**Антибиотики. β-лактамные антибиотики.**

Антибиотики представляют собой соединения, занимающие важное место в антибактериальной химиотерапии. Пенициллины были случайно открыты Александром Флемингом в 1929 году, а кристаллические пенициллины были получены Флори и его коллегами в 1940 году. В 1944 г. произошли важные события, такие как выделение сульфата стрептомицина из штаммов Streptomyces griseus и внедрение в клиническую практику многих биотехнологически приготовленных антибиотиков. В настоящее время синтетические и полусинтетические антибиотики получают из соединений, полученных биотехнологическим путем.

Антибиотики являются основными препаратами, применяемыми при лечении инфекционных заболеваний в медицине.

Примерно за 5000 лет до письменной истории в китайской литературе упоминается об использовании гнилых растений для лечения ран. Но научно, в исследованиях, проведенных Пастером и Жубером в 1877 году, было установлено, что два микроорганизма убивают друг друга. В 1889 г. Вюйемен использовал термин «антибиос», и таким образом появилось понятие «антибиотик». Этот термин до сих пор используется в современной медицине.

*Векман*Согласно научному постановлению: антибиотики образуются как вторичные метаболиты при метаболизме бактерий, грибов и актиномицетов и оказывают летальное действие на микроорганизмы. Однако многие антибиотики, используемые в настоящее время в клинической практике, синтезируются в виде вторичных метаболитов микроорганизмов, таких как грибы и бактерии.

Когда антибиотики группируются в соответствии с их химической структурой, они классифицируются в соответствии с механизмами действия на бактерии. Механизмы действия антибактериальных препаратов и антибиотиков изучены и разделены на следующие группы.

1) β-лактамные антибиотики

2) Аминогликозидные антибиотики

3) Антибиотики тетрациклиновой группы

4) Макролидные антибиотики

5) Антибиотики группы полипептидов

6) Антибиотики группы линкомицина

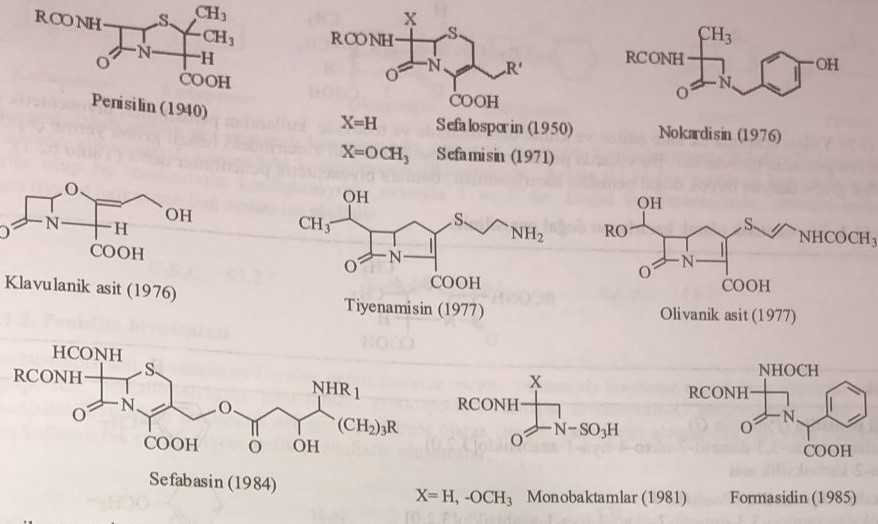
7) антибиотики группы хлорамфеникола

8) Антибиотики различного строения

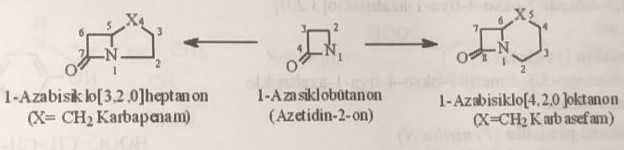
**β-лактамные антибиотики**

Эта группа соединений была введена в клиническую практику в 1929 г. бактериологом Александром Флемингом с выявлением антибактериального действия Penicillinum Notatum и в 1940 г. группой Флори с получением кристаллического пенициллина из Penicillinum notatum. В настоящее время многие антибиотики с β-лактамной структурой используются в клинике против различных бактериальных инфекций.

Химическая структура и дата изготовления этих соединений показаны ниже.

****

Все эти природные соединения, полученные путем ферментации из различных микроорганизмов, имеют общую структуру β-лактама. То есть все соединения образуют структуру 1-азоциклобутана. Когда рассматриваются соединения, которые сохраняют эту основную структуру, и многие синтетические соединения, обнаруживается, что бета-лактамы имеют следующую основную структуру.



Помимо образования 1-азоциклобутаноновой структуры этих соединений существуют также конденсированные бициклические формы, сочетающиеся с пяти- или шестичленной гетероциклической или циклоалкановой структурой. Этими основными бициклическими структурами являются карбапенам, оксопенам, пенам и 1-азобицикло в соответствии с комбинацией –CH2-, -O-, -S- (метилен, окса, тиа) в качестве функциональной группы X. [4,2,0] Октаноны по-разному называются карбазепамом, оксозепамом и цефамом. Соединения, сохраняющие двойную связь между вторым и третьим состояниями, называются соответственно карбапенемами, оксопенемами, пенемами или карбазефемами, оксозепемами и цефемами.

Бета-лактамные антибиотики в основном изучаются в 4 группах.

1) Пенициллины: 1-азабицикло[3.2.0]гептаноны

2) Цефалоспорины: 1-азабицикло[4.2.0]октаноны

3) Монобактамы: 1-азациклобутаноны

4) Карбапенемы

**пенициллины**

**Природные пенициллины**

Группа пенициллина, первый представитель антибиотиков, пенициллин G, был получен группой Флори как вторичный метаболит из культуры Penicilium notatum и назван бензилпенициллином.



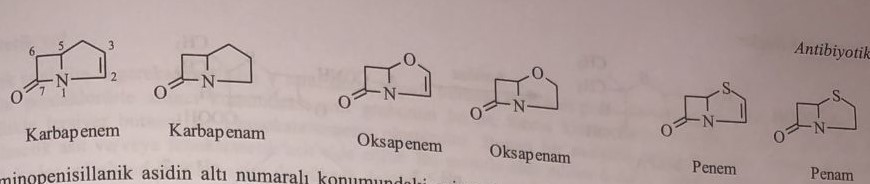
Пенициллины, полученные между 1940 и 1954 гг., внедренные в клиническую практику и применяемые в лечении, представляют собой производные пенициллина, полученные биосинтетически. За эти годы было получено много природных производных пенициллина, в которых бензильная группа в фенилуксусной боковой цепи пенициллина заменена на различные алкильные и арилалкильные группы. Эти пенициллины называются биосинтетическими пенициллинами.

Эти соединения были получены из культуры Penicillium notatum и Penicillium chrysogenum и введены в клиническую практику. Среди них пенициллин G и пенициллин V наиболее часто используются в клинике. Для приготовления инъекционного раствора этих производных используют соли натрия и калия. Новокаиновая соль бензилпенициллина — препарат депо-эффекта.![Text

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4T5ARXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjA0OjE2AAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAM2OQAAkpIAAgAAAAM2OQAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NDo1NQAyMDIzOjAyOjI2IDIzOjU0OjU1AAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAALJQAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgA2QEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A9FmW4D/ukiZe+9yOfwBpmLzvHAP+Bk/0rI3FCXTdfJH5mn+VcH/lpCP+2ZP9aYAYrj/ntFx/0xP/AMVS+Xc44mi/79H/AOKoAQx3GeZYsf8AXI//ABVNaG44/fJ+Ef8A9egBGtZ2Gftko/3VX+oNIbObr9snbvghP/iaBEyQ54Msh/HH8qY9hC5yzzn6TuP5GgByWNug+67f9dJGf+ZNO+xWrdbeE/VBQAsdrBG37uCNf91QKmA46dKAGkgdRQSMc4xQBHGY54xLCQyHoR3qrNFdTg/ZpAuJEwT0wG+cdOuM/wD1qAJbWG5SMJNjcqqNwP3jjk/nVsI3c0AIUOOtNKHHWgYwocUwp+lAELIahdT2oGVnD9xVds9xQBA4HWqUltFnKrsOc5T5c/XHWmB3BA3UADPFIBcDtS4AFAgIHU0AevSgBCG/CkK9DQA8AUuAeKBDhGoOcc0u0elAC7R6VWvbkWVv5uzcAeRnHYn+lAFf+0iyho4Q+c4Ctk5BHynjhsHOPY0yO/vpBEfsLpuxuBUnHKZ5+jE/hz3osA8y3nnKr21uu4E5E7Hpjts96eiyTTsjuERADtT+In1PpxQBE9pHbWpW0meDJxlTkfMeTg8Z5Jp5t5Vt1jhlztK4UDYMA9MgZFADba3uoZWLTF1Y8KXJCjcx7+xH5Vo0AGKYRQMYajYUAQuOKrM3XAoGQueuRVdiMGgCB8VWcc0AdmQM0q4oAUhaUAUCFKjHSmAHPpQIXnpikwe4oAQ7sAEU5QfUUASdqXNABmjjGcUAJmmM4QZYgDpknFAFNRcz3ZkXYkCghDjdvzg569OKBZ3P2l3F06RMDgDBKnjpkYxwevTJ/AAinsXWMlr2dlDD7xRR1Hooont4JHjb7UiiMHO589SD6/7B/WgC+k0UrFY5EcjrtOcckfzBH4Gn4b2oAQA55NDZoAhYGmHp1oGRNmq7DigCF+hqs4HpQBXkAquy89aBnZtjNKAKBBgCnAY5oEKTxQAKAFpMDrSAOO9A+lMBcZpfwoATv0pT7CgA5qKaFZlAc42sGBz0I6UCGxG3tYEhR40jjUKoLdAOlNN9aA4N3AD/ANdBQBHPJb3KptklJRw6tFGzc/kR3qsbCydtxW6J5wTEwwDuyPu/7TUDJreC3st5trabLklsIRn5i3fHdjUn2qc9NOuiPXdGP/Z6AHiaZutpKv8AvMn9CaUmU/8ALLH1agBjed/zzT/vv/61Qt5/Xyk/77/+tQMiJl7xj8GqCWSVORbu3+6y/wBSKAKjXMu75rK4UepKH+TVFJcJ3WX8ImP9KAKxu7djtEybv7pbB/KmsQaYzrp5JI8tthEY6tJIV/pSRzvIxRRbll6hZckfpSJHJIzOyjySy9QHyR+nsakHmnjEY/E/4UAIRNnqn5U0i57NEP8AgJ/xpAJsvv8Anvbj/tix/wDZqb5WoZ4urX/wGb/4umA8RXmfnuYsf7MJH/sxqURP3uH/AACj+lAAYH7XUw/BP/iaZ9ncn/j7n/JB/wCy0AL9iQ8tLcN/22YfyIpwtYlHDTfjM5/maAGtbwudske8ejEn+dRrpmno25bC1DeohXP8qALS4Vdqrgeg4p3UUAH4UUAIaiaTafmwMepoAha/tI877uBf96QCo/7W07/oIWv/AH+X/GgBp1KxbpeQH6SCmNqFpg5uov8AvsUAVpNTsR969tx9ZBWRqMlvfXVrLb6rbxmA5KiUfPypx19FI/GgZo+asi8MGHqDmoHA5oArtg/SqbWkCBtkYj3HJ8v5Mn3xQB12oeRNGbeQXHLK2Y4nPRgRyB7ViQ6DYxHKT6lwqrjy3UYVSB0UeuaBF+zsYba5WdZLt5PLEbbojhsZ56dea1BKhH3JP++DSAcJh/cf8qQy8/6p/wBP8aAG+exB/wBGmP02/wCNM8+UDIsbk49Gj/8AiqBCG6mPH2C4H1aP/wCKqRJZ2H/HqV/3nH9M0DJN1x/zyi/7+H/4mkJuR/ywh/7+n/4mmAZuyuQkK/8AAi39BTdl8f8Alvbj28hj/wCz0CHBLnPzSxn6REf+zVG1rcyE/wCmyx/7ip/UGgASxlU/PfXMn+9sH/oKip/sqFcFpf8Av6w/rSAZ9giI5aY/Wdz/AFpPsFpn5reNj/tru/nTAcLO0X7tvCPpGKPs0OeIo/8AvkUAOCKo+6B9BRQMY2Md6hbdn2oAzLq6uNzfZoRIqHackAk98ZI4HT6/SmRzvIwjuYhG7LuUbgc+v5cfmKAEkghbhokP/ARVSWzts8W8YPqFAP5igZA1oiqdplHofMY4/M1WMU8a4E+8+sqA/wDoOKAOzv1uWtiLUhZd6HJ/u7hu/TNZ8f8AbqxxhzaO4U7+T8xwMc/XPagQ1hrEaTuWjd2ESxqo4ByA5x9CfyqGSLxLLbhPPskdkkD7NwAYjCYPXryaQDbiz195EdLyFSAON7BSd+emP7oxV0W+otaxpdXCB8N5skZ28bwR6fwAjtzQIcltfBVi+1qwGVxu+Zk6AlsZ3dOfUmnxxXr4L3UZZdylkPTgdsYyGFACzwzsY906/wCrVW5xlueR9SR+XvV2KeNwyrKjtGdrkEcH39KAFW4jdQwdSD3zTXuY18wNKq+Uod8n7oOcZ/I0AN+1RHb+/j5IH3h16gU77TFlyZMBG2nPrwf60AVZdZs4ZYEMpJlcqMKTjAYkn2+UimLrlo7W+yTcJmCjAIwSuR1+o/OgBseuC4jXyIw0hg84q7bRz0GceuR/+up21HDOI/LfEBk2h/mz2GPfn8vemBZtJ2nWQuANrYGB22g/1qfaDQAbBRgCgBjHBxjrQBkdKBkZwWxUbgdKAMm3ZreaW1lAwnzI+AMg/wAz7+uar3DPc36wIWRIhvLjGSSCMf59D7UARzWlwX3LO7KUwu5tpVsnn5RznI6+nvTLeK5QMlw+5VACnHJPfnPP5CgYrjANV3oA6rUovOtPLM5gLMAHHrniqs1uBI0gvFSQlRubGSM4I4I+n5daQiJrWUWzgaiSyxBS6qWYc5yPmzzUHkEkSHV24XzFZiQoDbgO+CP1496BCCISh411hiyqULK5zknqOevbip0mt4oxI+oO4lX5QTnjBPTr0B/KgByLaNEJPtrKkEXlB9+3ap2kEn8BzSx2NlI0aJMzkb5EwVI5xkjjtkYoAmh0qCFsqXztCk5AJw27JIHXIqaexhuYXifftbr8x54A/Hp3oArx6NaoxOJDkFTluxySP1P5mp/7Mstzt9mj3OMMcc45H4dTzTAd/Z9sSS0YbLBufYYH1/GpDbQsjK0alWOSCOvGP5UgGDT7MMr/AGWHen3W8sZHpg1LHbW8YAjhjQDoFQDFMB5iQsrFQWX7p9KeMYoAAABwB1p3QUAKKNtABtFIRxQMiIXPvTGGaAKs8MUuPMjR8dNyg4qukEMQIiijQE5IRQOaAGuo6CoJB6UDKsi1VkFAHUalFazWjR3hHkuQpBJGSeAPzNUv7K03cWwu1kVQA5GAMnOc57/pSEKINOhjlZdqhRtY7zkADjvnp6VHJaaXcBxJ5bZTy3xIRkZzg4PrQIZBLo8s3lJJEXjwQC5/iyOM9c4IpfJ0VfKXMX7vITEpO3IPv0wW6+tAiNbjQmWezMiBXUearMwUhTt6njtj3xV1JNPs5IwpCtkouCTyfmI/Hr+VAE51Gz7XUJwcEeYODgn+QNMbVLVJTG0gU5wMngn0FACx6lHJdPAqPuRtjEgYB2hh39DVrzRnFAxPN9BR52OxoAcHJxxSmTHHemA3zDnFLvOeOlADtxz7U8OKAHqwNPHSgBKa3K0ARbBUF1J5EDMBljwo9WPSgZmvpO51Y3l1wBuAlIDHvxnj8KakkcDNbzzAMv3S7feXseep7H6UAMkvbcOUMg3A4xg57/4H8qas0cy7o3V19QfbP9RQMhfpVaSgDoNW+ym023o3Ql1JGODtO7n2G3J9hWc9rpclx5oVmIkcq6chmcc4I68E/THtSEVTDoxiCqZCjgJjLDAxsHX6ge/FCDRFnD7jvLmQZ3feUEH8gDQIpz2ugR3Ilk81VRk3E78OQWCj3Gc9KeLfw8rBVt32/PGeX7AbuPp/KgROulaNNCs0Vm0iysqEtJIOHbdnr6kGrc01vaxXlw9tkoGQAMdsg2r1J4GQAO/TigCBtQ0uNmRrVh8wjLYBBOzjJz/d4yanivIZ73yUtVDYdtzLyGUqo6Zx1/DFMCw10EiEn2ZjMQ0nypjJC8fUkYH/AOqnLqMrzBBZTkH+Lbjtnvge3NIBDeXoiLGxdT5hGDj7uCR0J56e3NSWt5cTyKGt9qMm7erbhnOOD3HUj2xQA2W41KOK18q081nU+acgbTtyOCR34pEl1N5QXgVUEmOcZKevDcH2/wAkARF1F3UyiNQQwYI3Tgbf1zQYLySRC74ZTGxKuQvDEsOOvp+XpQAk1pfTRzIJFg8xiQyzM5GVwOwx1zx3A/DQtVaOIh+DuYgZ6AkkfpQMtKVzUgYetMBcg96aSuOtAEZZc9ar3UUVzbvE+Crd8Zwex/CgZRgnmgt1hkgmd0+XcAuD6d/SorK3MMTPNzNKdzE/y6n1Jx2yaAInsbcTecARICcMGPGSSfzJP+QKrJp8EB+QDywOEIzzgDP5CgBz9OtVnoGdHqczQQqwt/tC7vmQLuOACePfgVmvqPmNk6axyPMbevII6ZGOtIQnm+ZBIV08RlYwVLRbgM54xwevYetQ3F29vIx/swyKsAdQkR5JJBUcfTgge9AiaO7nZ/3mn/KzZGAcrxnnI9c/55qIajdmGDbpsiyOPnPlnCnDdseoH50CJl1G6WzmlNhK0kYUrFtIL5A46djkfhVi3uJpmQPbNEpUkhuxBAHb60AXAOKDlWoAeueuKCDmgBOT3609VIPJ4oARgeeeKAPl60AJt5zn8KXbz940ALgA9aXC5znmgB6quakAQUDHAD86QlRwaYEfy84FMbYOooGRuUAzVZitAEDFc4qCQDGM0AVWUAdTVaTrwaBnTajdm0hV1UMWkVMHPc89Ae1Zz6jKl7Mv2QmFSFDgYYsQCBg/U8/T14RJD/b7Zixp9ywk29B0yCefpj8yBVX/AISSYyo7afMkLKM70IIYvsAz+v0oAuHWJjkLp1yuTIAWTptBIOB6kYFRDWb4uWXTLgIEYlTG27IKjGenOW/KgRea7nZEIhKyOcbGU/3sE/THP4im/brtcK1jITu2syg49NwGORn9MUAN+26gXXbYnb0wW9VBBzj1yp+tOllv2jEqQlHEAfyiR8znPyZx9BnjrQBpYwKXHc0wADOc+lBBAOTxSAXHyYPNCsnK7hkHHXv1xQA3fH0DjOcYz39KTz4PNEfmDzCcAE9TjOPy5oAj+222EfzB85Kjg5yDjp9SPzHrU6yJIiunKsMg0ATLgcYp42mgY48VDcRCe3khyV3qV3DqMjGaAKDaeUkeSN0WRjkbY8AHaR6n1zT5tPSTadzEq24iRi6ngjGCfemMpppzQFVWU7MAPt+UkAHH6n26VWvNIE8MsYlwXLkOUyw3KRjOeQM8fQCgBjaaY5XkFxLJubd5cp3IPYD/AD0FVEsJokkQXLgkHbtxgZLY7Z4yO+eOtAFcwXcU+9XHlkkbC7PjO3nn6N+dS7W2kO6sSeNq4/qaBnVXwutifZVUtv8AmDHHGD/XH61mTf2ys0rpDEy4OxNwIzhcc8Hrv64pEjs6vg4ihOGHUdV787v6dvfiIDWBHtMMDtuJBc/7Rx09sdu1AgYa5lxH9nILLtLDBA+XPGf9786k26yMFjBj5sgd/wC7+lAFlYrk+S7sGYDDheAc49/8/wA6tzaambNYreZNwJOWdgR82Rk854zQAhtdb3cXMAQyE+4Tt/D161JBZ6jtlE88eXTaMFjg7mIPbsVz64oAlmtL55FMVygReQCvv/h39+lOjs73JMt6cYIAVB+H5f1oAil0qV0jC3kxMaFcZ25JxzkdDx1561LHps2J1kvHkWRNoUrwDggn+uBigB0+myTXCyC7lVVXGwdDznPFQroMQHz3Ny+SxY78btwwc/QdPSmBMNHgDs3mTEsCDlhjnOe3uf09BT49LijdSCSEbcnqp27f5Z9vypAKdMhIUkMzLnazHpzn+YB/CrMMPlQpGMkKoAJ9qAJgnHIqVFx2pjHbRQU9qAGFRTGFAyJhUDCgCvIvqKquo9KAKcwFVHA60DOsvIHm8oxybGjk359eCMfrVBbS9z892xKgjk8MSODx0xzSJFFlObZ4ZZ1lLoFO9cgnucfl+VR3GnXctxJLBfCEyQrH9wnBBJyOR6980ALFpc8TbvtrFiwaTg/OQoXnn1Gf0OajXR7kwwRNqBZYgAQYzhgAw/ve4/LtQIki0m4jsJrddQcPJtxKEIKkAA9++P59atWtm8Do0lw8pVWX5u+SD6+1AFwlelHFMAoyKADinUAAPNGfagBaOtAB0FGfagB4zUgJpDHc4pGJpgRmqty8omhChvLYNuZVzg8Y/Dr+VAGfBd3o4uIHZmC4wMYO3n9c1UW8v3t1YxMJiYzs2Hbg7d3PYglvyoGV21S6FkjG1ZrgxfMmMYkwuB9MsfyqG41CeKeL92Wt2wXcxlSvD+vTlV/P3FAFhySvIx7GqsnXFAzodYtprqCJILjyGWUMW3Y3DBGPzIrHeHVjttI9RjUiN1LLglSAmOMZzyfzB9qRIJZ6nExlW/RYpFZjLkMF+fcvB6/KSP19KtPYao/zf2iqnIK/KDt+Qqe3945oAifS79/MeDVFiZw+HVM43MGH5AY981dezM80jSTgrv3R+qNtUD8iGOO+6gQyVWSO4DaiymMByxTPljaRnr07/hTjb+XcASXmHbc4wpB28d89ATn8aAHeRBHcy3PnxfvXRic8qRgcH3AUYq4t1A6LIrEozmMEKeudv8+KABrqBJNjSoGwTgn06/zprXtssMkplQpH94qc4/KgBsmo2sU3lvKAQCSfTGP/AIoVIt3DIqNG4ZXJAIPTGeT/AN8mgBralZpuzN904YhSQPyHT3pq6patIIy5Vi5QBlPUHHp7j86YDf7XtvmO47V37iB02Yz+hzUgvhg7lRMxeYpL8ficcdvWgQxdRLSRp5OC6Rs3z5xuJ4464x+o9avAE0DJBmpAKBi0GgCM801qAIHFQOuKBld+lVn+lAFWSqknWgZ0995JNuJ3KfvR5ZBx82Dx+Waymt9MknfbeMzux3DzA3OFyDkHtGOv+FIkFs7A28kscskyIhUlGVjjOTzjnp+mBQ9jp5u5BLJIHB3MGI2ncfpj+HvQIqpY6LKJI/McqqrGA2ORtUgrx6beakFpo+5LhTI7SSBwAecuMD9P8RQBcWbTrq0mut5ELgRylgCCOwPXj5v1p/k2GosMM7iSNgMEhSMjP9KAJBotkJHkETb3O5jvPXj/AAqaKwtoIvKSEbcknPOc5656/eP50AMbSrLIY2y5AZRgkYDdR9PanJptmEaM2sRQ5GGXPB57+9AErWUDOsnlKGBzkAeoP81U/gKfHbxxIqRxqiKcqFGAKBDG0+zdmZ7SBixJYmMEnPNPWztwVIt4RtJI+QcZ/wD1CmA77PEn3YYxj0UfWnRgRoAq4A4FADmXcMHnnPNOA4pDHKDUo4HWmApHpTGBPFAyPkDpTGPagBjDioHFAytIDVZxQBVkzVOSmB1V79nCR/aSNpkUJnuxOB+prHafR4LmWB5CZBJtKsGOw4ReD2++nPv7cSIlt5dHaDZFNAEJKgeZgnDEcZOcbgenWm3F1oht/t8zQsrRb8/xbeTnHX1oETBtGBUCSzB3Kqjeuc4wB9cDH4UxZtEjkEa/ZQFBfcNu0bSB17HLUAP3aOiNAq2m3cFaMKuMjtjpxzSR6ppkRBjMaptZhIijaFChm/Qg0AW21CIQiWPdKpVW+Qc4Y4HXHv8AkaRdSt2PDNkkLgoRgntQA3+17RiAkhZT/EFPXbuHHXkdKJdRSN4yI2eNoTMWHZBjJx+NAi+Dk0bDvzuP0oAeF96XbjuaYCMDim84FAxwxTgPWgB6gDPFOCg9RQA7AxxTT14FAEbA1DJkc0DGEgisr7Rc3dxMtrLFHHEduZIWbce/O4f5we9ADLe4d5ZbecqZoz95UKhh7Ak/zPUU6SgZVkHFU5BzTA6PUjZt5CXkSuPMBQsMhSCCD+ePzrImttDmuVheBT525/vEKcMg6Z9Y16f3ffmREMcWkLatmzO2NRMqu7Ek8t1P/XRvruPUUkttoEDxW32PO4tCFLNgDjPfuSv1zn1oESudJXypBZEoW8zO4ghlIUHGeWywHr60yVtLyiR2J28K+WwQoQyY75GI1447UwLUd3pMzIq2e4s/y/KvJJbpz7k/8C96WO40x28tdNQ5ZlY7EIHygtnnnI/PFICxBeWZaPbasrKqlcIMYJ7Adxk/hmiSeB/MVreFn8zCKVGZF+UkgeoLHj17UAMaeBLvy1sRwwXcYsHO3IP05xn60jXxITy9MdspuJ2fd4OBwOvygY96BF/z7k7SsBIBO5doy4wfu5PHOBzVY6leq7402YqFyowck8cZx15+nHXpQBO95emLMdg+7zFBJYfd4ycEg9yPwzzTpLq5WbHkDBcKuTzyB+eDn8AaYD45riSOFni8sljvX2w2P/ZaqyXuoBpAlkMKxC8g7hwB349foPWgBsU+q+fHvtVMbM+4lgCo3DHQ/wB3PPtzTop9XITdbAMDzllIIJHv1HPH05oA2Yy2xS4G7HzAdM1JkZ5oGIWApN4xQAwvmsu804XN28/nbdyBNuzOMBxnr/t/pQMPsiBCPMcZJP7tigH0ANU4JreytvJfCGNthwv3uODgeo/w7UAQyCO7vo5IiRsXLSKME5zhf1JI+lQ3dlJM2Vl/u4J6jBycfUGmMr21vLbwBJZS7AAZJ9h/9ekkoA6a9dwUWNULYZl3Ju5A4xyPWoHeVS5ji48kuF8ts7/TPQ59P8akRnG/uorkJ/ZwljwQ/lxnKHaCM9eD6denWhNZunII0pzH843KSeVbbj7vX7x/yaBFtL26ltYHFs8EjSKGRkLjB6jjBHHcjGadNfTr5yGylfbyo2nDcZxxnvxQAxr3UFRh9jZnDsAR0Kj8PoPxzTzd3TbSLd1ALZ46/LkdR3NAAtxf/Y0f7LmbB3KTjoOD+PWpbGW9kZzdwiJcAqMjOctkcE9tv596ALZye9Lg8c0APUHuaeBQAtNwM0xAcelMwPSkAuBgcVIvrQMlXOKd+FMBDwCcUzt0oAjPX7tNb7vSgZERx0qlcWdtcNme2hkwMAugbH50ARpbw26bIIkjXOdqKFH6VE5pjKslVJKAOj1G/wDsT2y/Z5ZTNJtyiFtg7k4FUrjW1hknT7JcN5Sh1Kr98YbOM9wVIx7ikSVB4jKz7Dpt0VYnBVPSMNz+JI/Cr66g7i0ZLOYLOMtuXBX5Sfzz60gKkOvTOkQfTrgyMWDYjYKuORyR3pp1y+WGcNpcpmQzBCqkqdhO335GD79vSgB1xrl4HAg0ufaNpbfGx4JUEcDggFvXpnpSXOr3y/6rSp8+ZtbKM3G9RkYHPykn04oAlXVrnesJsHeQW8cj7SQFZiBtIwcY5Pc8U2XVNQELNHpMpboq7j/dznkevFAiW1vNQa4WOayPltI4aTONqgjace4P6VYD3zsJEUbQqgxsMZYk5/Lj8jxzmgBWudS8ttlmN23KguMdDweeucD8akgkvzOolhxEXbcWIyFxkdD68fh+NMB9r9rEuLhiRhscDB5BHToeSP8AgOauDrQAp60DrQAoxS4oGOUkdKeDmgBRzVa784RDyAC+7ofSgDLSXWGMHmxKqsG88jGU6bdvqTzn6ce8to+oPDuuo0WbHKA/J25B5Oev+eoMqSy6iVkMYBkVnBQbcL/d/MYPPr2pb177awhUAhGK7cNluwOcf570wK6T3RykkSeZkkgtjC5OO3PH+RVKS4vQ6ExDbzvG37vzL0PcYJ/L8KAILi5uRGrpCBuXIABf04OOnGfWq8NxcTRqWiVWAAfLEYOATgYoGdfeSXSzwrBErx8+YScc8YH0wWP4Ad6rrLdGYlk+QB9ykgD73y44z93P6VJJUFzqwwBao2C5Ziwx0yoHI9dv4VYSe/L4a3TbuUZyOmPm7/596AGzyal5UhgiTfldoMg45Gcccj3OD7UzzNXcyZihjAc+X3JHGM/N9aAHFtX3SMEg5jAUFuN2f5defpx1ob+1fKVYTFvH3/MJPYdPx9fegQ8rqRViJYg235R2Dc+3Tn9B704Lfb1xOrKJASTjJTHTp1JoAe0N4YYSZEaZHDkAkZAPIOMZ446fnTXtb77PdLFIqtMxKBnYlQVA4btzk8DvQAOmp5Yxyx/eyA2MYx/u+v8AntUscN4s4aWVGQBxnnJBYEdMdhj2oASa1ujbmKCZVDKcjHQnk8+nUY4wD7UiW+p+aGa9QKFAKhM5PGT+h4/2uvAoAe9lcMkmLthvmWTgY4BXjr0wCPxpiWd7vhP2xkWMnIC/fGMd+OuT09B2oAlNnN5e2K6aPMjPwvHLZ+v6/hUZ06c7d19J8oOCN3DHPIyx6ZP4cHNAGhAjwoFaRpCAOoHH+fxqfJ9KBj8nFMy3pTAjYt6VGScdKAOfkvb62nl8uwJ8yZtzBWIYBWAPt9xBj3960Y5/PRiARtJU9OooGRvnFVZCw7UwKkhOOlU3znpQM6i8W6eeIwOixqT5it/F0xjj61kvZ6wLVkF2hfyAhwScsCeRkcZBx+ueOZJLTWs22YLwJWBA80jYMAcYHt+B9abNY3Es+4ScGQN1+6ArD+ZFAAlnqGUSS7J+RgzLwC2AB/X8s1PFbXEcu6S4Zxs247ZznP8ASgRA2nTeVCsE6wtGHxhPlG7sOcgZwcZ7AdKWPTLhCjtfSNIvBbnkbQMdfUE/jQBGNMu1ZQL59oYsRt6/Xn15/E0tppE9qci8JUW6whdhHIGA3X9PegCS2027R1aXUHl2kHDKcHBX/a9j+da+TigAHvS5OelAAM+lLzj3oATLelOB4oATkUqhjyaAHDd6U/5u1AxxzikYHtTAjIbNRknBz1oAgfd7VCzP3xQBWfdmoJScGmMpSbuuarvnvQM6PUvtpeD7GVAWQNJuP3lzgr+RJ+oFYMFl4iX/AFt9HxtJPmEn/VkHqMfewakksrHrmFCXUBAkUksM5XHzAHHPbn3NRxWvif7M6Saja+YU4dV+62G/2enK9u35gCNb68twv2a+i2sHO5zvXh8gEYz90kcY5H0pZbDxDJMCNThCqwZRgcDyypzhRn5jnn07UARvo+vCaSWHVVRmEgXJJA3OCOCCOACPxrUns7qafJnChW3pj12gAH1Gdx/EYoERtaamm521IBAd3zBQF+Ujrj1wfwprWl09y3k6gqO6sRjBO3OQfwJPPv8ASgC01nLNcGYThsS7l2tjGMDBx2GG47k84q+0ipje6rkgcnHU4H60ACyI7siyKzJ94A5K/WlDbhlWBGSM59ODQA4NhghYBiCQM8kDr/MfnThIrjcrAgjgg8UAN3jzCm8bwAxXPIBzg/oaGlVYy7OAoGSc9utAB5i/3s84/wA/nQk6SuVSQE4Bx7HOP5GgCZQfWpF4X8aBi8880jZI60wK10krxbYn2vuU5zjgEE/pms6OK/3RpK4KIuCwcgljjn3AwfzoAgls9Q8h0N0ZZDEQkgJjw/PJA+q/lTPs159lZGnBkMhPU8rvzjPb5ePagCr5F7FLuDhl3EAM5fCkj19BmmSxXP2st5w8or09/p09aYzPkgvYwGWQMy8nLkhjhu3bkjj2p+1gPmbcfXFAHTX0Sm6hna6aHyg3T3478fmP61ReGNVlje8QOsexjtG47icZPfJ7evSpEQR6cghljs711ymQodgASc5HPGTnkdj9KsrZEOT9vc4cOFLHgc/L16f55oAjOnsCmLt8ucAqSvO4tnIz09D16d6PsiSK5XUmA3uu4tyCCARz6bf60ARpaQC3RzqjupIKsxz6rjH/AAL6+pqV4bdWMZvzvbcpxzktnH48HFAh8UdssIk+34WVQEJcAEAHPHfjOc9Kkgs4JyNt3K7W6mEbZMFRkdcdT8o6+/rQA7+xYGjVDNJxvwQFGN3U9OvpTjo1v8rebLldpyCAThtwycepoAnbT4XUZeXIxhvMOcDoDn73456mqw0K1AUGW4IV94zJnnj8xwODx+ZoAsrpdsjKytPuCbB+/fpnPTPtVf8AsC18j7PvfyTGqFeMkDGM/gP1PrQBZbTYH3gvL86bD+8PTJPXr3NQDRbZVIMspBAByR0HQdOlAEqaRbIwZWcYfzOCOvHt7Dikj0W1RkIaQlAoGW7K24frQBpDr1zS5/2jzQMfkdM0jDI4NMCM0xgO5oAhcccNiqzD/aoAhkK4xmqku045pjKkoGDyaqvjpmgDqruz+0Eq7/u2GGUDk/j2/n71Wk0+KcyB55HO5CeVypXDL0Hrg4/xqQIP7LtpA6l8gARlVxgAHIBzn2pIdJtZYMGUyEMN7IcZZeOnt6e1Aiw1pa24QySlAXONz4DE54/U1F/YdkXR9knyStMo8w4DnqcUANfS9NMR3YCOyrnzCMlThRnPUcinf2TYf6/b98q+7zDgnJI7+rH65oAF0vTLqCGJUEkdtlUUSMQmRjHX0OOe1W0ggtg7J8isxZvmJy3egCdnjiiMsjBY1G4sTwBUkbJLHuQ5WgQ/bnFGwYxQAu0ZyaUoDQAmwCgAUAISF68ClG3scUALkAdaMrnNADwVPPrS5WmMYWXPWo2APrQBA5QVWmkhhiaSWRUjHVnbAH40AUBe2M0myG7gkbsqSAk0jlM0xlaTbiqj7aQHSXNuk2rxO05VkTIjViCfvDn25/Me1ZsunWd5PJsvJQd0d1Iq8AkggE5HcDp/sj8UBANJ0+RIm/tKUZjQrmQAsoyBkEdz1+lV30TSYrafdqU4TY4cicE/xFj05YZPPWgRKml6Z5if8TBzIjphDImQRkBTx7n/ACBSW+lafJY+S99KWMCRyfMo7qwOMHBOV/P1oAlS10jzWkGoPuaXzs+YuMgs3HGMcn8AKbaWmj2SusV+2JPI+d5FI+Ukp2789aAL32TT3SNA7OrgQ/KV6jnJ/wBr5f06UsgsofOuHmmBWTLICuSVOeAPx/AnPsAEc2kLbsguRGHUbhuHRhwD2OR06+1XLW9t3mkSJizOWYtjAJG1cc/h9aAJJdUggtmmm3RlUZjExG/A/HHp37j1qVdSsy237QgPGcnHXp+eR+Y9aBCf2la/vcSg+W4Q45yTjpj6ilh1K0l8sCdQZBlQT9c/yNAEhuodrMzhQGK8+xxUL6naJjMg5zn2AOCT7Z4oAJb+1RfncHDBW5Hy59aliuIZflVhuyw2nrwcGgCXaKMDGMUALxS8YoGNwKqXd6trJGhRmLqWGB0wQP60wKg1OCa4lhVH+QkZCk7sAZx7jOCKheRLi+RDlVjG4B1I3Mc4xn0AP5+1MCG5toIoHKBIjwQ5OAG7Z/l75xVZrtTbrP5ZG4Kfn4AyQOv40DKMeo/aJCnkYIOMq2R1YZzx/d/WpXxQB0d2bZrwrJb+Y4WME4yPmZgvHsc/nVKeKwtY5pmtQzIuxmGCzKqk/wAifrmpEU4rnSjK8DwvE3mvGEUuQxVixxjtnJoa70Hy3LxvsaNnbcH+ZTknj8P1FAFzZYSNDLHBuUksWLNlMZbp9Sfzquk+mFDm2+d8IyjndghQP0HX0oArpf6TJBbTGz2uyKNh/gDYGAfxH4Ut1c6ZDEWWxjdQqn5iRyHCAEYPrQI0ftlhDbxnYyLKhcbe4Pc/qcn0NWo0tr0OHgB2tglhnJwP6HFAyQaZYcf6NFxtI+Xpt6fl2qeO0t4n3RworcnIHr1/kKACSytZVCyW8bqF2DK/w8cfTgfkKRdPs0cMLaPIAAO3sOg+g64oEP8AssB3fuU+YhjgdSOn8hUaafao6t5KF0JKsVHy5AGB+AA/CgCR7eB0ZWjBBJJH161AbS1H/LAHC7efTOcUANeys5d3mQB9+N2STuxnGfXqfzqWOC3hbekZDcjJJPU5PWgCfzMjpRu4oAZ5gDd6cJARkUANMvBPpUbGKXHmRq2Om5QaYyLZDGuI0C85NUr+3E/lyxgedEwKknGR3Ge3/wBamBSu47m8CxSwxpDuyxEm4kemNvf6+9SuwHAFAypLtZgxUEr0JHSq7tz0oA3rz/kMp9Yf/atZVv0uP+vg/wDoSVIiCH/j6m/6+ZP/AEaKW2/5B9r/ANew/maANyD/AFtp/utUC/6//gX9RQA6T/VD/c/qab/Cv+7/AFoAlP3Ifx/nV23/ANX+P9BQBPUq0AL3o7igBR0pO9AAO9RnrQAneloAVOtB70kIhP8ArKB/FTGHrUR6/jTAQ9DUbfdoQFc96rP1pjKsvWqz0Af/2f/hMehodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0b3JUb29sPldpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQ8L3htcDpDcmVhdG9yVG9vbD48eG1wOkNyZWF0ZURhdGU+MjAyMy0wMi0yNlQyMzo1NDo1NS42OTI8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAMCAgMCAgMDAwMEAwMEBQgFBQQEBQoHBwYIDAoMDAsKCwsNDhIQDQ4RDgsLEBYQERMUFRUVDA8XGBYUGBIUFRT/2wBDAQMEBAUEBQkFBQkUDQsNFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBT/wAARCALlA2kDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD7DuCd2RUKznzARw3qOKuTQgo2OWride+I+heE9VbTtRkuVulAc+TayyAAgHGVUjoa4j2DrNxLZyd2c9aRYTjHRMAbe3HHSuEPxu8Lbsp/asuf7ulzn/2UU8fGvQm4XT9ff/d0e4A/9BNBJ3rMVbOcHGOOOPT6e1R4LLjJAPYVwx+MWlNjbo/iM/8AcIm/+Io/4XFYM2IfDfiiX126PNj89tAju1XC4yR9Digrtbf1JOc1w6/FhJDmPwn4pI/7BMn9cU5fipNL8sPgnxVIfT+zmH9aAOzKhcYPTHApnkhsZ+VT/n+lcV/wsjUFY7fAPiqQnoPsQH82p6/EbWGO0/DrxSxH/TvGP5vVAd4kCLgg5HamPCEUBR8vpXF/8LA8QMpCfDfxK2Om5Il/9npR488UMMD4aa4Pd7i3X9C9SB15hCjAGPpUkcaKW4ALdeK4p/G3jDkR/DXUj7vfWwx/4/Tl8WeN2kGz4dXBGP8AlpqdsP8A2agDufLVgRtBB56e2M1DPawiS3la2gee3JaGWSNWeIkDlSRlTwOnpXHf8JR8QQvy/D6Nc9N2sQD/ABpr698SZl/5EaxU+smtRf0WgDsY32sCeRkHbjjI6EjvU3DbTuOQAAe+PTPp7Vwa6p8TeceC9JUD+JtaHP5JTl1b4nScL4V0CIer6wT+gSgDu1jHG3ggYz7VLHtjG3AA/ujgH3PqfeuD874pyLldK8LxfW/mb+UdRNH8UpAoZfCkC/8AXS5f9QlAHoMoEnXk1E8p2k7sH3PNcNHafFLadt94Sj9/LuX/AEwKbNpfxRZcnW/CsfrssLgn9WoC6O6DZzxuOKiY7nJIycYyRzXFf8I38SZ4/n8W6DC3/TPSZCR+b/0p7eD/AIgSE7/H9jGPSLRE/q9BJ2aqFTA4HcY4NNmkwODgflXFt8PvGswBf4kMp7iPRIP6vRcfDnxOsOZfiTqR9otKt0H9aAOytmVWYg7TnOFz/QVO8m5uG/Dp/OvPo/hdq8jEyfEXXmDf88re3U/olWV+EN04xP498WSL6Jcxx/yj/rQB3bbuOWz7sP8AGo/ML4ADA5x/k1xDfBuykx53ivxdNj+9q+3/ANBSm/8ACi/Dr5eXUfElw3UGTWpv6UAdqnzXCg4DHoCwpbqS3t1BeaNPTcwGf1rhV+BfgxGMk9lqF0T0M+p3D/8As4/lVr/hR3w/Vc/8I1BJn/ntPM//AKE5oA3ptc063U79Qs4x/tXCgfzrNPjvw5ZtM0/iDTIQuOt3H6f72f0qvD8IfAdvgL4R0ph2Dxbv50+3+G/hG1mJj8K6LGAeNunxf/E0ANm+LngiEEv4s0kY9LlCf51Wb46eAYWUDxNayZ/55bn/AJCurtfC+iW+DDo2mxDt5dnEv8lrRW1t4wAlvCgHTbGo/pQBwA+Pfgt2/c6hdXQ/6YWE0mfphf60q/G3RJG/0fS/EN7kZAt9GnOf/Ha9FXd/CcZ9Km8x/wCJmJxjrQB5hJ8VnmYiz8F+Lp2PQNpTR/8AoRFKvj/xLN/qPhv4iJx/y3e3i/nJXpbM4wVJGKRZN3VjQI80k8X+PJFZofh1JDjGPtWrW69vYn+VSrrXxQnCiPwpoVpGe9zrG789qV6Q7bvlycfWkWPA9/WgZ58f+FryKu1fCFpnv5s82PyAp50D4oXXM3irw1Zg9rfTJpCP++mFehovcnP1ok+UYNUB5lN4F8ezsBN8R1jTv9j0WNfy3M1I/wAL9dm4uPiRr8nr5NtbQ/qEr0nywvzYp0arIxJOD696APMYvgrBMf8ATfGXi68z1H9peWP/ABxRVlPgH4TdT9pl16+J6/atZnOfrhx/KvRmhH+97mgHsRQB51H8BfANvz/wjVvMf71xcTSk/XL1es/hF4IteIvCOjA+rWiP+rA12s0m0DmmKQzHigDOt/CeiWMKrbaFpVtj/njYxL/Ja0I4VjwIkSJcY2ogUD8BUu78qTO36UASbX2/61vpk1EV8xjvYt65NSRyFqcylSTUgR+WqZAwB9KZ9nDDoPelc7utLHJgkUANeIFdoAx9KakIXHy1J5m3oKQy0AOCrjgD8qNpHTI+nFRh/mp+87aAK17D5ie+c5PWovs0pXKEA/jmrFxmQDnHNWI4yqgA0AZP2O6ZsmdV9yKRobk8faMj/ZAxWpNGe5zVcqfTFUBXUOv3pN3HPFNiZps8YjT17k9MVY2AdeSKZNM9vazSxgF1RtgIyNwUsOBz2/WpAxL7xtoOm3j6fc6jGNQjID28StKUB6b9o+ToeT7cVjyfFTwozaUkN9NdHVJHSyNvbyOLgocMqsBglcHP0rG/ZhujdfCLStQdydW1Ke4utRmDfvJJzM4YNgc7QFAU9BwKy/idp/8AZ/jj4WQ+HWsYZjrGpOnmBngSVoC8mQpBGTu6HqaoDsL/AMcWGm+NLDwvLa6gdXu4/Oi22xMTRggNJvz90HPaumhkMjZJ2fToa8kvrPVrP9orwj/a11ZXDt4fvhEtnA0K7fMUlcsxz3PFdXa+KtUj+J1t4fnm0k2d1aXFxFbwE+fGEZRGSxIVt4LHaoyMelSB3azLHjd1bpUsdwjNtJwT0zVWb/XRseQP0ptxC0s0W372773tQBpK69C1LIyleOfeq/kt29adsdMVRQ9M7ecY9aGf5RzmpI48jJFRzKOMcUMYm6o5XNP8pu1DQnv1qBEO3NO+71p3lt/DSeWx60wGyMMVAduT82KsNCdtV2hIweuaAG+YN20c0rNjtTvIKHPWnbd3NAEAamO3zcdKmkjPaomiYYoLGvxULYPWrO0Nxmo2i9KAIgRzUEjDkVZ8sc561VkhYGgkix1qFmNWvJO3Oah8v5jQUMHPNRM22rPlbRxVeaOqAgdw1RbgCQaGBUnAqGZm256EUAOkOFx1qo2C2cUNcbmVR1xyKrrM535GMVIErAKpAFV9xXOKWSZsAVXkmKHFADJF3MSaTy8KCBg+tPZtvzHkGml/lqgIsbWz/F3OeaglUMckZPrVh+xzUTDFMDMlhOc5I+lBBkjKOfMTur/MD9c1edRt6VXkUA0gOK1b4a+GNTkaaTRoLO4d8/arFmtZenXdGRn8ap/8Ij4g0nDaH4tuLhI+llrkS3KMPTzVKuPxzXdsCCSOPpxVR492dw3L6HkVQHGy+LNe0ZWGt+F7gxr9690ZzdwjvkoQsgH4GoP+FteGP+gi/wD4CTf4V2hUjO0lcehqPzH9f0oA+kW9KkWaRejEemKZJjGTUPnFRg81iBba8mZQPOc4/wBo1H50zNnzW/Oq4fcQRUhbb25pgTb3PBc/nUe51Y/O2PqaYJcnGKf1UjtTJI2ldshWOPrUSRkyZLZqaJdqkGmrGwckDigRMqKq/wAhmnBT5fTiotxyPWp9x24NAEap1AOB6ULndjPHtSE+lCA8+tAAy7mI7U9flHtTVb5sEZqTbu4xxQAM2VwOB6U1eOtKyhOlRGTkrQAsjDcTTY8BsgYPtSiPdzS+VtoAk3Hk559ai2/NmpuMYFMb5aAHL93B5pJI1bnaM9uKVTuUHpUir3zQBUTKsTU0bBl9/rSTLhuKYBt6UASIuc1HdIFhJwASfSpossMiq2pbnhYLwRg/rQBXazZpFIf5fSp1hAOC3HpSqzDGOvSneWS3NBI5LUDofy4pZIvLGep9e9OVirY609k8wZPSgoz1jAO5ueeKstF5ig4p/l9iM1Oucf8A1qAKiW6BuQKrXlk+9TGNw6lavtGC3NK42r1z6UElGAneFHBHUU/7QFkIZScdcVNHCTlgPmqlHu3OHG056UAaNvJHKu6M5WpZML9ap6ZGyrMx6Mflq7IgZRzzQA1QrKctiqzEI4C4x+tTNjjFOWAMQwHNAEO4nnp9akVsKKeYDu5qT7KGGaAI9wpkjFqn+zYXNRiEsOlAEXmDu1OjYfh605rYj3pVt2K+1UA+NtwIqNuvNTW9uVXmlktixHNSBQuFIIGKdGvWrbwe2aEh9RQBXjV26USL61fiQRjgYoMYbqM0AUI1IXKjmrJbcuMc1Kse0nA4p4iG7I4oAoMpA6VGucntWjJCSeDVG+zGq445xQBHI2KjaQK3POaWZgGQZxxzUVtGbgu7cjPAoAsLH8u7NDMvQHmmMzKrLj5RUzxg2+FHzdjQBEq7uvIFUdc8XaP4Xjjk1bUILIzf6lJW+eTB52qMlsdzjitGHMaYYZ79ccdO/v8ASvLfiJ4d8Uw+NrHxX4Lnsb3WNOsWtpdF1BtvnQs7EtE4+4xYbc8AkYyelUSek6H4i0zxRZG+0u8jv7LzWi8+I5UsvUCtDydy89a8q+G/xW8L3WiyieMeE7+bVbm1uNL1BwjJecNKgOAvQg9uvQV63FtljV1OVf7rbgAffPI/KpGUWtzuIzWRrfiLT/DeqaJYXE0n9o6tcG3tIIE3OxC5Lkf3V/iJ4wwrd1PUrPQ9MvNTv547awsYnuLieQ/KkaDLf0x7kV5/8N9L1DxBql18QNchkttR1SHydMsW62On5yg9pJQd7d8ADpxTsM0IfhHolhf3d9p91qmhteSGW7tdMvDDBJIRhvlKnB65K45zVu++FfhrUptJkmsJg2k5Nn5dzKoiJHzNkMNzN1JOSSTXV9y2eT129P8A9VNmnitbeSaaRLe3QbnkkICKPUkkADP1+lMo529+Heh32vQa5cacLjVrdQsV2zvvjXOSqYbAzgZGOaqR+DL298R2GrareWd0NMnnmsI7K2dHG9DGA7seqox6cfkK27jxTolvbmeTVtNSFV8xnNymwdtxbsPc1BN488N2+jpq82vWEWlk7RfNOrwn/gSnn/IoJNR7cMxx8654brkdjT1t1X+Hmix1K21SzhvLWRZraYbo5F6MvYirS7ZOcUAQCPnpTzHu61J5foacq+tAEawDqOKa6Dpjn1qU+nemkbs5oKI9o3dOabJF3pw61N95cHpQBTVME9qR0CmpWjHYUxloAjbOPamLGD2qWmtkdDUgQNGeaFX1qc9KbVARSIM8Co5IjzUx9aa0nXPegZUjADHA5p7RAr6U5YRuyOKSVfWpAgZQB0qCQbqnbpTGxtqhFR4zuJphQ54OKtD5gfSoXwCaCkQNkZGagmXdmpZWIbimctmgZUKdsVBcweYoGcVedOM96jK4qQMyWxJYFe1RSWxVSBWnI3JxUEmfwoAy/I45HNVbqFmdcD61ruox0qCSqAypvu4HU1H5ZRcVqLGobOOaq3EZLHHSpAoMuab25q15XHIqCVT0FUBBIx7Cq71dK/LgCqzQls5NAFZyagYnbU8ikNioJht4pgQMN3em+WfWntH3zSbT60wPo54/l5qDYW4q3ITtyBxUURVd2eDWQEUduRzUvk569Kas249MVKrAjmmBC0e04A4pyqABTnb5cU2PpzQAuzdThHxUmMAYpA1BIwW/U4/Wmsp/GpWZenekVR1oEQeU+c44qSNDuOetSNnoKVcUAJ5fel6LjvRuHOaarhqAGsrsemRSNbEc9DU+CADSNICOaAIfJK9aX2qdWDLyahf5W4oAOBj1qTyQ/NM27qkVu1AEUymNSQKg85ldR2NW7hiIsAgioGjAZS3PHagkazFpAq/N6+1M89WLKeMcUsKGFpc8gng0yS385ixOPUUFD0jeFt/VW6Uu0sGJHGKereYoXsKdIhjj6ZoAo2s3ns424KtzV7O4cVUtYxCZHbjeckfpV1Nobr1oJFjj3LnFPXIyMUqyBflHSnlgO9AEe0Z6VKsY28imStjBqUSbkHY0AMYBhgCoZEPCkZqbG3mpFXzOSOaAK6w/KOKPsqN1UE1caPAHFKqgc45oAgSD5QOlSeUDx3pxX5s0mDQA37MBxSrHtPFPFHOaoA2g9RSFfypzA0L3zQAzpS+XkUGnKflFSAzaAelO2n8Keyj8aQn5aoCN8ADsKcF3LkGuG+NnijWPA/wx1rxHoc1ul9pqpKEurczJIpdVYYDg5wwNZGk+NvENn8XdI8JXl9Za9Zahpb3s1xbWxhksXXGA+CylXPAGc0rE3PTv4Tx/Mn6YFHfaOp7E/wD1q8v+H+u6h8YLO88TnVr/AEfQRezWmk2WntGjyLEdpnldlOSzbvl6AADGc1S8beIPEvg3S/DHhZNaNxq/iXXpbCHWiFLraBmk3hQNu/yyq8jFHKM9b3BCQ2F54JP/ANalbK9VIU+wz7YOSPw614z8XC/wi0nTfFXh24vd8Gq21pfWt3eSzRXlvM5Rgwdm2uCVIK4HbpWBrY1v4V/EjxZ4m0OKa68IWlzb2+saMrs8kMbW6ObmMEn5lYnIHYelHKM97uNXsrSF5Li8t4UjGXZ5VCoB1LHPHPHXtWfeeNtAstNTU59asLbTGcoLx7hBFux0DZIwK8u3eHtd8J/FjVdKgsbu0urYzR3UcSN97Ton3DjIJbLH0JOa4jxlcavL+yPDbt4YS10/+ydPY30l3EQMtFtcRhc5Y5755pkn03Z6hBqFnFdWsqXEEq7kkjOVYe1R3Ef2hQAOhz61g+LrXxXfR2cfhrVtL0kLD+9/tC1aZs4G3ZhgNoHHIrnJPB3xFuWlab4g2lovb7HoafoXc0DO/ay3sjYJK9cA0v2TZIdgK7uzcfzrxfQvDXi3WvHXizQtR+JWsm10hbJkktLS2haXz42c/wABxgqR1rppPg3DdKgu/GnjC9C9MaqIR7/cQUCPQ/J+XDJwe+T/AJ/Wua8YfELSPBf2e3lMuo6xdNttNFsV826uW9FUH5R6s2AOvPSsJfgL4UuG/wBKn16/fuLnXJ3J474YVm/ArwnpPhXxJ8SI7C0SCW31v7JFNLmSdYBBCwj8xiW25YnGe9Ay9b+Add8cXsN/44ujp1lFKs9r4a0y4IQEcq1xKuDIR6Ahe2K6jWvAVvrXiKDWk1TUtJvoLb7Lv090UNHuZvmV0YEAtxXUjHUN3z1pCi46DHPb160Ac1p/w/0Cy8P3Wi3Onx6raXUsl1eNqIEr3MrjDSMxHDYAA24wAAK5Vvhnr3gctc/D/XCLYHLeHdcJltWzziOT78R9MkivS3YFvmwec47flSsyKMnrjA9h6fSpGfOHjD4mav468WWXhjXPA/iC303R3ju9ZsLCH7VJdzctBEGXjyTy5J67QK9I/wCFtalcHfF8OfGDg8ndYpCPbG5+B6cdOKd4UaP/AIXb8S/KCqzW+kluOoEEnH09q9DGAOvHpmqA4bTPHniXU9QtoD8ONZsbWR1V7i6urdfKUsBvKhidvtjNc3NcHxj+0VfeHtTWK50bw1pMF7b2UoJjmupiuZpF6NtU4XORxXrjSngdsggH1Fcj4n+HseteJrTxJpWqvoPiS3tzaG4jhWaK5gzkRyxtjOD0III9aAMT4meAdEh8J+L9btdNt7S9fw7d2kghhSNZAELhmAH31x1HrzXlfi7VNfuP2S0gfw/FFpo0WyY3Ul+m5lDRkMIguQTj1H3q9u1DwLP4g0XVLPWPEM1zeahaPZSXNvbrGkMDjEixx5Ybjj77FiOaqXHwn068+Gsfga81TUJdFEK27sgjSWSBMFFJC7eCo5xk4oAteLvGl14R8Lx6pHo0uqWtvbLNdPFOkQiiAGSu4fM3XCj0rtIOUHBQ9drdRntXCeLvC91r/htPDcWmDXrKW22G6v7xUaCQDCMcD5iBnpjoBXU6Lp0mj6XZWLXLXrW9tHD9obO6XaoXec9zjP40AanK8dacGwMdDTl4AHtUbKW70AGMsTmmk8mkVTnk5pwX06UANVRUmPlpCu2nUAQspLYHSmutTs21eKhb26UAR+X7U2Rdqgip9vy570xhQUQcsM001K1R9SaAGYDLionj56cVNikb36UARSYVcgVAzbhmrDEVDNjnFAFeTPambd3WpMFutOK470AV9m0n0qCRctVtuvB4qCXC/XtQMrXEaqoOOah5A4p0lx5incMBepqk0+5sA4z0ouUTSMR24prDcuc/hUXzY5ORVb7QV7ipAfJuHbikbDJ05prSGSTBGBTFk3ZAHSgkY68VXkWpnk+YhutQsx6UFEfQe9MkUbc0m7cSO4pkj7VoAibuaryL8xPap2cNzUUmW6VQEO0c1Xb7xFWWwM1WmIHSgCtLH8/XioJ4/wB4KnkyW68VE33cnrQBWZKZtqdgTmmbTTA+iX4XFVmU8E1fkjVu+CKgZd3XkVAEcfNI0nl9s1NHGOwo8vFUBFG3mLnHNSRoc57U+OMhuOBVny9vAqSSFlIXNQlmbjpVnY27Bo8nPUUCKhXbU8anbTpIQAMCnRqdtAFaRyrYH41KuD0FO8ndzmnLDt5zQBA8ZDcU0RlXq0yj60eWWGRQAKu7Aqu64bmrscZ2g96a9vvJOOaAKKqy807q3TIqZoWXineXtUdqAEXtxQyj05oGM9acAMk5zQSMZccEZFPWLK9KdtD8mpVIHGKAKrQ7uvSo5ItvQ4q7tG4AnmmNbhuvNAFdIwvNIzZ+lTLHlivpTWhI6mgOYgkhDc1IqYApzQnrnikMixsq0AJtPpmmNmrcf3evFRSR89aAEVQyjJp+07eKYFB71KmUXjkUAM54qxHlarCZQxBGKnWTEYZjhfWgCctuoxmmIcjg5FS9BQA3bShachB60v0qihjKR9KbnGKmPNR7PmqiR34UbB6UvSlzSAjMfzcClCbetSZ4qPcagBHPNBHGKXA9KdgVQHm/7QWhX3iL4O+JNI03T7rVNS1COOC3tbWIuWPmIxJ4wBhTWLoHgnVfhz4wHiDw1ok03h7xBEjaxo2FhuLK4UALIu9wTGTncoPBG4DmvYGzuJHH04zSp8i8AA4xwPw/lTEeSfDzwj4p+EVtd+HLLRl13QTqE1zYX0F3Fby26ync0cyuR918/Muevet3xn8Pb/xxoOlTTX1vZeJ9Iv11WwnjUvFA4JBhIAy67flJPU5I7V3nBGMA/UenSjPy4OCOvPP40DOA1DwPqvju+0dfE40+z0bTruO+On6fM87Xk0fMe9mRQkan5tpyT3zW3ofhu/0vxD4j1G7ubW4ttWkilFukL5GyNYvmLcMpVeeM810pbK4zx6Zpuwdgo78AUEnA6X8F9G8O+HvFWjaNcS6ZYa/cyTuqRh/IEkQjdY8/wnBOD0zT7j4Q6dqPw1tfA99qN/Jo1tFFAzRrHHM8UeNi5x2Zc5HPrmu54VcYH5UseFUbVAxyOKQiCx09bGzithNPc+Wir5k7BmbAxztAH6VBJNi4MaYBQYNX9x55Ofrms1YTFcy7Vy0hAXJzkkYx+dAHnnhWOWT41fElvNwPK0on/vy4/lXcrFJNISZSGB4rjPCL7/jd8SAmHj+zaU2FXdz5T9MV6D5J84SbcDHIbjBx1oYFaGYjPz4Y5UZ/H/CuO+G+n3Nr4y+I0s9rJBBd62JYHkXG9fs0QJX1GRj8Ku/EzW9U8HeEdQ17SbO01JrGMzT21zK0ZZOg8sqrZbOcg46iucl+LEniH4X3/ivw5NDDcaemy5sdRhdjBKGAkikCtlWBP4496APU5GKzBensO1V7q4eG6giC5V85NZOreMtE8J7P+Eh13T9PuigY/aJFh8z+8wQnOM9+lc7ffHb4eQyKf+EtsJevywlpCP8AvkE/pQB2f2k7056nmkMzyzADoOK89/4Xh4H/AOWGoX14QMr9m025fP4+XikX4z6XMG+yeHfFd4cZBg0abB+m4CpAZ4Wmb/hd3j+NzhnttLyfby5q9DVfOA+Y5yMV4V4d+IWpyfGXxfcWvgLxJcvdWWn/AOjPbrFLEUWUbpAzDarBuOe1egw+N/GkkavafCzVGO0FRdajbRjOOhwx/Sk9ykdhq2pWOjqZb6+t7GLoHuZ1jUn8T9aoal4w8PaLYw3mo63p9ra3WBbSXEyos5yMBcnBJ9q4f9oVrjUv2cfEtzqunx2l8LOORrcusxgcyp8quO5Hcetc58atQ1W+8B+GUufDraRZLrulDz5LiI4G9QMKuCAd2cVYz3jzPOXzIjvjc7kfnkHofyxRLD/CRjJy2OM1f+VpH24K5OMYx19qRkDckZqQKkUJWZ27N0PccDOD26VPuKzFyM5607heB930pQwwfegBeRz2pvLH2pWcd+lOG3txVACqNuKPun2prTbTjHHrUbz+hqSiRvvDmnDGPWqxbd060+PI6mgkkIDdqTaB2p9ITigBj4xgDFQNu3cnintMvOajeTAqihrA81DuK9alZ6hkIxQAqsGpGIxUPmbOnSmmbOBUgOk46U1l3L1p/DL71Cxx1NAAI9ozmopF3d6GkwPQU1mDDigBpTacZqvMOcjqKl/nUUhxnNUBnyR43gnhqqyQvvUjovQ1emUk5NM6VIyFYzjrmq/2X96WPT0q6zbRUOc5NAEMyhm6VSjQrI7dqv5GeaYyheg4oEZk3zMWC4qjcXBWQjOGrZmUdhVSW3VvmIGaBlC3JLHByabeEx4B4FXFiVGJA5qtcQiSQsTzTRRV8wAcdKTzdq+lTNB71BLCemaoCEybmPpUU2DQVaNiMZqCYMzHikArY65qFsc80xmK4zTHO5SwOKAH8dO9JUMLlgTUmTVAfSJxjnrUMlTSLtXNQthjiswuEahaexG6jb2prYFAC7qljeqw61IvHWqJJ2PzGjfgcimhgxxTmIUc9BUiD73BFIV2gkGmefuzTfOYcAZFAEkbE9aGG7HNNjY4zikySwzQBII/xqVV4x2pFwFFO3HNBI/BApu8qaeDxTWXOTQAx2VqqXUo8xFA+9UzehqKSDzZUbptoAaYV8zG6iBV85lOSe1O24IK1PDGFYSDg0AV2+UsB2NJMxEY55zirMkasxbHJqKS3Mij65oAjXcGQ574p7yFZMDpTmXbgHnFP8tWIJoAqPMysxBxSNIzbcHnvU4t0kZi3SiO3ReetAh4G6PGcYqg7N5yjrjvWh2IHFJHaqBQMrySdPmApjTZXI5q2bddvTNQLboOAMUAVmmZY2bn6VPbbmjAZjUuUXC7elPVwDgCgBnkY560skJmUAjj0qyuGHTin4C9OKAGIMDFS1GvennC81QCquKXPpSM4xxUe6gCQt0pd1RM27HrS59qVwH7+ad+NRLjcaC3NICRm2jrTcimMfloFBJLkU5cd6hLGnR5KnNAhzEdqbu2pkmlK7QTUJYt9aCh6tnnFKxHfrUKht3NSYytUIcuMUjYpFpjZ4qRBL8vShW+X3prbqbM0dtDJLK4jjRS7u3RFAyWPoBnk0APR+g5Jzkgeg6/0rzzx74wv7zWY/B3hR4j4lni829vmAePSbU8GVh0MhwQqE9iTx16LTfiN4a1C/t7O11aCS6mcrApYhbgr18tioD9OgPT161h+IPhauoKNM0p10jRNXvJL3xDJGzG8vsjIhRycgP9088IoAxTRR5h4J+Gdj4y8VXV5oera/Z+D7K0TT5NUt9RdZtYuomb94hIOY13Nkjgn7uAAB6J/wAKF8MLHtuL/wAR33bbc63OQfrtcD8hXfWenwWFnbWlnBHbWdsixwQxDCRqBgBR2H+P1qzHHt56eg9PaqJPPPiVpmmeFPg1rWl2UbWtqtv5VvDK8kzO7PuIDEszZ5Oe2Mdq4j4xfDa+vPtni3wIVf8AtmNIdY01VKrfRO6bZ1H/AD0UAZ6cCve1hIkLj5WP8Xfj3p/l7WyuVbOcqcd80iinqeg6Vql6tzeabZX00YKRzXNtHI6rnOASMgHrirEFvb2iBLe2t4EHRYoVUD6YFSLHtGOlKwoJK1xcSZ+83pTPtUsi7TK5GOhYkflUzKGbGKY1p8wPcj8Poako868OqF+O/jlTyW0nSzn2zcV6I6/MCfmI6E8msC18Jw6f4+1bX/toE2qWVtafY3ULsERlw+4nnJkI6dq3NQvbXTLX7Rd3dvZwA7fMuZVjXOMnliO3bjNUI5r4k+Ch8Q/Cd34dnvpLCzvQqyvDGrOyqQdoJPHIHvVPxR8LIvGnh/S9Gv8AWbyO3spobk3FpHHFJLJEcoxyCOPTocV2VneWmo2qXNpdQ3NrINwnhcFCB9M+oz6Vkax488O+Hbya01DV7eC5hXM0e7f5XBwHx909OD2IPSpGb9vG0cYVpWnYDBlcgs3ucADP0FSN92sPxR4+0LwZoCa5q+oiHSWxi9RGnTBxhspnIORg+9UfFXxM0Xwnpel6hqAvUtdRlWC3ZLSR2Z2xsVgFyrNnuBQM6THzGiQlVyKS3YyQRO8bROyAlXGCDjv71YRVZeRQBW3Bl561H83bpVzaOwpcLg8UCW5SXd3602TO7pVwAdhTmjBXdigZSjVscjmpEZuhqfd7YNGB1oAZvx2pGJYe1Pagr3zxQBSnjIwQKFyygHrVwqGXFQyIOxoAgZetQyLtXpVpkK98io2XJ6cVRRSGXGMYpgtyx68ir3lqueKgxgmpARRjiopFGc55NPLd6ic7qAI5IT/F1qHbtq1uyOTUcgHUUAQH5aikw9TNg8HrUbqAuKAKkoO4UzbuznrU7KM0xk6npQBXkTjNRfw1ZbFQyL6UAVGHz9cUr52+1SEAckUx/wB5kA8UAUpnPQVA0m6rcse0HbVRoepxzQBDuxnNRPmpWQcZFRtnmgZAzHOKhk7+tSSMd3SmMORxVFFWT361DViTGPeq5Uqc9qAIZowe1VHi3DrV2U9KgYDmgCvHHtJzT8D0p1NpgfSE2WHtVbdtfpVx14qN4x1xzUEFdpCTnNNbOKnaHvikEfYigZFGTtqXGc0eWF4qeOKgRWGU5zzTWlZmIqy0I3EkU3yxnOMCgCuRtxgc96kHSpljBBxxTQtBJD82OtOjPrzUvk5BpghZTnGaAJw2falBpB06U9RmgB8ZzSsfloUbR70nUHNAFeQck4zTdx2jjFTYoYc47UAQrnriplpwXbTsAmgBu3mn7eOaMUhJoAruvzVNHgdRzS+WG570MpVfegCOQdxVfY2d1W41B69aGjyaAK6KWOe1TqoxTlhpSu3igCNvQVEYCec1Oq7qfs9qAKnk8c8mljjqyy7RUf6UEj0WlZvahaf+FAyJaVicUrYHtS7Q1AiHmlClqeqckHmnrxxQMi27SeOaVVzmp+MdOaZxuOOtAyPaV+tOWMMvvT9ueM0jR7ec0AM8s9KcIzSCTaRzxUnnDtQIi8s5p8YYZ9KUv04p4bjpigkT+HNM2Lk8c0ryBeBTPM68UDuIR605fu02NvMOTTzxmqEIF5oZAF6UBsCk83dwRzUgN2968n/aUup4/BXh+xMzw6XqfiSwstSMbbS1sznchPoxCg+1etZ4xWd4g0PT/E2j3OlavaLe6fcrtkhclec5DK38LDswwRVAcB+1Dar/AMKP1wQxrHeWT27aYsahDFcCVRGE98ZGB1A9K9OtFmNnB9p+W5MKecBx8+AT/wCPZrk7X4e6ZDdafPfXmoa0NPcSWdvqFwkkULgYV9qqN5UcZfd0rrFZj97Of9rqfegCXaB2/Kk2jrijcaa0nGMc96AHEg9aAQKjZg3Sk3VIEu4Z5okUHpUDZzxUyE7cHmgoYqDuOa5P4v8AjCf4e/C3xP4ktI993p9oXhDY2+YxCKx9wWB9OK69QTzVDxL4c0/xZ4b1LRdXi83TNQga2uFDbSVYcYPZgeaoZw2i/Cnw9qHgOC11W0TUdQ1GyV7vVZgTdvPIgLMrg5GGPABAAAwK574cxnXfjB48tNVxqS+EY7HSNMjugGjiVo2Z5dp43uynnH0xXTeH/BPi/wAP6TFocnibT7jToY2hjvDaOLwR4CqvXYGAyN5GOOlXrn4Yx2vib/hIfD2py6LqstulndtLF9qhuo48hHkQkEuAcblIqSDg7ia58E/H/wASaZ4cQx2N/wCE21d7OMYijvI2ZI5Ag6FwozjGc85rb/ZnCXXwU8OXLn7Tcass11qUxUM9xNJKxkL+p45Ddhiuy8MeDYPDmoahq0l5JqmuagES41KVFQtGh+WNEUkKg4z3znPNY9v8JdOsZryPS9R1TRtPvJnnn0+xmRYdzj59pYFkB5PykdTVFHgdxJcr+y58VLVZGl0iy164g0rqVW3F3F8qn+6pLDA6c46V3Xxuh8Sr4P8AC0up32lNa/8ACQ6S+yzt5Uk3mUYJZm2kAZJ4z+GK9S1j4Z+Hdc8JQeFp7KWPw/GFQ2dtOYwwB3ZY9SS3JOck9adrHw38P+ItNs9P1S2uNRsbJ1eGKe8myGUnYxIcZIzwT7elFxnTNkuzNxuO7H15pFbd04pkMC28SRoGCKMAMxY4+pJJ/GpFXtUgL04oPSjZSEEfSgBPu07fxTCu75hS4z60ANkz2oDBcCnbaY0fzbju2/pQA84NMkz+FOUrt60Nz24qgId3FRHO7rUpUDP/ANeolj+b5uR9TmpAVmKj1qMNnk1KxCYGM59c/wCFQyZ3AYx+f+FACPIM4xTG5UnFOCn0J98H/CmPuyQM/wDfJ/woKKk2VPHSmFjjpVswtjO1j/wE/wCFRvG/dCR64/8ArUCuVixxTGk4xU0ijbna2fof8KqsCWPBz/n2oGNLfNnvQzfLStH8pz17fN/9aojk9uKAG9ail59qn2FQD2NRXCjtQBXoYcGmbzuwTzTwPXmqAqO3zEHgVCx2t8pwasXCjniqToQ2QOKkB5z61FIeKkP3feoGY7SDQBBKOtV2bFWCwYYqvIvU0AQsRuqKRhupecnNIwDduaoZXcDrULg9ankG0VA78UFEON7EHtUEylTVndjpUcmDQBWao8mpSB+FN2j0qgPpGWTbwKYZNyinTKe1QtG1ZkDvO4xS+YNuO9RSIykdxTI1O7npQBYDDjNTebt6dKhMe4ccUBfkCkc0EkwYNzmhcHIPNQBCvFKrbeKAJjgL7U3cD3pCdwwKg2tux196AJmY5wpqTbTIY8fWrBACj1oAZx3oDbWoYc0hXigCRmzTGfbmhW7GiRQ1AEIlO7FWBg44qFYzuPpUiDJ5oAfnPalXHpUbDnjpRyKAHbuTSt1pqg08jj3oAbuxS7iVFM2nPNK2VAANACq1DU1VNP2/Lz1qSRFbtQ2aQLluKkMfHPWmIjViMU/zPWk8v3pkilaYDmYdaZupVXNPWPPHSgBisc+1Sq1I0W3jrTljAFAEchHXvSLnqKkMIanJDtGKAGqeuRQT3qRVxTWWgojLnpTVLZ64qRcLj1pZFVjQMj8zLZxSyP8ALUqwj1FKYRnqKAKO4+lSR9s1YaEdiKQQ98UEjlwFGaQ5ZcUrIWwACfpTtpVjhTn0JoEVdpzg0u09ulT+Sep598Ef0pxhKrna2OxwT+uKAII1K09h6UMyp9+REx1y6jH1zVeTVbCEAyahZxj1a4RR/wChUAS7TRtxWJc/EDwtZ/6/xJpMfqWvY+P1FY958cPh/Yuyv4v0csvVUuFc/htNAHZ7akjXqeh9jivO2/aE+HuB5eutcsei21pNIT+CqaD8evDTcWmn+I9QY/dFtodyQfoSgoKPQXj3Hv8AgaFix2rz9Pi/dTDNn8PvGd2T0zpRjH5uRT/+FleKrhl+zfC3xBjubqe2g/QucVQHoDLjoKRVzn19K4NvF3xJuFBt/hrb265x/pniCAN+IUMRTG1D4s3MmI/DfhjT8/8APfVZZcfXbGKCTvfII5xijysckcVwa2PxdmHz3ngyyB7rFdzEfngGkbwv8UJm/wBJ8baFbKR/y56Mz4+m+X+lAHerCSeh/Imp/LKr23fgP0Nedt8PfG9woM3xPulHf7LoVun5Ek0z/hU+r3JBu/iZ4okHcQi3tx+icVII9F6dTj8Mf1pxXy13g4/2s/1x/WvOj8FLGb/j48X+MrtfR9aKg/8AfCik/wCFA+D5m3Xr65qIPa61u4YfjhxVFnfNPDDkvLHEp5OWCjjv9ap3fiLRbXHn6rp9u3ZprmNf1JFcnH+z78OhyfDMMx/6eLqeXP13Oau2vwQ+H1nny/BWjH0L2wc/+PZoILVx8SvCVu377xTo6swx/wAf8WfzDGsmb42eALbIfxbpLFeyTq5H5VvWvw48Kae26DwrosR/2bCLP57a1YNE0u3+aDSrCD0EdrGoH5Cgo8/uP2hvh8q/8jHFce0EUkjD8FU0rfH/AMIsubX+2L0noLfRrpif/HBXpa/JgIiIOwVAB/KnrcSjP7xh9DigZ5h/wu/THbEPhrxbcn+7HocwJ/76xSf8LfvJMi3+HXjCV+wksFj/APQnr02S6uHyrTSMn90sSKBIxXG449M8UAeaN8SvF0hBg+FWvMp6Gae3iP6ycUreNPH8y/u/hhcRD1udYt1H6E16R5e5iaVvlX39akDzSPxB8T5v9V4C0qEdmuNfQj/x1D/Ohr74szcL4d8K2x/2tYkf9BH/AFr0lTuye9I2dvNAHm4/4WzJnMHg63HbNxcOR+GBUUml/Fecf8hjwjbk9Qtvcvj8Cwr01fuih8lepI9M8U7geZ/8I38VGT5vF/hqD/c0iVv5yUh8H/E+ZQG+Imkxr/0x0An+b16Uv3cdBRx35+tMDzL/AIQL4gs3z/EyP/tnoMQ/m1Enw48bTMC/xRu1bv5WjQD/ABr0tkG3jge1MUYHSgDzg/C/xZI2JPirrHH9zS7Yf0qJ/hP4kLc/FPXv/AC1H/stemH5V44qFjk47UAeayfCnXV4b4o+Ij/u21oB/wCg1Gvwl1liSfib4mPuILb/AOIr0d/mxk96XYG5OKCjzb/hVOtKW2/EzxKfXMNv/wDEVXf4S60wJT4m+Jc+8Ftj/wBF16c0a9Bio5IwqigDyz/hV/iFVYf8LO19T2zaWp/9lpv/AArPxMD8nxS1o/72m2p/XFenOoHIAFQ7RnrzQB5v/wAK58YRNlPidqDE/wAUuk25x+VQt4F8fwksvxKVv+uuiwn+TCvSJFG48DH0qJiduMcUAefSeGfiUqAQ+P8AR5f+u+h8/wDjr1BJonxSgXK+JvC92vq+mzR5/JzXo4b5ar311BY20txPMsEUaF2aTgYHv/npQB5w0fxUt9w3+D7s5yGzcR8fXkUw6p8UIuW8PeGrkf8ATvqrqT+DJXUR+PPC97I0dp4k0i7cuUCx3sTE/iG4OOxrXXlR/dIyPoeR+lAHnMnij4hREiXwBDc46/ZdahJ/JgDUEnjvxRBzc/DTXlU9Ps08E38mFembSy4DED0zVWSPbzgZ9cUAecTfFsWbKLzwb4ssQerSaYX/APQGb+VRSfG3wlbttvLm9019u5hfadPHj2OUGK9EaeaNgFkZR6A8VUa6l3kNIx/3jmgDirP4ueCdQcC38U6WWb+GW4EZ/Igfzrettc0zUVH2PU7O6z/zxuEkz+Rp+saXpmpRhLvS7G93fwz26P8AzFc1qPwl8FXrAyeEtLR26tbQCFvzTBqQOpkjIXIGR9P6DOKr7T1wdvbAJ/WuHb4N+GreTdp8usaMw/h03VJxj8GLCkb4dazZ4bTfiBrltj+G+ggul+hyin9aoDspmOCMVUfpXKzaf8RdNb9xqnh/W4+y3NvJauf++GYCq0nivxfpuG1PwM88XeXSdRim/EI4RqBnWs5Hems27vXHN8WvD0LLHqi6l4el6FdWsJYlH/AwCv61vaT4g0nXl3aVq1jqAxkrbXCSH8gcj8cVRRfb9Kbu96dIpXg9x/n1/nUfkv6P+lID6ZfB+tR85qQjDDJAz3bgZ7D6VwV1dfE0TyiCw8LtBuPltJdzk7c8Z2r1pEHbvjdg4NN8kLjnH41wYb4rK3/Hp4QHv9ouT/7JUjH4qYG6LweB2y9yf/ZKkk71V6DtT9oYn1rgVX4rTMAbrwfGvf8AdXJH9KFsfit/0FvCC+/2S6P9aLgd40Y9KhkUc461xbaX8Vnb/kYPCA9hp9z/AFemNo3xTbIbxJ4TX6abcf8AxdAHdKvTmpFwoxXBx6P8T/unxZ4ZT6aRKf5yU4+HviW2S3jTQAf+meiSH/2pQB3a4zwTmnc7gDXnv/COfEllwfHejxe66J1/AyUqeFfiSy5/4WBp5P8As6Ehx/5EoA9BYY5Iz+BprMAOBx6YNcEfBfxBc/vPiTbKf9nQox+m+kbwL46b7/xJ2Hv5ehw/1egDvOFUsQx4zwKak6+XuwT7d/5Vwcnw98YNE2/4pXI4xtXRbYH+dQD4d+K/sy5+J2pqP7selWwx/OgD0bzhn7jfTn/CnIQ2cA/QZ/wrz1Pht4lYHPxT1rOOQNPtQf8A0GoG+FuvM2T8S/ELHvstrZT/AOgUAekMG7Aj2Yf/AF6bHIWl2HGfqBj9a4D/AIVbq7xgH4k+KM91xbL/AO06i/4VLeNIEf4geLXLdSlxCv8AKP8ArQB6Ojdcgg/UU7fj3OfUdPzrzeP4NhmfzPGnjKTb1A1NVz+UdLH8ErBgWl8U+MXzxj+2mB/RaAPS2XK524H1/wDrUggJjLBTjsf/AK9eef8ACi9FbmTX/GEnHRtclx+gpP8AhRHhlhh73xJKO5l125Of1oA9E8t9oIQkd2I4/OmMyYOZVX6kVwS/APwS337XU5/eXWbo5/8AIgp6/s//AA/Xk6DLI3/TTUblh/6MpEHcR3EKjcZUA/vbhj86bPqllGMtdwj6yCuIHwE+He7LeFLVz/00mmf+b1aj+B/w6jQAeDNKP+9EW/maZR0UviDSocmTVbKMf7U6D9M1Qm8deGoXxL4j0qP1DXkS/wA2z+lZ6/BzwFD93wXon/ArNW/mKu2/wz8GW+DF4P0KMj+7psP/AMTQSQf8LS8FwybZfFuir/2+x8fju/pVSb41+AbfO/xlo/H927Vv5V0dt4P8O25+Tw7pEX+7p8I/9lq6ujaXBjydLsY/9y1jH9KAOGb9oD4eJgDxXYy/9cg7/wAhSN+0H4CbiHW3uG/uwWU7n9ENeiRhbfiKKKMf7Maj+lTrcy7QN7UFHmX/AAvrwqWIii1q6bssOj3JP6xin/8AC7bFwDB4V8X3APRo9ClGfxOP5V6X58jc72z9abJJI/WRj/wI0Enm4+L08oPkfD/xpKOxfS1jH5tIP5U0fE3xBOx+z/DLxM6+s3kR/qZP6V6Mu7n5j+dObO0gmgo87bxl44l5j+FuoRj+/catbIP0JqNvE/xJkOYfh9Ywj/p416M/+goTXooxuzgZ+lBYjvQM8/l1L4ryMPL8O+FLQf8ATbVpZCPqBEKSWP4uXCkqfBdoD0K/a5cfmAK9BC807Zz0qiTzpdF+Kc0gWXxT4Ws89fI0uWU/kZKf/wAIf8RJGIn+I9hF6i20BMj/AL7c16Gy7eSTj6mkj+UYycfWgZ523w78Xzq32j4oalg/8+2lW0X5ZBoj+E+pOwM3xJ8WScc+VJbRD8lj4r0P+LPSpVwvrn61JJ5o3wSspCftPi/xheKeqvq5TP8A3ytH/DP3hOcDz5PEV2vpca5csD+TCvSjj3/OmZXdyBmgDzpf2ffAEbLv0OW4Xutxf3EgP1y/9KsxfAv4dwtuXwZpA/3oi/8AMmu1mbK5xtqGFjNOXDkIF+7nqaoDEs/hd4LsW323hHQ4j6rYRZ/Va2oNB0m0UfZ9J0+3x08q0jXH0wtXfMXjA7U1pRu44qQHw/uvuYT/AHRipPOlk6ysfqxNQlj2pu44oKJtzKuNxP403zGzgHFM3EZ9KYJhu6VQycliBliaj27QKVZdwqNphux1NSIkKqcHAH4VIqjvz2qE/NzTl4oJHSKueAM+uKjXIPT8uKUt8xxT1qihuCWzk5+tOx/+uk3HdRNKOgqRjlbHejlmzUS/dOKlUlRVECspplSBs9aZx6VIDePWjbxkGlNMoKEbpSA4FP25X0qGQ7M96BkjMAoPeo3JIzmqsl06r0GPeka4f5QVzmgCyrFRQznvVZZG+0bMcbc1KzHy+nNAEvmDtShziq8e7uOalXPekA/IqNm+alPPQ0ymA9WJXFJilXvTc0AJIRtx3qHHy570s2VbPY0L0PegCD1J6UzzB+NTFMiq8kO05BoAazHceaQsW60NSnHFAEMzYFQeYKmuMbiMVVK7n4oKEkk54qMtRKpXrUO40APLU2R9p2qAS2QwxkEYI5Hfg0xm+Wq880qq5gdUuNpEbOpZVOOpAqiT4N8N+LtE8N/C/wCIml6lo9xfz6hqckNlcJahlimKYTMv8AGCffHHevqv4KWOr+HPhjoGna3PHc6hHD8zrL5mFZiyru74UqM+1cl4a/Zvi0vRPFmh6pqVrq+leIJTdSEW7RSwzAEIyZODt3Mfw966f4UeCtc8CeGI9I1rVbfV0swFtZkRlkjj6hJMnnGcDHYChsFueh7wCaimbNV/tB3Y6VLw3fNSUV5vvDiqMyn5iBzWjK4GOM1Ew8xOOKAKCRjhnHzU1/lZjipmXD+tRzMSKAKO7k5OKhfGTg/lVmTHORUJjXsKAKr7toGcA+nFKi7fmX5T6rxUki7lGKap+WqAjaZ9rIWJVvvA8g/X1rlda+HXhbXmaW+0CxluG/5axReTKfcMmDn8a6eT9agYMvOe2OKYzif+Fe3Gkqw8P+LdY0teMW18wvoBx02uC4H0ak/sPx7/ANDLoP8A4KJv/i67JmPb5fTHGKj2j0plH0nMxVvlyp9RwaavzckZPqetTyLuHvUEeec1mZGXrPizQ/DexdX1iz0xpP8AVrdTiIv/ALueD/8AWqLS/F2heIZJE0vWrDUZkXLRWk6ySKuSN2MZODx+FeHftyMf+FZ6CEUORrcJCsQoJ8uXjJ4wcDrXMG6ez/ay8NX/AIisl8HTNpyw6fFaYkGonayqHkXAySxGCOiigD6Pk+IPhu1i1OWXxBpsSabKIb8tOpW1kPRXbOVOcjnPSt/T9QtdUsoLy0njubSdRJDcRkFZEPRgfQ18gap4in1z4c/tAW0ul6fbS2N2qGeztzE1wfMcb3JON30Arq9J+K+p6ZY/DTwZoge2nuPDa389xDZm6lXCfKixjAwSGyecCkB9NBtwYr1H51i6p4z0XR9e07R77U4LXVNSDG0tZnw823liBj8K8I8bfHPxv4T8O+DL7xJptx4Xs7uOZdWvYrMSeVMp2xgq33UYYfI55xVvXPGupf8AC2vg7bmfS9Zg1a0eZr5rFS5YDLPDJjKBuOOxyKYHtfh/xxoXiy41G30fU4r6bT38u7ij3Bon5G0591NbLED6/nXxp4N+JB8E/EL4maXBqj6PqGteKo7aDUHh3wwpvk3s7H5ehwBjkmvry1WW1t0hmuZL6YctcSKql8nOcDgdaANJOVzuP0zSeZyTg+5NVrdm3Ybr6Va25UjGPagB6XG4A4GPUGpC3mL3P41SaF1X9319KfbTMvDjBqQJzwNvb0qNl+bB6VIW3fWl2cc8mmAxmC9BxTPvZJFTFfSmbaQCLtUkbQKb5I3E459cUsnbdwKUsMDaeKRJJEAuCRSN94gdKFYYwTTVI3etUMfuGOf5Uv3VB7dqacc84qtdbtoINMRaWVvw+tI0x3+gqn5rbkTv3NPmkFupYjPp70CLq4PQ4pVPqc1Qgmd1y3Bq1yuMGgokcD1x+NCryfT1pjKeKriZtrjP3evFBJYkbDAA/WlSTd1FZ6us0wZM4I96tIhFBRY8wHr1p+7aKgWM5zUmDtxQMkV80pbioQpFPA45oELvPrRvPekK8cU1u1Axsk21hj8ad5iseKRo93QU2OEqxz1oAsL0609fzqHaamjX5etBATfMMGolBp8mfWljXaozQAm3aopqyeozT2IpoUcGgBAwbOTimbQzZ646U9lHYYoEfvQBXuFaRcDpVbyWjZShxWi2B8vaq69fagAVPlzS7PmqZMMp7n2qCeZYJFViVJ6L1J/SgCX2pxUY4BqJZCxPynP+fWpl+Zcjr6ZoKI9pPFNMYC5FI9wVwWXHoMj9aryaxaRsyzXdvBj+J5VA/nQIuRR7lz3pFhGSSM1hXXjvw/p6MZvEOkwkf89L2MH8t2f0rIk+Nnga3jJk8W6SvqPtaEj8jQI7XG44HFPKcV53J+0F8Po5Nq+KbSYf9O6vKPxKqab/AMNCeDpF/wBGfVbz0+zaVcvn6fuxQB6MsYxnNOx6V5yvxw0yaNntfDHi68PYR6JMoP4sAKE+LmpyY+zfDjxdPnp5ltHF+peqA9F8snrTGhGcmuCPxF8ZTcW/ws1leODdX1vGP50q+LfiTckCL4eWcH/X1rkX67QTUgd8q46dKkbAxk8151/anxYmyB4Z8LWf+1Lq0smPwWOo2j+Ll02DP4Nsh6gXMpH4cVQHoxbGe9MjfPr+Veer4d+Kdwf3vjHw3bDv9n0iVj/4+/8ASmt4G+INw2JfiPBEv/Tvokef/HnqQPSFRmzwSfoaasZ3bWGD71523wz8WMo8/wCKmskdxDplrEPw4NC/CXUpcG6+JHiyZewikhiH4FY8VQHoc0ZVTj09v8aj8sbeozj1FcC3wR02UZm8WeMrjPXdrjID/wB8qKavwF8MSc3F74iuvXz9duGz/wCPipKO0uYkEZLuoyeFLAZ/D/69RGaDCs08ar6sQB/OuQH7P/gYj95pt5cL6Tanct/7UpW+Avw7XIPhKyl95pZXJ+uXoEdO+saXayEy6lZxlRg7rhR/WqT+NfDluxM+vaZH6BrxBn9ax4/gj8PY2+XwZouPRrfd/Or0Hwt8F2symLwfoKAemnxf1WgY3/hb3geAfvfFmjIR1H22P/H+lVpvjh8PY2IPjHSf+A3SN/Kt+PwX4bh/1XhrRY/Tbp8I/wDZatReH9Lhx5ek6fH/ALlpGP8A2WgZxknx8+HcLj/irLFx/wBM9zHP4A1FJ+0N8PeSuv8Amn/pnazH+SV362cMLBo7aFMcjbEo/pUwuHHT5T7ACqA80X9ojwLyRqF449I9PnP/ALTpv/DQnhBz+6GsSjsY9KuG/wDadem/aJ1wRK350r3E0nLSMT7nNSB5dJ8fPDZ+7ZeIH/3dDuf/AImiP46aMy/utD8USjtt0O4/+Jr03zX7k0jTP2ZgfrVAeYn42WLZ2eFvFzfTRJv8Kib4zQcEeEPGTew0WT/EV6W9xKrEbz+NNWR8k7qAPM5PjRbMy48HeMwe6/2I/wDjTX+M8G3jwb4yz/CP7Fk5/WvS2kkYk7v1qCSSTbjzD+dSB5nJ8brMf6zwr4uj9m0SX+gqH/hd+mRyAyeHfFKe39iT/wDxNelbn6FiaDI/djVAeYT/AB40B+JNI8SwY679Gn/lsqA/Hnwkv+uXW4PeTRrkD/0CvTpLiTpvYfQ1Wkupg5KyuP8AgVAHm7fH7wIVOdUuYz/02sJ1/QoDVe2+O3gG63B/EsKnuJI5Ix+q16gLi5kU7p5CMdCxqojboyJAsgOchlBoA4FfjN4Ek4j8V6Wg/wBqcJ+ecfyq+vxM8HXeBF4q0WU9tt9H/jW9Po+mzFi+l2Uu7r5lsjZ/MVm3ngrw3eqRP4b0eX1LWEWf/QaAGW+u6LfL+51bT5wenl3KEH8Q1TLIB80UsMsZ6bZFP6g1jzfCXwLd5E3g/RiT1ZbRVP5qBWTd/AfwCynyvDVvbnsbWeaMj8nFSUdc0hK8Izf59aiWZupRgO+SP/rVxUnwN8MR7fs763Ykf8+us3CgfQFiKT/hUv2Nj9h8aeKrJj2bUFmx+DqTQB1skoWQnPH04/OgyJJ1OfxriZPAPiuCQNbfEfUJh/d1DTbeUfiVAJo/sH4jWsbbPEvhy+PZbrSpIW+hKOR+lAHUXMgSYAHg1HurkLiT4k28sZn8O+H79QpJ+x6hLGT7gOmP1qsfHPiOxUtqHw+1oKOr2M0Fyo/Jgx/KqA7ZmxnmombaOK4RvjFoUOP7Sg1bRmPX+0NLnjUf8CCkfrWppfxE8LawCtn4j0yeXtF9pCt+Rwf0pJMDo8jr3qKTnHNIhYxLIp3o3O4cg/iKilzw2QFPc8/qKoBjd6bTsZ6Age9Gz3oLPpc9DTNo9KWSZY/vAlRydoycYPbvXnbfHbw5GzK1nrrFSVJj0mdlJHBwQpFQQO+MHwbt/jHpllpt9rU2l2NpOLpY7a3V3klAYLlmOAvzelUbf4G2Fx450zxZ4g1m58QarpaBLBWiS3gtyOh2qMk5568/jVhvjroLsPK03xG57EaNce3T5fal/wCF1aVtJTRvE7E9QNFuOfx280MkwI/2Z9Mh0vxjp83iG+MXiucXGobrWIOMMzHZk9PmHX0q1qH7O+l3kfhCe21/VNK1zw1bCztNWs1XzJIRkBXQ5B6np61fHxq09SoXw14oI7qNFmx/6DVmH40WXl5PhTxc+ew0aTB/Pr+NIDn/AIt/DjU5PD9tbaDc6lq13cqLC8trgJMk8btmWZ9w2owBO3HTgdq2F/Z/8PWuveE9Ssr7ULKTwrALbToY/KMYUZ3GXK5LHJz7mp/+FzQyKVXwd4vZTxj+yHwR6Ypv/C5CpyfBXjBz2b+yT/MsKsDH1L9mTwjfWPieC4vtSuE8RXS3s7SvFujnDFlaPC/LgNivRPDGhLoHh+z00XU96lqnlpPdFWlZQeNzADJxgZ6nHOTXJ/8AC3p+Svgbxc+7sNOC5/DdUtv8Vb/yzj4f+Km9mtEB/V6kD0BIwqjinqK8/f4q6nuAX4deKMn+9FEP/Z6T/haGuZ+X4a+JJB/uxD/2egD0LHXFRSLjpXCr8SvEbqWX4Y+IR/stJAD/AOjKik+IXi1vlX4Y6183QtdWykfm9QB6IqjipMD0rzlviF40DfJ8LtUP+/qFqP8A2ehvHnjpl+X4ZXgb/a1S2H/s1VcD0Rv0pDXny+NvHzcD4Zy5/wBrWLcD9DSt4r+IuD/xbu3T/rprsA/Sgk7yQA4yaf5a7QcV5y3ib4lSfd8Caav+/raH+S1KPEHxPdR/xRuiID/e1r/BKBHoHG7pSAL5npXnz6t8U8/L4b8Nxj1fV2P/ALJUcd58VpJuNN8Jx57NfzN+ojp3A9K2jtUUkYKgHn2rg1b4sPn/AEfwfGP73n3Lf+y0n2X4sTE7rnwjGP7wS5Yf0oA7poQWBIwRUnkD7xGfTNcB/ZnxSZudd8Jx+y2dwcfm1Tr4f+J00I3+LfDcJ9E0uVsfnJ/SgDtVh6+/samRc4HUfQ1wH/CK/Esrz460dMd00Rj/AO1KjHhX4i4Kv8RLFfUxaGoP6vQB6LIjdufw5qu8Lrxkj1HNcAvgXxo2fO+JMg/65aRAD+rUf8K78UOAr/EzVlXuY9Ptk/xoA75oQsgcYGBgrnmpo8tkDk9uRXnb/DPWvlLfE3xMw/6Zpbr/ACSnx/CG4kYed8QPF03qPtMaf+gx1II9I2lQCVIz+NL5TLhivX24rzZfgzYSMRP4m8VTZ67tWKn9FpX+BHhqTHnah4muB/001yf+mKZZ6WyBVycA+/T86rzTJF8zvGi+pYY/nXn4+AngluXs9SnPcz6xcsT9fnpf+FC+AVPPh5Zv+u15PJn8S9Mk7pdW09QfMv7WM9t06DP61nXPjDQLc/vNb06NR3a6jH/s1YEPwR+HkOMeDdLdx/FIrv8AzNW7f4R+BYGzH4N0RP8AtzQ/zFAi3J8TPCFup8zxRo6get7H/jWbN8bPANu2ZPF2kr/uXIY/kBWzD4D8LWrfufDGjxEdCthF/PbV2PQdLt8eVpOnR46bbOIf+y0Aca3x/wDh+rHHia1f/rmkj/yWmr+0D4HkbEWq3FwfS30+4f8A9kruY7WCFsx20MZ9UhVf5CrcU8qAlZGVvY4oA89X46eHZh/o1j4gvD6Q6Ncf/E1L/wALlhkUG38HeLrod9ujun6sQK9ESaXGTK5J65YmoJs88n86APPP+FratISIvhl4uc9vMigiH5mWkX4geMrhR9m+FusKc9bjUbSMf+hV3hd2wMk/jUsY9sCgDzw+MfiTPnyfhtbxf7V14ggGPwVT/Omr4i+K1w2E8KeG7VfWbWWk/RY/616GysGIBpFjPOelAHnck/xdmbiLwXaegaS5kP8AIVG2ifFi4Vi/iTwrbf7MOmzOB+JkGfyr0t/4RSR4KnAA5xxxQB5rD4Q+JFxxcfETT7X1W00NTj6F3qvffDnxdc3EBn+JmqSEZwbbTLaED9DXqMuU4GSPrTGi6HHNAHltt8Ibu4ll+2/EHxfKf7sN3FGPyVOPzqeP4E6RdK32rX/Fl6MdJtblAJ+i4r0r7KrMHwN3rU6WoXoAPoKAPM1/Z28C5RrjTr+84+b7Vqty4P8A5EH8quQ/Ab4eQyIw8JWL7egkaSQfkzGvRfKHcA0xoxu6UAcdD8LvBViuLfwhoaEdMWMZP6rV7TfCujWMYW30PTbfr/q7OJT19lrofJy3SpFjwOlSBQt7NLUkRW8SA/3Y1H9K0Vll2j52B+tIFqRRimBEZJQTl2z9aiaRpG+Ys31Jqw2WpFhpgQovzZ981McspGfwp20L25pePSgCps2k8D8qcBx0/Kp2jB5pu0L1oAj2grxTV3DAJOKk+73p2B1HSgA285HH4U1l+bd/F604NjrTjjvQBDj25oCA5OKVnVVz+tO3LGOTmgCB0/Go2XsOKn3Bs9jTMDOcUARiH5c96jkwvXBqysZk74oaPbkYz+FBRFHhuRg0/HtTREY+V4FIZvUUDFde4qHb82Sake4XGByajVPMPzHb7UEjWb5uOamUbh0zShVVQAKhmUyfxbMdMHrQMcVFNZO9CM20b+vrS5HJzxQMryRgknFMKhQaLq8SPPJLf3VHWo97zc7TGPfrQBSmuHe58lTjA5qKQyRSRowwr9Gq59kDTiRTz3pJE8w5YcigCLAC8jmmMM4I6Z6DqeM4HvT5FYc4yK4v4oeNJfB3hmWSwjM2u3zLYaXaqMtJcucAjP8AdHzH2FAGVqXxatrfWtQ07TvDuveI20+X7Pd3WkWfnQxzgcxBtwyQePqDVOT4ueW373wT4vgHfdpbMP0rpPBPg6HwX4TtdDgmYSJE3nXa4Z3uHBaSbnIY7mbGfaudn+G2uRplfibr4wOPMtbdhj/vmgCH/hd2lxgrLoPiaA+r6PKf5Ctjwf480fxot0unSTrc2rKJ7W7t2gmTd9wlW5wef0rL0fwn4p0vUbed/Ht5qNlExMsFxZRIJAeANwx39KpfEmzm8J6hZ+PbQPOLNUtNZhQj99aFv9bx1aNjn1259BQB6HGFkGc59Oaikj64NVrK6SaGOeCRZoJFDo64wykZBGPUGrDMHO5TQBAVYMBk49Kaw3AjOBU8ny/NnrVOSTEhQLnNBQgjXlTzSSfKuOeO2aVfkz3PpUEzSHquDQBBJjkCoGJjyRwfbinyllbgZ9ajLBu9AEJfOTjrUchDL059anP3sUx492fSgCq0sgTaXYj0zx+VYOteFdC1xGOo6Np98x6me1Rj+ZGa3pIzzVeRflIqgOAuPg34UVjJYWt5oc3USaXeSwY/ANt/SoJPBviTT1K6X44vGQD5YdYtorwMfQuNjD8zXoBiwCRVVmZWPJH41QHF/wBreOtGU/btB03xBFgfPpF4beQcddkwwfoGP9KZ/wALAv8A/oRvEf8A35j/APiq7SQqq8cGoN3+2aBn0yylWDqSCDkHPSntLLsADmnnGOaYzDtWYiJWmbJBJI98GnSTShQGd8f3jk14N+1V48134fWvhO70XW59LF9qH2S4VPLKmPaWyNynDDB9uah8A/ELxDc/tAal4X03WpPGPhCKz33N/JEgazmCk4LoADztHTufSqJPeY5H3EbmP0JqTzpT/G351wlp8bfCt54gTSormYtNftpkN6Ic2stwoy0YfPJA447iuf1j9qDwbo8+vRS2utSNocvk37R2BZYTnaCx3cAkj8qAPWzLJt++2frUTNMVyzMVB7kkfjjoK5DxJ8WtF8N6a2oyWmo3mmpYrqL3lnErRpC4O3JLDDcZx6kVwHjL4wWfiKP4bahp2q674csdX1TEAWyVlvcMqhZTu+VDycjtk+lSB7Wdy52sR3xuIx+YqWO4/d5JOD2rxn4V+KNZvf2gvilol5qlze6RpqRNa2szhkhZiu7H5muo+IHxc0fwB4h0PRLzT9Su7/WsrZLZxK6yOv8AyzGW4J9SMVQHfxv5mOenSpDkNycivKND/aC8NX3hzxLq16lzoz+HJmh1GzvABNGR93gEg7iCox3qxZ/HjTri21sT6VeWl9pemDVvsUrJvuLYgncvzYDAY4JqST1FZNuDyFzj5cfyqG6U7eR97gZz17f1rxbQf2oNK8Qap4Rhj0PVdPsPEsskOn6hdxxqjSqQuCA54z3rL0v4naR4Y+InxZ1C7m1qWXSLSOS5tJ3V4ECkBfIwT1OOuPvHr1qBHv24bdqdeuOOP/rUfd4JIyM4GOR7V4Z4r+K1t4r+DnizVX028sdNTToZ2u9Nv43do5G58uReFdP4lJyM1w+pa4//AAnH7O81lc6jHbajEGkhvLtiZlUKVWbBw3Xrj2NAH1fG3mKdm3OQD32k9AaRpD5Y2/KOwFfOXgn4p2Phn/hdHiKCx1O7udFvxNe2l7fqyHDOp8njCjgcV0Xgz9oqXxR408JaHeeGpdKtfE1g13YTfaVlYBAT8ygDAIXrQB69NNI0m1WbeR25P+fanRvGtu0u9SFJDyFtyqw7bunXtnNcd8Y/E1x4P8DPJp8vk6tqd3BplpIMHypZ3WMuMj+EE9ay/jlHb+Dvglq+k2FsLq4uvJ0qyh8ve8txM4UOOrF/vvnrVAehQ3UV1/qnWTADMY2Hyj1IGTjNSlTHNk8H2Bz+teN6T4NWLxL4Gfw3pE/h/SvD/wC+1fWrqBrYXUYiCeWUblyzDcSwwM8V0Vj8V313WNEg0bSVvbHVrnyLdxMRceUN2+7KBSFhGAASec5xipA9KWQbjlck+o5qRdvAJUSMcKOMn1OM5OPb1rxCH4+alcw3Utp4civI4fEaaEky3ZCSlpFjG07PmkySSvoM8V2ba4dW+LWp2LaXDc/8IzpRuIb2GWQyeZOpzFsxtJKox5BxgYoA7+P5m45ycjapJ56DGc1R1rxRo/hvSZ9T1LUbezsLd/LluGkBVW5GDjPOe3sK828G/FrVfEXhfUPEk1ppcOm2emzXjgTOGtbmJiWt5Q3IwoYn8PWszUkXxB4D+G3h5tPh0a48YapFqmoWNqGKpCv+lSkg8/3FPuxAqgPaVuYZJliV0eZoxOseRuaM4G7bnOMnr0pGzt9K8svPH1za6p8TvED2WmQp4Utha22oGJyXzGZ3iY5+6p2DA5ycVB4D+InirxB4s8J2GoWVlaWl9oEmqXkCKwliwFCOT0RS7YAPYUwPVtvyMS2Ao3MTnAX/AD+Q5rk7j4leHreG4uVubi5tLdiJry1tJZIYypG7MqqVIAzyM9K539obVry38M+H9Ds7mSy/4SXXLXR7i7VtjRwOWaQqR/eC4z3BFaHxF8URfDXw7o9lp3h2O+02/uIdEg06OdYBmYFEUjGMEZyevelZgdRoHizTvFExjs5Jd/kpcpHcxtGzwuAUlAOCUI7jvW7HGvYcDoe5968q+JEz+GfE3wiuoYhbXI1gaRLDbtlfs8sJVos9wpUH2IJHU59Z3ASMBjGT0oAjZfmp/lg8kc0jN3pfN+XrTAcFPrxQyBh04qJpvenrJ8g5oAFjOeKeqjPPWmib0FQtMd2aALmBiom7801LjjGKr3M21lwevWgCyFBGc80qgLWfFOzXDAHC4zU0l5tjXjJzjNSBc84DOaZ56Nx3qpLJheaqiXzJlRRn1PpTA11jCj1pJGCpg8elQ+ayKApBqKZjLCd4xj0pgWchfmJzmnGVazl3SLnPyjpVvbuWgCZWTdzzTIArZwcc5qDY69DTPM8s8naaANA1GDxzUcVyW+8M0kkyxH5jjPSgCQsBipFeqhYtinrKFoAuBqAAxOTVXzs9BxSmYbuKALO0etIzYbFVfOLOFGefTn86fFIJMls8HHyg/wCRSAnaQLg0LIGzVaV9xI6j606JGXGRx9cUwLG4UZqBZM4J+Rc89wP89KGuEWb7P5iC4YA+TuG8Anrtzn8aAJhJ60u+sqPxBplzqx0yLULV9RyQbVZgXBHLcey/zrQjy3PY8igB7HJpjk5X0pcH8KUjd1oArStuYU2O4KKc8+lTtAGJwcVC1uFx1PrQAvmtJIOwFJNOWU4qRkJAZODQsDNnPFUBDvBgx2p8c2QM80klrxgHFLHa8YPOKkAZi0oPbvTuvNP8oLnjmlVflOaAGrngU2WQrT1U/jSMoPU0FEe8tineWsg+YZpGXb0pRkKeeaBlNQNxFPCtSrCQxJqRe1AhpztyetR9zVjy93fimtCF5oGRSDK4qqysFPOKuFe+KqNkyPnkUAM8lVcPjLDvQz7vrU5jqB4iWJoAQ9DVeQndU+1gOagdSaAGfO+FAzk4GPU9M/0/GvKPDzRfEj4gXvjIlpNC0Rn07QsZ2zSD/j4uQPqdgPoMivSvEWkya14d1XTLe6aymvrSW1juU+9E7rtDD3GePTFeR+FvHkfg/wCFcDPphSbw1NHpOsWUPym02vsefvlcEPnvu9qAPTWtbhMBGVgp49u1N+xGM7pJN3tmtOGaK4hSWJleKRQ6MvQqRkY/A1FNHubPegCoQfXNQz2kV9azW1xH9ot50MUkZ53qeGXn1H6Va8sjg8is/wARaxZ+GdBv9Xv5TBY2MD3E8mDlQBxjnuRt+rCgDzjwBcTeG9V1PwReOC2mqLrTLhj/AMfFjIT5f/Akzgj2ruI7wI2xk5PQ15j8RtSufEmpfD2Xw9B9i8WXcrXUC3ybUgtCgMv2hRztBOAP72a1Hs/ijFJF+88IXQUcYe4jJ/nVAd84LKctgj16AetVrjUrOxuI4bi7t7eeRfkjmkVXJ9cE9MVleFZfF76k58R2Wj29qEBjbTbp5Czg5G4MowPxrgfgTp9l4z8HXXiHXrW21PV9Rv7r7VLeQrIYwsm0IpOduFGPlI6VIHq6zQSyZjnikyeFjcH8fp9OaZdSbevy84Jb/D0rxPxR4b0r4e/E/wAAJDZS3VssepSmKGBpJCc748qud2zfgZzwBTtF8RWlh8WvG2oR2OrzWlrplnOtlHBMJQzsyyMkDcZJAyeAByPWqKPY5U3LkjiqEyjzBt/GuI0X9oLwp4jZEtl1ZAZFgLNpsrKshIAViBwOTz7V300J+Ydxx/ngVIFUyonXmgzArweKRYtuQw4qGNTyO1ACtzUEg5qfaarSE5NUBG3HSqs0YbnvVl2/OoHHQ0wKs0W3iovLNW5KiyaYH0lIx21BubnmrbR5HSojCFycVmSfPv7U3gzxB48XwlbaHod5qwsb43V20UY8sR7SMcnk+1Raf8LPEWvftA2vi/TNHk8D+GYLYRXUc22IXz4cDMScc5AyR/CDX0H5YVWaRtiLyzMePrzx/L61HBdw3UZlt547mPO0yRP5mD0xnvjp7YouB81fB34Sa54Vnl8OeIfBD6mLHVDeWOvTXbG1UEg+YVDYDY6HGSeDWPq3wd8bapY/Gm3g8O3TP4pu4ZNMLvGvmKs2cnLfLxX1Hfa1pWnuIbzUrO1nxkRyzpG231G49M+lP03VrDV/ONjf2915ePMNvKsgVieMge460AfPfxE+Hvjjxl4d8A+EjoN0vhexs7U64Y5ohNLJEoQRqC3Kgj82B7Vc+JXgvxj40vvhze2nhYWUOg6r572IuEBt7ZTGI0bLcsVU9O3XvX0IyK2Dt546849Bn8aY0fnHaAdzZVcHucZP/wBegk8c+HHg7xDovxu+IvibUNLmtNJ8QrGLOZ5o3b5CPvDPfFcx+0FNc2/x2+D89hbC8uBNcFLcSbC/zLhQTxnnHXtXuN94w8P2el3mpT6xawWFrcNby3LPtjSRTgocngnIFU9W+HvhzxHrmna1qenLe6lYqDaXXnODFn5srtbHfrU8wjwpv2ddd8U+G/ilPqixaJqviq7jubSxaZX8tYpDIqSFcjkkf/rzXU+GPh74kk+Heq2F54S0jR9dm0aTTfNtZEee7kKBAxfHyp1yDk5JPpXtrYGcHB7+/wBfWo412/KACvHbj6/X3p3A+aND+AfjSxtPhBBJY2iv4QupZL2QXifdaYEbM4zwO9dPZ/B/xXY+P/ibrQ07TLyy8SQJFZ21zdI4cqyLtkUHjcofB7cEYr3by3IViMqpJBY5zgcj9accxxgAtheOtSB816b+zfr+m+B/iNouliGwtPEaRxWOiz6gskVtg5eYuAVA7AckqFzWivwT8Wzat8I7wLpw/wCENtvKuF+2YM2SBlTj0UHn1r6BXcynk7TUbKuAv95j8vqxxVAfPlj8CfFn9l/F61DaWF8aztJbN9qYrBl2JD/LzhCKv+HPgN4m03xl8LtWnn054PCOm/YJo1naRpw28bk+Xjhhwa9l0HVrbWYLyWxaSRbe6ltWMkZj+ZT2z27ZFbKr5anjYC27HQZ9Me1SBwvxu8J3XizwS5sEafUdMvrfVbWP/nqYZN7IB6lR+nFUfF+h6n8Tde8H6tp11p7+H9M1BdV8iZn8yeUAgL0wpQlq9GUmPYVXYF4UgYPFVZpINPtZWYR2tvGplfYoVQB1JxxQAmvaTH4h0XUtNmlkjhvbaa3eRGOY1kQruB45yTxXE/Dv4e6x4N8PQaZcanparaW32eF9NstjS4Xajzt1OPl4X+76Vs+Ffih4f8Ya5NotjJdRX0cRuRDd27QmaMHG+PP3lB7+9bmu65beH9NbUboyPHGwVYoUMsskjDhVUdSew/HOOKoDg7X4Kix0HwJpNtq4tx4fvnvrqc2+5724ZXy4HQNudiCe2PSrUfw21ey17xZq9h4kMN5rV9b3kYNtxDHEV2xu24E/Iu3jA+Y1v+A/H2k+PbXUH037VBLp8v2W8tryIxTRMV6Mvrg/rXTrliqg84+XjP40Aea3fwcN74U8c6YuqLBdeLZlnnmt7ciGMfKDsjzyWVTk56k1ry/DnzvFvhrXX1u8kfRLKWyEeyMGbeVZmZsgJ90AADoB71Ys/H0N9421zwxBpt1/aOl2cN6xlChbhX3qoj59ivPetjQry51LSLG6ubCXTJ5Yld7S4+Z4Sf4Wxxnv+NMk4hvgrYzaP4j0u51q+ubXXNTbUbjCBcKZlkMfvkLtznp0wOK6WPwPbw/EKfxd9suEupLCLT1tUIEKJGWPOOSPmPHTP0rofLkyCAxPRRnr6EHv0/CmK23IZlRcYG4gMfbPGPUjrQUY/i3wjpvjbQ30nVYGkt3KyI0LbZYXU5WSMjoQawovh5C2raRf61q9/r50eXztPhu/KihjkI2h2Cr87AflXUX2vadY6vYabcXUUd/qHmGCMt95UUs7dOnGB2J4rnPG3izXPCPhDxbrf9lWrvpKvNZRfayhmhVATI/ynaRz8vBoJJ7/AMPS+KfG2h6hdqY9L8PPLNbmQ83F46bA4HXaik49WYV1yyHPTB7+3tVHR521LSdOvGRUe6tYZiDkhd6g4yee+fyNcD458Z+OtBj1rUtL8P6WdA0xHb7TqV6yyzhEBYhFXgbsgc88etBR6dnK03k59Kp6BdXl9oemT6hbpbahPaxTXECElY3ZAxC55OCcc+lV9Y8YaF4fvFtNR1az0+5dQwiupQrfMcA8kd/ryakC+yndmpFz1z9K8/vvGGoab8aotDuryGPw83hyXVWjaNVaN0mVC7SZ6Y3HpjtityTx/wCHxptrfrqiz2t1I0UDQRtI8rBcnYgGWCgZLdOaRJ0yuQME0jc965eX4iaKmk6dqCXL3SamG+xW9rC0k9wVJD+WgBYgY64IGDntV3w14s0vxlpX27S7jzoxI0LrtYSRMvDK6EAqRjoR3qijcVSyjaCxPHHtz+Of6U0x7sY/A4xmud8WeILvSbKGz01VbXb8MtokmSsGB887DBJSMEk+pKisT9n/AFa71r4M+FrzUbmS6vZoZGluJWBZsTSAH0PQD6DimSdxJAVkDrj0I+mD/KnRgSRkblJV9jYGcOOoODx+IrhfF/jzWdJ+K3hTwzYaMb211K3up5ZRLGpfylGVXJ427geevSse1+JFrpOm/EjWtH8JX1xd6PqmdTg+0ATXB8pWaZAchcJtO0cYJ4pAeozKG46fjmkjsyqttfAPXiuag8eNqOoeHbXT7FNRi1PSm1aW4guP9TEAu0KNpDby21ckZOfSue8J/GG81bxhpWg6npdtYS6rpk2oIkdwWlsmjCsYrhSoCsFYE4PemUenLHtOAd3GTgZPpVez1Cy1aO6+yXkF2bWTyZvJYMI3ABKtg9cEVR0HxpoHii7lh0jWbDVGjG+SK1mWYom7AY44xng1w/wQhttHvPibFFHDaWlv4tvAUVdqKqwRbunXHP8A+ugk9O8vHykdDUinCntj8a89vfi7pGueFfENx4T1Wyu9U0+z89Xvg8NvHkhQzuQAMZzjPPy461z3hDxt4h8SeKfGPhpdVZ1t9Ms7zTtSuNPEEgM28M4TABTKEruHTk5FKzA9j3KzccD+8cgVBqKm3tZpjBLMY0L+TGPnkwCfl9+K8e8G6/r+s694j1y28Vyp4R0i3ntba6vli8m9vFRi7gqgPkxnHIOSR1wDVD4aeMtaPxW8L2E2p6he6Tq3h2a8kn1BlCXkySJi4hjxmKM7ztUn7pBNFmB6f8O/Flr4+8E6b4jsra4tLa+V2W3uP9bHtkZDuPTqpq7p8l7ea3qVtPY+TYQGIW155wf7QWB3jYPmQJgDJHOSelfMXg/QtS8N/AfwZ4w0XX9Th1qHUkt49N88G2njkvnRovJHcglsnJ9xXoOpJcQ+OPjfpf8AwkdzpcP9m2IgvLqZ3SxMscm4jrsXLDOKZR7FJJef2LfyWMcT30cMjQLcvtiMm0lA7D7ozwfauTvfGms6b4/8BaDcW1i9rr1ndTXEtrIzsJYYlciPPVPnGCewrynT5Fh8J/E/w/rfh+HRddtvDi3MslhdF7K4RUl8uaNs5VyxOVJy23PINZnj+61m8034Jjw3dxx63/wjd0IPOcDJNrbgoOSAzBXUZ/iIFJbknsvxb8eXPhv4a6nrXhq/0+a7sZoElLYmAV5kQjAIw3zd811viPxPo3hdoxqeoRWPnKXVWJZ9oGSwUZ4HcnivDPGvi/w1r/7Meonw1AmnpG1rA+lk4lgnFzHlX7k5Rzu5z1zzXWWmvQeGfjvr+q66zPoWs6NZJpN55RkjKxhvOgGAcMxYnB6jrTA1PiPr1xfS/Dy30TV/stj4i1Y28t1YmN2ki+zSSjYWUgDKjmm/Fy0v9H8H6jqqeNbvw9Bpdk32Ty1jY3N0oJHmsRhi2AAigdSemK8+8I+F77wnpPwctb5XgSbxheXMFq2f3FvLFO0MZHbKkHHvivXfF2rWNxcSeH9S8KajrsVxb5j26eZraRmRhsD4wjDoWzwPSqKN7wndXt/4V0S51Von1CSzhe6a3IKmUoC231Gc9K8t+NPga9TwvrPiqDxHqsfiiKVf7Lgsrgi23NIiw26w9GZtwyWB53HoK6jwTpOq/DXwD4M8Oixk1m7hdLS7khmUrZxt5j7ySeVT7mB6VkeILzx9ceNTdW3gQajpmntt0r7RqUMa+YQymd+eTgnYOwznk5qOoHqcU01pYrPdbZbuG2Es4HAaRF3N+BOa+YZ9Snt/2a7H4l7mfxY+oR6w9+D+9YPdeX5Wf+efl4Xb04zjPNe/afN4iGo6RFeWmnyaXLZMNTuIJSGW4I+WONecgnJyfxrgbX4O3x8J2ngOaW1bwZaakL0XazE3E1ssxnS1CY4IkIBcnG3Penck2PFlna2/xs+GF3Da29vLcLqpkeKJVLH7MpGSBk4zxmvT+55ry/xre2t58aPhnBFNHJPbyap50cLbjGGtlChh25FeliQqMMeaCif73FN2gVGJCB1zR5hoAkXCmlye3SmJ8x5qT8KADjbzSLgdBSnpTPM2nGKAFbHpSxnLGms/tQp59KAHsBUbelOZsCo2+bvVAKrc80/aGJx27VCMq3Jp5k+U461IFYTmTd8uMVXkuPkBz8zHAqaOJSrhs5qp9kyqFSQI23YoAsNO0MeWHy9KfGQ3PUdaZcRtNEVXuc1JHGVAHtQUOHeldtvanKo9OabIe1AyBpTux0FQeYm4kHnvU7ruVvWs+NfLUgkZ96CS6rBlyDkUmeOajtsqhJOae+WoGRTc/dqu2B9KmcMoqrJu444oGEgO7PpXlHxItYvA/iqPxd5KnQNYRdK8RQ4OChGyK4b1xuKNnsQeoBr1g/MuT1qjq2mWeu6bd6ZqMfnadeRNBcRYzuQg7uPUAjH4elAHmHwxv38H6tqHgHUJy7af++0m4cc3Nix+Uqe5Q5U59K9H8zcfcfrXj/hnWtI8K61FoPjG8tLfX/DLvDp2o31x5RubST/VuCThuMKQcgEE9ea7KP4keFpGRo/EelMu3hlvEOPbrzVAdTJOkfVvr9B3/WvJviNqEPjTxla+FXkRdD0VRq+vzH7mF+aG3Y+h/wBYw9FFdpB4w8OSKG/t7TX3Eni7T19z7V5n4wtdL8Rawvg/w5dQtN4juzqev3sEwmKWiYBXcCdrSMAgX0z2qQNz4RW8viW91Px7eKVuNY2w6dCw5gsEP7sH0aQksa9EkXdIp3sNo9TmoobGOwhiit4xDEg2qi8AAcDHtjpUslsskeec/WgocpbzAwJb1Oa4W38A3/hnVtSvPDOs2+n2WozNc3Wn3tqZ4hKSCzREMCN3B2eucYHFdzb58k560kg+YY9MUAee6l8P9XuPFvhvWo9ahuG0cTrJHdRuslw83DsCuVVRjgdiMVAfCOoW3xK17xLevYjRr7TobGQec3mJHFube42gEMGYECvQm9+vGT646ZqJstkdsEfnQB5r8NdQ0DV9c17VNEubKOO9ECpY2ZjGyOJSglZAeN7MccdFHeu/2jaCRngc9M8dakW0gtvMaG3ht2k4fyY1Td352gVE3cdBQBWkRW6VXMPl5xVh12nNRyd8UAVt3ykGqki/McdKt7d2Tmq8ny8VQEBVWU7uKrHp7VbcAjmq0gOSaAIZM8VFtNT1FTKPpbd60kh+UU1hzSVBmeRfE7WNX8SfEzSPA2mWDahYLYNquqWqXIg+0orkRRO/ZCwO4fT1rZ8J/FrwzqfhX7dcG28JiC8k0+WwvXSHyZ4xlkGDggLg8DvWr4i8D3Fz4zsPFuj3cNrq1vaSafOt4haGaBju28HIwcHjHSk8P/DfR9J0aW3vrW21m4ur2bUrm4urdGU3Ev39qkccYX8KgDzj4rajY6p8QvhDqVhYQeI45ry7ZUtvLk+0oIuBlsIQGycMetdDceMYPBnh3VvE7eEzo2rzXi6WmnxxgNKdyiIusZI6uTkdQAK1PE3w5utZ8Y+EtasL+y0y18OSSNa2H2RsP5i7HBYHAAHTAHNa3xE8D2nj7wzdaNdXElmWdJoLyIDfFMhyj4P3uecepoJOD1D4reMdF0fxfNceH4pf7IsftlrqE0M1rbz4zvQq43Bh1H4VoeGfiN4mm8aeGtI1iz01bTxDpkl9afYpHMkLoittkJxwQw6DjpT7z4W+INe8Ia1pOueMX1K/1C0Nily1mUjijbAdhHvBaQgD5u3ar8Pwxv18SeFtYfXoZH8P2j2cUf2LIlDKFZmO/gkKvA44qhHnvjXxVceLf2efiRNf2dhazWWpXFisdjHiIsksamQg/wAWec9ea6v4q/ELXfBcV3Jp5sbe3stI+1wpcgzzXsiqSIwikNGgVRlyCORUsnwOlm8B694Tk8RlYNa1F9QlulsSXUyOGdAu/BAKr6daPEXwZbxBqWq3j+KLmyOr6YmlXsMVshyiqyHaxJMa4PzL3PPpUgZfi74yXOmyeHGM0Ph6x1fSFvYdQvLdpoGuX2kW7OpwhA/iPr7VLrHxG8U3+uXWh+H7ZJNQ07ToLq5kithcLLPKrFY1O9QEyuN3PWr9x8J7ibw+mjTeJnvNNOlx6ZcQXlikgkVRtV0XcoVgpxnkcDioLr4HQw6lY6h4c8Qap4YvLaxi0yd7dElF1DGMKGBBAbHfnrQBhLr3jTVvir8PIb+5h0Se40m7urrTZIt8STIQjgkNzuH3ewI5qSf4qeJNP8Y+HrS5ubW6tNU12TS7mzt7YyR2sZDeX+/U4aQYBYDIGSO1dZcfC2ym1vw5qVnqN/p1xo0ElqDAys1xG7bnV2I4LNycfTpWIv7PNosOl28fiTWVtdM1NtRsoFEQ8h2Yu43YySdx5JJqgMDWviF46h0f4nX8Or6bbQ+ELzbFD9gybhBEJPLJLccd+vNbmi+J/FEHxL8NaVqmo2V3ZeINJnvVghtvLFrIiow2ndl+GHU9c1qTfB2CbTPGFhLrl79i8VTNPfCOKPdkqFwuR/dABP1xV+2+GsCeJdA1x9bvTfaNaNZ2wVI9vlsArbhtySQF6EYxTuB5tqnxO8Z2vws1/W4tVtf7SsvFb6OjSWalGiEyRDC7uD84O49ccV0WqfEbX/hv4h+IFpq97/wkcWkaHHrFszWoh2uXdSmFP3OAc5JrRk+B+lXOg3miNrGrf2fc6n/a00e6Hc9xvD5zt+7uAOK3G+GukXXiTU9avri81GXVLAabdw3DoIXhHO3hN3XJyD1JqCTn7jxNr/hC9+G95Pq765beJp47O9tZIkRY3kgMivEVUEBSOQc5AJ712Xhrx3Z+LtWn0uLRdatgqOxm1DTnit5FU4+9yDknI46VW8O/DPTPDtxpTC81DUI9ID/2db306ulnvXaWTChiQvygsSQK6jVrVNX0y5s7iW4WKaMxNLDL5brnurdvwoA86muta039oLR21Wzs72y1PS57DS57d28yzWMrNIjqcZ3AKARwOnrXp8zSBSYtvmjmLfkhW6hiAc4x1281heGvBth4fuUvBcX2q3sURhju9SuPtDxRnkonQJk98ZNc1o/wntE0vVLO7u9ShS61M6jBHb6kwktTjAAcEHDEFto4GcUFGF4C1fW/CfiD4l2er6dHrerQyW+rm60gHdeJIu1IgjfdZFRRj0xmjxt8TtWl0zQ7N9I1Twamta7b6VLd6hsWVIH3M0iDkZ+Xb2xur0zQdBsPD9q8VisheZxLLczyGSaZsAbmdsk8Y4zgelM8UeGNL8XaPLper2KX9jKVYxsSDuU5DBgcgg9wc1QHkul6DFpfxd+JVna3+oQRSeGLWRJjdNNJB80xIDNk4UqD14JrntNutT17wn+z+s2u6pDJq7vBfNFdMrTDyHc7snLEkDntXsFn8IvCdjc3M66ZI1zdW32Seae6mkkki/uFi5OKu2/wv8LWUGkwxaMiJpBJ09ftEp+zE9SnzcU7knz/AKroph8IfGXy9X1jb4XvX/sdGv5WNufJjkycHc+ScYZiB6V0viLUpPHHxAGg65rFtplnJ4atbyz+2b0WSWQHz5kKso3jKcc47V6p/wAK38LtHqcTaLA8GpPvvYpHkdbhsg5cFuTwP5VLqvgDw3rdrp9rfeH7C9g04/6ItxEH8kei56D26UXA8bh0DSbP4k/CZ9S1Aa3H/YuoW41a+VojdmNlERwTyRxgDr1onkhi+Gn7R0ELb4l1G6EamQvgG2U8E5P3iR1r3i60LT79rFrrTLGZ7E5tPMtlb7PwB8nHy8AdPSoF8J6Gq3KDRNNKXL+ZODaoRM3q+R8x+tArHO27+NpNJ8Of8I2mgtpTadbGSTUpJFfdtXcAFGMbeh/vZq38Roxr03h7wqRuXV79JLvrzZ2482YZ44YrGv8AwKuptbeCyt0tre3jt4I12JFEgVFXOcADoM1L8gkVjGrSqCFkYZZQcZAJ5GcDp6VJZz3iax8aX2vW8uh6xpGn6WVj8yG6spJJmZWLOVIYKOMcYxXkk1xDbaT8ZPDfiG3d9Y1W9urixhaJne/gkiRbUwkLltpUAgfdwc19Arg8kZOcgnqKa+9iCD905Ht9PSmB8teOPC/iZvFXhSzju5G1zSvBcMV/GykxXckc6SvaSMo43qCAARk/U12vi7W7L4k6H4R1SKLX/CWoQrLJb31payeZpcuxQYZIgvMbKSP+A17U25lCqdqg5wOB0x+nb0qdbqZmJMjZbk89ev8AiaCTwHQbXxfo+ueAPFet6TPLbppt5pmoQWELb7Z5Jd0dyYQufnVQCFBx7dK6Twz8K5NeXxXqV9eax4fj17XDqVvb6fMLaYQiJUG/Ocbzuf1wBnvXq+z95v6N13Z5/OnnLZHTPccHrn+ppgec3fwS0+6ura4i8UeIra6t7L7Cs0Oor5jqHZ8s+M9X59doz0FZHww+BlvpXwh0jw/4nbVI7qGRrie1i1JkWCQsyhEMZXjbgkdMk17CsZ5JbOfWo5evqc5z70DPNda+H+oaP4s8D6h4Wtreay0S3vrKaHUL0hlWYoRJuYEvgqcgnPTFWfB+j3PgnWviBqvihrGx0nXdUW9gknulKiNoxFskz0Jx09DXocQKqOT/AI/X1qjqmi2OtWbWuoWNvqFoxVjBdRLImVOQcMCM570CPNPgn4EXSfBfiFrDU544NSmubLR76TJNrp6NKlvs4zgF2cD6egrO8I/BvxHomq+D9RvtW0eM6HaXFlMltbOz3CS7cuzsfmkdl5J4znqcivalXy40RVEaIoVUQYCqBgAAdABxigQh2yetBRR0vQdJ0WeSTS9JsdNmYbGa1tkjZschWKhS3P61z/w/8E33g288Rz3Gpxaj/bWoPqbqls0XlyOBuBJPQgDNda0Y7jdtGBu5wKP4TwDn1Gakkx/HPg7TvH3hK/0C7Z7K3vFUGazAV0ZXDrtx1G4A46GuPk+COnzarqmoy+I9el1LVNOXTru5E6ReYFyN2FTAbaxHHrXpKsW680rKvoKoZwWkfB/RdN0yw0ua81PUdIs7eS1isLiVVh8uSNoyGVIxk4ZuT6560/QPgj4Y8NanpWo28F9NeabE0EE15eySgIeqEbsFeAACOgHfmu5j+Vic45zxT2UbegAPXigRymi/DDwz4fu4bjTtOZFgme4t7ead3t4JGOWaONmKqckngcEkird14D8OzXWpXkukW81zqSiO9kmLublAQQrgnBAwK38DIOMkdM1IgDA7uc8UFGDY+EdE0+xuLK20azis7oq08Lp5iy7RhQ27OQB0B4q5a6DpNq0LQ6Tp8ZhwIilrGPLAOcLxwM88VomEkjnpT9q9hQSU47WCHDRW0MbeqxKD9enWn/OsZAPy5zt7ZxjP1qfy8txwKGSgVjl/GHge28cf2Q9zd3dlNpV4t9bzWbqGWTay5IYEdGP4VvWNubOxhtzNLMyRqjyyEb3IABJ2gDk+lWl/unkUSLjmgsaWLMTkjPBxxT1UbSAMA5zjjNNXDdqkVcYoAa3DZHB9RwaT+I8n06/T/CpTGGpm3HJ5pAQxaTYQ3L3UdjbR3UhJa4SFRKSRgkuBnn61NNHubPrT1cNilZvamBGq7e1O+lAbcaeq4NACLletSbqUqCKjPy0AO3En2o25NJGdze1SCgBu32pVj7073o38YxxQBEyhqZ5JbnOKm49KCN1AEW3jHekEfrUu00YO40AV2X0p6xng45xipfKy3Sn7SKoCvt2ZxwaZj25qx9aAo9KkCDtTGHOasSL7VFgdxQUQEZFV3tY2Ykpz65q6Vx9KjbBOBQBXEQVdo6Uo44qVkxjnFNZfmNAxkijPSoJ4xjpU7Z3c1FM35UAVAu7jFI0YXvg/5/wqwV2gmmvjbQBz+teG9K15421LS7PUWjUqrXVukpUHsNwOKy3+HvhSSYu3hXRSx6n+zof/AImupdtrNxVZgSx7UAchdfCbwXMzMfCmjkt1H2OMf0qxovgnQvC/nDSNGs9LM+3zfssIQvjpkj0roZGKtimycAYFAFKS3KgDPHpUctuzR/KcVcZdxyRSbcZ9KAKawlFxUT/L9avsBtzVKRSTmgogdcmmbRipSaQigCpN0wKrY6k1clQdcVVkHy4oAqyDd9KhdTtq1s6g1DN93FAFJwR0qtJ7jNXmj+WoJEGOlAFNmPNQv92rMqgdBVeRaoCuwwuai3e1Stw3PSk49KCz6U2imuKGYimNJzg1Jkc4PGunyePV8JiO4/tQ2ZvfMMJ8rywwHDdzyOlbzLuYYA3HsR/XFeQeMtGl8QftAaZZ2+q3mkkeF5nkmsSokZftSjaGYEL2OcZ461y+g/ETxDr3hXwBps2oMLnV72+gub5pxbvMkBcIgkwQGOF525JFQB9DeXhnO3cccleSfrx0p0irGpkkAVAu8mT5Vxgk5OOB1OfavnvxY3jPwn4Zt9Om8XyG4bxRbQR/ZJBNLFbTMB5UjMoJIznPoRSeKodX0DWPiD4Sm8QanrOjyeGZNUSW4uB59vMC6lNygYQkbsdqCD3yzkiu7W3nt3+0QSoJI5Y/40I4OMc5/wDr1IymRgFUluhVQeP07V4PYslt4R+G2j2+salNPeaWLxtMjuvLMpNumGafdmNI+cDvXP6f4i13xF8L/hlcTeINSgvbvxK+l3E9tMAGh8yYLlgOTtRRnv170AfSpXy8h+AfbAPsc96xfF3ipPDNjHIlleapfTMUt7DT1JlkbA5z/CB3b6V5r4O1bVfDviT4laTaQan4oh027sms7S4uA8wMybm+dyBjPPPSu0t/Hj2fhuTWPEOlT+Hpo5miSzmkSSaQEDCoVLAlmyoXp8uTQAzwD4/s/HMWpNDaXem31hObe80++j2TQMcEBsccjJ992as+NPGg8H3Hh2I6ZNeR6vqUen+bDIqrAXzgtnrz2HpXM+HVn8M6f4g1C1tItb8V6pdLf3mk2t2qmMYEcceWPG1F5JHJyemK5j4ya1r83hfwddXHh5LDWY/FVt9m0uW7SXzmVXKfOOMFsjj056igD3LkSZOPlBBC45x1+nX0pGPzYwCc4JVcgHpgfka8KtfFGj3Hwe1zX7nV9SttXuC0WqTRhjdW1w8ihoIkY4iGeAeeCSeax9NvGt9f+KGjyXhsbNPDsN3FbWupSS+RNskYsJG534XLAHHOepzVEnsXxE8eN4G03SrpdO/tJLzUraxdVmCGLzX2hyDncPYV1Pl4Z4zIGGSpVTwx/DIwffkYr5j1rwhY2vwN8IailxfSX+r3Gi/bbqa7eQj94PmQtwpGccY4Fa/iqHUfh14m8ep4EnuXs18MfbJoFnkuFt7wy7UcFifn2Fn9ePTAoA+gC4kkYDbMQcEBsj0HIyACfUflXNfDfxpN420jUL25s49Nms9UutOMaz+YB5OFznA6tngHoK86itrKw8QfCTUPBzK91fyiO+WKXzTc2xg3TSTDJyysPvHGGIFcT4A1y3h8V3Fn4mjhn8IXXiXUhYyhh5X2/eQv2kZ+4Uzs9SSTnigR9SteQxTrDJcRxSOcBHk2lskj5Rj5uQaxr7UNZs7jXZIrbT3t7W2V7FGnZZHk2s0gmAUlVG3jAOT3rxvx3Img+MNV1pYbLxFon2+wgubVXEd7psiCNU8g5wyNkHAxnJ610Ohz2Wm/F/4v/PHEqaVYO/zcFhFIZMZ92H50EnYeEfF+s+KvAXgzXFTT7OXVjFJeR3crxBI2LAiLOd7j5eP0HSo/Cfjy51TxB45sNZSx0+38P3cECTLKQCkke8MxbgHLL26jivHdN+x2/wALfgBK5haePVbUsc5ZVHmF8jp128n0qtrWsiw+L/jfUb8w6p4It9bs31e1j5kI+zKkUpBPzxpIvIHoc5oKPqKC4julSSGRZUlztaPlW68j6n8MCqdh4k0jVNQews9Ss7y8UlmtreYSOADjIHsTzyaP7QtZtBlvrAC6szbPNGtmAokXY2VTHCk4wPQ8V82eBPEGnN48+Fd9ZFYbT7He2/8AZ9rbyH7IzxqUillPLS5ILFuAT+JQz6PtvF2h3moNZQapZzXS7i0KSj5cDkn2HHPFcbffFjS/BXhOwv8AWNfs9eku9R+x29zYgJG5MoUrwSAI13Et3KkYrgfhZdyaX4y8P2FldW3iPwncw3k0b3kIS80dSCzLORkFCTtw3JJJrDs02/APTJYLW5ki0/xsLuRIYCzRwC8ZwwQc4KkHjPXtTEfT1vcQ3cKSwSrPbyKHSVDlXUjIYfXrUtRW12b6JbnZIizAOomQq209CQenGKkOVHNSUOYfKMHBpijpnk0Hml7UDHdhTe1G4k4p23tQSCVKIxsBzUY4o3VVwDZyeKTaBz3qQNnk9aY3WmMROtSfypka/N7VJIw7UDHrjbTQF7j6UwNxx0o+vSgkcWAGKRV29uaRwDzSBi1Ah9C8daRuQKVvu0FjXPzcdKXy/fimd6kU4XJNIBVQL9aRsZoWTdTWPWmA5evtT+MdM0xT8ozTgeDigBnNKP1pV6UgO0k0AShx6UBvTgVGG9OlPBxQAM3NDMeKZIw3UueBQBICo6jmhiGFRMw60gegkkXGeKfu28mogw6Chn7Ggok35oyfwqEt0xTwxP0oAlVQeRxTm4qsshDdeKlMlAD6cp4qLfS7j60EkvmbeMUxvm+lCt604bWoKFjwqjFO3HNNC4OKX7vagB+SVxTlx0pinK5xiloAey5PFCqCcEUsZ9adx2oAbsFNPFP4prUACn86Vs4zTVwOae2WHB4qgIfqKX8KDx70VIDWzUTfLt561K3eqkzlpgo6gUASNzkCq+drc8VCrsJHLPkA9KiuF3ybQ+T2PpQBZkcMfel3AKCearrlZNpOcCmtI/lliMc9aCiZm3N7U0oCvSkY/IrDp3pXfagOKBkMw+VucCoMjGaS5m3h/l4AH/6vrXC6v8avBvh3UJbHUPEFlBcwkB4CxLA9cEjocEHmgDtpcP0OKhbHevPJPj94AZwB4q08gfxeYce/amz/AB98ASEqvirTiAOT5wH86oDvpmHY8VEHyo71z+g+MtG8WW0kmialb6lHGVV5LeQOFJPA47mtWO4+Zl24Hp6e1SBZb16U04K9eahEgbII57Go45Cz4X5sdaAHyHbx2qFsMtWJIgwzmqzfu+MUARPDtXPSoZG21PI5YYqrKpoKG53KaryDH0qfaQtQsCRzQBFJgDgc1VmTnPerbLgCoJCNxqgKrZqvIp5q23eqszehoAqyrVd+lW26c1XmUAUFFN1yxqLbVg03aKBn0bIfaoH5zk4q2aYYwwzWZkcrceB9LuvFB8Qu14uq/ZjZrNHckBYSQSqqeBkjOcZzWNN8G/CNx4Xj8OzabLcaXBcG6t43uWM0EhOWaOTOVySSea7t1w+0LuPXjHSkb7vtnGM/pjFIk8d+J3wtSTwnoOgeG9EuZ7SPWYL+7kW4/eGNGy5MsjZZ8cDBOMcYr0CHwPo9lb6lCtrNcnUY/JvJL+Zp5po8EBWducYOMDA6eldCMxsTjaf/AKxH8jTdygmgRxMfwb8HLDpqDQxnT932c/aJg6q2AV3b8lcADaTjA6Uy3+EPhGzht4YtFWOK2uTeQok0gWOUkncBu68mu33Yz6dKjkQNkgZ9uT+vagDB0rwZo2iarf6lYWrW99fY+1TNK7mXHTO5iOM8VB4s8HaD4xit49c0yPU47di8SzO+FYjG7AI5469q6D7oAByPzqNlDK2Rk4B7etAHN+HPBmieEUnXQtJh0wXBBlMOctjIHJJ45PFWta8L6V4kazbVbCK/Fq/mQLMWxG/HzAA4zwOetaysC5HQZ9KkaRehPSgDCf4e+GLj+0ml8PWDnUubzcpPnnOctzyc9+tV1+G/hO1jcQ+GdMh8yEW77IMbox/CfX69e1dMs3Xnio5JhySTtx27CgkyV8K6H/YsekNpFm+kx8LZPEDEvpgHpjt6dqvaLpFjoNs1tplhb2UDnLxwKAHOMZb+9wcc04lRwzD5hn3x69OlWIZF2hlKsvYq2ckdR+RBoEUNN8L6Nockz6bo9jYyTDbI8EKqWU9V4HQ+nTimr4N8PxWv2UaDpgti3mGEWqbN2MbsYxux361sMyr79ifpUUkygjjIoArLoOjx6hHfJo1gl6mNl0tsnmLgAAhsZGABjHTHFSro+mq0zjTrTzZt3myfZ03SZ67jjLfjUm8djSR6hAt2lm88aXUi71ibG5lBAJAzk457dqAI007TYY0iTTbJY487E+zR4TJ52jHy/hU/2e25xaWqq33gtugDd+eOeeeaiZd0nysATz8x4xjk57dDWefFWj/Yo7s6rZx2krmOOZrlNpYfwg9z/hVAbylIY0WNFRVJ2qqgKM+3T1/OkXKKqrgKpJUADCkgAkeh4HPtVBda09dVk0z7ZA2oxw+e1oJB5mzONwXrUxm3HIOR2NSBaWTbkDC7uH2gDd7HHX8alM0nmB97BwDhs8jPXB7VRWTHzE4HI4G49sceuTVdvElhnUNs6yf2e2y7MeXWNuMqSOh/OgDUV89eTT2O7FcXpXxY8HazOsNl4jspy0nkK3mBQz+mSAM+3vXXeYejfKfT/JNUMlb5RxUfmetHmbvWs3WNasdEW2a+uY7VbqdbSDzCR5kzfcQYB68/lUgafnc8dKcZABzVRZCpCc57Z/8A1Vh6l440+1h114995JokQlvIIFy6ApvHUjPy/NxQI6cfN3pN4zjNclovxB0/UtP8MXLx3Nu/iNBJZQNGWbBUON7D5U+Ug8+tbM1wY3LD7u7Gec+vp6d+lAGr5h6DpS+Z3NY0mpSNCzwxl/7qbhlifugH3PFcXo/xibXPBeo+Jl0Kazs7SSWBIJ7hS9xKj7GRMDg7sKM5yT7UFXPTRL6UrNlSTzXG+FfGk2q6lPpGr6f/AGPrsVsLz7EJxMrQsSoZXAG7a3yt6FTXTm6Rcruzk8EDqPWgZbWTPtT93y9ap/aVPGeaZ9qKx8tk0El0SDOKQyBWPpVVZwy5Y4NJNcIuFBycZoEXRIrLTRKN+C2azhdMzFVHFNViruxPQVQzUVt2TTfOG4L371Uju9sfqcVAlwzTMxXkdqYGmrbetPLLjOazDfCNmVxyAG/DmoY75n8t8gqwzzQBrh+OuBS+Z2BzVBWkwMtlT2FOWUxLzzmgC6sw2tg80m4t1qpE37w1ZyepoAlU7fpSGYFtueaiknEeAR1qrJMftEZQdaALUkyqetOFyrACq24CRg3QU24lUx/KdxoAtyShVIXqKRJgw9+9UoZvLZlZcd859qkiBaRnHegRcVs5IqC6uDDHvxk5xTvMKjmqklysmRnIzQMt/aF3Iuclhmp/M2+1ZU6+XNA6ls7tvHb3rRYbuM5oAGmXkBxv7Co2uGwF/jNIYRHmQcsO2KbGrbt7DDUAXUboCc1Mq5PXiqiNipVlA+tAyw3yjFEaiovNHWkSYlutAy3xRn5qgM2JCScrTo33NzQBZxn2pdv40zdmjcRwKoB4709V9OlRq3rUqtQAMAOvWo2609vm5pm2pAT+Gj+EU7jGKb7VQCUZ9qRmxSFqkAb7uapTDZOHwSD1q5u45qGRxyB0oAqfZxuLHPPSmR2YiJx361aUE0pU9MUFEDR/N1pGjyuCeKkZeemKNvFAyCUfIE60NF8gGcmpNpXJpoXdhR16f4H6dfyoJOK+KHip/A/hO5v7dPtWqzutnp1ntyZrqT5YwPUA5Zu4Cmsvwd8Nv+EM8HR2SG1u9bKPcXF5dxAie6kJLu/fbk4AHAAFUdHuT8Svinea6jrL4d8KtJY6WvOy4vv+W0w9dgHlg+5xXo5zyS27nOf89qBnk83hf4lthvN8COT/ANOsx+nap9I8N+OI9Qh/ta38GyaZuIuDaWsvmYxxt3Lj9a9PbLdDUMkIySR+NAzyLxxoq/DvxNp/jXT1ig0u4Mem66kKBFWMn91ckLx8jYU+zCvQ4o2cRuhBRlBBGOeK0NV0u21zS7zTb2IT2d5C0E8WM7kI5/HnP/ARXnvwt1K40O61PwJqkrT6nonz2k7/AHrqxYAxSj1IztbvkGqA7MxHcNxwo6UiwvCuFWp/9YzccHkfTtTyxCkZ6DPHX6VIFWSQ9OlRP9aJpRu2ttRiMgMQD9OuT+QqFmGcYyTwFHJJ9sdqAGyA9QeaiYFlzUyxsFJxkdyOo9sVG7MuAUx/snIJ+lBRDu7GmFepxxQ55z0/GmSFgODgUAQzSDpVaT7xqSRfmz1qI96oCNl9+KqzqN1WnXcOtVpkK+9FwK7d6gl5qzIMCqsjcUFkDLwah3e1TN3qOgD6PZgKj3jn0pkzYqEsfesjI+ef2lPGGs+FfiR8PrWw8SX2jaVq85ivljuNiBBJGuRwSowzdMcmu38J61penyav4ytPFuo3ng+zhurSY6lc+evmRFMypwOMllwea5b44+APE3jL4peAdW0rw/PqGj+H5/OvpPMjAkUujkBWPIwhHSuz+JPwrj8VfCDxL4V0VfsE2qlruKI4QGUlXKYBwMlAP+BVRAmi/HHQ9alngSz1C0uY9L/tiG1nRC9za8kumG/QiuZ0P9qbwz4ibw20Wka5Z2Gu3X2G11C5t18kzZxtyDzz6dM1S8A+BdesfCbjU/AVro+v2ukyaet59qWSe7JTYvlnd8qZ5I9Se1eeaX8CfG1v4M+GOmz6Li68Na1LqN6TcxHCGRG4OeflBPHpUge2+K/jtpHhnWPEFgunXmq/8I/aLeavNZlQlmjEf3sbmAIJUZOPeuF+Kfjh5vij8GbzRdWuY9I1ydnmW3nZYbiElCoKnjOGbkjgA+lQeJvgz4qsvEfxTOi2ianaeOLZUhuGuI4xZOxw/mAsM4APK84xVDxj+zzquot8LtFs4ftuh+GbVrfULyO6WCVzIy7jHyDxyR9feqA9O1T422Gj+B9a8WX2l3kGkWMhhgnd023r79mY+c7CSuGPGK5T4ofEyDWvg/4nvLux1TSrGAwKbvTLmJpWRyCGjcHBx0PuTWb4L+H/AI40H4e6r4K1bSrPxBo8Uwi083N3GDLZ+bzEwz8p25IPrx2FYC/s7+KbP4R+MfCWmBYotZvYW07Tby8VhYwqwYlmGQCSo4HH5mpA7rVvjVB4Tv8AwN4dt9E1TWbnX9OhlsZI5Yy74jB2vluGI5J6Vzdz+1hbp4b1TW/+EQ1GG10nUPsGos91EVgYttABz85+lXNY+FPiu++IXww14WNp5PhbT1tbi3e9Xc7bdp2nHA4rkJv2c/Gc3w58Z+G1h0+O61/Wk1SGX7aAkcYbdtJxwaCT1rxh8Zrbw7qelaPpll/aus32nnVfs80ywJHbhMgsxP3ieAM9a4Lx18e9U1JfhovhOzJsfFF2kga4kVJn2OFkhxjC+7njsBWp4q+DPiFvG3hfxjosOkX95Z6XHpuoaZq0q+S+BtDqxUj7xz0rS+IHwh13xFffD/VNNk0eC/8ADd615PZbWt7YhmB2RgKdwXaF9ScnvQIwDqlnqv7QXiKw1PTr6DVz4caSVBehrREMaYwo53c9RXF/B34xXfwu/Zt0LV5rCTWxda7NY7WuNkgZuh+bORgHpjFemyfCfxO/xm1rxmX0t4b3SDpixCZ1YN5a4cgr/eU/XPNeM/E/4b6t8Jf2edB8M6jPZTzL4oS4jmhdmiO5H4YbQep5Poaok930n46yp461fwn4o0qLQ7+y04arHNBcieOSEKS4JwMMMZ/BvSsfwT+0YPGOueH4Bp0ENl4hE/2Fo7jzJYthO0zDACBlBPBParVn8E77xN8Q9f8AF3i+7tDJfaS2kW1npchdI4mUqZix65y2B6NVn4Q/CfxR8NdPj0e51nSLvRrF5HtZYIGFzKGJKo7FSFGevft04oKODm/as8QReGL3Xv8AhFrJNO07WV0m6Ivi0jMTg7Rs4+pro9Y8UWsP7TuhR3GirNenQZZ4tQjuXV448SFk8vbgvw3IHcGsK8/ZZ1y4+HuseGX13Swuoa3/AGy0yxygLw2Y8Ec9q7m9+D+p6n8YNK8ajVLOFLDTTpgtQkgkwUZTIpxgHdICB6CjQkxPhj8ddT+KVvqHlwadGkdtcma1zIs9sy/6oSAj5g4JyQOK8Q8TaxY65+yzot5ZaTDo6f8ACUIqW0UjS7SS+5g7c4OSce9e+eHfgLc6X4zk8UXmo6b/AG4NLl08NYwuouJHG1ppRxghecLjnkdawY/2Wbo/C2w8E/8ACS2/kWurHVFu1s3BfAwFI3dCWJp3AuWuvFf2pPEmnR6bZDUYfDfnQ6pmQyMAE2ow3bQMt1AzxXG6T+0141uPCfhnxNcWmjnTtR106NLbxpJ5h4GXVicLjPfOa9dtvgvcj4qan45OvW5vb7TDp32UWTbUXYoDZ3g9RnFcha/ssxWngvRPDY8Ut5Gl6s2sRzCyw7ysqjYcvwoKmoKPVfiR4ql8FeAfEevW+Rc2NnK8XGDvwwT8iwPviueOpf8ACs/gZFqTyM82n6Qt3uY/PNcyIGPPq0r9/wC9XaeJtAtfF3hvU9Huztg1C2e2kZECldwOWAyRwefwNcHN8Pbj4gfD+w8LaxqM2ky6WLeC+ijiDi5eHbsZXY/NGdqtxzzVAY+j/CnxBr3wf8M+A72xh0TTlMN3qOovcCSZyX84iNEBKuzE8nHGa09Q+K2t+NbrU18FpHI1vfGztIfspm+0Mj4mllfcFihByB1J2k+1etRN5bKzENIu07wu0M3RsAfdB5OPeuO8O/Cmz8J3E62Wsaq+kNdteJpLSIsMUjNvK7gN5XdztzjnpSJOB8ZfFbxbZ6x8So9LubSPTPDttCIro2wbbdMobyly2HYlkUdhkkjjnsLjXtYl+I3gfRpbyHYukSatrcTW64DRoAjAnOwmRmHByAuKsX/wp0jUPC2oaBLLeG21DVP7VuZFlXzZZvMEhBOMY+VBj0RfSptQ+Geh6prd1qshvfPuNO/skKlyQFh+b15L4duTnk56gUwOe8J+Jtf1b4laxpWoanLpdxpV1NLJp8kSLFPp7KfImibGTzgsc4ya5W88Ta14i+B8putRaa+8Y6o2m2Ekkao8dtLMIwTsAwRAjsf976V6tp/gLTLKa8maa8vp7yyOlyXNy6mZLY5IjTaAFGSck9/bFUI/hN4TTQ9C0n7FcSWujTie2U3L7g+3blmyCeOMdKCjJj1Z7X4x3FhHqctt4d8P+Ho5bi1DqsaSOxCMDjgiGNjzntXmnhHWPFmp2vw2uNT168t5tc1qS8ht5mVN2noHdjNgdCvlKqjru9SK9yl+Hnh2fVta1NtO3XeswG2vJFlcAxbPL2gZ+X5eMrg8k1JdeEdFm1DR719PiafR4zFYnnbCpCjhc4J+ROSCRtFBJrzwpHvdj5UMZMpLYGNvPPpgAewrxb9nXR7rWPAfhy9vbV4NLs5bi8tYXXm4uZJpG84g9VjDKF9WLH0Ne1/LdQyxTJ5kUqNFIrdHVgQwPrnJqezhgtbOO2hTyLWFFRI4xgRIowNo7YxUlHmPjSaZvjx8MWtyTNJY6pHOwPWERI2CewDEED1zXqMiiRgUXJB6msDT/DrDxTd+Ib3y5L94hZ2sUKkrDBvLEAnjfIxGTjgAVuRsUf5j7DGTQMJbeRm4FQ29uyNh/WrbXB3DZ0psso3DtQIc2W4PT6VWltn84OMEFdoq15g25pFbjdgdVAJOBknA/GqAijgePknnvilERycdDTxJ5jE9FJz+faknuILW3eeeVYIIwXeSQ7QqjBLZ6AdeTSAb5J6Z4pY7fEhbOTTbe6S7tUmidZIpEV0dSCGBGQQe4NOhkKselMCOS1VpC53bmG0/SnLYKNoySFAA4qwrhs5NZ2ueJNO8LaXc6lqt7DYafbrukuJmIVRycDg5PFIk1YUCrwcD3oKZXFQWd5Df2cF1byebBPGssTgEbkYAqcfQiniYq2MflyfwGP50iiaNfL5NP8zdmoY2ab+E+3+FBYqeVIJ7ZwcfiOnbNUBHdQtIoYHkdqhtQNwZhhh71znxN8eN8P8AwvJrP9lyalCs8MEgilCCHzXCKzEjkBiOmevYc10ir5MzhsgKWB2/N0Gcg+mAfrTAsYXceKjk2qT8vFZ+g397LoMF5rsFrpd6dwmjjuN0SYdgvz4xkgAkZ45qPXNQuvK0xtNu9OjWW9jWY3khxLEN3mJFjq+cAdqANLg43c9qsGcLHwOa840Lxxdt41+IGma3LY2On+Hri1WOYt5arHNHuzIzHqCVHTuabrXjTUIfiJ4As9PvLefw/ri3fnhIss7Qwl8q/cEkdMHigD0bduYk96ayJGucYX8TXP6l8Q/Dmj6h/Z97q0EFwsiwuSSUVz91WfG1WPB2kg4IrmtU1DUdQ+NMujNq19YaXZaHDqItbQogklNw6MGLKSRgAcHtx60AejrIM5PTGdwBIH1NSI2TkHPt2x6mvFfibLrWg65ol/a+Limq3+rw2ltouI1tWti53j5hvZggJLE4zkCvYZlljt5xDtS4TeYd4JUSdFyOu3JxjrxUgi6rEuQVfKjIO0gY96d5mOW4Ujr94+2AOv0rxLVvBeqeDfHngW70nxNq2o6pqWqiDU4bybzre4tdhaaURDiMLgYxj76V1/xm8XXfgz4T+K9dsBsvbW0f7OehSSRljDD3XeD+FMZ3XnK2/BDMpw3lncEOO+M88jioLfU7S8klW2uoZ3hAMiKwYrzxuwcjPNeO6tYwfDnxV8LJdNUk6tMdI1Jmct9s3W+8StknLbwWz6HHTitTwnptno/x38V29nZ29nG3h+wk2wQrGGPnTAsQAOT3NFmB6uHK/LnkcGpFb5eODVK1Jb5ic/Wrm4AimA4fdwaljfb0qPhulLH6YoAsC4PAFTqdwyaqojFuKtqpoKDcAamXb1quy9DTto2+9AFhSOmabIQvSoV6809sFaAE8zaaGYMMjrQ2NuKZt4zQBEXLdqeretOVTzTdvegAf7tQNt9OanYdqhkiI5oARW4pjt81KFJ5NMZfmoKHhqGbFIsZxmmbT3oGI0wxjHNcl8T7rVbX4c+JpdDRpNWFk/kKo+Y9ASvuF3murZKhePcyHoc4HPXjp+OaCDzPwT4l8K+F/BPhCCxvvK0y/wBtpYSFT+8mKl2Lsejkhs56lvpXoWd0YPbGR9K8T8QeDbLw/wCIL7wZfGSDwv4rU3OkXCnH2G/Xlo19GJG4e2R04rt/hP4rvPEWhzaZrCLD4k0SQWGoouQpdRxKM/wsMEexoA7SPqfSlZdwPNK/y9Btzzioz05zj2oKKl7dRWFrPczyCKC3QzySscBFUElj7YFeOfFjxBDcx+B/Fnhofb9curpLPT7eP5DqNvKN0kbE/dVVG/d2Na3xauZfFWqaZ4AspHhuNVButVkQ4MGnxkE89jKw2D6HFVPh/ap478Z3ni+OOM6DpMbaN4fhVflZUOJp1HbJ+QewyOtAy1H448eq3734bTY5yItXt3/mRWz4V8Xa1q1/MmreErzQI4U81Zbi4ilWRugQBHJzxk+1daynaF3FgowDnggdP0qNWaFlYA4Vt2AcZ68enegDxL4R6XZfFDwrc+J/EsLX+oapd3GG3uBaRJKUVIcEbSAvXqc5JNcpN8TNdtdHm8Hpfyf2uPFZ8MjVmYNILYNu3jI+/t+XP9a9O0fwNrfw/u9Rj8MSWF1o11M93HZ6jI8LWkz8ttKqwZM5OOCM4FY938D45PB0loL+P/hJDqja6NTMR2G8LE4x/wA8sYXnrjPeqA05/h3GsmnHRtS1SxkS5jadZL+VhdQHhg25jtboflxXmfhXx40Xwn8TzXfi2Vdft3v5InnvEaRPKZ1hwrDHO0cd69Z0u98YyG3ivdMstOeExtNcx3qzrPtJJWGMDILbcZbGM/jXC+E/Bet6P8OfE2k6n4e/4mV3NfSW0atDMztMXKqCDwVL888YoA7b4d6ldap4J0S7vrs3V5cWkU008uzlnUMR8uBxnp1q9feJtGtLt7W51axtbtMbrea5QOMjIGCRjgivNpPDYT4U6RZa5Z3lvrFnYCxtrZp3iJvCqqrKVbDcjduyQFHrXYf8IBoWr2ltLruj6ZrOoiFFnup7dXaRwoBYtjJ6f4VJRvw3MN1GJIJo54+gkidXGeuPlJpG5+Y9DzVPRdD03wxZGz0ewh0y13mTybYFVDHqR/hVpn+XFAET/eJ7VA8meKlkbAxVZuc80gGSMOlVJOc1O+OaiYDmmMrvTakkxUW5aoD6HmXNQsCKtyYaoCuT/nFZEGbqWp22l27XF7PHb28ZyZZW2j6ZP/1/pUmn6jb6pZrc2sgmt5MlJFzhuozyB/KvHPEcviLxh8btVs9Os9O1Gy8I2EFzDZalM6wPdzYIlZVVtzBPlBOOa6DQPj34cvvCekaxrFw2i3F+JV+z3IZ2DxsEYfKp4z0z2NBB0Ou/ELw1oOpHTtQ1uzstRxuFo7nzSoAYnaBkjBHSrPh7xHpPiiGeXSb2G+jt5FWQx5wpPY59RivL/GWqXtx+0J4BvdEto9Vlm0C6lhjknEClG5DFiODgjjFbWueLdV8O+GdKf+yY7LxZ4j1QWDrCm5YyGfa55wxEaDGeDmgD0mTCRjk7uD7/AP6qrZO3GOB09vp6V4/4k8Y/EXwx4G8VX93Db2z2DwPpt7d2yK88TttZWjWQhSDxu5/3a0G8eeIPB3jjU9P8SXtnqdkvh6TXFW1tjB5LRsQ8W4k7gB/EfTt0oA9P8z5W3HHBycZ9MZ9ax/D3i7TPFkuqxaXP9pbTbj7Lcr5ZULIVBwd3XgivOLvx54k0Dw34J8W3l7Bf2Gt3NrHd6Uttt8hbjGwxP1JUnBycHBNc94f8UXdn8VvGvhKwvBpN9qniPcNRuIg0axx28eY0Q53Sv0UDuDQSe+j7h2fkq+nrVGPXrQ64mknzWuvIF037o+WED7R83TOc8da8x+I/jLWfCfiFbS71K+0jRWtI0tNYjtElh+1FmDi5ODsAwuMAdc8it2HxVrEXxeudJOoW76OPDbapDGyARLKHVd5fGWHBI9ifSgR6OX2Kucgjpx09qj6c5IHYKDzxjP1968V8C+PNel8eeDrCbU5NV0/WbC7lublrdUtpJIlDB7dgAxjHK5PXGab4V+IupW/iB7XxBeXlnr9ta3dxJpVzEot7wIrMjW7qo+VQBnJyetAHtU2FYBQBk46dSTnA465rK1DSdG8Sjy9QsLPVvsrmMC5RZhG4HIAIOG5XmvNfA91428RxeEfE51VINJ1WNWvYbi4iCusg+UW6Bch1LLjJycHNc74DludH+FevX6+Jbm1nm8SXFn58uJXYC5ClYlCkmWQDAzwCR2oA+gfLSFUiRUjRRtREGNoHQYx29qk54yTuzwePyyT19q+fJvGPiK28E/GCGPVb6xufDzRT6fJdPHLcxq0O/YzKMcnk9wTiteOHxD/wn3g/Rk8X6sbXxDpE9zehljBR444ziH5MISXAyeTyc0Aes+ItWbSdNluIrC51OVCqrb2aZkOWAJGegXqa0CBGXUKzL2AXt6jjrXz3d+Itdt/gXr14niC+N9ovieTTortXXzriFbtEVXbHUq56deK6zxFod14j+NfiPSJvE+q2mj/8I/FeLBaziJUczOg2tjIA2gk9efSgD1jJlQgkvznbyeffI69qcqhCMjHpxxmvCfBnjXVfF2n/AAj0jWLy5jt9a067utQuVmML3MkIIjj3rjbnGSRyTmul8Ka94i0TVvHui2mm3Xiu10fULZLFDOiyqksReRGldvmEfGCfmIIoA7fxRr8+iRRLY6Rda3ezcra2gVQqj7zszMABkgAHBJ9RUPgbxlbePvC9vrFvbzWgkeWGW2uOHilQlWU49GUip7S81PXvDIaeCTwlqtyHSOOQx3MkHON20EZGACOuM5Ncl8F5n0DwHqVjrdxaw2+iatPpqajkRJcoHB80k8MzM5BI7g0AaHj7x7e+C7S8vLfw3eavp9jALi+uY5o4hDGSSdgcjeQAScdADnrXZabqC6lp9lfRlvs91BHcRKQVCo6hlwp6cEVynxO0F/F3gvVdNi8RDQ5BbvM8kPlurDbnbJk5CMB2+8ARVHSfEfjS88CeFdRsfD+n3N/eWCS3kd1eC0Eb7Rjam3jIwdvbOKCTutU1B9N0u8u4ljmmhiZ0hlk8tZGCk4ZsHHTqfWuS8E+NdZ8beCPBmvWtnZQHViJbyGWVgYIiXyIh/GwCrz3z+FcTJfadrfxU8Zab40itQ1no9q2m2t2waKNXjZppIiSAXEmBu6jHGK5DwzLZN8Of2epfOje4h1WOB2804VMzAoRnB5I6iqKPpO61C0td3n3UEO1grB5QpBPRSv8Ae/zimx6hbXF1JbpdRS3UYBeJZAXAJAHGc4PA6Dk184+IPDPhxrP9oBjbW8s9nIr2DSSEvDKLVX8yPnhvM7jnt04rpNOs9N0L4i/CufRUt7W+1DQbr7VJBnfO/kxujSkcud+/kngrTJPYv+Eg0ttUOmnUrT7ev3rZp0LgAZ5Geo7gdOtcrD8TtJ8UaD4km0jWtOsrjT2ltlvL+RWiidVX96VzlowzFcg9V6GvKvhbFoGt2/hOx1K91U+OtM1AmTSoo0SVbgOTLJI2wM0OzLHcxyBt9KW5k0u0+F/xo0K4tY479dR1KdLb7PtyrFfJK5Hcn5V54XNAHqOoeJtXsfiR4C0tLm1n0nWbW6knMUB3yNFCH3q2SNhJyK67Wnu10m8NhGs1+Im8hTypfgAt/sg815St9bDx58E5FlUJDpc6TSclV3WsaKW+rA9TzXoGg6H4is9Umm1nxNDrNoysiWC6ckG1i2Qd+4nAAI5HNBRxulSePtM+IHhrSNS8R6XqdteJcXF5BZ6eY/LjiTn5mbP+sZFyOvNertcJawyzTNst41LyOxwFUc5znoADmuT8J2T33jjxRr8yYihMej2TMCSyRL5s0iggdZHx0/gHauc8XfC/xFf+CPFmmp4vvdZu9T0+S2traeCKGMSEgjDIN2SFK9hg0gOp0f4iaJ4g1yHSbG7lt726iae0aaAxfaEPG+Itw3TIH9K4n4V+PntfB6w6rd3+sapda9qOn2yLF5szJDKwG7bgKqjA3dPujpVtbPUPiDrPwzum0jUNJbwxN9uvpLyBoxAFhEYt48gFw7Y+4CNqnpzXCfDnwf4y8DeJZPEtp4e1S5W+1W9g1DSZotkkVpJK8sdxDuPy/eAZBjPcHAoA9duviNZ2esvYJZahdCC8hsLm4ijDRwTS7dqOcjoHXLDI5NVte+KlhosOqXP2DUL/AErSZRDqOp2kamK2bgv94hn2hgWKqcZPpXJeJPBOu6h44XWNG0jUtB186lAs11HJiyvbECPcZ0JI3hQyggZynWprPwP4o8PaL488K2mnfb7HxFeXlxZ6skyxxQfalIdZlJyCnYYwcDtQSevWtxFfWkN1bSrdWkyrJHNEfldWUkEH0xgivFfjVrt7qy6RJYXj2+i6X4l0+0mkhc4u7gzr5g3AA+VGAQT/AHiQcgV31p8GfDMcehtcWk19eaTa2ttDdfapURvIVQjbA+3+HPI5zz6Vy3jz9mjw74i0iCHSLJbe8GpQXM/2q+nZWhEu6YAM5G4gt+fFMD1iS6torpopLq3SZiCsbyBSS2cYBOcfhXkOj+OvEd1onxXvdR0zTdVttIvbm2Sxa4ZUdYoEJi5Q7lKkse+WPB4Nei/8K28ITX1vfN4c0+e8t/LSC5mUySqIgojG4nJIAxnqe+a5T/hXOuW8nxIs4NV08aZ4pkuZ4nmSTzYnmiWNt5AxsUKcAdc89KS3KE/4WFf6XN8OHOm2Nl4W8SwW8JnDPus5nhDxw7QAAGGFUnjjn0qS+8ba/Homq6rBHpsOmLrTWFtezHYsVojFHuXDuPMO5WUKuCSOKxfHNnYr8M9P+Gl/dwTeJ5NOt7fTYrXcW82ORUhmGV+RUZcnPQZrq/EXwwg1Lw14c0TRtVfRZvD15Fd2kpiE6yeWpXEiZG7OWJz3OaZJh+Cfi9DdeH/EN/4ouIbFdJ1mTSvtMVvKizDYHjYxnLKSD09vernjzXtO8XfBDxZqWmTrfafJpN0UkaNlDMqOAdpA5znnH6VteBPh63gzUPEV5JrN1rS65efbZY7m2QKJiiqz5H+7x3A981s+K/Da+LPD2paO93JaW9/C8Esluql9rDDKARjkZ56jtSAw9H8S2/hn4beGr++ju5o2sLGHy7G3a4l3NEozsXJ2jHU1heKPFc3iKbwv/Z17qmnQajJcj+yIrc2+pXjIFChA4+WNTuLMQONnrXo3hfR38N6LY6ct3NcLaQLbpJKArlFGFB24HAwPwrP8VfDvS/GWsaRqt5JfWt/pYkSOawuWhZ4ZMeZG5AyUbAyAc8UFHlWheLp9S+B+keLPFGt30DWTXUMy6eyxz306ztDBGCo++So+6MNkkU2PT9W8M/D/AE2LxL4h1O41/WtYgkl0xJzJM0b72SwV8govALyZ42tXbQfAPwZZ2VlaQ2l9Hb2N219aqt9IPKlLFgy8jG3Py+nXqSTe1D4U+GdVtXt76wlvY3njufNubuV5UkjDBGWTfuU4Zh8pGc4OaZJ4Z4g1K9m+DnxP0y8upGfSvFEEFsHuzcPbxGa2fYshySAzHnOOT6V3lr4Ri8LfHDT9I0q81C60jVdGun1a0nvnmVfLZBFPuLZjLl2GQRx07V3kPwt8J2KarHD4fsli1ZVW9jYFxNjGCQxODwDkYOeat6H4R0jQY54LDT4oIrgBJsszs6g8KWYk7f8AZzjigDwXwpp95rnwL8Aw2Go2H9rw6lqM1tZ60TJb6iVkn3xytk87G3AsetS6pqGm6j4B+G98mkxaDcWnjaO3a1LCRYiJ5Wm2EAboy/foBgdq92bwR4bW0WzTQNNFospnFuLVPLDnqwXGAavpo9itvbwfYLQwWyhIY2t0YRgf3cjj1980BZnzb4w1KbSPjF451ZhFqnheyu9Ln1fS42+eeFYCizL2kEbkHb3JAORXovivxJpGrfE74RajZXMEtgJtQYSw8hA9ttQYA+U5AA6dCO1eqrDBE3yW9vG/cxwopPOew9h+VTLL9nUCL91xj938vQ57UFHzpbx3Vv8ACrx98PtX0+5ufFt3qF6LW38subp55GaC4jblcDIO7OVC/hXc+G9Ln0v44Jp80wuLqDwRaQSzByQ7JdFWcd8ZBPJzzzXqX2gmMLuJUDaFJyAPT6Hv61zOpeB7bUvFkPiFNS1DTdQW1WyItZUSOeFZDJsfcp4ye2KAOG+JmjwfFTSdV8NL4U1CLWPtC28GpXtkI1tgsoPnLKeo6nbnvXpU2rXtjrUNlBpF1e2QsnuP7SjdNhdflWEfNne3UHtmtWSRS28lsZyAe3XH8+tSqysAWy3ocmkB5Ho118QZtbm1O58ErHf3Mn2VLm8v4fIsrXcMqI1bdnGGbjLHjoK6zxZ4cuvG2l+LvCuqWiWWg3lrHBZagk3mSSEqSXZeNoRwuP72DXYOo8zcPvcfMOvBJH6k/nVeZhtwQPy/L8u3p2pgefab4H1zXtc8GXHiKK2t4fC0bSQpZziU310YvKWVR/CiqpODzlhTNEuIr349eITbSxzBfDdkjSQyBxu8+Y9vQHP416NExZmJOd2SffPWq2n6HpmiiQ2Gn2ti8oxI9vCsbMMk4JAyeSfzoAuwKFHIyD0qZo8HPWovM5LYGSc05Zm2kkZoAmjqeNtuSetVklyuehpPtAHWgDQhkA5PLGpfM29eKpLICAM4I7etEk44JbhetBZe3DFIG5zUCTq6jmnK6qxy4oAn3hmxUm0bcCqxmQHlgKWC7jkVmWQEDjmgCYY79aKiEyyMVVstT9x9MUAI2Vb2peKgnulXvzTftG77tAFnj0qOQ81Et2VIBGeaha+WSRlwSQaALDAduKZIvzVX+0g7jjAUUzzlk6MemeKALe7bxTWI21Qg1DzVdim0K2PrQ2pIFOVYAdTQBZYgVE2DnIz+FQQ3qz4OCoJ4zSNdD5iOgNAGB8RPB8Xj3wndaQHFtfq63On3hHNvcqco+ewJAU+xauQ+G8UXjLWB4qkkn0vxFa2x0fXdN25QzIcBn9MFSAR2xXorXmZFBBJauL8TfCvw74o1y41aQ6pp+o3KqlxJpV+9sZyowrOAMEgcZ6mqKO6kJYgnr3A5H8qikDryFPf39D6/WvNW+B+ibSo1vxSP+4xL1qC3+CenNvK+JPFkQHTbq7/4UCMT4gaLLoeoajYaTfNeeLfHV2LaK5lXa1jYxrhyMdFROh7sxzk16XoOi2XhnR7LSNOjMVjZwrBCDwdoGMn3PU+5rG8MfDXR/CmqzanHc6lqmqSQ/ZxeateGd4oiclF44BP5108jKrDjGfwqRjye9RTFWHTnpTGuFXjNR+aG57UDGtkdOKgbK+2Ont9KlaYdzzUMsybeuaAIJm8zIJyD19/r61DJ0I7VJ5keSCRUUkinpQBieIPBuieKvs/9sact6Lfd5P7x02buuNpH+c+tXbSytdJs4bOzh8i1hQJHGCSFUdBzVtpNq4qFmBBJOKAKzNuqAoCc09u5zTPM28UFEMy9fWqrIMc9ats+761A3zAmgCnJgcCo8H8KnZQWJxUMsm1etAEEmGbFReXUhYHnvSbqoD6JZh6AfjTN65z1pZVLZ/wqFYuQOmT64rIk5PV/h+k/iu48R6Vqf9janeWy2d4zQLKk8a58s4ZhtdSeOo9a1fDPhmw8I6DY6NYxbbW0jKBpACzMSWdifVmLH8fas7S/HUep+PNb8Lpp9zb3Gl2sV1JPIQUlWQ4AUD096243eTdtDHnHIx+FBBx+seAPtXxEsPF76zNDeWNs9nBbLbp5XlOcsCc5znOMDgYFS+NvAOnfEPQ10++lms2hlW5tb21I823lXIDJ2zyc/WuqkDNltpDg46EH/OOaoahqcWk2c95eSpHawKXlndtqqo6kE9TQBxuqfB+HWvCl9o+qeJ9V1GW/eE3OpXAQzSJGdyxqANoGevGfwrQm+HNjeeLv+EhvtQuNQuG01tIktWiVY5LdvvBuMls+ldNb3CXMSSRnfHJGHVlxtKnkNnIGfbrTZ5CGwW5HAO7gEDnr/jQBxmi/CXTdKj0q1n1PUNT0nR5xcWGm3gUxwupJQkgbm254BJHA4rNvPgfot9HrCz6hqL3Gp6guqfaVMaSwXC4AeMhfl+UBa9BW48xUdduD34xg+nvWD4s8R6hoyw22j6PLrmp3CuyQLIsMaIuMySSEYA5GBjJJoJMzVPhbaa99tiu9a1GW01CFILqBhEVmVAQM/L8p2fLlcHgegqzefDXR28Qz6uZbwNLpn9kfZ/OXy1tT/CpCZH55p/w/8eR+OtHv7hrK40i+068axvrGdwxilUZwGHUEEH8ao+MvHF74b1zwrp0dlDPBreo/2fJcNOVMTbC/3dp3cBu/agRT0X4J+HdJvtDu0udYuZdGR4rMXN5wsbAAxYC4CAAfUcGtnRfhnpWi3mn3Ml1e6oNPjeOyj1J1eOFXyrgYUFgV45zxWz9o2vIu7AUfNn+EA4J74/GrkdykiGUTx+Wv3mWQHZ7E5wvpzQByXhP4Q+G/BOri900X+yORpbbT7m9L21uxJ+aOLoOCcZ6Z4xUVx8FPCt5Y39tJa3ix3N4NQVlu5FNrPv8AM3xdRGd3ORyfpgBfHvj6bwrJ4cFj9ivItT1a30y6LTlnhEjDBVV69+SR0rq4NSguAZIpY5kDYJjcNg5yeQeO9AHJyfBPwlIusRtaX23V41ivWa9mJmVRj5ie565Hr6VrD4f6UmsaZqYa+W+0yBra0mF0QYo2XBAHuMckZrYg1G1u45o7S7tri4jRsorq21uxYA9M8GuP+GvxG/4SbwncarrkllpsseqXVgFSbbGfJcrgE9SQuePWgC9D8IPC40K60l4LptOuLv7dLbteOA0xbdvyDnOcHr1rSfwJoo1a51RYbn+0Li1FlJdC8l3GAdEyG4HHardx4k02zvI7SfULeK4kClYXnCuckAcY/wA56Vh6vrmqW8Pi57XUdLn+w26yWlvtJaBhGxJnwc7W25Uj2+lAE/8Awrvw0vh+y0ddMCafYS+daqssivbvySySBtyk5PQ963NI0ix0OzNtYWq28LSNM/JZpJG+87sSSzH1JJrivDPiu+1/wf4B1OTVtOsb7VEhnuYJlAa6VoyTHEm7O7djn60nhLx9cf2148t/EWpWFvZ6LqEFpbzACJEV4w/zkn7x3KPTOcUAdbrfhTRvFU9pNqenpeTWufIkaR0aPIwcFWHUCovFXgfTfEHgw+HDa2sWmHYgiKHZGAf4QP4++T9TzVy31OC8tYrq3lWS2kG5JFb5SOpye3H8qztP8faJrV//AGdp+qW95e7S6xROdzqGwT2DKM9icd+KAJZvAXhi4u4rufRLK6u4YorX7TcpuZkiXagYdGIHqD1rbkmMjnJOck81zlj4+0DUNSWzg1WGaba8gHIVgn+s+YgLgD0PUVyEnxY0nwt4PtNXk1o+J1vtVaytp4IAgbM+NuFz9xffLY9aAO/1Tw9pGuXEE+p6TYajNBkRSXlusrID1AJB49qbH4a0lVgRdH08RQHMKC1j2xkd1GOD7jmrdveR3VvFPC5kglUPG20ruUjIODyMjnB6ZqTzucUAMXSdNjSRRpdiBL/rB9lj+fnPzfLzz60iadZLMjJZWqMgwhWBAVGMYGBwKtBtwqPdzkUAK20Su+xBI67HkCAMy5BwT1I4HX0p5uHjcMrFTu3ZB7+v4dvTtTEj8xj60y8V44SR1UUEliO8kVQokO3GNueOfal+VsAnj61VjUCOMk9RmlkkJUY4qgRdkdnXIfLf/XqNYzkMeeAOvp6+tRQnaP51N5w5U+lIsnhjBAxgAHI49OKd/q1x2HI9u+frUUcnlou7oe9SNiRR3FMRWYjAyMjIODyDj19aTpzk9AAcnOB70yQkKSKOZI2A4xTJJ45d3zepJ6VL5m5SCeMYqpD90DHFJNI/nJEh2lhuz/SgosrKSxOeaZKwWJiRnnvUCu+0+tOmbfHg9KABFQTJNsUzKpVJNo3BT1APXBqaOQPH6rn7p6fl3qusfzLzjApLcMY2IOQD0qQLisoJPXPPv+dSRktyaqb9rDkVejTcmRTAbJKFHLbT2pizNvTeqnHQtzioZ41WQsWJJ/h9Kay/MCTmmSSz3G3AXgE449abJMfunnjJqL7ygt/Ccim3BWbzANwYrjIFBRZjlMnVcUjYVsAc1Jbx+XCi9cAcmoX/AOPhsKxOKAGFT5qgU1roQsQwYj1q35J3K5GOORVO8hZoyFHfigYvmbpBgc96ezfLnO4U1LeRMvjO5ePbtT7W32RlZG+frQIardTjIXrTkugsZI70skPmQlUPTrUX2d24IxQA6SYtGeOO9SrPwqr0xSLattYZ57VN9n2qPUUARea/Krg465pjCRkLk5XtU6wt1zz3pWtwy/ex7UAJbR/LnrTbhjuUAYBqxEpVcZzStGpYE9RQBm+Y7bxnIU8VcjcMgXOOM/WphbRlTnOWpI4FjbGakBsn7mNMn5ieR7VWW3Nx5zAn73FaHkxs2SGJqSKJEzjjNMCCOE/a4SX+UJyKdJaeZDJlwSTxVrywFzjn1qSFVPXFMZRC7DGhPGOadEjq3zcjtxWi0avg4pJFHGBxQBXSMyOTjt6VEtuGjPG35+fpV+NtuKVm64+7QUUm3PdIY14H3qtsx8sikGNxNSZoApLBlfmHOanjjCknGT6VI3JNLuKigCAxZXO3DVD5LCM7QCx61dB3DNQmMbt3f60AZ7wllZD0brTLWza3YgZ2kc1oOPWkDdu1UBRW3YAAdjmo2hZrhiVyK1Mjmq0h+YVJRUWMswJXG2oZ7V/JcKOSc1o+o9aTjvQSZq2f75HI5UetRmFvOYsuVPTIzWo3GRimbQ3UUFGe1uXwVXIX9aSGHaCGUflV5sKwbpULY5waAM64yjHbwOmBxVWVS/O3Bq9N1PrUDEqMk/pQMosh2jjmo8HnAq75gbPHNRyDavFAGaW55XNDKFAzzmrD0i4GOlAGYyKrMccVDuA4rVmjDL2qpJGOuKAKkhB71UuOgwcitGRNwxiqk0I6YoAzriQoOtVvMZY1YnqcVdurXzOg4qH7MCgBPA5AoAg87Zn1pjTErxU0lsOobiojHjkHigortIQTxVWRvmLdRV6ePcvFUGjKnBqgInlGaPMFRuh7jJplSB9MP0qrMRtOTxjPrz6VPNgrkcGoBlevPOagk+ftc8MxeJvi98RFmvb2yFt4ftJVaxuTAxb94wLMBkgEDgHvWPpnirVfF1r8M9LvdSjtrfUtBe7eS8mlh+03QKps3oVO4KCcZ5r3Sb4c+GptS1HUH0rde6hGIrqYTygyoBgKcN0xWbqnwq8IX/h6z0Sfw9ay6ZZPvtoXL5hPP3X3bh1PQ0EHjGsaBqGnp4B0e58aX+rQyeIpLCa8sbh4h5JiZjHk/eYcfNk9cdRWD4+0WXSNB+MHh6K+vtR0HT7G0u7Vbu4eVoJ5fvJvJzwFzhie1eqfED4aHVrrwNp+laBAfD+h3pvLqOOVYsR7Su1PmDFsnd6kkmu2tfB+jw6LdaWNMt/7Ouw32iCTL+duxnzCSSx47k45xigDyDxZHo8l5puiafcGd7bQJrgWs1262luMD9+ZNxLPklVXJ6dq5uwnPizS/gYLzVb2aS+SWC8CXjqJNsLMA4B4JIX3r3d/hr4VmXT8+G9NDaeNtsTCCUXOce4zzg5qWH4b+E7VbRIPDmnxC0BEPlxbfLJOSRjuT360AeWfDa61XRYPHOl+H7FNVfTfEXlWdpeX3lhYmjUsvmPu4BJ613Oo+OJPCvhe3ufEdvaWWtXMzW1np8d2rCVyQEHmHHynG4t0GMda67S/DOk6L9pl07ToLCS6bfcNbrt81s5y3qfeodY8J6B4hZJNY0TT9WeMFEe8t1kKgnJHI6ZA49qCTg/C/m2Phu+g8JT6b4o16W5F/qMrXRSF5piS5LgHgABVGc4wTXF/Ga+8VR2fgCWSy0+28SjXpXt7WKdpYci3k2ZbAOOevqcdK920vw/pXh23eDSNLs9Lgkk814rOBY1Z8AbiAOTgAZqK/wDD+marc29xeabaXk1t/qZLiFZDHyD8uRx0HSgR4P8A294Th+Cl5KkNxHeSXUFrrEfnLHdfbGmAdZXPCIWznA4XGB3rGubuwFn8b9Ma609lk023nhj0mRo7fzBDIzCI8ZIdVy38RB45NfRDeGdFX7R/xJNNY3OfPLWqEy5OTuyPm/Gp4vD+keU0Z0fT9jRiJl+yR4KDop+XkDsKAPBfE3g/w9p/w5+Hs1rZwxW+oavo76lP57HzVCNuZ2ycYJPp6dqp+KPDc2h33xGb4ewNb6adDgWSOwJMf2lpf3mzkjd5GW47ketfRyaXZCxaxFnbiwIwbUwqYj/wDGM++KfZWVtptuLaztobS1U7hBBGqRgk5J2gY60AeMxf2TqHxA+Ft/4MFrEu2Vr/AOwtgG1EIz5+AMnfwS3OSea89+E+s22i6pZXXiTyb7wzdatqEOntIBIlleNO7F5VPUOjDBPAGO/NfU8Gn2enrN9ks7e1+0cS+TCqCQejYHI9jTorG127fsdrsznZ5CbfyxigDwHXtQXTfHN5qelzWfiPT7nXLZLvRp4wLuGceUqS27j7ygBWxnGB+FaemzaXZ+NfjekbRW6S2UEgAwu9hbyCUZHUhnGQO5PevcVt7ZZUlW2hWZBtWVY1DqPQHGRU6xxquBHENxyf3a8/XjmgD5vtbqwg8H/AOeR40uLS/t0mk2ZeJFhZXzxkAMR9etZ+qapJpPxW8Y+JZQdW8L2WtwSXunKpfcjQJEtyoP8ArfKfd8nIGc4yM19To5jXACjHIwAMfT0qv50kTAg4OcigDBfUoNW8N3mo2sTajG1vNMkKAr52EbCL35ORn+tfPng3UJrjxr8MtU/szUfskFje2klpFp8kdtYyNGu2AMVJJBzuc5yTk8HNfTrOyLuB+Yd6dFLIwHzscDHXt6f59KAPA/haLzR/FGgwaTNc6h4VaC5lmtdStSlzohK7mQS4AKux24OeuR61mabpupSfBGwt4tKv2utO8Yrqc1rHbOJTB9raQMi4yQVIPGeD26V9I+bKGzvYc5PPXr19etI2+RgfMYkdyTnp60AUlmkvtty8c0PnfvPLuF2uoPIyOxxUzfMwGMVMYxSbNxAzQABSrH0qRVVY+FJp0kZVRhuaauRxVAJbqS7NjFTXEZKEYzxTd5XinTMdmaAMyaGUqCACF6Cn/N5aK4w3epNx3A06TDHBFIBI0yCF6ipvs+W+brjFJAdgPcGpVYY+YUwD7MWVQWwFqXlV9TTOZFHtRHIVYg80wGG3KqTnimtGeoOM9asnGDkcVDJ8o96CRy7fLAxzVeSMPIrZPynNOGVXpzTVD5PHBqSiVVWNWYnOaasayNz0NPVdy4NNZDHyKZJN5K8cdKWOFYySB1plvcB1OR9Knz+lSAR2ybtxXJqwGXkYxUHnDaOaZ53U54oKHTkZxjNR7RwSKdGwbqafJ2xQBBM642kcUgZcDgVBId0hyOB+tNjO5chuKoC9Gd3OacvXjt3qnudY8jk5q4uQh5wNuaYCtJ8uM5pv3qruwjVcHcCcVKkqhsYyB1oJCSTB2ge1RFW8wH0qZsM2MYoMgVwKCg3qvy9PWnlx9aj25OW4HrTZWSPY2eM4qQJi2G4ozuqMnjI6ZqVoztyKQAG9qazKo5qLedoY8moJJjIxUDFAF6OQMvFPWQck9e1V4Y9j9eCKWRDs4P8AFiqAss+V6UkbMy1XYSMr44wKSMsYlXOGNSBdVj6ZpGB3DiqccjLuXOdverPO0HPNAEkcxYEHip2T7p6iq6p8makYbuF5P1qgLe/GDnApJJFXqaqruMgDHK460k8asF2tg0yi0sileSFqUbTwDuHrWfuXAGRmrFvubcAQMd6BEzjYjEDoM0Q/vFDE8Gn7mELBhuGKjtsNCMLt68fjQUOYAd6jmk28USjbjnJ9KhkjeSQ9l9KAD7YkfBbHf8KUXsTdHxn7tV54xtORzjFc74o8Yab4LsbCW8inu7u9uBZ2VlaLvmuJTk7VX0AwS3QA0AdQ9wNuW45xUCyFnIB6VxF94w17SX0uLVfCctv/AGldrBFJDfRyRxuynCu38PI7jvUXw7+It54+ttXurTQJLaSzu5LBILi7TM9wn31GAcAcdeuaaA9CVumaiZhk89K5H4a/EQ/EbQZNYGnHTbcTyWyLLOJGdo3KucAccg11kg27gRzkj1ycdMCkAzz1Y4z9KiuJVb7p5FI0bRpGTGy8ZyynFcj4z8cQeETYWkVs+pa7q0pi0/TI3UNIVGXdiSNqqDycHpxzQB2Hn7VGfzp0cobpXnt74u8VaLq2mW194ZtZEv5DFHPb3xaIOELhGJUFC20jkY/nUfgP4n3vjjwPe+JLfREt/KkmjitJbxd83k5EhyFwMFTj1qgPQppl+737VSedFY5Ncv8ADbx1J8RvDNlr504abb3imSCMTiUlMkZ6D0rdmDFc7Gz6lSM/hzUlBLcASADp3qKW4/eYxhahvLiDT7ee6uZVggt4zNLLI3yoigkk8DsK4e2+Iep6pov9uWHhK+utEeJpoJjcRrcTR4BEqwk5xjkc9DQM7iSYcFaQyfKcmuB0H4rL4g8YQaDHod3bSSWceoGaaaIIsD/cYjdncTwR2Oas6J8RI9e8Va1oR0u8s7rRzGl1LcSRCMFlLAgqxJBGD0FAHVGQmTbnNRzTFF681RXWdOkmzHqVmQen+kJ/jTjILoN5U0VztwWEMivwTgdD1J/lVAWvMLLyaYzhetcpc/ErQbe6ubeOa7vEtXMVzc2VpJNBAwPIMiqRkZ5HP50y1+J3hnWNSs9Ps9RMl9eR+fBB9mlUyR44ZQV+7yPmNSB1LyfLzVaT5unSsbT/ABjo+sX15YWeow3N9aOVnhQndH2wQVHcH61flcrIRz14FAEkjY4qCTGDxTbiZIWRJJUjeT/Vh3A3H2B69D0pUVpYwyfOGH8Jz+Ocf0oAqtJyRUMhC06QnewwcqufQdfU1WlkPOBmgoV5BzmqzsGoaTsRzScc0ARN70zI9KSSQbiO9Q+ZVAfSpj3ZJ6VGyripWK9KoyTCJWfa2FI/GsjNk3ktxhSy9yoJxVWRcnrnJwMGvnj9pjRfENj4fm8W2PjLVLXUbW7hisdJ09ikB3OqbMDmRzlmwcjg17to8t3FoWlPqrpHqa2UJu+gxMEXecf7wagRZmhDKQQrAZyT0H4/hULJ5f3jgt8wLd6+ZfjFqUGl/tJeFNOvNav9N8O3+nme+jhvZkQuDJzwflPyoMAd81a+EPxA1jwZ4F8deIfF01/N4Stb/GiyXik3Nwu91CJnBYHMWCff0oC6Po5HCth+PrUgUbshuK8gj+OELW3ihZtIkh1PQ9PXUpLMXCFZISqsWSQZGRu6GqHhf9pO31zXPB1lP4avdMs/FCyfYbyWZGyVYKMrnp70C5j3JiEj3YwucFvSoVYcj868T8MfFjxBrnxr8caXeafHaeH9CtVjlDXKgwIGLmY9d2QRgA9MVL4Y/aOsPEWveH4Rprw6b4imuINOuDcKZHeMgAumDsV+cZ7YoJPZWmUjpk1C0yK6oTtZ/urk7mx1xxzXz7dftV3VrouvaoPBrtZaFqaabfzC+RgCzldyDGScqePetTxX4g0yb9ojwBBc6fPcTXli81ldR3myFUZCT5sXc/4UAe2RzRyM2CGA7qQwHsTn+lTx/dzwfpXyJ8LfiHL8MfBvxZ8SLYDVU0vxD5X2eSdlIjLlflJB45Fer+H/AI938ni7wnoviDQrfSYfFNkLrTriC8ExBI3bXGBg4wfxFUB7JwR0zTRIMkEV4Zp/7T0F5qUM8GnxS6JNrLaQoEpN6cDHneXgDYG9yT171n+J/wBofxLY6t8RbWx8PabMvg9VlmuZLqQCWMsoAVdud5DA+gxUge/Xl1b2X2cXFzFbm4fyoVlcKXbrgZPP/wBephKqoc8Yz+n8s5r5+8fePLLxJrnwR1S48PRXcOuXST2vmXDh7WVvLJ+UACQAFevpitbwx8cb7xJ8TtR8KQwafZLaaubQ2Nx5i3Utupx9oU4AYEr93sCDzQB63/b+lJHdSvqdnGlqwS4Zrhf3THoG9Pxp769piyWCHUrNZL8n7IGmA8/Az8g6sPcV8sajrdvrXwz/AGhY10Kz065sroRzzwM7m5k80jfhz8p69APYVsaNrcNn4j/Z6tLjSbHUPtelxmC8mZxLafJ8xGDg5yKoD6fab5Qx+X1qKaQblycHrk9Mf45r5n1v4+eN7a1+JUkEOjLb+EbyOI745C86tLtx1xnBH5V9EeFNUTX9A0TVzF5a31nDeeX2XdHuwfbJ/SpAsnUIG1BdPaVReGIzGHo2wcbj6AngdOc1gyfFDwnY309rLr9kk9q2y5j83mJs4w2RwM+vpWH8CtUPiD4fyeJ7o77vXL+5u7iRjyI0k2RR/wC6qIox6knrzXD+AYPEPivwb4r1Sx0W3MnjTUrmVNTvriNYI4P9TGCmS7FVQkDAznr0pok99+2R3EKvFIksbrvWSMgqynoQQTkGnW+PLz1JNeOQ+KP+EFjtvh7o1ybi48P6dBBcXpt2uJppGBEcUUQILMwUtkkAAr16mSb4geN7PxN4K0AwWEWqXmjz6hq1v5W5LXbhQ7Pu+VQd2V65QjuKoD1XUtQttKsbm7upkt7eBGkkmkztRQDyfxp9pdLdxpLD+8hdQ6MOjKRkEexBrxhfH/ifW/hL4Wv2ksZdT8Ra39gj8yzzDPbPM6q5Q548pC/vkHvW/wCKPE2uWvxJt/Dtpex6HaX1pG+jTPbK8N1IhPnRscfIQgG0DHSoKPQ31q0j1q10yS4RL64iknht2OGdEKhmHHYsP0rE0/4l6LqWi6xq7G5sNO0m8exuZryIp+8QqrbQMk8sPxzXPWvi+7sfGXxG1S9uI30TwxZxxR5txvjmMRnlTcPmOMRqRnGW56Vz2g2+q+G/DHwo0SC9+wap4h1BrzVkZEZWjbN1cFtwPK/Kn/Aqok9rWbzFVkUbSRj5uuenbuKfJMuNhGfU5/lXz94z8deK1k+KV1putzWuiaG0FpZzeVGT9rYKGiQlTu/eSoCTnAX1YY950+1uUg0+K8YT3qwRRzNwd0gQBzkcYyCfwpgcbP8AEZP+Ewv/AA3ZaFquo6lYwR3M32cRbFjc4U5ZxycHAOOh68Gn6H8R4NY1j+z73Sr7QpJLh7KGS+27JbhEDvGpUnnady8kNhh1FebeE/D/AIk8Z/8ACZeLNC1qOxTW9ZNnEph3SPZWzCHcsm75OPNPTqc12H7RWbL4X3N9YbYbiz1OwuLVkwSH+0oqcjqSGcfQmkB6SsZ3D+HnpViWPCg+nWnS2586RiNrFiSvoSeaeykRlT+NMBqtsjyOpo3cbj2qE72ZFyOKmWLzFKl8etABJNkDjmoPmeb2xmpmhPGDT1i+bOeelADdp2g9+9AkXpTrgmMAetV5EG4DNIBrl5JDtOOeK0Ftz5fzc+tQKBGocDcatLMZF5G32pgZig4zjAyf50/7VtZkzggdassikbcZFQtAi54pAJ5YODu6jNQkDaw3EDvVyONdowKZMqZxjigCtDMAGPJC8AVpBQIQe+KhhjXj5eKnaTI9qAKlxAJLRgDzmq0UeGCAYGK0VbapHaowU3AnrSKHW8JjhIPNS7AckDtiljkUjHWpOxpAVWUbQuOhzUOCJNoH3uc+lWJOCT7VHHLhipGaokWZSy8dRVY72YMEyBWgzBlquxG4L0B6imA6OMSRL5i8/wD16JrUSqoHABzUitzjtUnBGM4qCiPyRs6U9vlXFOX0zmoWl2y4NACGMdcVH5Hzs+evaptxwSaqPP8AvtgOWboFH86okthcyDvT1QLnjjOaijchsdWHoM/nxxT/ALQjZUHcx64pFCuwbp0NMMYZhjgjpSSL5K8n6CmJMWfYw2nGaQE0cYjyDznrVmNFODioB0FTw/d681QE7Rqy/L09KPLX0qDcY24NTxtvU+vamA4RhuQMGjap4K804MNuf7vWmLmSfOODQMPs6M2dtTxRhQeMUMoRc5yac2QgxQMR/m+lIflzihR8oyajaTEzDgipGOKh+ozS7RikzgUgcc5pgNkxtxjJrxn4vKdF+LXwq12+K/2BBLeWkkshxHDcSINhfPABGAG9eK9kd+wxUF9plnq+nzWWoWsF/ZTLtkt7hA6MM9waYFW41Kz0+Sx8+VQ11cRxQIi7mZ8grtC55A57DHpXi/wH8OX2qP41e18S3ukQ/wDCWX6GG3t4XTmQHfl0Y5IJAOcceteqWHgfw/4cm/4lek29kJEMZYMzvtIwVDMSVHsCKl0vwj4f8P29yunaPZafHcLsnW3j2CQe+Op96cQPLf2c/tv/AApieGzvI7a6j1G+Q3V4pZYl+0nc7KPvHbn5R61s+GYJvi/4JZdX1y5WW01W4hW+0GU2TSojFVLpztyBnr3/AArrbbwvY6TY3MfhSx0rRb2Rw+4W+2InILZVMHJAPI5pvhfwmPDcWqXLSRzajql39tupLeERRl8BAqL1xtUZz3yaTKOZT4EaXDIskfiTxa+xlfa+sMy5DZGRt5FYPxQU+GfjZ4F8UagxXQvsNzpMt5IDsgmdsp5hI4B6huOTivad3y4c7+3PPeoL20t9Ss5rS7t4by1mGJLe4QPG4ByAVPBqiTG/tzTrXULCF7mOa4u5QkEcRDuRyWb5c4UDOW9Sa8H+Bfh+bVPhbqUyeJ9T02L7bqG61tRAIFHmP1LIxw2R3+mBXuVr4I0DR0uYbHRLGyjukKTrDAq71P8ACTjOPaoV8K6DpdvLa2ejWFrbXH+thht1RH+qgYNSB5r8CYNWufgH4St9GvLa0uwrLJdXcJmEMau4JCDGTnaMZx1OK0dB0LUPih4Q06+1rV9S0nULeW4gE2g3P2aO4VZGUS9CMHaSMHGDXRa94JRvCtxpPhZtP8Lm4kUzyR2wCGP+IbUYYLD5cjBrT8KafqGjaQtpqV5Z3syNhDa25iiijAwqKpJ4AAHJPSgDhPiH8O7xPgj4y0LS9S1XWrm5tpZIpdRn86dwCrMitgcbFPGO9a3w08R6dq3w70a8tp4ls1sEEqlgqwlEG6MjsRzxj2rtY3ZI1JznHXPtj+XH04rl5vh54Un1KTUW8PWK3UknmuyIUSRvVkUhT+IqgPMdQjuNT/aAgfQtSj0yN/C8bxTfZvMVl884ARyMDnNP+HlneW/xm+Jlvf3q6jcObEvMtv5KSAwHAxkgdl+8fXivSrrwjoH9vrq40yIavtwLpZHDY7LjdjHtjFV7HwVommazd6taWHk6nec3Nz9olLS8YG4FsHA4HHA6VNyjx+58FwSTObj4D28wzy0N7blj78OK6f4e+H4tNh8QLpnw8uPBV39kYxNJIsgnfYwUJhiAQ2On96vU+VUjJ/Oq7blZWGBg5HrmgZ5h+zqqD4Q6C0QH2kLKl0rpgmfzG37+vzZB61geIbOfQvjf4ftvDljazofDU0aW012YY1jF1nG7awOPSvQZfhrpn9pXl7p17qWhfbpDJeQafciOG4Y9TtKNjPfbjkmmf8Ky0y18UaZrlpd3llNp1qbSO1jZDEYickHK7iSfmJJzkntQBwngVtRm+I/xR+02UVvftNauIIpg6Bvs+UXfgYBwp6d66bw3feMrzVYLfW/Dmn2WntuDXVnqSytuGONu3vVnRfAq6L4s1vxAdVmvJdU2efbTQKqAIu1Cu0ZGF4966aSQsNxLZ9c/rxVAeQfDbTLLxo3ibXNdsodTvW1e6so/tC7xbwxNsRY/7pxzkYJJOTWFfaXp3w6+KHhyKd7gWJ0q5bckc0gLefhNyjO7ahxk136+DtW8N67qOo+GruxWz1KY3F1p+oLIqpOQA0iMgJOcAlOOScVQPhLX7fx9o2ty3dpfQ2tnLZzTNIY5WaVwxZU2YAUjA+YnAGec0AYnwzu7a51fxxdxXs0tjDqbRwG6mcpFEI0fGHPyjcxHPNdJr3jrw94cu4ItT1q1s/tEfmQtLIArL655rK03Q5NL1DxrqPieztodD1C/XUlLzqyFUVECuvqxVcAnnNW/h/otra+E7S2a3tZYS0jeSUSTyAzs4j7j5Q23HtQBYtvGXh7UmC2niHS7l2XO1LyPd+W7P6VrwyRTRB4pFkQ8ZU5FZV58PfCuoL/pPhfRpeMZ+xRg/mBVvSdA03w3py2OlWcdjZgllgiJ2qSSTjJ45JP41JQXCBZemT3qHb7VfdQx5FRbR6VQH0TN3x1qq0fynI69cdcf0q+6gjpzVdl7dOcmsjI+fPiVpPxW1rx5bahoXhTSbzR9LQmwh1K6UAzMPmnIDA7gAQAeB1HJzXVaj8D9F8dWel3fjWObUPEEdosN1LbXjxRFslm2qjAcMSM9eK9C1rVtN8PW/n393DaRyNsQuw3M/XCrjJOOwzxViG6W6t45kyYpgCrEEbgRnOOoFAHhPib4X+Jr349eFfF1jpUUmgaHaLYhJruMSOuJBuAPpuHX0zXYfHjwBc/Fn4b3+iWd1FDqHmx3Fu8zfIXRshCecc56Vsap8TPCtnq02lXOrxpqUKb5bbynZ0Ts2AOh45rQ0HXdP8UWb32mX0d9AHEbvA+SH/usDzx05oJPMLbwH4pvPht4i06XwzoOlazd6W+npHp7oXuHICmSSQAbVAGdpzmuU0X4F+MtNvvhRK1tYmPwf5n2h1vFJlVpVIMYx0x2NfRoUbvnwCGzuxkr7j8eKlQxLvOVcL1Xg7TjoR9CDQI8e0n4O67pPxb8d6z9osf+Ee8UQCJ23OLiMBAp2oB8xz79qp/Bf4U+LPhxbw6JfQ6BLpdjO00GqKu+9lTJZU6DZljgsc4xjtXtkyhXCAZK47cHHemr/CuSRu4z6nigD5gn/Zp8X3PgbxtoXn6Os3iPWo9USVrklbcJIXKHC8ntkV2uqfCnxLffErwH4pjk04W3hzTks5LZrhi8xKkMwO3jBI/Ou71n4j6PofhvUtdv1vYNP064a0ldrRvM3ghcqD1U5HzdK6qFf3cbKOJFVxuH/AhkUAfJ3xA+E+sfDb4G/FR9VuLO4GuajDeR/Y2Z2iLXC/IcgZIHp6V3Hgf4U6n4s1T4b+LPEF3YJp3h3R4o7G1sGYtPKVQ5kJ4XCheo5II6V7lqWl6frVqttqVha6jaqQRDeRLMgI6HaQRmpbOwtLO2jgs4IrWGJdiRW6gKo9MKOKAPIPhv8E/EPw11bWrPTdb04eE9Qv8A7aFe2aS9TnJQcbR8uBk56cYrO1L9nfW9U1L4l3Q1vTof+E0VIc4lZrZFkBznHJKjkepr2+6vIree2jZl82dmEce7mQgbmwPpyfzqyqY3ccKpB67fc5xg/hQB4jefAPVtQs/hjAdZ06L/AIQtUcBo3Iu2VkIA9OFxz61pXnwGudb8eaL4g1bULGdtK1CS+iuLWBlubhQ26O3c5wUXjkjOBgGvX1BZlxu5+YhfTI56YP8A9anp5eAruq7hj5jwOh5BPY9ulUB4Xa/s16qNH+IVk3iOxEXjS6+2XU32SQtbnezkL83PLd/StH/hn26XVfhzeyeIrYf8IXbrbQRraMftOAMlsvkZAHSvWNL1S41KbUEn0y607yLoxRNcgH7QoAPmLj+EliOf7tWJVaPk7kUkYZjgexPHekB4hqH7M0mpQ+P0k8UAL4xuUuLgrYk+RskMmF+fnhgPwr1jwzpK+G/D+kaOZRcxWFpFZmZY/LDqg2g4yccAd60dx8t2J4B5YjkfSg3ESxbydsaAsxxnCgZJx9O1IDyzw54Mu9H8K6x8PxdSaYvm3EtnfLAJFktJmZmVDuGHUuVGeflBrtvBPh8+EfDWl6IlwbiLT7dbaKTyvKYxrnGQCcHB555OTWLpvxSluPF2leH9R8M6ho8Wqwy3Gm3l06utyI0DH5R93KgsM+orqdUvW0uwlubezmv51wI7WADfK54Cj0APJJ6UAYFz8NQPFmq67puv6hpC6ukaahaWoTEjIAqsrkEplQF4q9/wgVh/aniDUXuLkXeracumeYzAtawojALETnks4Yk9SKz/AAZ4+vfEOta7oWq6I+h6zo6wyyIJxPFIkuQpVwB3VuP/ANddorMyYHAbC57ZOcE/kcniqA4eP4L6Jb6b4SsTd6gbfwyzPCBOA0paMR/OR0GBxtxj86saf8ObHT9U0+6mvrzUhp13Lf2sF0Y9kM0u/JyF3MBufAJI5HHApY/H083xXj8LiG1k05tJk1JLyOcNJuEiptI6KMsT1PrWjo+rXrafE+s/Y47rzXjMlnMWiOJMKqlgMttxnHG40AZH/Co9A1DTPFFnJJf+V4kma4vZPtADDeQSqnooPHbNaVx8NfDsuqeHb2S3uGm0KBorJPtDbTuILMwzlySq55xxjGOK0U8QabGonOp2qxRtseQTLhH/ALp+Ybfp1qbUNcsLC2a4uryC3s1IBuJpFWM5HynOeM4J59vWkSY0nwx8PXnhmbQZILg6dNqR1abbOQz3Jk8zLMCDw2MAdMAdq6O60u1utJbTW3QWbx+ViCQxsq4AwCOR06g1yviD4neH/DX9g/ab+GQ61cLFat5qbSmGLSk5wEUAc+4Aq0NcvLzVNdg07W9NuRDYxva2e3zJbeUq5LygMMq2AcDGMfWmBb8L+D9N8D6THpujQSW9hGSYonmaTZnkkMxJ5OT+NQa94Zl8XalpdvdJGuiWE6ag4Y7jdzx58tMDoqNtds9eAO9Vfg/4puvGnwy8N65qTRyX19btNK8K4QnzGAwOwwBUfjWPxrcak7+H9X0Xw9o9tAHeS/tjcSXDDLOwCsNqquBg9yTSA7Zphlwc5ZiQW69abuC5B5rjfhZq+teIvh7ouq69LHcaneo03mQxeWDGzExNt7ZTafxq94k8baT4ZkMV9ORc+SbkQQxSTOseSN7KisVTjG4+9MDovUhcgck7c8fhTVB3bgflPSvMfF3ime78TfC260bWGfRNc1JoHW3KtFcx+S8gYsBuByF4yAOciuoj+J2iS6Jd6qj3Dafb3AthMtq4SeR5PLVIj0cl+MjjmmB1+0Fc9KbgR9ea5NfiRpS6Fd6lOLu2jtbxdOa3ntjHcPcPsKRLGeS7bwAemMmneG/Htl4i1LVNJWG6sNa07a9xp1/FsmCNna4H8SH1FAHUT5ZQf4fU/wAhUax7cbuB2GDms7xJri+F9KkvGja6m8zyrW1Q/PcztgRoo6/N1z2AYnpXnnwUu9YbWPiLbaxqTahd2+vCF5C2I0C28TFEz91RuOO5wM5JNAHqzK23PbvUnmJ/qvMUTbd4jyN23JGcZyRnHPSvOvi/401jwboOly6PbR3M17rNnYSzSSogiWSQAjHzAlhuGe3Wlj8QF/itPpK+Glg8TReHPtUV9JcrtkQygeRkE8b9wJ28nHalZgejAKWJGMZyMHNKyrtxmvM9F+K154k8G6RqlnpMcOr32svpDaNcXR8yB0ZxIHYJ8pQKWIx0WqviD4t3/hnxFbW91pltHYXGuJoscM0zi8kVyEW5VdmDHuPHfCmizA9UjxyAcdMd+/6Vn/2pZXGrSaal3btqCJ5rWqyh5VTdt3bR2ye9Zcfjjw+3iJNFttcsJtV3tG1ityhmyvUMgOQfUGuMs9PtrP8AaQ1x4IYoWn8KQPIBHgSObthlvUgKv5UxHqUcnzYB4qbA27ieK42x+Jnhm48VL4d/tmF9YMptxabWVtwGcZIwOOcnjFcH4c+J3iGbxv4R028vLXUbfWpL2G9itrY/ZbaWJGdVguB/rAAACTnvSaYz2yT5V9Qaj2gphMeYwJA6/j7fjXkV1feLb34gaZ4Y07xR9ourZVvNdnW0hNvZ25J2xj5Nxkc8Dngc1i+K/G2vaTrVve22rT30Y8WwaTLFbLGbCK3kkCi2ZmALzY6lScNxSswPVvDPjmw8Va54h0uzS5guNEuIre4NxHsDGRSylRzngfrW1fazPY6lpVomm3NxFemQTXcYUR2e1dwaTJzgn5R7mvDl8H3+ufED4xmy8R3+gywSWLxSWagK0os9ylyw5ACHK8DDfSrPh/xhr2v6x8CtZv76e2/t20vTqFgnywyulszK20DJLE7sHgcUwPc+WjWRw/lkkEhQvbOO/PIP4Yrz3x98RtT8A+Gdd1u68OOw068Fukf2pQskJdI1uCcZALMfl68VxHh/Vr/SPiNokPiEaiTqWqXTaXr9lePNY6irLKUgdc7Y2VSuPl6p7muZ8RtL/wAKP+MsU95cXn2PxNJBDNeTtM6Ik9sAN5zhRn+dJ7gfTMl0Sp8iLzpmQmKJn2B2ONo3YOBkjtXJ/DHx1N4+8F2XiG9s4tOM806PFHJuWJUmaMEk47L+Zrl/gzqFv4g8T6m+sQNB49srsJfWsrlhBDk+SYV4BjKfMX5OT1rzjwxqjWvwt+GSTFF8OXHiu6j1WUnCBDPK0aPyNqlypPbBGeprQD6J17Xhp/hDWtYsngu3s9Pnu49sgZGeOMuASD7cjrisLRNc8W6n4JstQiTS7rVNUhgmgIikht7RZI9xLgsWcAnjBycc1wOt6a1j4r+LMeiKsfh5/B7yXlvbKFgivzFLgIo+UM0aZO3j8673Rda0rQfhj4Vl1W/h06yuNPtIRLJL5QLPApChgcqQC3PQEVMgJfhn4r17W5vE+neI4LMXeiXy2gvtN3LDcqUV8qHzhlDAMOxIrQ8WQ+JtWntbPw7cWmlqwd7jUriIzCMrwI0TuSSTk/3eK4j4W6PD4X8S+OptFv7i58FskFzDLNObhBd7HafY/WQY2ZYd+D0q54s+MWl6R4d0XUdPu2eTWkMlnMbaSTy4u8roBn5T0UjLHGOuaQGv8JPFOu+JdC1eDxFFb/2ro+q3Gly3NqhSK68rafMVSTjO7GPUGs7VNeu/E3xafwdp9/PpNvpumLf311bIjSvJI4WKMbwQFAJYnucCovBfjTQtH8A6pc6XbatPo+kBXmunsZPOupJWZpHVSAzsWwxbGMsRTLrT5vBnxluPFt3a3E2h69o0Nm8sEDyPBcwsGEboqsQGToTgBqEBgR+MNS8a/BfxFqUup3ena94eW/tZ5dOkEayXFuDhyCPukAMR716b4Hup7zwpot1cOZpp7G3lkkJyWdo1LHP1JrzLRvBuoeHfgT40bUkeG91WHVdWmtTy0Pno5VGP+6Fz6HNep/DyMN4B8MMW3btKtOf+2KUwNmZiyogHJPWmiE+eM8kKR+tX9qsy5H3elMaHbcbv4dtIoVYvlHPamSblkQIQMnmpl+bFSRwqzBieaYFfna5bnbUu0LsI54qWS3HUd6I4wp55HagCONykUrEDG4D61LGDJKvORjtUqwArjHHWrMMYTBAwaAK4j+QsPWp1UlcHpipdijqKc6nbgUDKDEK3Wk+XzCeOaseTjtUhhHdR+VKwFXHQYzUePvVfEeecU1YxzxTKKBjHynNKZF8tsHke1XJIQuT3PSoIrcLu3tnNAEDoj7G28AVRnQ+W4ycE8VrlflIHT6VELfdyetAGasZWZCq5XbjP4f8A1zUwQrGSRk5Pb1rRWP5cY5+lRmPqKAKY+ZRkdBSqu5fSrTR4XpTCoC9KoopSFedwyaoTJmWNNu7POfatVlBJ4pvl7ecdsVJJkSgxs3HynjH1pJ5GbgAn1PrWq0YKkY4qHaACCOKooyt25NvQ+mKrtCyxsefatZoVViwFRv8ANUgYxtxMwcj5sYp8cO3PcVoFVXPFQkHmkMzLlQpAXqeoqpMu6Meta7R7v/1VXaERgjGRTAzIs7iV4PtUNwxXCg/xdM8flV/7LhiRxUc0Kk4x83rQBjszYY5Oc84pj/Mp+baPStT7KuDz161Vkt1GRQBU8sFNvXIIJ9Qe1UpsiQBsMOccdK1GjCrxVSaEdcUAZGp2NrqVnJaXltDe2sn34LhA6NyCMg8HkCqVhpNloduLaws4bC23FhDbqFUE8k4HqSSfcmteSEL2qnOpYj0oAjMh29ahkm45NSNGaqzAjtQUL5uaMrUKqc81JxVAfSJ7VRky0jZ6e307/n+lXDnio1UKScdeTUGcj5vj1XxNrXjj4ieM7KHTb6PwrcNpmn2d87hkWJC8rRYGFds53deMZxxXcW/x48Ly6Vo13e3U1jeapZxXaW3kySEBwQMkL13Vuan8Kba61LXpbDVptLs9dVf7Ts4oVkWQhdu9ST+7ZlJXpz19K6rS9Lt9H0+0sLOIW1laxJbRxqPuxquADyc/45qRHhmqXusWf7TuuSaRp8F5Ovha33Lc3H2dFzMTnODk9K5TwNr+oeG9P+M95JL/AGR4ytpTqc1ksAkgjjEf7op2YPt5OBgg17PcfCUy+ONR8WQ+KL+01O8t1spFhs4ZIxEp3KCDgjnnPXmmaZ8H9D0nT/EVvI11qdx4iDJqN/dMpnuBsKBV2/KAoY4FBJz9r421mTxj8Mbf7ZGtv4i0qW4vEMIIWSOASb1OMgbm5HTpXEeD/FWseE/hrrOr/brjVdQ1LxXcaVbrcqmEdpwhkJO3kIDxnaMYxXo+h/A/T9L1fw3fyeINa1GfQongtGmeNB5TRhAjAD7uF6nk8e1SyfA3w1L4f17SppdRuNN1a4a7+zyTAC1mZxIXj2453DO48/hVCOQ8Qaz8Q/CvhbxvfX11Hb2ltp/23Tbm68iS48xP9Ynlx4BXoQTn0q74f17xTpPj7wPY6rrS6nbeItFmuZYPskaJBKsaMGXByfv9yec10cPwX02TwxqWjXmt6zqT6lALafULydXnFuDnyoxjCgnrxk+taP8AwqmyXWdC1R9X1M3Gi2rWdmd0W1I2ABBAXkkAflUgeQeJvEes+IP2c/iTLq96dSuLPVLrTUm2BD5cc8Kqox+P1rqviv4o1rTZtVj0vWbiNrHQBeRWWlxqZIpACTNcMwIWPAUAdT83oK6dvgporeEdZ8NPf6k+n6veNf3QaRN7yMwZsHHAJA/KpdU+Cvh7Xr26vLu41My3dmtjeJDeGNLqJQRGJAq8lcnjoc+9AHAeMvHeuR6H4U1e+fUodAvNCinvrzQwrvbXThSJJEIJ8vGfbrReeJtc8beJF8PaDqLNDbaBa3y3drcrAbmabI807lJZF2g7Vxndg+ld9H8G9Ft7G1tra71azht7AaZIsdzv8+EE/I+5T6nBHI6A1F4g+C/hPxA2keZaXGnz6bbpZ282n3TQSfZ16RMwwWX2oJPP49H1jUPiX8Kk1vWZrrVPsOordzadORE8kKBSVXaAGIOHPsQOAKpax4t1i18S6PqNhrd9qdtc+Lk02W6VxHYtEWZTbxRHltgUZcY5Br2G/wDhj4Z1L+wlmsJY10PIs/JuGj2g43K5BywbAJOee/U1lv8AAnwRM0m7S5zG12b1I/tsixQSltx8td2FBJJyMdcUFHmWuxapqV98ZWk8UatEugiOeySGdY0VhbGTkqPug5GO+RnJ5rc0C91qz8cfCS8bXdU1B/FVlcG/t7iUGAt9lWVdsYAC4Lde/HrXoQ+E/hvOuEQXaLri7NRUXsgE64wFOG4AGAMY4q5b/DLw3Hc6Jci1uDcaIpTT2F4/+jg9gM88ADnPAAoA8R1nUdXh+FXxfkTxFqhm0nxC0Vpdm6w0afuAFOAABh2yorp7661D4d/EzUYrLUdS1eBvCE+rvb3s3meZcRSEBlX+HIxwuBz0rv7n4Q+Frqx1KzewuGtdSn+03kLXkrCaXIO9vn68D8h6Vdt/AuiWGtQaxHZu2qW9uLWO5knkdhFj7hBYgj1yOepoJPFJrm4h+HPw98ZWGoXV54g1LULJLtZLpnW788t5qGPOBtOfuAbdozxXquk6t4luvEU9pdeFHsNJV5E/tOS+jfhclGMY5XccDJ45q5o/w78P6FqIvbPS1juFd5Yv3jskDP8AeaNCxVCeeVA61032ZLiF4Zollt5FKSRsPlZSCCCPTk/zoKPLfEVjqdh8aPA2tWWopqNrqck+mvp80K/6LA0W9ponHOAUUFj/AHgBXfDV7FTc4vbf/RZRBcqJVzGxxhWGThjzw1JoPgjw/wCD2Z9G0m3sGYbDIu52C9doLE4GewrJsPhZoa33iK6vtPtLpNcmSS6tTFuiZlJIYjqWJZm3f7WD0qgOL8K6TrPhv4oeMre1vm8RWl7paag73m2NoboMYooHkUAbSAcKBwMGqnxU8TeNdJ+GuqXOtadZ6LB9qs4bmXSr1p3W1aUC4JKp8uFGP1GK9g0nQ9P8O2TWumWEGnW3mbzFbRhRuxjJ9TgdTV2W1jmtnguIluIZF2vFModWUg8EHgjB6UyTwuyt/CcP7RFpBpIsILG98KTQSCzYKsg+0R8Erzu8rknr36159aWunah8B/BSTeVKp8aCMtu5WJryQvkg52lQDn0Ir6jsPCehaRHiw0TTbIhSoaCzjRgDknBC55zz61NF4c0pY0QaTpwhViwj+xxbQxAGQNuM8dako8Jh8I+ELf4n/FCzl07TF0+30O2lhtiF8pZTHMXdVJxv/wBX82M89ea53SNYjstF+E954h1Key8N/wDCOyWp1MRpLHDe7o+Jd6OB8i8ZB6n1NfUzaZZqzMthaKz53EWyAtnGQeORx0qOTT4fI8r7Nb/Z1OVh8ldg47LjApEnzbqmj+H/AAvo/wANb3TluZfC0HimWZbrUY/NVo2if5hhfuF8gDA5wR2Ndl4Z1Gw034yfFCczRW8c+jWMryEbCzhJDISccsNy57/MK9iePcoGxSvGV2jHHA49u3p2qbll6AE9eBznrn1z3z1qgPEPhDpviPWPgh4Gh8PeILfQ5rWzeO7juLD7VI778hCCRswpJz712PxJh1OTwHbaJHM13f6tLbaTJcxR4B8xgJpMD7n7sSNnoMAV3nP3XORnIH1pw3biQcH1oCxyHijwjqes2thbaJ4mm8LQWaFGW3so7neo2CP7x42jcK4+ztNU+HfxY1jVNZF7qukatpVnb22pWtq0pEkKlZImWMEK0hJYDgdOa9b8s7k+X7hyOPwqyGfb8pxxj8PT6UID5R1b4W6zD4H+H3h6WDVdOd9V1DUbiWwhYyaZDcLKIwSBwV3IGUHIya7iP+1/Enwv/wCEb8W+DNRafTrmCCVbGBo0eKOQqt1alcYIKg7eDmvd0Dcneytkk++aj8sKRt4xjB78dKQHzuvw/wDG7eHbK4JvNc/4R3xJHqmmW+poIb6+s0jCuHB6uCTt3cnbmuyj+H03jvx9rHiXV4NQ0awuNIj0aCPzDBdviYzSSAg/Io+RFPclq9W8ncT1ye4OD+frUgjCjIAB74GPw+lMDzeT4E+HLq3tYGvtf2W9y1zFKurSmVZCgRgrf7meh7msTwL8CLXQtS8drq4vbzTdZvALZZ9Skk8+2xG25yCG8zeg+b72BjODXsDKcjk8dOaBHtBKjYf9nj+VIEeYeLvhHBD4Jh0/wfbR21zb6vaav5V5dyFZ2hcZQysSUyD071OvhfW7X4qL4x1MafbabB4fOnXGy75Vg/mu4BUAKpDLye2RjjHo688n73PPfmnSQrcQyRTKs0UilHjkG5XUjBBB6j61Q5Hknw98M6ZffFrxL4v0i++3aL5UPlC3fMDX8qD7RNGQSC5jSMMw6F3HBzVDUvgX4jvm1VIvEmlMsniGPXobq4tJJbliJAwjlIP3EBIUD09K9l0/SrTS7GOysbSGxs4wQkFvGI0UHrgDpnNWWZtw6nByKCTMtfDul29+l8NPsv7QHzNem2QSOxGGbIGRnr+NYK+BJ/8AhZtx4tGqwiOXTE0w2EdqciJXLh9+/wC9uJ/hH49a7ML827nceSc04KeBkkZzyaBlT7HH5csfl+X5ishdFCyKGBGc464Jry3Qf2f7TQ28LgeJ9Ymj8OTTNp0SiJRDDICHjztzkgj5iS3HXmvXWjHTFHl+3HXFAHm2ifBWz0O21GGDxLrZTUrhru+DC333MxIJDvs3bMDaADgDgYpuofs9+Eb5tQjaTVltrq/Opx2sd+Ujtp2cOZIwq8EkDqTg8jFelrHt7YwAOPSjbnjqPQ9KAOI1b4TaDqGrahfM2o2jalFHBqFta3rRxXixrsQS55JCjaSME981pah4F0PVNV0PU57SRLvRONOMM0kSW4wBhUVguMADkdBjpxXS+WV+7x9O9N8v1GaVmBzGl/Dnw9o9/Bd2mntHJbyvcQRyXEkkUMr7tzxozFVJ3N0A61APhT4Ojtby0fQbeW2vphcXUMkkrpNIP4nBb5j9euB6CuvSMbs44605j6Dmhgc8fA3hw30d6dDsjexwi3W6ZCZPLClQu7OcYOKtWHhTRNP0+60+10bT4dOujma0S2QQyH/aTGD0HatPktzmnqvfOaYGNd+D7BvCeraBpttb6VBf2k1t/osAURmSNkDkLjOCQfz9TWf4R8Palonh2z0fWZ9M1FbGGG3ha3tzjEaBQXV888Hp611u3zF5PGMVF5ILZJ/+tQBHAiwqqRKIkRdqiMBQB7Yp6zN0zjsPQdSAPTGTjHTJ9aUxhScdKTYD2qQFcl+S7bhnnJzz1H09ulRN8zFh1xjPQ9amWMtgY4pWhPT9aZRzvivwjb+M9LfT7y9vrW1kDrOLGVEMqOpUq5dG45P3SOtaOl6RDoul2GnW4dbezgjt4hIckKihRk9+BV4xsp9qcIc9KYCAHpTj9008RlRzS+XuoAg5zU0JOeRxU0dv8uacqkH2oAbIu4DHFCxjGDzinsPmBHenrFQAR/dFWIz0zUax7eKkVcYoAl2hsHFKc0DFOXn6UFEe2hgaeTijrVCGbeKaq1MF3UNHtNSUQso5z1qAxkNzVllOc0jLuGSKoCEKOuKQqM1IVxTcetAEf3WpGx+NOk4xTPwoAY2aiZTU7d6jOKkCDb8xpjZqYkZqN8UFELVA61YIqJu9AyCTO3mq7KfwqxJnJqLtg0AQsm6q8uV6CrY75PFRuu73oAqFdyk1UYE1oSKRmqrLQBWZtq81Xk/WrUyBhz1qrIuPrVAQM5UYqM4K9KmOPTmq796kCCQiqsverMi8VWfHJ7UAUpk+YnP4VQuJAjcjOauXB+YkdKo3D7lx3oANvfNQSqO/NIrv0/WkcncAaCiBgM0m0elDPtY5pPOX0oA+kpFC1DIBgYyMnHuemMf/AF6tSKW61FsUEf3ycfgOf51Bkcf4N8anxdqviiw/s+XT5tCvVtGMzhixZNwPHTjB/GulmVixxuxnOAf0z3P6182+K9HEsPx41uK/v7O90rUFmtRZ3JjjEi2y4dlUgv0xg8e1b2qapefELx82gXmt2+nx/wDCN2d5ZrPcSRCWaUEyzBo2X5lAA+Y4GaAPcfLZdu5WGDngc44I/TP51m69rFn4b0iXUtSmS2tYwoLMNoLEgKvXkkntXg0vhybUvGnww0K+8WaprVhc2F/HcXdpcPALtYfugAHGcEjcDk9a5bxJo/k+BPFej3E82p6JovjKzt9NuLqZmIR3j81TISM437cHnknORQSfVUsRxg/d6Z4w36jj2pqs6yHqpP4cew4/wFfPvxfurBZvFttpVz5smjaGF23V08UFkx8wqYeS0srbeuSBtx61NDp1t4x+I3wot7y/vrmG88MytdxLeSKJnWGMqCAcA5LZx1OaBH0BGMAbeAxPPGG46ZBrl/GXijWtJ8uz8O+HZPEGpNCZ33TrbwwpnHLkHJJ/hHOAa4D4Q6p4gs/h5f23h7S4dbaz8SajaQw3d4YUihWU7BvKknBJGff2rt9b+IE3hXQ9MXU1s7HxVqO4W2nPeKYo2ywWR5Dj92FIZmxxwBksAQC78OfGlt8QvC8erRWkljMtxJa3NnL96GeNgHU+ox396oeIvGt5ofxC8G6BHYQy2OuGYNePKdymOMuRsC+gHzZOPSqXh2KTQfBYs/AR07xPcwXjHULma48iOSaT97NLuVSCSzqQAehxXnnxq1Dxd/wkfw2e1trGHxan9qzC1glMsaZt8DYxA+fAGMjGcjmgD30zWxV281DHEcs24MAOgJOOmfpSxzW32drmO4h8hQ2+cSfu1IxnLDuOeM55FeEapr/giT4PaGdNtX8nVNWs7ea3eTyXku9xLLePhm2bg2eO2AMVxOp3GmTfDf46acbuwu/LvILmzj08FLcSGOMEwpngbmI9+pA6AA948ceOJ/DviTwdZ2n2GfT9X1YabdzPMTLAdjSYCjIHCnknHNdbp19b6ha+dDcQzxAYLRyBwhAyVJ6cd/THpXiXxE8FeGNFt/hlbQWEFpo9/rlvJfsjMqzj7KyhpDu53FgCScfjXOeLfD9z4ft/itL4Gtni8KMunhodPYmJZQ5N6IcekRwxTHLH0qgPpC11a01KO5j0y9s7y4jUnatwGRCQdpbHJXIxxiuT+FvxF/4Sj4f6XrevXNlp99e3FxDsRiiEpM6ARhjk4Cj3Oa5tm0eT4x+BtU8IyWsOlx6ZdvqzafiOL7LsUQiXAxvDdjzxXmPwL8QQ+Gbnw5/wlS291o14LqHRrh0DJYXf2iUyLIp6s67SGI4wMYycgH0/ceJNKtdSXT31K1S+d1UW3mr5mTggYJ44I9+elcv4g1rVbLSfG15Z6tpF7Lp8JntIYwW+zBIizLMVP3iVJHsRXnGo3jaL8R5LvSZrPxJpd94kjW40e6jC39ndh0UXELA8xgBTyeg9OKmhvNLsLj9oJIGgjjbG3YoTzGNoVbAxzmTcOP4iaCTutB8SXmseHfh1dXGs6fYXmsW9vc3VrMgEt4ZIQdkQ3cDcRz71U8C/EK4mvPH58S6lYwWmh6yljDNtEUaxtEjAMc5JywGfUntiuIjvNPW1/Z4kMkBuLWWKOeQgkxKLXYQxx8oEmAc965ux1WbRPid4p8UzxSaz4Ut/E2LnTAhY/PCkcd7Gv/LXYy4xzgYI5GaGUfT8M0N1bpcRTBrd1yshYBSPUnsMDqax9F8c+H/EGpNp+l6rDdXqxtKsaZBaMNhthPVQepHHer+rahDc+E9R1C0h/tiE6fLNFCMj7VhGwh7/ADYIxnPPrXzr4GvJLr4hfDrVxp2qXFqui3tjLbwac6QWMjomLdMrng5DOSc+vNBJ7rpvxB8O6pqn2O21GOWcRySjbko8cf32VsYYDkZHpxXJ/wDC2NK8I+CNDv21WfxWup6t9ghvo7UoGzPiQkKuAI13Ad2K1zPwkW+0fxdpdvp1xcal4OFhcTvaapalJ9E4Vlg3lRuDHcu3B4UkVkeH9N1C1+Bvg900q+lm0nxet/d2aWrecLf7VK+4Ieo2uh/4FTA+i41W6hjmQkpIquNyFDyM8qeQfY1NHFt680+F3vIEuJIpYHlUOY5hh1zz83PWnovvSKG8MORTZF4qU9aCAVoJK6emKVkIPAp7LzxTlUHGaYEDQFiCeKesYXip/LBFRFSKCg2DHApBGVNPjz3pXyenSgBB2o2ZOe1IoNPUnoaRI3aPSj+IDtS+tEbKzHP4UwGMoxxTQrYqwIvypRF15pAVlg5zS7Sr4zU20g0xwd2aYDtu7rSmOnJ2z1pWz2oAZtP4Uu2nnoAaPYUAMahWNJI2B05pFOaAJNpJ9qQoVNSqdq800sJOhoAOPSmsuegp4wF9TTFb5qABIyo56UKo9KezYo4oAZInHSmxxjPSpSMjrQo20AMZSOlG0YHFSN1pDQBFJjoKaqmn43Mc05dvpzSAFyFxTtx6UUnemAbM9acq7elHmDp3pd2KAEbrzSDKnik8zLc09ZEzgigolXpnvS01m6baVT60AOCg9RUq1CG56VIG70ATBR1pVjDVGJBTlbPNBRIV5oX5c5pA3ancMPegYcNzilWPJ9BSD5eKGkxgd6oCXG3ikb7tMV6a0h6dqkBdo60MQBTeuTTC3y0ANZ6azcZpGxTCc/SgAOWo7UA4FIzc1QDWxzVd2J6VPgyNtVcuenucdK820/4gav441zWrTwjb2KaRpVw9nJq+p73SedR86RomPu5HJYdMVIHoHUZxTT61wF94x8W6Tp3jBrnTdMW40SyS9tZFaR4L2Py5GZs8FfuY2nkH1FUtM+IfiDUvgt/wmot9L+3mwbUxZjzPKEQTds3Zzu98YoKPSG71E2Oc1zXw28TX/jLwTpGt6glpBcajbpcrBaFtqKwyAxfnOK6ORxhu/b8aAW5DI3oTUZIGc1zd54mluvGf/CO6XHHLPaRJcajNKx2QK/8Aq4xj+M8k54AxXPaX8QtV8dXWpf8ACJWdhLpWnTtaNqepTOiXEinDGNUUnbnI3HjI6UCud9JTWbagA615X4q+Lmv+GPCPiPWbvw3bRS6JcrFPaSXhXejGMK6PtIKt5g98DsaveNfidqXgfwHa+JJ9Etr1maFLm1gviCplO1ArFMHB6+1UM9BZvU5qCQ4PtVfTbqe4soXu4Y7e5YfvYo5N6oe+GwM/lWLpvik6hrWoaLc2/wBh1S0Cy+WzZV4WPySA9weh9KkZszH5iRVWTLZqvr/iCw8OaPearqVwLSwtI/OmlZS21c46Dr2AHUk1x83xSks9JTVtQ8KazYaO5TbdMI2YBzhC6KxZQcjqB/WnZgde2ck1DIwBrnbL4iWOoeNrvwqNP1JNTtYFuJmaFfKVGBIOQxJDYwPeovDvjzTvFWqalp9rbX6XOmv5V19otZIkif8AuliuC1IDoZfu1Vddy4zipppAAMEMPaoZG+XFAFWaAbcdaoSW4DHir8h64quzUAUza7snOKryR7WA61dfrUDY9Oaooosp5qHa3rVtqioA+lmYHpULY7nPtTmG0A1HI30HfP8ASsjI5S6+GfheePVYpNJVotWcy36G4lxcMTnLjdz/AIcVHrvwy8I+JLbTodV8PWuox6cnlWvnM+6JP7obOSv+ySRXUtE7fMY2x2PQfTJqFsquWG3655+nFAHlvjD4c3PiT4oeEL2LQkPhjRbK4tnMVyINhkAVdgVg3yhQK7aXwjoVx4dfQZ9KtZtDY5+xuuUJ3bsnkkndySTkmtk/NjI+mRSS/vOWOT70Aczd/Dfwnf3CXNx4b02WYW/2UM8AP7rBG0+vBPJ55qa3+HvhezktJoNBsoJbSPyoHiQoY19FweP61tghm2jluuMfpT9/ykdwM7ScH0/KgDN0jw7pXh1JE0nT4NOWV/Mk+zrtDsepPqeKj1fwjoGu3SXOpaLp+pXCII1lu7dJGCgkhfmB4yTxWhv2LuJU4znJ44607zATgjocfX3oAi0nSrDw/ZR2emWNtp1mjF1t7WJY4wSACcAY7CkutD0q+vIr250yzuryMBUuZ4FeRQPRiMip927ihn28YoJKUfhHQPJmi/sHSxDOd0sX2OPZIQcgsNuGIPOTVmTw7pMiuraNpzq4QMGs4zuCjCg/LzgfyHpU0cg3xpuHmPkpHuAYgdSBnmplffwvLH7o2n+Wc/rQIrSaZYzWP2GbTrSayChRbSQI0QA6fIRj9Kkt4ILS3SC3t4ba3UELBDGqIAeo2gY57+tMe+t41LG4jWPd5ZkaQAB+uM9B9KT7ZB9ojt2njW5kBdIc/Oy4+8Fzkj39qAEttNsbKCSG2sra2hkG144IVRXHowAGfxqSOxtI1CpaWyKDkKsKAA8c4x7U9TuwMYNBUqxH48+ntVAEdtBFci4jt4UuAComSJQ+D1G4DOKsLiP7qqO33RyOuD6jPNUlvI1uDbiRDcBPMMOfn2ngHHb8feqf/CZaAshibXNPEvQqblQQ3Ye2T60gNlZDGMDhfTt1z/OgXMm4EORt+7jt9PSomfcB7+nT8Pb3oXI7UgJtx3bs88foc05p5GVcyM23puJOPp/nmoJp47aCSaaRYoo1LO8nyqqgZJ3E4H1NP3KVBBzxncCCCPXI65qgDzJGABY4AAH4dKBNJu3GRy3ruOfWoGvrdLpLVp4kupIzLHCzDcyKQC+3qVBODjpxWHpPj/QNc0rUdTtNSj/s6wuTaXF1MDGscgIDKc9xuX86YHS7topFOarrKWPzED8c/l7VMp6YIHfkfyoAkzQGFc1B8QNGvPGUvheKac61BCLie3Nu4EcR6OXxtA5HJ96o6L8UtD15ojaPdC2llNvHfXNnLDbyTD/lmHYYJ4POcHjFBJ2LNTtwGKiVSQM/qMU5sBfegCXzOwpjNxz1qHcd3WpD83WgCRRuXrQD2PNMHFGaAJflx0pjNtzim7jim9cZoAfv+WmqoHNDL0x0pW+VQBQBJ5val3ALkVVRsnBFS9KkB/mHHWjd0qM5pQp60wJTinqRUIy30p6+9MBWIPNGe9N3LznkdqT+HFACu+RTUYde9Iy8URrQBI8mVxUXK9OKnVRk8cUjRjncKAI1kO3GaQMVNPWHPTigr6UACsW69Kk3DtSDFNVf3mDQBJ9eaN22lVSBzTeGzmgA3E0jMelJ0xiljjMnOcUAIjfMQRmlwd2egoXO4ipWXC0AMVsuAaJiQuAaQD5qV1ytAEA+8KmqNY/XrUgoAiYnvyKa3bHFTleoFRrGTQAsas2M1YVSuOaIUJ61IePpUlCrmnDLEg0qcmnNnPFMBm3b71InamhDuz2qRVpjF71InWo1681PGlBQrKKhZBuzVjH4004z1oAiVeaUrhiO1SKvJOaSRs8UARMdue9V9xYntVhe+aide4qgI3IHFNXmnyR8Z70irtFSAjL3qJiM1KzHGO1QsvNAD42RZYy/CKdxKnkAc14D8Apo/Ak3ijwNrMiWOs2mq3F1ELjA+0QyEbJELEBunODwSa98VQq8gH8Kydd8M6N4kEY1jR7HVRHnY13bpIy59CRkUAc94u8QabqnhPxhawXKTpa6VOZpUw8Su0T4j8wnBbpkDJwa8f8ABPhm01L9mWO9k8Qax/yAZd0Eeor5CsImAj27eFyuNp54r3xvD+m/2SNMOm2f9m9PsfkIIvrtxjPv1qFvDOirZyWg0fT1s5W3vai2QRMeeSmMdz2qgPH/AAn4i1DQ/wBnXw7q2nX9jZGx0oSyyX0TTKxVSFiVVIIJYfe5C+ldXeeIvHWoWml3vh/TNAvLK5tIJpJLq+dW8wgFggC4ZQTkHv8ASuh1LwgsdmltoE1j4btmLCZIdPRkkDDBCgMoDY78jsataLoMHh3QbHSbLP2SzhWGPIwWUADOO2cZoA8q+Ga3Mnxa+Klvebo55NTiYcEYQwAJ1524Jx9BWT+zbKNA8J3/AIPvz9m1zRr+cS287fMUZtySKMdDu69K9Q1Dw1Kni9PEOl+TFeTRJaX0E3C3EaElWXHR13HnoRxUuveBfD3iiZLjVtFs9SuYRtS4njHmhfTcOcexqQPPPj5q1nrHwZ8fR2sq3MlpCvntH8yCTerBd2MMQPc1xvxl8O6lD8CZL648U6hqdun2BhaXEUCxufNT+MKCMA/lXul14N0G+0ePSrrR7O50uMgpZNFiHIOeVHB59arah4D8O6lo6aRdaNbz6XGdyWZZ/LXp23c9B16VRRzfiXxbrfhuzsby10u1v9GjFtFctJKwmbzHVAY0VTkDcuQeT1GKxPHV4bH44eAJl3Rpc2F9b3Py/wDLJMOCQDzg5HHTIrX8TeC9fm1HSjoV1pMOkacN8FnqKyy7ZuBvPzc7VJ29gatt4Tu9Q8ZS67dRRRz2lmbHTYnBIQMxZ5X25I3EAewAoJszxn4qeOL74ifCW91SGzgj0ux1m0mmiguvPl8lZfnEqbRs25DYPpXuEkmn32ivJILe406aIMzMV8t1bBBJxj0981m6P4RuV1DWtQ12Gwa41SKGG5s7UmWBlQMpZ9yjcxyB0449M1U0/wCFmi6WUjgl1M2EbCVdLm1B3tUPXGwnOB6EkUwOE1T+1j+0Fqv9iSaevmeH7V2XUlkCFd7hdu3JPJ7j3qD4fX1zo/iz4qSatCs97HqcMjwaary72aJNqruAJOeORXoq/DvT4vGEnihbrUP7SaFbdgZVWHy1OVj2bDgA8jH/ANasz/hCZPCd5r/iHRZNR1jWdQxI1lcSRBJJfuoQdq4Ixjr/AA89agopXHxm8MWulw32o3VzYea8kbQz27+bHJG22RGABwQcV1sMiXECSI25XUMD0681h+A47y30Zo73SrjS7hrh5JUuGR2md8mSQlCVGWJ4z6V0G0jn2oGV2XOR6VVZd2TirUmeT2qFvu1RRTkz+FV5GzkVamHynFUSTk0AMVfl5pPl9P1p2eoqKqA+lWXjBqGThcLxznI6jpUkjEVGWVlyevB2r1IzzisDI+UY/GMeh/tbeI9J1rxFeWvhq0tTLDa3F9IIRKY4iDtBJPLN7VN8EfEU3if9pHx5Z/27qF94f0+B5tPS4vZHgj+eIb8bunzPwfWun8O/DvxXp/7Snibx7e6DPDoOpWrWkLGeJpASsKhtme/lt2/iqn8N/hf4p0b42ePPE2qaM1ho/iKF4IZPPjYwglNpZQc/wdPeqJOu039oPQNY1vS7eC2uYtK1XUJdMstWk2+VNcIMkBQdwUnKhjxkVzd7+1FapZ+KLmDwdrdxD4YmMOqzbo1SEBihOS3LAgnAFZvwT+EniHwERoWs+FtGubSyv/PtvEs8iSusecgLHgtu44OcfNXm3hHR/Eniu0+OWgaHpFvdS61rzWz3NxcpGlsxlcksG+8u3J45+X3qQPUfiR8dr21174bad4Z0976z8UTR3aXCyIGuIxtzAmT8rneuSeMZxg1CuvW2tfH7xXp92msWuqp4czNbtdA2UUexGBQKc7iT1B70zxH8Ddfsbv4QXGgfZdWbwbCIrmO6nMPnEhG3gkfMuQ2B97AHB4NWYfhj4rt/jn4k8Z/YLOSy1DRjp1vi7jVvO8qNdxU8hco3vz2oA4P4P/G2T4Z/s66VrurWl34g+1a1PZt/pQaUMyjaAXJ4r2LQPjZBd+PNU8I6/o83hrU7Sw/tWNp51lWS2wSzHbx8oGcZ7Gvnr4j/AA7134Wfs1+GPDWtLbx6hF4ljm3RXAkjIZXOSfT5SD3r2my+C+seMvibr3i7xYLfSkudIOjWtjZzecdroVaViPuj5iMdcGgC34P/AGirDxNrnhyAaa0Gm+IpLiPTLprhRIxjIAMsZ5RX5xg9CK5jUv2srqz0PXtXbwbKLDQ9UXS72drxcFyxX93xk9M9K2vgP8KvGHw3tbXSdSTw9Lp+myO9vqduge7mTJYR5wNnzH756dOgrkJv2Y/GV18PfF3h7zdJim13Xl1kT/amwiDcWRsLyeV5HrVCO08VeItNm/aQ+HFtc6ddyXF1p0s9jcw3ZCRxssjt5sIX5jldoOe9Xvhh8eJviZrT2ljptqkUc1xbyRyXJ+12xjU7GlQqMBiAPlzjd6il1T4T+Ib74v8Agbxdv0+Ky8PaWLC4thO3mSsY3Vivy4wGc9eeM9ay/CnwH1fT/idYeM7w6bp9/aW00dy2nztjUJXBCF0CgIBkk46nJ9KAPFfEmqaTrf7LPjq+03SZNMePxRGHWW5NyxmMib2UkAquGOAe2PrXrVjrVkv7Qnw60ufSFbVX8MKbXUFvHARfIcuGiUc9Dzn+Ks6P9mHxKvwZ1zwKdZ0fdqetDV5bovL5cQ+UshXy+fmXr7V2lv8AB3X5vjF4Y8aPf6W0Oj6Uml/Yw0m6TCMpYkqOMt+WKAOFu/2rPE0PhnxDrw8LaYlloetDSLpheOHkYsVyq7euRmvpWbUI7PT21KT5IY7c3jA5O1Ahc89+OK+dLj9lbxBdfD3xN4ZPiHScaxrY1lrpklKxkbiY8Y7nHtX0QmniTSY9NuSrRm1FrKVyFI2qjEdDjHNMDiPgrenVPhpZeLNWIF/rSy6neTNj93HuO2PPUKkcajj3PUnPlng/Sbvxt8L/ABVPYeDmu9X8aXd1fw389vHHbWsEj7IXD4+UIi7sAZJP0rtvDvhTVpvg5cfDZb+DSNXsoJdNmu7hGYvZszlZogOpZHAOehzXpXhXR28N+GdH0tmjkGn20dvmFCo2ooXgHJGQKgDz2b4gjwbZp4Vs7uC/1Dw7pttHf3147EPKYwIoo1GWkdwpbA6LjPUU68+LPiWx8YeFfDjeH7QanqmjPqV3bNM4ezkGFw5wVEasSSepCMAc4rWsPhffaT488Qa7p2uQW1trciXFwpsBJdwuqKp8qUthAQOhB68VZ1L4dQ6hfeML5NSzf6/pyaVDMYgTZW6RkYHzZb5mLnGBkVRJyM3xI1XxR8JfCN/c6Pps934t1JdNNjMZDHNbPI6iRejY8tS5z6Gt7XPHWs2/xGuPB2jW9jYtb2ltPZwXEbZvYS22YxNnavlL/CQScVJa/COKFfAUKa/dLB4W8whVhTM5eMIBnPyAKGUYB69QSas6b8MZY9Y8O6hrOs/2xNoM09zZs1sI5fMk3A75C5DKMsMDH0zTKKtv4yFt46+IWs31vp50rwhaJDDqMMDLNuaMXEsZdiegCdOu7BrktGTVNB8C/DbQZI7G61DxZqJutWtb+LzCfNJurhwc4BRQq8j0rqZfgpb3nhnxjpE3iC/k/wCEou3vJphGq+UrSK7Ki87vlQLyegrYuvh/bXXirwvrb6rqDPoNtLbxQkj9/wCYwZmJx8rfIBxjA46UEnm/i74reLLK8+JR0eSw/szw4IY7W5ktOtw6q32cDf8AO+XRe23JJzwK9109bmazslnZDdmGMTeX90ybQG2+2/P5Vw9/8H9L1DwjL4fN5eQxTaz/AG3c3K7TLcz+cZdrDGMA4GCOiiu0vrNrjT5bOO8ubQSIYluwweZVwR9585bHc855oKPmvRNcfV/ixq/iLWN8XgjxTq0mi293EzKJWtQI4Y5WzlYpGDn5SMsOc17V8ZdKgk+Dfi+3SGO2S20uWa3XYFELxLvjK+mCg+Yc1nzfBPQ2+G0XgSS+1JtDWVZI2aWLzwVk8wAPtwDvyc9eetXvFXha51PwSvgm0uby7j1FPs1zqV6yu1vaBk3gsoAZmXKDjuSemakk6LwdqlxrvhHQNUu2L3Woafb3UrHrveNWb9Sa1mXd1FNs4IbG3itbdBFb26LDHGOQqqAoA9gBUuc0wIfLw3tUu35c0jNgYxk0qE7aYDdppMfNT80w53E44oAcqigqA3tTFc0vmetAD9woZfMXrzUe4Zp6sM5oAaU8tQMUmdxwOKmkZiuf4V5J25Ht096Z/F6Hv7e1QAmCvXmpGxtGKZtZmAAyCcehzjp+opf09KoBU+XvSv7UxqFJ4p3AfswtGOKSS4WNdzsqgYyWIUHqOp4ByVpjKR9773egCULninAFeKIsKBUjfN0oAZnBxnikbLdaUKFzmsvVvFWj6DfaVZajqEFneapOLazhlb553PZVxzzjuKANHJzinjOTVS/v4dN0+6vbpjBb20DXEjMpyEUZY4Gc4HYc0mm6tb6tptpf2cnm2l1Ek8MmMbkYAqcEccEcdqALu0U7bu59KzLrxBa2WraZp8wmNxqRlSDZC7rmNN7FmAwgx0z1PFVPCfjbS/G1vqUujzTSR2N6+nzedCY281VUkBSM/wAYzmgRveYCpqNBuc56VgHxrp6+Ok8JBLkaq1k9+GeArCY1IBw5IB5btnnitzftxwfXccgdOh4oGTsinoMCm7gBgcVza+OFuvG194btNLvbqTT0t2u75TEtvAZU3puy4ZgRnoO1ZcnxWsYfE+laZcaRq1paardfYrDWJ7fFpcTc4Uchhkgjle2eepAO43BeSeaUOGHqKq6lfW2l6ddXt27xWtvE00jhSW2KpJIGBk4xgY61w+mfFZ28XaXoGseGNU8Oyaysj6XcXgV47gqNxjO37jbRnB9aAPQR1p45rH8VeJrHwX4c1TXdRZlsdOiaWQKOX5AVR6MSQPxrG0vx5dDxBb6BrmlRaNq19Yve2AW7E0UoTiSNmABV1LKSADwaAOt6se2KazHnHBrkvBvi3U9W8SeJdE1i0soLvRls38yxkdo5FmjL9XAPt0HT8a61vmUeuOaAH/wk96N2KZHlsqaWVSMY60ATwuT3qfaMYIzVOKNg2asZpFEq4HSngjvUKt6VIvv1pgTL7dKBQvA4o255oAXb3FOGV5zSovAFOZRt4FBYK3yio5OWoCOF4PFKM9TQA5fl69KQqAeKd976Uw8daADb3pjYp+/cuB0qF881QClhtwagdvmOKc1R1ICkEim7aduOKSgBGXNMYetSE8UzIPB60ARYXuKgkXd2GPpU8i4Y4qM8YoAqspUnHHGOKgkzyatuO9QSLuBoKKrAMCMA5GDkdvT6VFLlVxipxGV5pH5XmgCmO/amM2RyamZfmPpVeTAJqhjR8rbh9KZNt2jgd+3r1pS3btUUp4qQK8qbunGOf5f4VBJGFUYOB6dqsFguSaqyHctAiFk+bd39agkUDJ79zU+Tz6VBI1AytJncccc5OOAfrUX3asSYqvJ93OeKBLcrXDdfSoCOKnbDE96quxVj6VRZDN3qm0ecmrch3Z9KrycZxQBW6ZqKpiOtR7RTA+j5MMtQqCvTirJjpqxjzFDHC5GT6Lkc/wA6xMjF1jXtN0FYjf38Fk858qIO+13P+yACSentz1qeRj97aUkPPzDbjP3s9e9fOfhnx94j0zQfEvxavtKsdYs5NRltEL3DC5tLCOTy9sK7cKMjJ7k5J617PP8AFbwpb6/DpJ1qCHVJzF5dq24Pl1DqCQB/CwoJDT/Gmha1q82n6fqkF1f2jYmghbLwryMseNvTPPXGa5T4eW/gWw1jVYfCTQJqZZmv1t7iRm356yEnG7OeTzzXO+B9U1W1+L/xdXSdGOqhrqwVyL2KHy2FueOeo71neDfFk3hNfjp4iv7RUns9WWRrRZA2XWAFV3DgqTigR7Te6hDawyzTMILZFaR2wcqpwScD8P596i8K69p3izQ7TW9JuBcaddhjDMqlQyhyOn1Uj8K4Xw/qnjebXraPUrJ30C805nuLiaFITbymPcioN+XRsY5GeM9DXIfs5+J7/wAXeE9A0DSdQXS4dFtDLqHmwCWW5MkjlViB/hUDJfpyR2oA9s8SeDdC8YxQxa7pVvq8cDF4kudxCMRjcADjPoe3aom8Q2FhfXmlKJVexslu5AsMhRYyWA+bBDMNvQc81534017xhb+LNP8ADmgeIYptf1G4e4a2WxRrfTbESf6yVj833CMZ5LVv6T4k1e4+MPiPQJrtbzSbXRra+tk8gI6s8rLlzyCSBn054qgOp8I+MNN8caLBrGlSy3GnXDuIpJUILhXZMlTz1U1vbWZsndkHOSOgr57+HWtXel/BHwGllqsenxXV/cxTNEoku5l86ciOBGU73yFJJ4C5rR0v4heMtQ+FmqX4hvLy+07xHPp939mgT7aLONhu2xkbTIAw7HjmkB7pu2rkbht9D/MVXurmOGGSaeRUhjQmWSZsRovqcjoM8/hXi0PxTu7zQ/D1noWsy6pPr2tS2QupAkVzbRxxtIYmVgEVyV2ZYH7341h/E6z8aWvwt8S2+v6xJFBHqVk1gIriJrhoJJ0UpcFBtxnPQcgc9KQH0M2dpLBt3GR97B9OnFPj/eIccgnsc/Nxx09hXjHxU1DWPD95qmn6d4jv7qXS9EkultbUobiOQO7G4uX27QmFAVMc4b0FVv7e8Q+I/Enwnt4/EV5p0PiDRZp71LOJP9YltHIzLlchm349B9aok9z2kNnDZUfMwBzj16VRbU3TX7XTVsbh4ZoHuDfKuYIyGACMf75BJx7188alqXibT/hr451ceLdUluvCOtT2Fgu1P3yxyx/67j5yVkK8HHFem32qarJ8d9F0sardJpl94auro2UW0JHMsiKJVG3k8k855wKZR6L83LbWzt2ZIYFR1A9R9M0qttVAQyk9+vP4djXzLpup+IbH4c6B4tk8Xateaj/wlH9nLFLKDbSwfbXhYFAPnJAznt2rtIpp/iJqnxR+06tfaPc6FdyafpsdnceUtuscJkEzKMB9zhiS/GAAOc5gD2R2JYn04z3HqM/WuE8cfFaLwKLi4n0LWL/SLMr/AGhqtuiiC1DYwSGbL4BGSBgBvUVmeEfib4o1XwL4Y1D/AIQ7UNeur/TUuLi6s3jjjWTLDJDnOCqh/wDgVXvj3o+rat8PdUfS9TgsV01DezWlxCHjuxF+8MLuG+QfKMgfeyBQB6BExm2vC4lVxuXblgRjIPXpj37Vw0nxWNr4r0XSLzw5qVnpms3ZsbHVrny1WabBxlA25c7SeR0Ga6zS9Vk1bStKubiNbO81CyjufsTNhkLIrFQD0C8jGOMYrz34sWetWviPwX4n0zUkvLaHV4bSLRXgVo388mN5UYHO5VLH/ZUHGKCT1WRflIOORlg/P4n35xXH/FXxzN8PfC6aqunC/LXcEEkck3lCMSyLGrdCT8zfdA6HrVyXXPFsfiprSDwpC+hecoGrHUELMmN2/wAoDOc9vevnvXLjTvF37PMXi3VZlfxZJr0El3I85WWGT7ft8jbnhVixxjGeevNUgPppI9Tj8UTWr2sKaQlsri48zMr3BfBQx7flXBHzGtGNkZkVZF3MM7UOCcD17/l2615JcWVlcftDeM7YTMbW88IRSTIbp8ZM75cYI2/KqHjFeWaD4V0l/hb8FdV8ub+1NS1O3tb26W7kWaWBzP5kOc8KQMYHAzz1FMo+rIZ47hQ6SpIuSCykYBA6E5POcA+g5qpPr2n2un3d7NqdutpZZe5n89fLjwMHJyfRh7hhjrXzp4mEvhCD466b4YR7SxtZdMkFrYqzeVC6KLto1yCMpkHB7+tasWgeD9Si8T6roGtL4hN54ZnimsbC1jW2WNULRNKi5HnZxgEA8GkSetQ+KD4i0fw3qOg3tjDZ6jcQPKb4nebd1BKIFPEuGT5TnG72qv4Z8YalqnxN8Z+HbyK2Sz0i2s7i1+zhi+2YMf3hOOeOgHGK8Webw3ceAfga9u2mwzWur6WLmaPYu2TyAZiwBycNt3HOckZ5zXoei3E9z8ePijFp91Zpqcml6WkBvTuiEgRw24LyQu7nB4yKYHofiqTXYdJMfhu0tbrV5JliQ6gzpbxrklnfaM/dU455LCuV8A+IvGN5431rRfEh0R7fTbKGZpNJEobzZmJRDvPXYpY/UV0nhS31+3sbg+KL/S7uUFXWXTYHiRECksHDk5IIzxXO+BrXUNS8H61rltPHY6x4ku5tRinukMscEbHy7dWXcDgRRofbcaAO2vtStNLs5rq8uUtbaFQ0k0xAC84OeRjtgdzXKeIPGlrqvgnxNe+Gtbt2vtMs5pjIkYlMLIjMN6EjGdvcY5rh/idpvi3T/DOj3+t3sfia007xLZX1/BptkYh9kXduBUM24B2DcjoBVXxJ5GueNfG/i3SpWl0L/hDpNNuLiFDtvbpy+xUUffdUwM9twB6VIjuvBPxAsr7wz4Pi1XUVk8R6vpNvemCOPLSllw0gVeFXfkdgMVq2HjnRNV1YabZ332i6leZIQI5FjkMRPmbZCm1tu0jg9c+leL/s+apfeA7jS9K1qO4votc022ms9WktpM2zRRrG9nL8vyKGB29iTk5q74N0vVYfE+n2Phua+OgXsV6bvS9agIk0CR0YK8c5H3WdsbTnPWkM9Tt/iZ4bm1i3sRfsRcXDW8Fw0LrbzSKSCiTEbCcjHXqDXUQs8m0bGy2FxjnJ9D0zkY+pr5+0/wAMat4o+Dvhb4eXGj39n4g0q/tY7meS3ZYolt5t0lyspG1g0YPQ5LMAa9VuvhzcXuqalfHxp4hEd4swS0EkSwwLIjKuMLnK5yMnOV9aoDkdU8eaxqPxi8DQafc+V4UuLm9t9qDm/mjt2ZmBx/q1YBV9SpPSvW5pDZwSyrBJciJC3kwjLSYz8qEkc+54OR614dqHwD1Sx8bfDoaf4n1++0rTJblZ5x5I+wRrb7U2gKMlydpLZ456nNeq6b4AtbHxd/bqaxrjTSTO/wBmm1AvaR7yfkEeANoGcDOPlFAHm6/Fu08U/BseIvEui63a2M18satpwKAlbphHh1YkAEIrE4BJIr0SP4gRXXxMvvBp026g1CK0N/HdT7RBPCTtDL82T8zAEdQQc8V5DJ4A8Wy/s8P4MbwzI2qW9+pGLmEiWIXjXBcDOAu0YAJHNdj8cPD1z4quPCd3o982k+K/t/8AZ8JZlaVba5jK3CuoJI2J8+emVpgalv8AFoahpuhTWfh+/ku9Y+0yW1vNJGgEMAy8jvnaoP8ADzk59Oa3/A3jKz8e+D9L8RWKmC2v1YiOcgMjK5R164OGB5BOetc7468H65JqfhK30Kwtb/wnpkTwT6NdXXkxF1CrBLJkESImD8p4PfNZXw7+C0MHw803QPG2k6fqUul3Vw9ottPJIoSSVnJO0qAORgZPAFJiH/tGWyT/AA5tr3zpUe31ewaMxTMqsr3MSnIU4YFTjnNenarqVnpzh7y6hsonZgrTSBA2McLnqeRn2rhviZ4Eu/EXgCz8NeG7axtoo7m1lQTzmOOKOCVHCjhsk7cdc11Gu+GNI8Wi0/t/Q9P1CaEb447qITLAzAbgu4e2M+1AHM/EL4lXvhSO4nsLOyfTodJOorfX1wyxXLndiCAqp3Nhc9DjcvBBo174k6lZ+CrTxZa22n6doUukQ6m82pyyM4klAZbdAg5bDLyfvZ4xg1n+JPhFqGqeJby60jUNM07SbrQTosdrcwM7WAAYb7dVIA3BgDn06n7opr8G/EzWXgawutc0e803wzBGv2OS2mjhuLiNQkTOFBLLGoBG7ALEnFMZrf8ACceMY/Cfh691aw0rw9daj5sl3NM5lSzUKDDH5ZZXeRyRwM4Ge/FefeJPHWo/ELwF8MPEENrZwaxJ4ujtQjFvIaRTPECv8W1igODgjgHmvQda+HPifWPEei6+/ie1h1fSrm5dI1szJbokyxooVCwIkQKzbz/eP0rN0n4E3Gl+D9O0ceJDPd6ZrZ1vTZ3swF3iR32uobLBjIeQRjGBQBDYeOvGel33jfw3qbaVPr+laR/bWn39vA6200LBwUePO4MGQrnODVPXvirqmn+DvAWr393No+j6rpnnajrlrp/2iO1uDHG0YkTny4zuY5A/h7Diu7h+HMrJ4iu7vVFl8Qa5af2fLqEdv5ccFuFZfLhiZuPvu/JOSxz2xU034VXWm6DoenWvidvJ0vTTpWyXT45IbqDK43Rl8BwBjIyPm/CqEZTeL/EFnr3wsh/tazu9P8QLPHfCzg3LO6WzSCRX7rnsMVxPgnxhcx/E3xl4Ktr+TRrnUfF+oX39otErh40SItDEWBDStwduMqBn2r0m3+DGnabH4JTTdTu7K38IxutiohVhKzqQ7yZ5G4MenTPFUrn4B6PeRat9t1bVHuNQ1ZdcN3EsUc0F0OrQkLkAjaDnqBQBX1mY6T8ffCrmSa9jh8Jah5hYhpJdkyEZCgDJ9gBkjscVx1z451+P4Iad8VLfV7mTVGZLqXTSFNo8D3HlG32AZVgCOc7sqeccV6z/AMK7tpPF2leJp9a1S41bTbNrFCzReU8bEFw6BByxAPHfpiq1n8IdAsGMMBvjpQu/tyaHJcL9iS4yGDhfvY3fNsJ25JOKkZQ8JyBvjV8RhGSN9po7HvyYnAB/AVn/ABsj1vRb7wt4nt5LG+0XSdUtt2jXFuwcvMfJ81X3YZlEnyqBxyT0BrX0ex1PRfjJ4m1H+yby40zVrbTYob+FVKI8SOrbwWBwC3X2ra0z4daHo9wk6SXl68Vw1zHHfajJcRQykn5kQsQCM8Z6UXJW50n2VN7wqPMTJzwrfKf4sDjHGQenWvPZLqy8beMtJ1+W5gXRtDnlSyneUKL2+lxE0inklFHyjIyxYn0x2OoeDdH1LUb/AFC4s/NvL6xFhcSea6loQxYKAGwvJPK4OOM44rndF+CfgXw7qdpqWn+F7a1vLVleCTzZG8th0IVmI4+lBRg/tGQHVPg14gisz9ouLO4tLm4ij++qpMjsGXqMLuY5xwBR46k/4SD42fCt9PlM6WceoalNOh3hYHhVFJYHhXJAHc/hXotn4f0zTZtTntLCG3l1STzb5lXP2ltu35geDxwR0NQaP4V0jw+tyNI0u3sZZlxuiUknAyFLclVyc7Rx7UMDi/CahfjX8R1xgG00k49cRzDmvREXcM+vNcb4V8L6rp/jbxP4g1gWUDarBZwx2tlO0rDyVkyWLKPvBweneu2hUBQOuBSAdHGfWn+WN2OtIvU07dTAftwoo47mk3bhTlIbHFBQKvQ1J0NC9qC3zdKAJVGeKkVT0oiXvipVx6UAIE+UGmsxVgKlJ7CmHryMmgZEvztTnUjilJ29BTeS1BQIxUYNJ/rMntUjCmj5elAEQ+XpSSZxnNOkO3moJm+XIoAbI2O9M69KZuLtn+Gpo4+5PFADOlFSMu45BqPlepoAOxqEsakLU3jbg0ARu2FFM+8M0MvYdKT7oxQURycCq5bk8VYZSwqFqBEZ/SopQMYFTNiom7tQMrN0IqpIvfvVonqaiYButAyrtPNQyZ71cbC5qtIRuOaAKcw+Xmq2DgjtVqfvUCd6AIME5FV5I8e9XJflXiqvNAFWRSeelQsmV5q9JjbyOarSEbfaqAoMCvTioW+7zViZhziqx5yDVFFaRgM+tVZJPUZq3JGOveq8igUElZ26kcVHk1LJVfJpAfS285JNR+cVYuMNjBCngZz0P4UbivB5qvMzIHZY2l2qWEarknj3rMg87k+DcH9k6poCaxJF4Pv7t7ufSjB+8BZgzxrJuwEZhnpnng13zQwiRCkMMW3BUiIKRjpg8nj2NYHgPxpb/EDQn1SytJrSOK6mtClwMPvicI3I6ZOa3/Lbd8uWXPPU59+lSBw/hP4bzeE/FHiPWX1o6jJrjrLcQzWpQI6LtjI+fOAp57k59qydN+EVtp48Wxalq0ur2Xid2l1CF7dY/nKBAVbdwAAMZBr0uSFnXaF98DoP061m3l5baWsDXU6RGWZYIN3VpHO1VGe5PH60EnGeF/hLJ4bshDJ4u1TV/ItntdP+1onl2ispUsFBBkcKSAT0FZWk/AWy0H/hGprDXru3vNBilt4LpII90sLHd5Uozym4ucds+tereW3TAb0U9wPXPcCovmk+Yk4AyGYn7vIHP4mgR57Y/CN7G9169j8UakNQ1uTdfXLQwtIy4AVEYqdqJ2AP8XrW3p3w1g0/xNqHiGDVr6K/vbGPTmQ+WVSOP7m3Kk7hz16k11CxbmKlcDPI7VynjTx/f+GZrm30XwtqPiWWzg867a2cRxwAglRlvvMQM8e1AGNZ/AnRrHw/4f0yLWtYhbQLiWewu4pYxNH5gIdSSMYOWGeozVjRfgxo+g2xj07VdatHGpNqyTidXZJGUqcBgQVO5ieMnPsK6Pwh4qsvG3h3TNe04s9hfRCaLzB8wAJBB9wQc+9UJvGlxD8ULbwf/Z+yKbS5NSS+8zLEKwTaF7YJ70AU734L+GtU8NzaTcrdFpr/APtRtTikEdyt5jHnKRwDgAAAAAAcVZk+EHh6fwbfeHrqXUL6G+KNdahdXZe6lZGBRvM/2cAY9vrXXovy7gy4YsN4OcDHBz0HfqaewJXf8oTG4MTgNj04weo70AcJqPwT8M6pqT3ty+qOZ7NbC8A1B9t4gDBWlIGWYbmxz3pdG+D2haJfeHrq1l1NZ9BgNtZNJeFwiOMSA5U5yAPpip/EHxAutD+I3hPw+LW3ksdXS8aS+aclo2giL7duMDkjkn1rr4yk0KvCytGwYLIrBgMZ3AtwBjjnpmgDiW+C3huXQtX0dzqb6drFz9sv4GuSfNmJDFgQuRyBwMdMVst8OdHbXrfW2k1J9Tt7Q2MU32xh5cB6oBtxz1z1zV+/1Jl0PUb7Tfst1NDBLNEHlATcqkhWYE8H8Dmsv4ceNP8AhL/h74d1/UGtrC51S2E5ijfEasScBdxyeg45JzQBRj+DfhSDw7baKLa9/sy1vBfwW7XzlVnDbt+cgk5JPPFXtV+Gnh3WNSur+5tpxcXkCW955F00S3ca/dE+0gPjpzziugGp2pvFtTdQLdtgG38xfMGfQZ64zx7ZNcT428Ya54X+H/jbXoJdHvJNJeSa1jWRpESFVUlZcH/WDnpxzQB31ssUMcccMccUaKESONQFVR0AAHAA4+lYc/w58Ozazc6pPpxmurh1llWWeV4XcAYLRFth6DgrjiobPVL+6ufCuL7T4lvbMTXVvK3+kTMYQwMQB4UNndnt0rG+G/xEm1bSPEtz4mvdOs5NL1+60tXjbyoSse0JjeSTlt3vQSa+v+CLPxF448Oa/cxw/atHErRzZYzSl1KmPk7duG3ZIzkVN4f+HvhvwvcfadK0eK0uMl0fe8nlk9Su4naevIx1PrXSfu5IRKrIYXHmLJnKFeDnORhcfxH0NYui+LdH8RXUtvperWd/PCu94oJgxRM4LH/ZH97GPrQUa/nOrKVH7wHKleMH1HvXO3Xwx8H32oXV7c+GNLlu7pxLPI9uP3jgg7yOm7IHOM1Z0nxt4c1a4njtNdsZWgge5lKyD93CCAZDz8ygkdD3rk2+Lml+DfC/hZ9V16DX7rWLwWcV/bJ5UMn71hI4AB+VAMZHXaeKAOwl8H+H/t8962iWBvJ4/Kln8gb3TAGwnuuAOOlC+CvDfk20K+H9LENsxeCMWqbYmPUoMYU/StoMs8SSRtvikUSI3IBUjII9sGhFHXHNUBRttB0yxuri7tdKsoLq4UrPPHboHlBOSGOMt+NJo+j6doMMkWmadaadFI+947WBIw7YxkgDn8a0mX8qiZdp4pElFdF07y0jGnWflR5KR/Zk2oSckgYwCT1I61ZjtLdJ2mW1t0nYkmZIUVznk5YDOD9asJjpjmoppPLIXHXpSAfIC+f4v94Z69etRbcYB6AbQAMAD0Ht7Uu49lyaEVs5brQA5WYSB1JRl5BHFPjJCqM7VX7qjoMeg/AUoXco9aDAzKTmgBJJGCMdxIIAOTkED19aabiR4+ZGI9Nx5x6+tQtJ1jIxQqBVwWGfSgBPMD4BOSDnnmrUI+YHOTnPP+feqqx/N2zU/C8jk9xQBbZjs25JX0JzUTNhg3RvWnBW2jPWmFC1AAw3KF7Yx+Hp+lY9p4P0PT/Fl54lh02JddulCS3pLMxG0LwCcLxx8oGa21XC+9IVLVRK3IGZlwAcdB+XSk3BSPlHB9KkaP5qV4eARTKG/e6ZH49frTQu04qdVHHFDRAnOcGpAbGx3Zzxxx24Of50u7t+fv8AWnbNvA5o8n2piHq3ygHkDpnnFI6hs4OA3BxxmkOVGMU1VOc9qYx4yh6dRjP+HpTFkYSHcST0HPT2+lP2FiPQVII1z0oARfYAfQYpGFSMtN254oEQsxjwRnj3qNZMr6D0qyUG3B5qq0bR844oGLGoz/XvVrcxIO9vzqgJXXBWMkVOskjgYjwaQFplAUUzJbrzUbTMvysuD2NSR/MuaYCEFeRUbAsoyMgcgHkCpQCakHTFAFNGcHGWx0xk1MnHQYFK3yds05V5oAXGOlJtNOFOxUgRM2MDFSowNOMW7mmqvzUyiTd0xTtxVhkULH7VKqbsZpgTR/MtOZdvIpqqRxUq4xz1oAj3N/dNSYJ5IoPtSgnHPNACHgdKh389KsH7tR7R6UDGeYO/Wl28ZpkkXzDFLLIY48AbmbpQBBcONvvULLxkdDTxCzE7h+FSeWdtAFLbtzUiSD15pJcJ97nNJ5G1dy9aCgaQ/SlPK1A0hVsOpJ9qesny/doAXjGO9Mf5elJJKq5O1s1Atx5jEY/OgB6t7ZprNnFPj9+lDKDzigoYw2qcVV579KtSEhagZc0EkEn3qib7tWWUL2zULxhelAFZlqFuOvWrDfeqKSPcSaCipMSMkVTkYselX5VK5FVZG5wRQMquC3Wotu3NWWx6VC68mgCrJnrUTVakjyvWq0g28UAV5jiqc0mBirVxVVvumrAqsM81DJxmp2JHbioJDkZoAqydcVAzAA5qy+MiqU2S3+zQBDMTioanlA5qLaKQH0s6jrjmoDGJGGBls4AA+YnsB+tTSZ/CoJsTRNEXkj3Z+eNwGXIxxkVJB8qab/afhX4ajxXYa3qFvNH4ykijsUYC2MbX+yQMmPnJDE89K6/X5vEfxI8U+OtO0/V4dJn0S6jtLNjfyQG2UIsnmlVQiQFmOd3AAwOea9Bf4M+FP7Aj0Vre9GmR3RvVtmvZMecW3byd2c5560viP4PeE/FWuLq+o6a76gUWOSRZ3RbhVOVEu1gHx/tA1BJ5zbaPqvjb4sPpGoeMtWSyk8MW95IdLufIjkmeTyy6DGdjfezwRXG2/wBs8VeH/hk/iG9uryS28Y3GkLeNcmMzwxlwjsQQDyow/wDs9a9MuvAFzrHxs1DWbvTL+y0E6PDYW91aXHkjzFlZiuEIOzDYx044rudS+HvhzWNB0/RrrSom03T2WS2gVmXyyAeQykMSdzEknnOTk0CPCvi5q11a2fi3UtG1W9uH0a7sYFvPtjRQWJHljyI1zidiCGZmBHJGSeK6PVtEXxZ8dtf0y71rVF0t/Dcd79mtr50RZGlI3DaQQBjPbr0rutU+DfgnVry/ubzw9byzX4Ambc6hsBQDgMADhF5HPFWbX4a+GbTUJb630pYbqS2FmzxzSL+5Axs4bgcdvrVAcT8M/HXiiT4Q+Db2y8OzeK7m5tZPtVz9tjjMbLKVUHcckkd67PxZ4slt9Pt9Hia0svEup25xb3EoaOzUjbJNIwP3U5AxyzYA68bfh/w/p/hXS49O0qzWzsYySkIdnC5OTjcScZ5xWTrXwv8AB/ijU5L/AFjw3Y6lfSKqvPdBnYqowB16Advr6mpAyrNb3wf4T0HSfAWiQ+J9Ps4jZtJLfpAVK4G4nGGLMSTjocivM/i/rniDTfiJpN5bWXk6j/wiMh1G3t5PMmt4GuE+0GIAfM6DOAeuDX0NpOk2Ph/Trew0y0hsLGAMI7e3Xai5JJOPUkk565Oaoz+EdDutVOqz6VbS6n5Zh+1sD5mwjBXIPTFAHlvii48Hr4f8B2WjN9s07VL7zrK1N0Rb3ZSEkm7kbJwoyxUnJK4FeY3kkOpfAXWbKW+WSWx8b/Zovs08iokL3Ua4j54QqXwD0B9q+l1+G/hL+z0sf+EY0w2UconjgMAKJIM/MB2PJ6etOfwB4XeOWNvDmleXNN9okj+yrtaTGN5GOTj/AB60AeV+Nvhv4Y0/4rfDzQ0s/J0S4k1eaa3kuX2yM0KHBZmB2nbjG7B9OTXG38N14R0XxZY6ZNcN8P08Y2EG5ZWdFsyFN0iNknZv2qcHA5HrX0rqXhrSNX0+3sdQ0qzvrO3wYYZogyx4GOM9OKnj0qxTSzpi2VsmmtGYjZrCohZT1BTGD+PeqA8hvrC30r4zahJ4d8iDQrnwpcS6pHZ7Vtkl3Yt34O1XI/QE1wv7O2sQD/hDbTxbHbTSyaNEPDVzIQYIlX/XRfN92fdyWPRQu3BJr6Ps/C+kaXYTWVnpVlb2k/8ArYI7dAknswxyPY9KcvhnRgkK/wBj6cVh/wBUps4yI+c/KNvy/hUgeG6DM2i+PtCeP7D4n0bVtfuXtb2MCPUbC7cyh1lByZI1G4duCOeBVO6uNPt/g38f7WwmhCLq18sCRv8AfVoowu0ehIP0xivoO10PTbG8lurbTbO3uZN2+aO3RXOcZ+YDPOKkj0fTo1dRpljtfbvX7LHtfByMjbz+NUB5BqF3pa/Fj4NXfm2qySaZdq7HbkD7KoTJ6feLAZ7qa838D+J4fD/jrUdZ1t4dV8Gy+K9QiiXG8WV1I6+TdlP40ZQVBOduM8V9VrY2qFCLO2Aj+5+4T5Oc4HHAyT09TTxb26rtS2t0TOdiQqq5xjoBRoSYfj7UbcfD/wAQX4s3122/s6eX7LbPl7pPLJKgrknIPt3x2NfP3hbXLI/ErSb1rttRtJfBlxabLC1ZIYcFSsEbEDcVUMCzk8gV9PKojwFAUKAFAGNoAwAPQY447U77Q6YWNjGFBUCP5cA9QMduOnSpKPBvhLqH9g61Hpa6jZ+JvCMOgzSQanNCI7mwiBT/AEW4/hbPHGckrWJ4ZdtL+CnwYu5ba8kg0PxCkl/HHbs8kSh7j5jFjJ+VkOff2FfR67k3BW2BvvKvAb6+tW47iTez+Y28nJbPJPP+NUA1ZvMVXZWQuA+2RdrDIzyO3XpSrgk+lMb5mJznPrSxnbmmSSqpbvQUHcZpqtTTKc9agCQKByBUU0IkYMe3SnrJnvTJpDgr39aAGxJ8zGpTDk+1QW7N82TUzSZqgHrhfepR0x1qBadu2/SpAjuow3OKFgV15XNK0gZeRxRDLuGM8ULcQz7ONxxxTduxivY9alZiOc5qJpFabGcNjJoGWQflAp64xyKYD6c08fd96BDW706OoiT0qSP7oqgEZctmlVgGwTStuVchc1lahdzKrAKVPY4pgaQO4nGPrT1Xd3rF0uRxMRzI2MndxWnulz93FICdhtNOXP4VX/fccA1PmQLghaYxxxTSOSKRfNb+7TSsuc/LQBYXhTijAqBfO3MMrtp0azbvmbj6UCJqSg8HHWk5oGI2BTZFMkZx2pWU4zVVt6ytliExnbQBLGvy46D0qVRtHFV7eYtnjip91AFa8XfJEMgHNWE4FQXEe+4hOM46VOzeXgHrQIdyOR0oVvm5FKvbFOoGBxycU1VpWO44NKrbWxQAjfKM01Z1ZvbtU6jdmmeVuPSkAjTKowSc0i3Cc5JHpxUpjK9QPyp0agg8DP0plCrN0wjGn/aAOArbvTFWEQKoGKJBtbNAEX2g55Rvyp32oehz6U/JfjNNKdsc+tAEBvG68Cnx3/mNtK496etqhb5uam8pVGABj6UALuyOuaUc0iqMdKRiV4AoATadx9Kinby5ExVheagkUeYCRQA84FNxkGl8o+tITtXAODQBXkXLYIpf4QKOSeTSOcA0FlS4H7xRUnamN8zZIyaNx59KABm7VUcKJj24qdmDZ9aoy5+0H020AWlI2ilBG2oI5PlA6U/J9aAEk+YVCxNSt0qKQHtQBGzGo88HNPKnANQXkyW/liSVYQ/3SxHOPrigCJs7jmo27037bbyYIuIcnnCyA/hTJZlVjiRSv+8p/rTsA2Sq7ryakaZX+bcpHpkDn3OTikP50iiq68kVE2FzmrUmMe9VZFz1qhleTvVWRSx4OKtyDiq0nGaAKswHc1UkAHTpV2Sqsi5J4qgK8mNmBVOQHmr0kfvVZ1696QGfITnpULLuzVyRarP1NICqy1Hsqw9MoA+jZM4xioGjbaOTx71ePf0qB1ZshfmboBjHJ7fXHIPTrnpUkFMq2cfNnGe5/H6VGx45DZPY8g14h4z+L+q3nx08A+GtIaS38NXuoTRyXyrg6g0ajeqZ58tCRyOpB7V7hcRllkDCRFbO4qNp7cr+dJkkTKyHL/Ju4w/+FDKdobaQM7d3bHr/APqr5q+E/wAQru6+MnxH0jxJ4xu10rR55LXT4Jr5IFx5zKTngkgDNM/Z58bax4gvfihfah4j1TVYdEkmtrBRIH2punw4X+Ngsalck55oEfSzY3HdnA68YOB35/Co5EMajqOxJ4OfpivDvh98YNE8K/BnTNe1PX9R8Tm61CW1tpLi32XV3OzjbHHHnge5OOe3AGZ8MvHWt6x+0x400yebV4NMtdJNwmj6g2Xhk/dFiFz1O5sc45FMD6F2svByDT04PPTt615L4L/aR8O+Or7TLPR9I1qWS7vDZPI9oRFbNtzuds4A6/lTm/aU8Lti7WC7Xwz/AGr/AGMfEDbPJ8/bu+4G3henzYxzUAevbSoy2cdsdPfJ/KmBSFwTz35zzXz0fGV14Z/aq8RQXWoXK6PaeGmvZLJrlhF5gjj5UMcdx9dw7133ib41WnhPwzoWqappF5p93rl2trZWN5NHGxJG4mR84j+XnBFAHpHsTtGcbjyOnT/PpThu5YjAzjGc+uf5j8q8A+MnxAtb7wx4OuNWtNc0eK614RLHp86I7SIzKiud3zRupZsjsBWF/wAJjrXhn9qj4hf2VY3ev29po4uDpy3gSNCUiZ3G5iqk88Y6niqA+m+dpB601MivJIf2lfDl78PfDviSwtp7m6129XTbPS2ZY2+0ZwyuxyAqjnd6EVX1j9pKy0f4f+IPEH9jvdXXh/URpmo2UVwuAxbCyxydHQ5B47ZoswPZmPSlC5z16ZwPQHn+deTeDfjtJ4l8fr4T1DwxPot3Now1u1drtJjLCVDAEADaxBJx7VWX4+avH8RtA8Gf8InC+r6jDHd3Cw6hu/s6I/MWmwnUKM4+g70EnsDTxIJSZY9sTbJDuHyn0J6A/X0p4YeWCrBweVZehFfIuranp2s/D/8AaNhtdMns9UtLzF5LPe/aA8wkZQ8XA2gFW/A+mK6/wt8Y9V8D+Efgz4asNCt9Xm8S6TDFBNLemPypBtDb/lPGGBzntVjufRnVajrxbTP2mLWz0D4hyeJdKNhrHguXyrm1spfMjuNzbI9jEdS3B4wAad4d+PV7rF5rNhLYWEl9b+H/AO3rSWxleS3LBCz20jHkMvqOuKkR7SwNVIdQsptSnsY7u3kvYFV5rYSgyRqehZRyAeOtfPfh39qLxBqi/DjUb/w7p9povi6/m05Ps9zI9wjKwUOAVxjLDr6Vbi8fx+HPjj8Y5o/DFrc6xpGhxXZntZpPNvERYzFEVJwOGAJA6LSBHvd1NHaWctzcSLbwQxmWaWVgqRqBksT6Vmp418PKNNzrlgv9pBfsebhf9IyQB5fPzEk4/CvFdN+Nd78Rvg7411aQaHqdtZ6L581oscseyTkzQzIW3Y242suAdw6VwuuXtvrOlfsu38OmxaTHNqC+XaWikrAPOQbVLEnGTz7k0xn1hZ+INM1LVb/TbPULe41Gx2/arWOVXeHd0yB0NaKqOeeO1fOmieOLvSfGH7QMtjpuk2OraBAl1/aMNu5a5ZEdwsuX64THAFVPB/x/8bXurfCe51VdKk03xnNNavZ2sDIYdjmMSbyx7kHANAj6X8t2bCZYnAAHuSP6GstdfsZNPvb9blXs7R3WWZFOwbeWwf4gOQSPQ1zXx38TXHhP4Q+JNR06RobwRR20Mw6xvNIIt4+gbPNRfFTVI/hn8FdWTTI9s1tpy6XZRB/meeZRCmM5ycuWJOScEnNIDQ0P4s+DtfksY7DXre4N8/l2sm10jmY5+VXI254PFdZNKFbBH6V5FD8Ktf17wn4F8G6naWugeH/DctrcTyLcie4uZIACAgH3NzEliTyDUNv8Ttf+IVwl34R8toJdREFta/Zd4a1SULNcTSkgRggPsUckY71IHr8J5cbqg1HWLHR5LKO+uo7aW+mFraJISBNKwJCjAPOFY14P4y+J3jGOH4nTaRf2UdnoN/BYWFy1qDvuG2r5Cgk7mMkoBJyFVPVq9Butc1W3+M2jaLJdxSaTZaPJqWqQyW6fu5S3kxFZOqnJkbg9EoA9JVV6DcM/dLDqOx/Kud1bxxpem6b4jvFeS7/4R+MyX8Fug3xgRiTI3EDGxg34GuD+HPjDXNY8U61ba7q8mm3mh3NydQ02W3jWMWz7jaTRNtyVCj5jnqK5q88Qa14p+AOjQaleebqHjjVEtIvMREdbOaZmJIUAArbRMTkZ+b3oEetab4xtNRj8OFobi1n1+Iy2lrLGWfiLzcMR8qnbjqe+OtdEhG1tvTPHB6flwK80bXLiP4u+ILZdXmsvC+g6DFJdWreWIop5CxU525O2GMHBzy3piuB8A+J/G+qR/CmfVfEF5bz69qtxefY5hGrNp6K0jmYhepDQooXAxk8lhh2GfQk0kqRu0cLSEDKqrr83B5BOB1x+deeaR8Xk1LTfE+ry6LcWB0K5ksJ7OaaMyS3C4/dphjnJZQvUsSRxivQtW1O00PTbnUdQnW1tLZS0kr5wnbbx1OeAByTjFeH+AtPdf2iNfl1jT5rL+3NOXX9Ls5pgWjmiZYZJZE6LNsw235toPHOTTEer+FPHB1y4k03UtLn0HXYoVuTp92yszQMflcFeD6MB0OR2rpWlH8PI9fUV5X41eW1+PXwseE7vtNpq0FwB0MAijkH/AAFXCkf71epRr5bMCOnrUjJY3De1PqomWkZsYHarSjaoFUBIlMmUSdQDTl69accZpgQrDzkKAfYVLs4p64xSbvbNACKvyin7Sf8A9VLSbjnFACbcGlaPtS7uRUvvVAQqgUcjmk5qSTlhTBzmpEHlllzmk27evWpOBxSFRQBDMWTGBkHpVaSFzMhJyuORVx1DdajPGaBkUY+/jgdqPJl25yKcvepNx5oAo7WFxH5jY9x0q75gZselN2hwQw4NN8vaST2oAmyODilzVa3lNx975RnAqSKRtzqw6HrQIlKkimqnPvUqsNoxyKKBiq23inqflqOpEX5aAF5ZafGAuKYNw+lOVS3PSgCwX9qZJIWApwNG0NyaAI1O1ulTL81LsHoaF+VuelBQ8fShs8Y4FK2O3Sm7jnGaAHUGjd60mRmgBQepNQXAdlHlgZqZuQcVHGD0oAhaSbbhgobvUO2Yt2q4y01V70AVDDLnPFI6t0NXiBt6VAy8mgspiNsnnimSM+35VHNWvqKRsbelNgUPJlDfeUVDNmNsk57VobWfIUA/hVa6h8yNvlYEc/KM1IFaPDdKf93iqoBjDMCBgc5OR+fb8acWk8sPztI4OAB+dMCwelRu3ao0mLKM0rfMrHvQA0sq5Z2CxqCzseiqBkk/gD+VeBafpuhfGLX7/wAV+KoobvQbm6OmeHrO6maNHjQkGQYIJd2Dfhiuw+N2t3lxY6b4J0hzHrPidjC8kf3razU5nmPoMfKPdjXNeEdEtfF3xDj+yRL/AMIh4Ii/szT0Iykt5jEkg9Sirj6k96oDoP8Ahnj4cMqsfClvuxz/AKROD9Pv1FJ+z38OWJ2eF1Q+q3k4H/oyvSsncT3JzUUiBsYHIpAeH694b0v4N6jb+KPCZeGy051g17Sorp5d1tJ0lwzHDJkH/dya9ft7qK+tIbq3kEsEyLJG4OQykZB/LFebfE7TIfB3iq18YNEJNF1NV0fxDb7fk8p/liuD2+U4Q+xFN+E+oS+GdR1HwHfyNKdMAudMmb709i+WXb6lOU/AUwPSzlue9QSt6damYlc471WkU5zQPmIHY5IqCWrBwWPr+f8ALpVRssSeQfpVDIJM81C2amkVm5wcfSoc4GDSGV5F61Xf5cirUjcmqszDnjmkBWk6VTlByatt96oZsfjQBUIJ+tN2GpMbeaN9AH0eXx0rL8Q6fNrGg6lY2101lcXNrNClyo3NFuQgMB7GrhkFMaYZAxkdeeazIPlPV/2efGWn/Fr4dG18RanrGlaaedWNokaabGpBCAY53gAEnOa9ftPg5aaT4t/4SSTxT4ouzBcSXv2NrrdAc7iECbTlc9hXpD3Sww4aRIEYhRlgu456Dkc/gaa2FcnG0gkZUYbP+NIk+a/gr4H1XR/iv8Sdc8ReD737BrVw1zYvcWQl3L5ztgAg4JBFVvgT4E8V+CYvifJqfhjUrNtZkkubFPLAD5MwVMAjDfOv0r6WaRFkEJZVkChvK3DdjPLY/qajaRfPeMuqvjeYi437STh9vXGe4qhHx5b/AAG8bWvwf8D2w0C5TWvDOvtePpjBQ88bMCDGAexAz05Jr0LwH4V8Vj9oDxb481bwrd6bpWpactvbo00cjiQLEQpAbPIjI/Gve7qWO1tw87iKMKN7swGM9+fU1WXVLH7O0y3luI1JzOkihUYngbs4HIPHpTA8j/Zi8B654B+Hmp6P4isZdLubnUZLogsrBkljUBht9MHg9M153b/s7+L5fhnb/DM2JitIvEZ1CXWzInktaCPAwNwJboMe1fTkmvaXBam9fULUWyzCDzUmG3zXIAQHvnIq9PPHZxs00kcMUIyzyMFCKP4iTwAKgD5s+K37PuufET4u+KNSlsJ4dBn0b7HY3kVyiO08aIYyy7vus642njnOOlb954I8aeOvhlovh7xx4UTVLu3LQ3klveRCZgIwIpomJ/1gYAMD1GfWvcdP1K11axt76yuI7u0uE8yKeI5V1PcHv0q0sm4EEcY/yfr79aoD5i1H4D+Obj4W/D7QiI9Vv9J1g6pctNeJmGEcRwZJ5bBbn8K63Vvhv4usfjV428Y6bpVrqdnrml/2XbRtdojRP5cZ8xycAKrRnO3kn8q9f1TxPpmlalY2N3fwQ32oOy29rI+HmOCWC/lVyOTd94ckYYEDn6+tMD5w1b9lPUtK+FHgrSdEvbW98ReHNQGpS/bCRa3EjkeYuSPursUdOQG65BrqPiZ8KfFHj74R6hoEOkaDomr6ldQSva2jpFBarG+75pAvzsWHGOg49a9h1nW7Hw9pV1qeozra2Vqm+aZuQqkgfdAyTkrVbVPEWm+HbFbm/u0tYJD5UZ2lmlfbnCAcngE+vFAHlHh34S+L9I+MWmeM5YtNFrZeHI9HFvJeZbzVixuPH3S4A455qt8L/g9488HeIdX17U7jR7nxD4gvY5r7Vjdl5IrfeGeKJAnpkDnA+T0Fe0aD4i0vxRpNvqmkXUd7YzgskqZ56qc57g5BzyCPatPzNykbjhuWHY/X1oA+cI/2efFraB8WdOkn0hJPHFysylrhytmDMzFT8vJAYiuX8ceHdY8F+Pv2d9BaWxk1fTYZo8ySN9nbARQWbHAbaR2x2r6o1HXLPSbrTbW4kK3Oo3BtrZVQtucIWIJA+UYHU8c1ykmt+B9c1TWp3s7LUL/w7JHFe3Utjvkt2YMUwxGTwpJxwOM0XJPPbX9ml9a8P/EceJtSi/t7xlP50slhkxWQR98YTdywDKM+1dR4T+HPjWy+Hd34e1nXdKvJV0uTTLQ2cDrEcrsEkrEEnavZevevUI5I5hHJE6TRyL5kTp8ylSOoI4wR6U9fvIF6rg7iORgdvSgD54sf2WdYsND+HGnDxBpk8Hg7UpNQWRElxdbpVfbjHA4C/jXS/wDCkdZg+JXjfxfaeIrS0u/EVkbWJIoHzZsuzy3GeownIxk5xyK9kRjn5hnP8TA0y+kjs7Z553EMUSeY7sduxV5LH047+impKPFLP9m0Kvju5i1GwsdS8VWI09zptq32aKM4LybCc+Yx5x056VGf2a7z+zPhzYN4ktxD4JdprVjp7ZuWEgkAfL8cKASO9e3nDk4G8g9vmxz9KerBgcDjp8vKk+hwPemSeRwfAGe21j4k6g3iTdN44haC5VLEj7PncMp8/ICtjms7Tf2ZY7H/AIV+p8TSyx+C3eS022AzPmUyEv8AP8vII/Kvbm69ztHXByB7cVSbUn/ty106PTriSGW2knbUsL5EZVlVY2Yn75yTjHakBlfEPwdH8RPAuteHWl8s30LLFNnOyVSrI34Mo/A1g6p4Rn+LGleH/wC0NSudGudFvYbi5sEtg6vewjKliSNyEkkAcEEZr0WNvMbcPmB5XJJOOv4HGOpp7F5sEmRgBgbsnaOuPYUgG7lbaXVXDD51UgqxIwR7c5+lcR4L+FVt4HtY7GDXtWuNHtZfOs9LkdFit2LlgCQNzgMxOCSPWuyZhkjq3pn/AD0rhPHvxZbwGZrlvDepX2h2bxpeapEVEcG/GSqZDOFDLkgYB/GgB998G9Gn8K23h5rm+W2j1f8AtmSeKYLPPOZnlJZscDcRz14FM1P4R6LrGq6xqUs1+kuq6dFpcqRTkRxxopUBRj72CeTxk5rvn+8UBLgEg8Z6DoQD14PQ849a87n+Jt5Y+MNE0u/8LX1npGuXL2NhrEkqlppAhZS8I+aNWCsRkngD1xQBoWfw70tDrn2qa+vrnVrJdOubyd1WRbYBgqKVQKpyzHpk569MV/8AhT3hpbHw3ZPBdm20B2e1T7Uw3MUCHzDnJyBxjgA8Yrrki/eb8KhB52fw/wCTxXKfFjx1c/D3w/Y31rZwXclxqNtZSRzSmJo0kkCiRVxzy3P0qgJbz4X+Hb7UfEl9PZyNdeIE8q/b7SwyuxUKx84X5VAyMHrWhJ4J0WbWtE1RrEG70a1NnY/MQkScYGAcHG0EZHBGRitGSTUf+EmvYJorRNJSBDFIspM3ml28zcnPygDhs9DzzTl1C2uJBGlzAzNF5mzzgzFf73+6PU0gKeveDNK8UvZPqcNxObOVZ4VW5kjRZFOVfCMAWHOCckZpuqeBNB13xJZ67fWTSarZ/Lb3X2mVTAuckIqsFUE9RjB75rRtL6C9hM8M0U0KhiXicMi7eWB57DryOKz9R8baFp+hajrL6rZvpmnxmS5njmRkGP4eDnnPAxk8ehp2YiHTvDT3XjS48T6okaXMNs2n2FshyIIS2+WR/wDakIUDHRQPeum2/KpI+bHP171x9r4wi16w8KajpGq6fa2l9PHLJDdEPJNGY93kLg4EmSAcD1qr4J8U6zq3xC8f6NqLwS2ujT2a2hhhMeFliaQ7yTyfu59xxipA7zyx17elC525Nc/4ubxJNpMMHhdrGLUZpR5l3qALQW8YBJJVcFmJ2gAeua5z4d6p4vm8beKdJ8Ranp+qWWkw20aSafZPD/pEoMmwknnbGFJ/3/pQB6D/ABZp6sWwACTnjvn2qjqmsWWi2Mt5f3UVpaR43TSN69MDGSTxhRyTXKa14zs9c8E+KpvD2tG31LTLKaR2WMedbssTMN8bjjdtxyD1qgO7Vh9R9MU9Tt6DiuE8D+OLa80PwXp+oXckviDVNFtbxoo42kYho0DSMVXC/NnrjvjpWvpfjzRta1e10+zmnlmupJo4JltpRBK0WfMVJiuwlSpB9qFuB0wbd7UNxXIQ/FXw417Z27XkyR3lx9ig1BrZ/sc1wCV8tJsbSdysuM9R1rr2VmOMYJPA989M4IHv7gUwEVWdsKCx68DIGT39BgGnq/yj0xmvH/G3jTVrj4meAItLn8nw2fEBsZZISR/aMwgkZ1U45RMbfck+leufwnaC+0HCrglsA8A8AE447VQD2Ys2R075OPTn6DB/Om8qf5145Z/FiLxJ8NPG+reItC1eDRdPu7u1l+xrh1hRwhTfGxYONpJOByTXaQ/EC0tvE3hnw42n30R1iwFxY3c23ymjSEOwZi2S4XqOuakDsN1Kp61w1x8ToY4LhoNG1C5m/tc6LbQxlCLicfeIbOFRTkMzcAgjtWl4F8eW3jez1R47SawutLvpNOvLechgJVUN8jqSrBgwIIPSgS3OlO48BSf65/l0qIsOCOQwyCDkGsD4kWQvvh/4mQySoF026kElvM0bK6RMy8qQf1qp8LLgS/Crwc7y43aNaM8kjjduMS8kn1JHWgZ1apxTse1c94t8VTaLDYLp1kt/PfXX2USSS7Le2XaWaWWTB2qAuOhyWFYHhH4mal488MPdaNolvNrEOsy6PcW4uy1upjBLypIEOVI244/ioGege3aob26t7G1luLqdLe2iUtJLIwRVH1PH/wCuvNPD/wAWNe17T/F9/a+GYNTtdEJgs5NLunkGo3CsA6oGRT5ag5LAE8Hiq3/CfN4w/wCE/wDCWpQabey6foLXnn2EnnQyBo5AyFWHDKwxnv7GgR6bp15DfWsFzYzR3drcIJYZIzlXUjIYGmafqdleahfWVvdRz3Nm6LdRq3zRMy7gGGO6kHr3rxH4f+PvE3gvwL8M31XR7AeEtSt7PTUurWcm6gaRAIZHQgKFbHQZIB9a65viZqmly/FQPodm914YEDww2JZjdloi6mRsAsMdsZwpGeKAPSrq8h0+xnu7mVYbe3iaWSRwQqKoyzHHJAHpWVD478Py32iWSapC13rUfnafCMl7hNu7cOAAMDvXGaB8RdW1nwn4k1jTb3Q9ctbGwFxazRo8Q3hZHmgnQncCFVSBwDmuT8bfEC302z+CXjPWdlpDie8uzbxH5AbLOxVB+6SwGOnPGMUDPb9f17T/AAro9zqmr3UdjYW6mSS4kJ2quD2AJPT9auafeR39nbXUDFoZ41mjYjGVYBgfyNeY+MJdb1L4G+NLrV57X/TNFuHitbSIKLeIozJufed7YwCQMdcUuk+MLy81DwX4Q067h0y4uPDkeq3V40YldI0RECohPUsSSSMYXigD1pmD9KXb0HYdq4T4a+LNS1fVPFOgayscmqeH71Lc3UK7EuY5ULwvtycEjgj1rvP4t3Y9KAHLhu1ShQO2aYrDFPVh07UFC/gaaw5p+4Y96QEd6AEGdtKq09MNxT2UR9DQBDto24NSbh9KjZs0AIT1xSK3NI1NHrQBM2KZ2pVYd6a0i8gUAIx4qJu9KHz1qN3oLGkc0jDjmhXzSFqAPH/2nlWz+G0WpLc3NlLbapZq09vcSRfunmCupCEbsj2zXJfG7xVoOo2fg+DRdTu1uf7etLN0t5rmHdbO2GVmJAbn/gXvXpPxy8K63448Ef2NoNolxdNeW908j3CRCNYpN/OTzuPGPxrL+MPhrxR468N+HLWw0tPtVpq1vqc8M99Goi8kljGrZwzEEcjiqAx7i5l8c/Gu98G3E08Ph3w/pcFw9rHM8ZvJ5QCrOVIbaq+/1zUOtXjfCr4peEtM05pZfDvikz20ljPO0wguEAaN4txLANkAgnHcYrpNa8D6pY/EK28e6DDG+oXFithqujXEyI00YOVeNz8u8Hg84IGaJPBuqeMPHmjeIvENjFplpoKSDTtNSdZXedxh5JGUlQgHC4OeBQBn6t8aNM0nUbmzOgeKLqS3kaJprfR5HjbBxuVh1U44NVl+P2iLkPoPixMYP/IDm468n8sD3r1R7iVQAJnxjjkjj6dvpTTNL94SyAjurkGi4HhfgP8AtL4mL418dWLwWms6j5uk6PHfA4sIYztVJF4KuSWc/hXofw/8G23gPwhpui27NMbeP97O/wB6aQ8vI3uxya5PWYh8MfipDqcZ8rw14vk8i8wAEttQ/gcn+ESjg+9eo4ALFh82ec9c+/vVAQN8uKRuASOtKzZPNIzDFSUUNX0201vSb3TdRhW4sLyF4p4uoZCDkfXv+ArxHxF4P1/wT4Hs9duLiK91zwbMzQ3MbZ+26YGwVkPG1tm1vqte6THnOcD/APVwPyryn4rt/wAJp4j0f4f2x2x3BXVNXYcbLZXOyJsf89HHT0HvQSR2n7RngCa3jd9baAsu7ZJaS5XPb7vOPXvWjovxq8FeJtUt9M0zXorm8nbbHD5MiknGccqP5128NusEKRIirHGoQKFAAxxgVFcRpkN5aFl+YZUZxjBwfzqgPMo9e1Dx58QPEejW+pXWjaN4faK1lNrtSa5uWUs25mBAUDpjrXO+O7/xX4Nl0x5PE0z2V1rtvYpNLDAGNtJGT867cqylSM98ZrebS9Q+HfxG17W4NKvtZ0HxGY55X0+LzJrW4VcPvjBDFSBkEA8ntWJ8Vn1Pxl4f0Ut4Zv5rJNZt7z7K9sZZDbqDveVOQuWdvl6/jQUamoeItSj+LGj6LBq7SaTdaZLevD5SFt8bBcB8dGyD9elRXvxr0LTrye2uLDX0lhdo2zo85UkHGQccj3rO1LQ7PQ/jF4avtH0BrKwOm3EM93Z6ayQtI7qUDEIBgBTn0yBWt4Z0m40bxxqP2C/vptK+yhLhbq4dw15ksxTJOBsKjAwAcjFAjX8L+NNN8ZWdxcacLpUgcJILq1eBxkZ4VuTWo7DJqeSR2bLMW9CTk47VWkxk44pDIpCNxqu/3qmkGelRP69qQytITmoakmb5uOKiwfWqKPolkNZ2uatD4f0a/wBVueYLC3kuZFzklUXcwwOegPethqztc0mHxBo9/pl1uFre272sm0/wspDH64YflWRkeDfDfx9DLJ4e8QeOtLvE1DxNPt0/U7tEayst+fJgRd2YyVCndtyWJOea9q1DxBp+k297dS3cMhsoZLiWNJFaQBFJcFcjJAU15/a/C/XL7w/4O8O659kTSvC97DOl5FPvkvFgBEKCMD5SRgt9M966RvhH4Qjn1G7tdBtbXU9Qinjkvk3eYfOU725Pcsakk5rwD4oj0/4Xw+NtckEl/rCi+flS5Ekmy3tk5wBjy1xnJZiWzXM/DmS+h+PviiXWb9bjULjw/ayzIrgxWztM2YY8E/Kirt4OSQT0NdT8P/COm618KdN8IeJbCO+l0FxZ3FrOzg+ZEzeVMACCcptbPQE+1VPDP7PugeF/iJqXiG302xi0+XT47a0tELs0cuT5jHJ53I2OegHGKBHU+JNY0rxD4N163iu7HUX/ALNuHeGOVJmXMZ6qORg968V8B+ILK3/Zns7I+HNRlH9hTu066dmIy7ZCJS2CDgkfN1G2vZLj4a6To+g61Z+FdE0jSNQ1C0exM5TaNjDByVBPGc++aydH+HOuaL8Fx4I+0WEl4tg+nR3e6QRmJww3kFQcgMeOlAHF6PrieBfgT8Npk8P2Opw3g06CX7UwUI8rq3mgEZZ8nvXY+LfFd74hk8caToFtp93baFbvHfTakD5cszRFxEoHYKoJY8AnpVG8+EviC4+GvhTwwNR0qGbRLi1ka4QyBJVt2BjXG3gtjH/AatXfwr8Q2HijxXf+HNX0+207xQN17Z6hbyP5NzsKGSMgjOR2PHPtVAcT4E8beI/DfgH4PaDomk6feNrmmOkct5cNGI2jjMjAhV6AEcj1/Cu50vxp4o1zVdV0OwttLg1bQbW3bUWnd2hlupULrDERg7cDlj0JFUPDfwb1vQ/+Fch9a025XwfDJGEaGRTcCRCjg88fJwD3Irem+G+qad441jxH4a1S3sjrUUMd9a6hE0q+bGCI5o9pGJNuBtPHy07geXeL/i1pGsWfwi8c6jAbGCDVLz7UpQM8LxwSI8YPUncDge+T6V3mseOPEfh/4d3Xia/gtZZJXhkgt7ONpWtrZ5ADLId37wqh3EL3GKgvvgNH5PgrTbW8tX0rQJJpZYr2Fne/llD+czkHCqwdvxOO1XfDvww8QeGfDP8AYWn+Kl+xQXoubBpLdi1vEG3C3YlvmTbxz24oAxfEnxO1ay+DfiLxRZXmh+IYbWWI21wiHypYG8sEFCTiQO5+VuML0qT4jW+uXHxq+GkVrqNtbof7Qlhj+zl9ki2wDMfmG4kMcHjAx35q9c/AWO+8H+KdDTU4dPbxJeJd3zWVoDBCq4wsMe8bSSoLMeTniuk1zwDqGreMvDniCTXY45tDhkRYI7ElLgyKEkJO/jIHGegxQBwF58QPFt8usz+C9DW4tdM1eSxWxWyHl3QilAnd5vMURlmMmAMn5cnqas6p4y8dX3i3x7pem32k6fBoFhb6hC0lq0z/ALyKRzEw3jJ+T7w49K3k+C81v4k1S90rxbfaTo+sXBuNQ0WBEKzSEYkKSdY9/Odozz1FaLfC0/234u1GLXXgPiO0js5oWs1YQRRoUTZ83LBWYc9c/TASYEfxI17VLn4M3MTWlrYeLlBvIhExkDfZjL8j5IXn/A1Z+HEgb4qfFwMu5G1CwhKscgqbRdw9OQQD9Kv2fwbjs4/AkQ1+5aPwhzabbVMzDYUAkJb+4cf/AF60NN8L2/gTWPE3iQ313q9zrUsc0lhHbqu6VQI40jx0+XAJJxk57GoA8t8G+MNW0nwPdaPb6lBptrpXi670QXDr5k5tUfckMCEHfJl1UccKDnpV/S/iP4tuvhlr94ltdXl5pHiSXTrmSK3X7cLCNkLOIgNpmCsQeCMDIFb2k/AmH/hHdDW81e603xJa6rNrs1/p2z5bqckyABgQVAYID6KK2NN+CWm6Cl5/Z/iDWopZtUGsieSZGMU4Uhm5HIYE57nPoBVXA423+K13eeGtAtNB1l9cu/EOvvYRXUyxw3FtEkJkeFgwVVlBUAFgciQH0rH+K0Pjaz+EPjO28QanNb2/22zewIuITdfZ5ZVjeK4MYxtBB+723Zr0jUvgj4e1rQb3TrxrqS5vtQ/tWXVIysNz9qwB5kZUBV4AHTkDnNaEnwg0O68J6roF5d6lqKal5Zu9SursPesUIKEPjChcABcY49zUlHG/FnVNX8Oyavp9h4g1K5m0vw9NfpbWIj+0JKrOftFy23asQAVVQAE4brgVUj8ReI/E/if4R26eI7rTLfX9Amur+O1jj+aRbeN2K7lJ3Hfx24rrdU+B/hnVL57y6udYeSayGn3mL5wL2IFipm4JZgWOOcYPpxVzSfg9oGg3fhu6tptUW48PWz29mz3pYKrAiQHK87hjjtiquSeO32q+KdN+E3jbXf8AhL9TmvPCOvz2GnqxjVZY454x+++TMnyyEHBGBivUNSvNSX9oSx0hdVvodKvPDlxctaxsqpFN5yRiVfl64Oec84q2Pgz4ePhzWdEkk1KTTtYuvtl/C14QZpiQWbhehKjgccCtWb4e6PL4itdekk1BtWtrQ2MNx9rYFIT1UYwOTyTjOaAPC/Der6/a/DrwN4uuPFWrXupTeKlsJY5pwbV4JL2WJkZAPmLBc57DGMDiu0huLjx+vxWlu9SvtOvfD99NaadHa3bW4to4YVdJCgOH3sHYl8jGAK7GP4O+FI9Bs9F+zXQ0q0u/t8Fsb+Tak+7fvBDZzuJPXGSa0NW+GvhvWNUutRudPb7VfRLDefZ7iSNbxV6CZUYB8dPmBqRHJeHPiX4u1Dwh4Sv/APhB77WrjUdKgu7q8triKFBIy5Y7WORwN3/AsCpP2gNJ1XUPh9qV5perQ2sekkX0thLCksN8YmD+TIc8ZwuF/iPByOK9PWJBGiBVSNMBY1ACqB91QBwAOw6CsFvh34am1qfVptKWe+mlE8jTTSSRvIOjGJmKE/8AAaBmlY6uL6DT/P8ALg1C8tI5/sUjkuDtUsApGRtJPOeNp9682+KGn6rD438CeJtM1Vb+P+147BdHaON0eOYFZpY2GTvVTnceF59a7XWPAdn4g8eaH4lu44WudKilVHOTNLvDKUbJ2+WA5bBGSRjpU3hvwD4b8JyifRdFt9Pl2FFkQsWRT125J2E99uM9DQIz5Nb8aR+LJYI/ClnLoEcrbNSbUVZ3jClkfywM5LdutfPWp3Gj+IPgD4X8SX81vP4uk8TWcuo3U8gFws32xhIjdwqooAXGBgcV9cbtzE55znjsfUeh+lctefDXwdc6hcX8vhXSJLy6kWWaaS0QmRwchyCMbs9+tVcDzXULDTbj4zfF2Jin2a48KW0pLTswZsTZcenRDj3rgtF8J+HF8L/s+3y2caXOoyrBfy+afMuYfszFo3bdkpuRRg8DGK+lJvCegzXVxdPommvc3KlJpvsybpFOPlJxyvA46UR+E9BSK3jTQ9MSO3JMCJZxhYcnJ2Db8v4UDPnXxEv9g6F8ZdP0TNnpdr4j06e4tNNUARWjLF9oZIxxj7+QBjitS+0Xwrq/h74iar4X1aXxDc3fhqbzvs8EMdpEUUmEbEVQJhk84yFBxX0FaaLptnLNNbadZ28swYTPDbojSA9QxA+YexqWxs7TS4GgsrS3srZiWaG3iWNGJGCSqgAnBPX1NO4j5/1K+8O3EPwCv7SWxdrfU4IZLmNVVgosyHJOODvYZPrXSeFZrnUPil8Y7XRr+zs9WkbTDb3E0ImjDJb7ZGxkbwCCOO5Few/ZYGjjj8iDZGMIvlLhMnPHHH4VIkKhiwVFds5ZVAbk56jtmoAxPDMOs6PptzN4q1mz1WVJfPE1latbxxwhc7cEsSxw2COcYrnvAuk6refDN7+K/wD7K17xC82sPeSQeb5JmYNGpViB8sSqmO2K9CVRk84yMHHGRUnlr82FAyMfKMfyoA8S+IXhvxXoOk+GNW1HVpPGltofiSHUb6K0sBCfsoQoCI03eZtfLHpgfSqXiOFfEXizx54s0ozTaNN4QbSTdRQOWvr4mQqEXHzMAUUsemSD0r3bdtJxxJjAbPOPrT97swYsxZRhTnkfT0qgPnv4EX2qfD++0/TdYs9Q1Cw16xtbiDUzZSNLayoixmzn+X7qlfl7c56kkyeB9F1iw8Vaba+G21W10LUBd/2hourWzCPRWaNgJIJWHAZm+VQeR9MV9AIXXJDMC3XnrUqyPsUbjhQAOemOlC3GfOdn4V1vXfgfpXwwu9IvLXxFY3dtaveS27fZVjiuRK10JuVIMecYbJJIPpXrV58O5L7xFd6qvi7xFGlwZHFil1GsEZZGXAG3+HcGH0FdjyeM/LnO3t69KFGARk4+ppiPAfFXwC1KG+8AwaX4p8Sajp9hqwMrvJDmxhELfvk2qDnJxk5PzE969Rh+Hdk3iyPxB/bniATeespsxqR+yZAHyGJVxgDJx0yTXVN3J55781HIzbc5OR0PpQB4dN4Q8VR/DP4n+FP+EbmnfVL3UptPulmjKXP2qTegG4ggAbiSRwa3viho9xdfCbRdRjU6R4s0A2d5psMwUyC8XbEYcAnKyZZTgYPy16fkKFwoPtgY+n09qwrrwRot74utPEVzZtNq9rCscEzSuVXaSVOzO0sM8MRngc8CgDl/F3g3xDpfgfwrougL/awsryGTV7aK6FtLqMWGebbI2PvysXYZyQefSsb4f/CK6gXxnpXijQrG00DVNXTVLKGxvmwrGNV2L5e0hU289ic9RXsSsWX7zZI55xn/AOv70hjHLD5WxgleDj0BHSgDlpvBdpoPw91jQPDtkES5tbiCC3kuSR5kqFdxd2JxyT+NUvDHgnzvhXo/hXxXpsFylnaQ2c9qJ/Mik8oDDhlI7qDx9DXYyszOCGYck9fX/PSmEnb29BmgDzTxR8MZLXTdBh8FabpdjY2upte3uk3UkkNrfjy9oDtg8A/NtPBNYVv8M/HukeF/Gmh6VqWiW767qkl5FcW7yoYIZiPM2YTCkBAq46bgRjjHsHlspDNxjoVOOlSrsLxDO3adw7YPrQM8t1v4eeJtQ+G914Q09tJ8PactiLS1S1uWmDyCVHIkOxMBkWQMRnO/ntVnQfhbr8fjbVNX1G+0e3stV0IaPNpunwSYgUB/K8stjj5yc4zkV6Lc53jBJIG0NnoPQelTQkqi5PHPHbrQI898P/C3U00Pwj4f1/ULC70jw1cQ3ETWSuJrx4QREXDcKAeTgnP6VZh+Huv2uveN9XstctLHUPEJtmgkgjlY2jQAKGPALqwBUgY6nr1ru5ZC0g54FKhAYNhWx/eGaAOAs/hdPa3ni3Vnl0zTtU8QaaNPng0uFxb5Od9wyHBLkMB64HNUpPgveXml+BdOudZ0+e18Khk8trFmS8QxmLDAvwSmR+vXmvTzI0swHZeetPRtoAT5SMcLwOPX1oA8z0z4T6jongXXPCEfiGOTQ75JY7GOa1eRtPhkJBiU+ZygU4XuDWmfhPKreFb+21prPxH4etP7Pt79bbdHc2+MeVPHvyQQAflIwxJFd15e3y8jGG4x9KuDLcDhem3tQMxfC/hGDwzNqd5JO13qeq3X2y9u3jCeZJsCKiKCcKoAA/PqTXQLnYob+EAHnPTio1Xp2+lS9O3FACquenIojJDe1SR/NxjFPC8UAN+nFRtJt6nHpUxHFV5VPzcZ9KAJFc8561KWHFVzG4AIGc9aWQsrKCPxoKHtMPWonughXjhqidTu45pZIWcIBQA6S4C96VZ1qF18tQCMmo9paQjGKALMkxDAgZXvUSy5GSMGlEbcccUmOCOlADBP+8I9qR2O0VE6EPnHPSkmmKKoC7jQMmyFxUSsWzSqxdRldrUirtyKAGSSclScgHIB6ZxUEsxXG04HoOlTeXudiec1Xmt2DDA4oKHNJtUDtjpUEUqtuXt0I7HHTPrTrhXbAA5xVO3iljkbcuR60AWpSGDHOD61XklCxt64pZI2eM0wxkpjHbFIDB8YaBZeNvC19oeo/wDHreJtMi9Y3x8kg/2kOG+lcx8JPFl7qmj3eh68jQ+I/D0gstQXPDAcJPnurrg59a7e5tysg44x0rz7xt4L1/8A4Syx8XeDxYx6z5Bs9Qg1EskF5DnKMWUZ3IRxVgbHiD4r+DvDepS2OpeJ9Lsb6JtstvNdKrRnAOCCQc81Tb40eA2xjxlov1+2LjGOv0rktS034l6xcme58GeBbqWTDM81wzO3HGWKZJxjrVKTwz4+mhZJfh74BPbi4UE/iY6om56hqniax0rR5dZmuY/7Ktbf7ZJcq4ZSgXOVI4OccfWuI+Eel3N1b33i7VYmj1XxFL9qKNyYLccQxfQKFP1JrH1bwr8QfHUel6F4g0jQ9G8Nx3EUl2NNvjK80aHIixgYXgdMeletRQiKOMABVUABQMAe2KRQoJwM+lQ3BH41Ykxg+vWq0y96ZRBt+uemc8/TNNmY8tk7s5JzTm+WmyDrQMqfOrcBiD12nGfr6/8A1q5PRvAOj+HtQmvbL7b9ok3bhPfSyINzBjhWYgHIHPWuumYbSKqMx55x9KBFWRRt4wR7dKrMOKuSVUkB5pDK7dagk+7U7VXk59qQFeTBWoNtSyd8cVHuPrVAfSTYAqtcXMdrDLPM4jhhQyu7HACqCT+n8qmkNY/iyX7P4V1uUHaY7C4bP0ibP6ZrMyM3SfiB4b1rR59WstWifTLeNZJLxg0UeDnoSBk/TmpPCvjTQ/G2nzXWianDqUETbJTCcFGwcDaQCM5PbtWP8MbKG4+DfgWG6tkvIo9HtJhDPyGkCAgjORnPfFcz8Jr6dvil8QrbVdH/ALG8QXH2W8KxuskD2qr5UZVgOuSxb8AOlQI77xR4k0LwZZnV9avLfTV4gNwyku3onHzHoexHAqTw/wCJNK8XaRHqei30OoWTPtEsB+6wyCCDyD2xUmrW+l27prepxxZ0+N2W4uR/qUbBYqGBw2APf5uOprlfhL4Tl0Gx8Q6lNbtYP4h1VtSSz2YNvEQFjBGPldgN5XHG71oA6DxB4p0vwv8AZRqNyY5LjcILeONpXkCjLEKOeB1J9aoat480fSfD8Gub573S5I2n+0WNu8wEaAlnbaDtAAxz0xXJ6PcS3H7UWvNMGxp/hu1S0VslU824zIeOeTgbuuBg8cVyPgWWZf2f/iqGGLK3vtcitASCBHsfIX23luKAPXLX4iaHe+ItJ0SCeWXUNUsjqNqpiKo0IUPy3c4Ix6Z9a6Idl5OBtIxn2OfyrwWSw1PUfH/wltLDUDp83/CHXAacwmYxr5cA+VegbnqQRS6R8WPEUngfQLJ5lvNc1DxJd6D/AGinlxs0cDMd4BAQSMF28jHNUSe+EuOCGUD68+gpkbM0jKQdxH90jqenuTz+VeC+M9e+I/g34eeKLq61WKzntb61k0qSbyJrkxyyrGyTbPlwCTg4zwRnitKTUPF3hX4pW3h7UvEkusaZr+kXtzHMLZIZbGaAfM0ZxymHwM55I71JR7Ik0V1GWglEkTMU3RncCVYqRwOQCCPwqxG24iNiCcE4JPPUYx+dfOXw9vLzRfgR4Aki8S3sJ1a5TzYYwst1cDfKzQ2wC8O52szNkAbjxVbUfH/iz/hS/iu/TXLqx1bSPFR0yGR1jllSAzRKscpC4JHmMOBnIHNUB9MSK20ZVm9dw4z36+9ZfiLXbXwzo8+pXplaGHhY4Yy8ssjYVI0X+Ji3A+p9K850nVtU8G/F3xNod1qmoeJbOPw4useRIgeYzLM0ZSFVA4YDjJ/u+prtPC/jJfEVnf3d5oep+Hbew8uQ3GtQiFTw3zIcn7uCcnpx3NMCt4I+J2neONU1LSEstR0jV7CNZbjTdTi8qXyyQBIoJIK8jmrvxC8bRfDvwbqHiG4tp763scPJHbsobbxz8zDj6etYOi25uvE+t+PZLOZmvNOSy0mxUD7RNaxlpmcrnIaaThR/CACetcp8ZfFmo+JPgT4/a78Nav4b8mxQD+0gqedvlXAUqeCO+eBkUEntELCe3hlVGYSRrJt6HkA45GM8/pRJmPqWwxAJBxn26cDnv6nHWvIvhr4uj8Uf2/rurX9zpWs6OrQS6PLMwj01I0bbKyDAkLKC+cbeg61y/wAPdQv1+Inw2jW/1J9M1zSb4z3l7eMz6jiNWSZockRDLZXGOMduKgD27xbr7+D/AAxqmtmykvxYwPcvbRsI96oNzYJGAAB09qseHtZ/4SDw3pWreT9nS8sorvys5Kb0ViM+2QPw4r5/8M+G21D4LePPEV/rOsajcWv/AAkFnBDcXzPA0K748MmMMQORnoTgdBV3S/Dsvge++DmqaHqGpXd5rKwWmo2U90ZY7iBrXfI4jPCbNqgEAAYwcmgo+gmDLI/LIWJy2OTz35+vJBFcppHxDm1b4k+IvC0unfY10uygvYrszeY0qysQMKF+UDae/PWvEJtQuNa/Z6vvHyXVxB4+ttSklE0M7b0uBd+WtqIy33NhA2kc5yeeag+I2sXmj/GLxKbmGaHQJtK0mDxDcWYPn2lsxlZnUdl3YDN/CM9CM1RJ9P8AnRrmRnEaZYFuuCcd+gPtknj3rNvr7VItX0pLa1t5rCR5BezSSmORflynlDB3ndnPsa8l+JmgeXNoE/hay07X9N0/T7i5bw3LcFBc2zlM3EMh4ZxjqfU1S0uTTtR8afAe+0oXUNpcadeGJLp283yUtl25HQvuJG7HOe9SB3fhb4ga74mh8d2o07T7XVdBv5NOtAZnNvI4hWUNI+OB83apbvx1q1j8SfCPhqezszbazp9zdTTRSOzpLDGGZUGMbctwT2rym8htp/h/+0d5rf6nU7mRWExVgy2kSocrjJ3AiqvxUuNfh1b4Wt4YWObVx4RvCsfBeRfIgDiPII81lD7cjBaqA+i7HULe+jd7eeOfa2G8tw2306dOPWibVrOHUorW4vYYryTHl27SKsj54UBSedxyB06Gub+F+oeGb7wPptz4REEWmGIDyl/1iuMhlm/iLA5GT6ccV4F8bta0uRfifHaSQ2d5a39jFK+oMJLy4kjMRDQDIMMaLyW5zk9M1IH0/qWuado0qx6hqVnYSNgolzMI9+SV4z7g+uSMVSvNcfTfE18b7WtLt9Et7AStbOdt1BIrEvLIM/6vYV7A5IrxL4qatHDrniDxPot1p3iDTjDZx6toN2oE8yBA0UlnIBnBDZ2j+IjHrXV2kdjJ+0N4zijECzXHhOHz4lCkySeZIxDDjLYKkg8nAoA9H8CeNtK+IHh221jR7hZ7aYlvL3h5EwxC71HTIAYexroFZQx5I9c5/qBXl37M99ZXvwT8MWtrIhns7RYr6JV+ZJiScNwATz6mvTl4fH4GgBVk2Ox6g1FNu79KljyWalaPcOaoRW8ztSs+3ODTjb/NmlW3BOSeaQxsMr7SffFMeZ2U54APAqz9lG0EHgc02SFXz70gGwOXxSxzHzirHpSJBtpy20ZOSMH6mgCSGUs5yOKteYU4xmmRxptAxUqriqArj/j6/Cp8HtQY0Vt3elz0x0oQgVTtBpQak27lwDSBNvWmMVelNB5NO+nSkxigQjR56Go2i4wealX170NQBB5XpxRsHQ08qQuTUavwSefSgCRY81JtCZz1qNXHU/lSl1brQA1lHpTNo9BSSOzsFU7fenrlgO1DAYYweopNqbgWUE9qEkbcMrkZxUcrhmHGDuxUAPkjVu3FN8sfhStIOmOaZvdZRx8poEtydIxtzik2hW6U/kdetNkO1C361T2KHcMflFOC7eABiorPG0ZOTUsi/MMHk0AOi+b7w4BqwGX8aZFH8vJoZRTAlEnYipIWqCPip0X060AP3bmNPGBwTSLGaAKAFXn3FPUgfWmAelKFJJOaCh33ScVEzEEU7cVPPzUPjK5oAFA9KXO3B6mm5PY4phYrnnmgB0qq3UZpuwGq/wBoIUljn0pyszfxYoAkk7DPNMEeM880jDceaGwitnrQBG351GfpTDMVxnnNDN1Y9KAHcZOaY3y1FI2SMHFPbbjPNAD1IyRimzYweaZHnzM9AaVmJyKCys0iN0PSmK67gB0qM5VnAGaWGNTGWY4PpQA/IOcd6jZSvQ4pw+8MdKjuMqu4daoCOZflBPJqmzLG2T1PXirCyGRSDxjpVfbuYhhQA7cCM5yKrSDdnjj07VNsCvgdKRo6YFXaEXI4NQyNkdcVakUDNQMuaQFVvzpHAxzTpF2n2qF23fSmUQzYPSoWb5cHrUjcGoJc4zTGQyL68mq7jrU7MTUEvT3pAVmGV61Xk6Gp5FP4VXlPpSArSZ3Gq02atN71DLgnigCmw3dTzTfK96HG1jSbxVAfRzLWF45jZvA/iMKC7tptyqquckmFxj/9Vb7UzB6g4NZmR5f4Fmute+Evhmx0LWG0fUdP0+0iupWs/NKkRfNGUfb3HUGug0Lwl/ZtxqWpXGotea7qMccU2pGFUWONA3lokQJAAZixyTknJ7AdbMWm3GQ7yTnLc4PPT06mq+07SMkj3NIRwOtfDPU/EGg6Dp9z401CJtM2vLJ9lidrqYElXkVuDjPQjHAJGeas2/gHU7Xw5rVnJ411i71TUAqrq0uxZLYKc4jVRjJ3Nk9TnrXYrleRwPbimStkg46UAcxr3gePVNYtdZ0/VLrStYgtDYvewxK7TwHkq4IxnPzKezH0rmfH2l6Z4K+DOpeFtHtL2Y3Gm3NraW9vbyTyzSFMs7soIDMzEsTjnOOK9JY565PpnnFKuS5bcwOAPy6VIHD6X8OUk1jwx4kuNTu7PVNL0aOwjtkWMRxK0aeYGypJOQOM9u1UG+Anh2TwjN4envNTmja/bVIbwyIlzbXDNuZ42UDAJzweMV6OehU8jn9af95eefb8/wDGgDwr4wfDz+yvhLqelWEmteIdV1S6tRcXsoa4uZEjmRucDChF3EAcZ5616fo/guztdTm1qe7u9b1Wa2+zx3l/t3Q25Iby0UKoUngkkZOOTiunTKsSpIPY56U1ss3zHOOBnnFAHmcPwE8OW2l6XYQ3usQrpdybuxmjvf3ttkFSifLgJhmBHXk04/AHws+kajpqy6pFaaheR386i9Zi8qEFSCVODlQc9c16Tt5x1B5NCqNxyCfw4oA5yy8B2Fh4wfxOt1qE+sNbLZs0lwpXygSwXaFGOSST1J/Crfi7wjp3jzRX0rVPtP2CRwZI7Wdot4H8LYIJHqM4OBmttT25/E0oO3I6fTigk5Hwn8L/AA/4L1V9Q06O9lvGRolkv7yS4CK2N20OxAJwOQM8YrZ8WeEtK8daHNo2spLcadMQZYEmaMSAdjgg4z781pCH95u6+lTKGP8AeIxjIBqgORb4V+GRrMmqvZTPfyWgsJZmvHzLAAQEkGcOME/eBNUtN+CfgbR5NOms9BWObTyxtZGuZXaLcACAS3TAHHQYru9vYn9aUx5XgE+4GP170Ac3oPgPw/4d0W/0iy01U02+ZnuLWSR5UkLZ3EhyeTk59af4e8D6J4ZmWTS9P8iZI/JjkkmkmMcec7E3sdi9OFwK6DyyrDcrYx6YJ9hnrSjkg9/apA50fD7w5HrMmqro8P2+SYXDsSxRpRj94Y87S/A+YjNMm+Hvhm7vtRu7jRLWe71FDHezTbma4UjBV8nkY7dOa6Vl24c8fU9T+X6VFIrrg7WPooBGfXGaAOab4Z+EPstvbjw/aRx20bRQiPcuxGIJQEHO0kZ29KvN4Z0KTULK9l0aye8sUEdrKYRmBR0VP7o7YHbitGYnd/eHam7D2GSOaAMdPBPhu3hvIk8PaYI7shrhDbIRMQc5fI+Y57nrUlr4T0GG6trmPRdOjubcBYZRbJujA6BTjgVtBGZc7fw4z06n/wCtUKxO6g428YzjI9j+eaAItP0XTdDRl06wtbFXADC2hWMNgY5wOT70No+nXE11NJp9nJNcoI7iR7dC0yDkK5xlh7GrLNx93inRdDQBTlsdNmvorp9Os3vImXZcNbIZE2j5cNjIx2x6D0FXBFbiczi3hFyTkziNfMJ55LYznnrmmND842j3pRGwbJ/AepoFIl4jj2IqpHuLbFUBck5Jx0zmm+a3mDJz9aYZg0kkSuhljUF1BBKj1wDkfiKWRhCryF1REXezuwAUDqT7UATJNtb7tRtdH5vWqEmtWMdxAjX1t5lwoeBPOUGUHpsGfm/D1qS1miu5bmCOeKS6tyBNDEwZ48jjcM8Zqhl+Jt6gml84IcEUwZVVIGMgHGc4zzSxxtKwBXJJ+Xbz+f1P8qAJ1kDZ7VCflYjPPrVObV9Ojtb25N9AILNilxMZQEiIALZbGOMj19+lZOi+P/Deu3Udrp/iHSr+9kH7uC3vI3Mhx2w3p2Byf0oA6WNsSAGrCYbtzVZVO4bl5Hf+tTK2D0oEThdppd1QTahbWrW6XNzDbvcyCCBZnCmWQ8qq+ucHjrxT2Zd+FJA/2qYEm6kOTWTfeKdMsLHWrlrtJf7HTfew2/7ySIbN4JUcj5Tmm6b4y0fU9O0LUEuvIttdVX05LlWjkmDKXChSMhtg3c9sUDNsNhfel8wmoVfdweo4OORnvTsHa5VXkKruKopZiPYDnPGB7mgRJvo3butc94P8b6T44ttRk0x5zLpt09leWs0ZjmhmUAlCrDJOT7VV8M/EjSvFF1HBFBfaebnzBZyX9uYVujG2yXyySd2xuo6kAkdDQB1wxtphY9QaFzjkY4zTRjmgBCxZTTY4y2BTi3p1pY2I70DFaD5i2aasY7nmpRQeKAIGhyBt6USRZ+tSqetN3GgRXWJht5xzmkFtubO7HOas7c8/hQF6CkMhWElj3o+yszB92PSra0pUdaAK/lttGTzTZLcumN2PWrG0t16U/YNvqKYFLyOhD7Pw604Rt5gPp0q0q+1KYxQA2P7tJk9O1KARSlfzoAcPlwe1WYmDdBzVIk5qaOTb25oAuhzwDzmnPCFx81RJJn2qeMBlOT0oAZsO3ikCnmpmbHFNcbeQaAGL8v1oZQ3OKRvUU4/dx3oKI9i56U1ow2eKkooApNbjJ44qRYV4ycVYIHpTGX0HFACbV5APFV2XcxU8ilvbiCwhae6mjtbdfvzSOFVPQkmqB8Q6XHZteHVLL7Gj+W1x9oTytx7B84z7frQBca2UMAKRrdfLYGo7XUrPULd7u1u7e6tkBzPFOjR8dSSDwPckDPHNZ+m+K9D124ktdN1my1C4QZaK2uY3cD1Kgk/kKANFYY8dMmo2jVj06e9Ralqlno1n9rv7u3sLQHaZ7mUImfTJPX2Gai0nWdP1y1Nzpl9b6jACVL20yyAHvkr0/EUAW29e9Qyq/wDCKp6z4m0bw/5a6pq1np7SDci3M6ozgnAIyf1xUthqVpqkLyWd5DeIpKlreQPg4B7exqiwNum4no3fmjyFVeDU0ij5vTtWVrHiHS/DsMT6pqVrp6ynEf2iUJu9cZ6/hQBbZNv1pjfNwazX8beHY4VnfX9LFuWUCZrqMKc844Y8ke4ps/ijR7O2guLnV9PggnH7uWS5UK59AScE/TvxQBceMHtTfJ3LTo7iO4jWSGRZYmGVdSCGHrkUrMeAvXof6UAVvLK87ulQyt36CsyfxloMWoPZSa1p6XiZLW7XaBuBkj3+g5qRdf0u6uDbQ6pZT3K5/cxzoXPqCu7IPegCzIeKrtUNtq1he3Ulrb6hbXFwq7vLinRmUA4O4Dofap5BjOKAIJuw7VXk4HFWJGHGetU7y6t7OIy3E0UEIOC80gQZx0yep9hzVAQyMcZzVdmJ57Uv261kjSQXUDIwGGWQEHPvnA6U2SeLj94oDoHXcRnaTwwHp+dIBkjCqsj/ADVamj25HQ5/z+FUpR84x83HTvSKGTSc4zxVZiCtTyKW7Yb0J5Y+3p+tQSxlRg8HrjIJ+nWqGQvjFVpCF6VJIxVgCB6n/CoGYMuaQEMnzGotoqVqioA+kG71H8zNtHc9eu3PGT7Z/GpD79K5X4nR+IbjwPqcHhSON9dnRYoBJIIwFdgsjhj0ITd+fFQZHI6X8cYPEHxwk8B6XapNZ2dhNPdag7H55kIGyPswU5BboSDivS2kP4Z52j9BmvkT4d2vjKy/arFpc6FpmmXdpoJt5ra2naWC2tdnyvu6s3mFM89yevNe4eG7r4geGbq51bx7rXh5/D9ravNONNhdZFk4wcsTnuAO5IoEP8afGbS/CXxU8JeC5Svm6xuFxOx4t2f5bdT7s/6EV2esa9pfh+1W41bUbbTIGkEQluZVjXce3J68E/hXyn8bvB+t+KPhSfHbS6Pbzi8XXUkhmc3KK4CpBkjBMaiMYByGQ9yc6Hx6+Idt8TP2WrHVwytqFxeWaz278tHOpPmjZ1A4Jz6GgD6FX4k+Ema82+JtJla0j82eOO7QlF6jJzwORwMnmsL4hfEuPTvhnLr3hTWtDnkuCq2V9qVyFtZDvG7kHrtDYBrwBrfw/b/tMWWy1tP7ItfCAEeyNPK80W7EZJGNxBHXnPvXGWcg/wCGJZ7EErdyeIFVbUqWcfvUfhOuNo6980iT7KuPiP4c0VrG11zxDpdlqU1pFcNE84XeCoLMgzyCelaOm+NvD2q+GpNftNasrjQ4VJl1BJQIo9vUse30r5y8RLpt9+0h8KZLgQXOnQeHlSVnQPGh2SMgbIwDyOD615v4c0PWtd/ZN8WWWlQTNPD4k/tC7s4gQ5tdqgnaOWUMQceimgo+1fDfjjQfFj3CaRqtveywKrvGhIcKfuttIyVIwd3Tmtl2SFJpJJFijjUs0khwigcszHsoHf8AHpXzX4f0nU/G37Qmq6z4Q1BtN0m28KQ6X/bMceUSdowEGOjlTj5eQMYI4rr9a+E/xG1Lwte6fJ8RYNVe6mg+S+sPJhEaNuZDgZYNkAr0IGDxxQA/4d/GTUPH/wAcPE2hxwPZeHNL0tJrSO5g2zXDM8ZEzd1BVjhemCOM12vxV1rUPDPwz8T6xp9wbS/0/T5LqKbyw4DKM42sMHoR+NeC/C/wX4+h/aG8eC/1eC3u59KEFxq9vp7RxyExxrEYQeAUJQ477G7cV13xC8B+KfDXwm8e/wBpeNdR8Yy6ho72drZzWQjIlZgQw25JPGCMAVImdd8MPipFqvw78D3Wv3bS+IdetHnVIbVv3pWTBOFGFAUjP0rT8S/GzwX4TvLq31HV2hFpOltcyiF3itpX+4kkgXahPoc188/BW+8U/CvX/CM+qWd/qXh/VtIS0kQWT+bpDJIfkIwCF3NyerKep21g/GDQPE/i6P4hWul+C9U09f7YhmjSwtSy3YBINxM3WR24wqDaAxJGRQSfVfiv4weEfA2vW2ja7q32G/uoGuYf3LvHIgB+66gqTwcAkE8eoryfx98dnTx18KNU0DWLweFtamnF5ax2pd5kikVCFVo92SWI4I6Z96d4u0q91z9o74Vav/YmoSaRYaYguGmtGZbeVkbyxJjI3A7Cfc+wxpfGzQ9S/wCFzfCrW7LSru90nQGnur17C2LeQjOoBCLz3zgDNUM9D0L4weF/E2i67qttqP2SHQ3aPUo7xDDJaMoJO9Dg9vxyB1o8H/F7w74w1ix0u2e6s73ULUXtlHfReQ15bEkebCTnjjPPPFeE3XwQ8S+OPDPxr1JIZNOufFl4JNN0+8zFJNDFMJN7IfmXf0AIGfxrc8J+Dda8Q/GD4d+JZtKv9G03wl4YSyvWvYWhZ59joYkU8ty4/KmBP8A/jFfJ4T8Xah4nvtQ1sReJG0yyVI/OlXIO1VUYzyO3TvxXqHij4zaN4T1+TR57DUrnV4bD+1bmxt0RpbeEngMC43EdwuTjmvlnwb8L/iT4TjPizStL1WPWdP8AEsl/BotxGBDd28ykPIvPDBQRz0yMYrv/AI3+A9Z+I2sW2vaD4f1rQvFsNtbCwvIF+V9+RJFOM4Qod2X6EYBBpAeiTeLLXVv2jItGHiDWLd/+EdZxocShLd0YFjP5gbIYBu65yoAODz5f8BP2hpPDHwrk1PxmNa1W0bX5LeTW3/eQ2ilECKzMckYyePxrtrXwb4mg/akj8VXWk3M2iJoK6Y+opt8oz+X8xA3AhCSQCAOR6AV5dofwP8cXPwFPwzu/D89le6nrqanNqMjxfZorc7Czswb73yfdxRoI+iNS+Mukab8RrfwWLG8utRuNPbUraeIKYZ4VjdwASQQT5bDmuH8WftLwT/AHUPH/AIY0m6y1y2mx/bNgFvIcASuA2SMsMAA8jB9Ki8e/DfxRpvxx8M+KvDWknXtNtPDz6PhbhI2jcK6IzZb7pEgOeuAa5XSf2f8AxjJ+yXqngG706Ky8QPqrXkcMtxGUnUOjFQwOAcZHzY9RQM6Hxj40F1rvwaXxFZ+INEvrq8UxLb3UGy4m2RDdOqNnYS+7bjhSRjOKm+Bup3Unx8+N1g91cyWNndQiC3lnd0hBdyQoY8c1F46+H/jbxf4h+EepReHo4P8AhG7iO41CMXkLCNcwgDJYbm/c7uB379a2vhD4B8Q+Ffi98S/EOq6WtnpfiWZZ7NvtEblQkjHawDcZVhT0sI2/iH8aG8B+PPDnheLw3caxea+p+xNbzoql1YqVYNjaOQc5PSs/Qf2j9Em8H+MNX1uwuNEvfCtwbXUNPZhI28sUj8tuA25wV5xjGeRyeH+PE15D+0p8HJLC1ivbxUuvLt5pREspOcrv5wMZPOR8tLbfs06vrngn4lnV57XSfEfizUV1CCBJRJDbCN2eJJCBzuLkEjttqUlYDvdG+Pkd9/wkFrcaPFBrOlaINeS1jv1ling27mTzAvyyL3GG5B5rnfDP7U02u6h4AN34TbTNM8XXEtna3jXySOsqyCPPlgfd3EDJI69K2vDng3xh/wAK11TRtU0bw7pmpHRZNGhGnlFkuWdPLEsj4GxVUZK/NknNcRof7PXjLTdP+EcBGll/Bd5NdThbtsXavcCQBPk4O1T1pjNKx+IGk+Efi/8AGnUpPD1w+paHpsc91Lb3xkF0iKuxUjKjaSpQk5bgcVeuvjBL47+CXjPW7nStM1XR4dGW4c2V84WTcW86BnK5jdQARxg5q1F8IPGOm/Ef4leJ7abRwnia0+z2sc0ryeXs2BGkXyyCjqpB+vtWJpf7Nep6Xo/xKhsDpmhnxZbx2UWm2148ttb85klDbATk8BOuMDNAjiPEDafeXH7Lt3YaamnW8typSHf5rqqzQYUuRls7mJ+p7V2nhPxpFoXi747anp/hyytdc0HbNdXP2mRxetGHOCOdnyoOnr6cVZX4A+KGX4SKbzSIz4GJZt00p+1nzFI24T5flj5B6E1d0v4G+Iob/wCK9w+paWF8cQvGqxiUm0ZmYAZKjJ2s3bqo9adwKHgz9pDxJrGufDOPVtD0u10rxqkwt/styzzoyMyh+RjbnHGM16f8bvF9x4I+E+v6zpzFdQ8uO2tHTqs0zrEjD6b2P4V5tov7OfiDTbn4XTNrelSJ4H3tGI0lzd7pQ5A44woxXq3xa8ES/Eb4ca54etZAt7cxB7NmOF8+NlkiBJ6ZYAE+jVL3AzfiZfQ/C74La2LEZay04WFqAMmaeX90pwSMszSFzzyetcdZfDHVNa8L+APCkegyeHbDw3cWd5d6rePCsjtCNxSJI2ZmMjlyWOMCuj8VeH9R+NOj+Gri01C20m3s7231C7sbu2dpWuojkwyAEbVByeOvXpivUGZLqR/MB8qXhhGeoOclfTtgHtVAeSTfGi+8TXiv4TgsryF9U+yRWsitJPcRLKVnuGKsFhRQG2ls5x05rD8VfHLxTps3xITTLDSZIfDN1Da291IJGWaZsDyQA3zuWdV4IxtJP3gB23wz+F978PbG00keI1l0G0lLW9tb2SxXDKSxWOSXPzgEjgANx1qtcfBKO68DweHhrMsMra7/AG7e3yWoZrqczmUqUzgYOwZOR8i+lFwNK81q/v8A4veHPDk1nYXFlDpj6zdmWBnltJgwijKSZ2jLlucZwp9azvAPjfX/ABh4o1G3mms7FNLvbu01LS5rZhPbKAfssoYv86yDBJx1zVvWPhPLqXifxDraeJr6zutW0mHTI1jVc2wRGUvuzksSzNgY5APUA1oaf8O2i1LxBq17qrT61rGmLpT3lraiHbCivh9hfLSDfuJJxhQBRcDz268S6rr/AMA9Qu5PJTV/Gmp/2Rp8tnbmBpoZZzBC7gEknyUkfqeAOldpHf3SfF+z8MW0tqnhvQ9AW9aOS1VpLaRiYoQrk8Hy0kY4wcLg5qK1+COnw+GfBmkHXNS8jwzci6jmjKqZz5PkheOI12k4P3hnOckmtib4Y2tx4k8W6wNSv4bjxFbLZyRxEKsKrB5OVPVjgn72RlietUJbnlvg34p+O/Eul+Cb77VaCPXfEzWNurWe172yUyM7gZO1VijyCCCzMRkACvfdY1SDQtNvtVnyLawhkumDDkKiltv14/M1yVx8JdHmn8Gskt5bW/hSBreztYSoSUNGkYL+/wC75x1zW14x8Nr4z0e40qbULiwguWBl+ybS7gMG2/OCMZAz61IzxCS4m/Z88RWGqSozR+KdCZbkDJB1yFTMuR/ek8wj/gNdN8Y9NPgH4M+HWtztv/DuqaVJDMvD+Z5qxS4P+3vkz67j616V4i8I6d4vtdNh1UNdf2fqEGoxSkLnzoiTk8YwR1xxWN480CTx1faPo0sLR6TbXsGr6hcSKQr+Wd0UEZ7kuVYn+6h9adwO2bHmvtI25429KjOMmk8zzGLjALHJxg/yH8qQ0gF4GKfgdajVdwyTUqCgBy9KU4xSUxmPegAJ2n2peD0pjfdpI2PSgBJCVJxT4SSvNOPrjimltvSgB+48U7f2IzTFO6hmI57UDHbueOKlDDvUSgNyDxS9cZ5oESClY0zJ3CpHXdjHWgY1aRvvGnbcZOOBSeWxwefmOAexoAb5e7GKftbcoVcinRxsMkAtjg7R3p+4KOGDe4oAY8pXjGDT45iqjJ69aY3Jz2pzKGXNAInMxOO4p+7NVNuD7VYUjaKAH5NNZjzS5FJjdmgoFbd9alWLNRx/LzUwYVQEUilSQKj571NJk9KjAx1qQMXxlZx6l4R160khjnWbTrldkig8+Uxzz3zivAfCGuXFx+yytjF4Q1Oa2k8NzobgJb+RuCMTJgvk4YHnaDkGvojXLS5vtIvbW0mhguJ4ZIlmnQukYZdpyo5JA5riPCvw11Pw78J28GDWbOdUtnsotQ+yv8sLhhlkJ6/McdsYzzVAeUXmqNdeBPgJ4bVhFoOvPEuoRr8vnrHEjJHgdixP1ruP2jNPTTfhRqniCxSPT9Z8PNHeWF1AgR4dsiAxAgcKwYjb09q0bf4MxP8ADXSfCer6is1zoZjfS9WsYjHNbvFjyn2uTnByCOhXtmrWtfDvW/GthBpfinWrG50eKRJZ4NNtJIWvCjBl8x3Y7UyBwOTQBw/g3xBP4++P2pSavGrJo3h+yuLC1ZQUjecBpJgp4LbmIz1Ax0q18TLp/BPxp+HGr6TELaXXrmbSdUjjG1bpAu5WIHVlP8XXGOa7nxR8OE1HxNpviXQ7ldF8QWcLWvmGAyQXNsf+WciAgkAjgjBAAqva+Bby+8XWXiLxHe2+o6hYRNFYW9rC0Vvbs2PMkAYku5A9eOlAHE/sz3R8UaH4h8Xami3GvX+r3EE9zKoZ444yFSEE9EAHQde+a7i78Oz+C7XVrzwdoFvf6hqNxHcSad9pS0hVtm13ViMDJTJHTOazYfhnfeGPEmpat4N1i10q11Wdp7zStRtmntvOIGXQo6tGTgfL0zniuu0XSbmxjmkvr59RvLgq8rMnlwrgYASPJwMfn170DOf8M65401LWPJ8QeErTRdO2MWurfVkuGDD7o2BQTk8cVwXwjY+LPiN8Sdb1aAS6lpurNplqsiZ+yQoqlVUH7pJ5z1PcmvaXBZsAkc5zk9/T0rzjxN4LHhnxVqPjTRPEVr4buL/YuqQanB51ndybgsb4DqUfLAcHmgDkf2k/AumWfwp8eaxaWECT3iWss8McahGkimX5wAMK5DY7A4rmvjn4kutZ+FWjpd+EtQsLaHU9PkW8uPIMSJ5ijHyyMeQe1em+MPhjrHjbwfq+jah4lhS81OOO3nkFqzQQxoc7Y4w4Oc87myT64xUXjz4X6n44+Hdp4Zm1y1gkheFpL1bN3MhiYGMhd3y5Kjd1xzVAa/izV/FOjtaDw74Vt9egZMzSSailosTdlAK85HoK5H4neMPFGk/A7xTrdzo58O65b2zKkMNytz5Yd0QyBgAAQrZ9sV6dZQ3MFrCt48El6igSyW6kIzjqVzzjNV9Y0Wx8QaVd6XqNstxY3sbQTRn+NT6eje5oKOI8N+A9BvvhrZ6JNp9rd2d7YoJJGi3SSs6ZMoY8lznO7Oea88aNPAf7QEyW+iXmtO3hq2CtZRxCUESFSx3MvPGOK77w74D8W+FtPj0Sz8VWc+hwgw2817ZyG+gi5AiRwdjMB8oZgeAKjh+Gup2PxIg8TxazayW66culPazxSGV41bfu3g435J56UgOI+Ft3ar8WPife3OmNojI9vcPDeQqkka+RlmwOgJXPHXOe9dunxMt9e0u/k8L2kmv6pZvGs2lzH7JLsfJEg8zAK8HvVKx8C3vhvxp4p8U3uo6fdaXq1uv2m2ht5WkiWJGC7eCGO3JYDuRjvVLwF4m03xh4r1rVgbtNTuUji8ia1eMRW8WQiMzAAtyTgDHzY6AUySe18c+MLm+tobr4c3lpbvIqS3P9p27iNSQC20H+tc9cTR+Mvj3qWk6pEt1pmh6XbT2lpKN0RklyzyMpJBI6d69ck+bPXaTnB+uRXB+LfAd3deKLLxR4eu4bLX7e3+xzw3SM9ve25OQj7fmRgej+nFBRwvxx+Huj6b4B8Ta3Y2MFs7R2plt4YV2l0mUFlAPDFTjGMHrWb46vtN1nWfhnGvh++sEj1MQB77TWhjZTC2FViu1uVziu48b+CPE3jbwXq2l3+o6dFc6giQm3jEn2WBVcNuGVyzllHbgdKh8YeDdf8TWPhNY5tNjudFvo72T95I6yuilAqlVOAQSecdaANy68c6NHq02jQ3kVxq8MTtHp8Qw8m1c7Fycb8Dpms7w740vda1hbS58G6/o8eDJ9qvokERAwMEq3fPasjVvEGh6h8RtL0l544LrSppHEaxP+9upU24VgNoUAknPcmu73sWRlAYgqwU/xEcnrweKAPHfh/o9l8StF1HXtfga5vr26nt0lLsDbRqxRRFtI24wM45JznNZ2krpngX4oXFhq013cQnR7UM0KTy5LF0Y4jztJ2rzx6966/T/CPiDwPql/b+HIrDUdE1C4ku4orydopbKRwC64VW3qGy3UdcVHpfhnxBp/xHfxBN9lurV9PhsiwuMM7ozNv2hcYJbbg9gO9AGD8I9asbH4dpe32orBFNeTJ595M2SVkfaPmJPQAfhWtrfxS03Q9QlsbnT9YeeIgF7XTZZom4ByrKpBHPauabSk8KeBdQ0/xRb6dHJeXdwtqZZ1eNftDMSdzD5CgY9RnoRXoehtEui2C2tybm3SFEim3Z3KBgHPrxQUclD8aPD1xNHEsWrxyMyoFm0qdBknHJK8V226L/n5b/v03/xNSNPJt2eY+z+7uOKh8se/5mgZ9KN92oWXOR07/X/HpUrfdrn/ABt4usPAfhPVvEWpsfsWm27TuqnaXPRUB7szFQPxzWZkXvsMEU7XKwQrc7AjXGwB9oxhS2MkcDjPaopbWK4hMcsMc0LdYpFDqecg4IxXA/Czxna+MLiK51PxGbjxLJH9qbRLd/KgtIm6RKpXMrLxluRnNdh408VWvgjwvq/iC/LfZ9OtZLh1XliQOEGRyc8flQIt/wBn232cQi0gaDIYRGEFNwO7IXGM5J5AphsYIwU+xwqCd3zRqQxxj064rk7PRdV1HwXC+o63PpF7qCpe6ndWxCGFWTd5UTHiJB8q7yCSNx681kfA3Up9S0jxKkWtt4i0m31qS3025uJhLOIlUZDsByNxbDY52+lSB3rWluzEm1gyxycwr6Y9KsJDFGu7yIkUcf6oAfUYHpkfhTmxyc9eRuO3v1JI6cn8q8b8H/ErVJvjKYdRJj8MeK7eT/hH9/Ofsrlf++pVLyAf7S0gPYt7RqFAVeg4UdqWOQ/Lg4K9MdB26fjXH+KviRYeFfEmlaA+n6pf6jqUDyW62lsWVygJdQxwN3Tviudm/aE0W30G41gaBrhs7G6a01J5IFQae6uFIkJbDHkH5c9aok9SjUIwRQqjJbbgDk9WA/r6mnrwD3z1z7GuL1LxFoy/FvS9Ie01KfWDo9zPbXSvstmtwQXwpI3OeB04zxXO2f7ROl6hp9rqi+Htag0abUv7Mn1KeONI7eYyGMZG7LAnHT1pAes+Y3l7SSUznaelMEjBvl4+n07+tclrvxCFrqGt2ej6Pca9JoaK+otbyoFiLLvWNecs+wbto9etbfhvxJpvinw7p+t6VcfaNMvohNBKwALLnBDDPBBBBHOCCKQGtHdyR4PmGMucY3D5vfGRu6kY+tL5zcDe4C5wpb7vrgdvT6cV4t+0Vpugaf4R1XWdWkvm1WSERaZJHJJss5Pl2yKEICqCSzMwPXA4r1bRZIf+Ef0qQalFeq9pFi83gCfCDdLzjqcn8aANL7crXDWwuF85l8xoVbJCkgbioPHJ7im84GD/AN8nivF9e8Rab4J/aA1jUDGr3d54Wt1t7aJj5l9dPdbIo0z1JCKOOgBNdtqPjTW9NtNGjfw8q6jqDOZd1z/otnGqb90swU4LH5VAU5OaAOyXcnQnB6qOAe/Sov7Qia+itDcxrdMDIkG8eYVxywGe30715Y37QBn8B+HPElj4akvTq2q/2Q8CXiBYpvNaPIYj5gdpP4881zmsap4lX45eE7+PwnZx+J59C1OJ7I3qeWoWWNY5Xm291IGAMjNAHvUeNo7jg4/L/D9KZc3UdjbST3UyW9rHmWSWZwqrx1JPGBjPPevLdH+Oy6posUUmjGDxg+tnw8dIaYlPtmC5IkAOU2Zbp2pfFHjS41Oz8f8Ag/xBYWqanZ+H5dSga23TW9zbFHUsNwBBV8Kcj3FAHqlhqEV9awXVrMs8E8avHNC2VkQjIIPcc5/WpFUlu7Plj/Lv615R8DfFl34i8IeE7DRI7KTRdK0qztNQvpmckXIiQtBGqjlgpGT0BOO1XvAXxUvvHeuR29qmmCNJ7qG909pHW+sfL3iIyA4BDsiZYDAD47UAdva+KNH1BS1tqlpOrXb2XyyYDXCctFyOG5HU4+YeuK0Vk2cKSuOMr8uff/69eceA9Q/4Wp8P/FNnqmm2Gkt/at9pskNiPkEkTYEwIx83mZbd1ytcz4R+Lmv658M/A+pM2n2L6hazpqGq353YmgJjCxxhlLyOy7uMjG6nZge2nOUfOQvIz2NRqABjb6f/AFq8ZX48XVx8M/BHiW5jt9Ft9alkh1HUpIXmtrNoy6jKgggSMnBJwK1b34laz5PhfR7f7Pca5rFrdX0mo6ZbG7gW3ifajxxq53b98fc45zSA7LWfh94c17XLPXtS0wXWr2QWO3vGuJFeEA5AXDADJOMd81vxY4Gegxx0rwfxJ4i8d+INF8AQ6mq+G9RuvFsGny/6OQt0gJkin2l9yg7OYzjnq3ar/wAWPin4l8Ax65dRXtiBpkdrJbWa2nmtdo23zZZyG/0dSWIXJ6j+KgR7a3U/M2fUE/WlSMMWwOWOTxjn1ryvVvFXi/WPjFeeENH1PTdLs30GLUoZp7MyyQu82zBG75j8pHYc9M1yvh/4r+Nb7wf4F8XXV9p5stW1qDRrnS4bQBpA00kLTeaW+Ukpu2qCMcVQHuX9sWV3rl7pMZcX9lDHcTgwMse2QkJhvusQQflHrV3llxk8jB5ryu+8ceJk8afFDS4tTszDo2i2+o6WDa5ELMkrksN+XI8vHXjPQGsTwX438Yf2l8J73Wdct7+08YWkn2iwjskiETraecsiuMsSWGMdOaLMD21gy7jsz1Zj/n6Uix+YyjOAeOB68DHvnivEL74heI9Q+E2sfFPTdX+zDT5ppoNHaBWtns4rgxlHJXeZGVSxwRjIFekt8VtI/ty10p9P1hLy48j5o9NlkhiaQKw3SABcAOASDwQR2oAiu/ix4c03xNbaJcS3cM9xcrZR3v2GT7IbhukPm4xuyCvHA6dq7WXZbI8khEMMSl5HJyiBeTuOOw9ua8j+Pd1rOh6boWrR6bYal4U0fVbbUNQs1crcNJ5uEkUfdIEjqcdWbg5BIr2GaPbM6sjEK+0YXjHQjGOvt0oA4bw/8XNF8QeKk0NLfUNPvrqF7mzmvrMwR30aAhpI3P3yq4bnnaK7JpNyE/dVhkFuhHbIHf8AWvK/E1xrui/HbwZeapbWd9oV6l1o+nm2DrPYzNGJGkYMefki2nHAXIFbGofFWSw/twL4S8QW8umW13cC5vLHy7R2hjd+WDZ2sUwD7imBt+LfHlv4S1TwxZXFnfTtruoJpkNxCiiOF2BPzkkdQp/KtWy1G4vNW1O1l0y4t7e2MSQXku0pdFkLSCPnOEO0fXNeB6rYz6ppPwN8U3Ws32oX2p+IbG6uBNMDbbpIpJAFj+6mz7owOec5rS1TVNajm+PtvF4i1If2NaW89jN5wJtiLOSYxocdNwAz129880gPfFVmThWcHj5c4/8A1/Slw+4r/eOcFTj6474/rXz0NN1OPxB8JlbxVrp/4SnSZzqhlvMiVUs45lEZxiMgnGQMlTnOazpvGereD/BvifRBqtw1hZ+Ol8PrqOoTs8lvZvsZg0oywGcLu6/NwRSsB9J3l7b6Tp9ze3kq2traxNNPM5/1aKMsffAHT2qrNf3v23Rls9PS6sbx2a6uvNWM2sZjDowQnLAttGAe+a+ffiZ4Lv8AQ/hr8TYr7Xo7q0udIXUrbRoLq4mFo4IQyiVySUZifkbgnnGM56zWbWPQfGHwXt9NuLyG0uLy4jktVvJGjkP2MyBSrMckE9D0BHpVAdz4L8eSeKvEHi/SZ9LXT30C9htQftCyecskQkVsAcZXt2+taXjHxJf+HdPtW0/RbnxFqN3MIorO3kWIBQCzuzP8oCqB+LCvP/COpX9l49+NdzpmnNrF/Fqmn+VZLOIxIfsihvmPC4BY/hXofhHVNW1PTpJta0RvDFxvZPIe8SfMe1WMm5QPpz/doAw/A/j3V/FHiLWtG1rww3h2bS7eGd2kvo7ncZy4RPkyOiOevQiuyldvMyASwBPcY9emcADua4DwJdajdeE9e8V2Wn/2hqviG+kv7OzklEHmW6ssNum9sgAQoG/4Ea5T4j+MPEh0Xw7D4l0ePw3pd94ltLHUmtdQWfdZkE/O6gbVZ8KRmkB6p4k1qfSfCmp6np0EOoXFnbPPFDLOUWQIpJXcFPRV4ABySBxVXwT4rPijwZ4f1q5SO2m1KwhumhTOAzKGKgHk9cYHPFeXapZ/8Iv8TPGWmaHEtr4fufBU+oX2n24IgguwZEjZFHyqzIGzgjIXPpXOfs46lbX0/hrTfF9pB/asGi2h8NFwDbvaCMGQxgj/AF4bls5wMBcU2B9I/bLVbs2/2mAXIOPs7SjzM+m3OeOvTPFSDULVbwWhuYRdtnFv5q78DnO3Oa+eNDll8K/EPQri70+01/R9U1y6fSPENoNl1FcuZiYbpDyUXLrnsFWsiAJrX7NGta1JH/xcG11CZ5bnAW+i1IXWEj3ZJ27CAFzt2kccUgPqXcNuSdueeegHv79q87+KnxQk8D33h/T7G0W6ur7UbWG8klBMdlbyyiMM2D95zu2j/YJ6VqtcePE8Qwr9j0BtFzCZZLiadbs4AMnyhNuc7iPU47V4f8TdM+Imj+H9PfVNM0F57rxTZXUt79vZ5ZZzIREJFCDbCqhVB7cnHJyLcR9OM2XKkbfmxhuCPQHrXM6R8RNB8Rap4g0rTdTtRe6ViIzSSAxPIYyzNjIYqh2gkdyR2qpdL8Q11mwls/8AhGobApB9qhkadpFfCmYIygAgEtt9sZrifDL6BbeMPjRpOorYwzXV0Zo7W5RFaS3FirbwpwdpYg54y3vzR1GekaT4mtbXR9GTVtf0u61G6gUia3lWNLuTOCYlLElf8DV6XxBpMd3e2r6laieyj865j+0KGijxkO3XaD156gjFeG6HoJ8WfsyeCdT0lYZ/EPhqyjv9OdNrN5kG4vCc9NyhuOxI71b1bXLLUvgx4q8c6vo0l6niAwSrZO7KY7VXRLcuy/MqDb5pyeQ/pTA9k0XxRpevI8ml6la6msWBJ9lcHaSA3zDqBjOK02imnj225j+0MuIvOBKMx6FgCCBXz94F12LUPjF4th03xBZXup6toVotnf29ni2M8bSZwqt8yIuz5i2W6ew9i8G/8JFpq3EvijW9L1PlGjeytWto4gAxffvc/KOCO/agDN+EfinU/Fnhi8udZaD+0YNWvLJvs8ZWPbFJsUAfh1PJrsbi7gsbeS5uJ0t7eFDJJNKwVI1HUsT0A/rXlvwEvoL3wv4pjsL2HzT4g1KSB8g7Q7lo5CvGV6Hin+LLfxDonw/8VXfinUrLxpYLZKFsLLTngwfMXLEq5YgZBIGOFoA7bS/iB4d1qO/mstYtpksIhPdYfaYYiCRIQ2DjAJz04FRWPxT8L32pWVhba3az3183l20PzBpmGMhRj5sAg8dOteQeHvFukQ/GLUr7UdXl1bS9Q8KLHJdCyYW+UkYvHGAuCiIGHJJyMdwBo/D/AMaaZ4k8YJ4y1WcHWLi4j0vQdBQ/vdNt3kEZZk7OwAZm7KMDjigD1mD4j+G73WItKtdWgm1CWRoYo8nZJIoyyK4GGIGeB6V554f+MGneFtY8b2HjHxLGosdbFvaNNGEKwGJGU4ReFyxBZvSvMz4otdSj8AamkV3pI0vxSWm0GC0fytLVvNB35XcZGZsnBP3uBiu60vUtE8O+I/ivFrtsBdapcpJb2s0DGa9ia2VdkfGWBbIIBJByTg8UXGesX2saVJ4g8NRJ4jWG6ufMktLG3IdL9WTIbdjgYBxzz1rbZfL7EbeOleBR2N14B0/4FaPqVzsvNMuHW8YqT5UZgcKrEdwzbecDIr1bTfDWvWviD7fceL5rvTQzsdK+xwquGBCgSDk4JU9e3PegDq8blHOamjj+XHaqynDZJ4z6g/yqcXCqvDDFACMOcU5crxnio2uY9w5DetAmXbgkA0AStkkYqTdtqBZlUD5s59KezbuA2D60FD+p9qUcU1e1P3KvU80ABamM27vTJJF4G7nvVc3CliM0AWj8+M8kUxmHTAI9xn8PpTFuEXjdio5JkXrwPWgBXI2gAU1flx7VE1wOo5ApRNuwfWgBW+XPAwTkjHX6+tRLjdgHaG5IXiiSYbSScAVUEvmTLtYquM9KoC1IxzkHJ9fxpp29QADnPSmeavHzcd6YJB5mA3FACyfKCe9eZftDqZfg9rztwI5LR8npxcxnp6nGPwr0a6mKrwwyeg4GfzwM/jXDaX8SNA8UeKtR8JXdvcWWtWqK8mmarbovnRkZDp8zK478etAHZrkxoWOSB2OR9RTZPukHn3PJ/OuXX4gRNr2o6LDourT3VjardN5cKbGRs7CpLDOdrdu1Z/hn4waV4v8ACF34j07StXl0+DeQrQIJZAmd5Ub+wU0wO1H3R+VRuo54+91965/wT48sPiB4eg1vTYbqDTrgBoftUYV3U9+CRW5JMOcEfgc0FjW5JJ9MVWdRyAcdv/rVM0hKkZqi5dZBzxSAVsxtuyd3rnkVBJIZMbmJ9ic1K2WIqCSRVYBjzTJRE+B0qvIu73Hoen1+tTTsm0YPNQPIFXGaCiFl56cjoeh//XUUh+bkZxgj2xSzSbWHNNlmCrTAimbMeBwKoSZ789qnmul2sTVaSRZBlTQBFKflI7enb6/Wqs3Qt/F61NcTKi9ears29etICjeW8V3GEnijuIw24JKgcA+uCKhVVjUJGioi8BVGAKlMm3dnk1W8w7j6UFDmB60zcfSniQUb1oGfSEvyrmvPfjZ4TvPH3wx1jR9OUPfP5c8MXXzmjkV9nsTiu+uMkcVU5ZSCOD1qDI8wbT5viB8RPCOv21jeaFFoWn3UV5cTQeRJ5k0YRbaM99uGYHp8o9axPiZ8KrlPhd4wtrTxBrXiC+uLH5IdSuEkXMbrKSqqowSEI/lXs0kgijZ3kCBQfmkIUIOORk49uMVWaUJMI948zaGWPIJIB5OM8j8MVIjmrjxjBF4R0TU7bSL3X7G8gh3R6dCJvLjMQ+ZkyOBkgj1zWB4Q+HIkufGuomK68K2nih7cRWtqRDcRpEuGm44jLs3T0ArttP0ay8PxzQ2oWytpJjII2fEaN32AkYBOflHrxWmcx542k4JwMZ78/wD16QHmnifw9qPhPwReaR4ebXddvNXlFvJd3Vx9oa0iIAlcMTwRHu2/7RFcl8UPhL9h0HSr3wXY6hL4i0e9t7jTYpLxpPLRCCVId9o+XAOPSvZdQvYLRle4nhgjbgNcOqLwRnliOcc/hWfNqVtDCkj3MUMcmDHJI4+fJ529N3bpxzQByWox61rHxY8CeIB4dvobDT7C9S8+ePMTzqoCr85yMqec9643UPBfiq8+E/xI0EaBdJq3iDWZr21VpYwGjkeNgSd3AAjbOemRXu1u5VsSAxuB05+UfzqK8vrNbuK2luYYrqbhIJJUV2z/ALJOTnPp6UEnEXWm65J8ZvDviRNEuDptloE9nITPGrrLMyOqAbv4dpBrz9Ph34tb4O23hj+wpV1U+IG1Jv8ASIgiwfaxOGBzwSDt/A176zM1ynDFuQVPHJ7fmKprqtj/AGkbE3tub5Rue1Eyl+OpZc+4wD+XegDgtO0XxP4L8ZeNbzTtJXWLDxRIl5Cz3Ucb2l0U2GN8sMp0OVP9ak0b4G+G7Xwf4b0XWbZ9Wn0m0MJuRPJGrs7tI5ARlGN7tg46YrtF8V6R/a0mkrq9mNThDeZa/aF81Ao+csueAARnBPWrel63p/iCzF5pl5BfWm9ojNA4ddyNtYAjjqcfhQBy+tSeJdQt9R0HT/Dtn/ZE1uLO31C6vQY1QxhD5sRG4hecc8kKTSj4QeFbrw7oWj6tp51lNEs0sree5kdZMKoBJ2kDJIJ555rsFbb0GP5/SpY1O3PJ+pzQB4h43+DOr+MfGl9rFslvo0Vpo9vaaJdx3WJ7W6gkLxS46hMnYe5ya2tc8J+PPE1x4MvL+DRZzp3mf2jYTXLG0mkZVVJwoXnb8xCepOMV6ntfczJweBxxzyOv4j8qdJ8zMUKsORu3A9zQB4fpfwd8Y6f4L8P6HJNotzJpXiP+2lkSd0DIJnkKD5OCS5wB02gV2niXwxr1x8StD8WaTHZ3T6fY3FhLZ3czxHbLIj+YsgQ4I2cjA4bNd8kzKOCVbGDg9aZtzgjqOnt9KAPJr34JXk+lxX1vqUK+M4NfPiQ3RVmtjdN8phbGTsEeFDYySCehrS1b4c654juvE+q3z6fba7q+i/2HbW8bO8FlbfOXZnwCzEvuxt/hA5xXSeLPiF4Z8BG3XX9Wg0+W5BMaOCxwD975R8ozkZPpXSQXUF9BDd2kqT2k8YlhmQhkdDypBHYg/rQB5d4D+D+ufDXXtMvNJ1PTIrE6fBZ6xpu2XbeSR4T7RF8o2uUVc5AyRnnrVnQ/hbqLeMfD3iPWbrSxqWirMkl9p6vHcaiGQoqTkgDAyD/Fyo6ZxXZL4w0geMB4Wjus639ka/8AswiYDygVBbceG6itiOIliQc84Xr2Pr+FAHnHhXR7/wCEPgnxDHe3MGralqGoXV9Z29nE6vJc3HIhAb/a6NjaFDH0rI8P/Am+8MW/gH+zPEUdlc+H9OksboTW32lGeVlkkkiAYYk3FgCe31NetNanerhFLRhgoC8puGDt9Mj0rF1DxpYaX400fwtOblNV1SKWS2/0dvKxGpdyX4HboOeadxHHeE/hDrfg3wfo+iW3iSw1C1smulmttQsj5FzFMVZUYK+dytuOT3YgVT/4UGml6N4Yj8P+IZNH8ReHWuPIv1t1liZJ3LyRGHdkR7jwM8BV9K9gRm/h/i57YPfsfX/Oaz9Wv4dH0+7v7hZmgtYXkkSFC0mAAc7ep7/nSGchq3wrl13QdJhn8TXn9v2GrR6ydZ8pJGknQFTiI4AXBxxn35zWB4k+AMmuR+LbUeLtQt9P8SNBPdxm1jd/tEYUA7zjKfLny8DHbpmvQfCPim08YeFtL1yxEsdpqFstxGJ1KtsboGA6ZAHetr1k245LbiM4HHXjpz+lAHFaf8O7vTvG/wDwk3/CS3FxfNpK6QRJZKQVVt4lJDDLb8sB6cHNYUPwLSDwTofhePxHOthouqLqlvKLNRK0qyNIofLYxuc9K6XxT8Ro/CnhPxHr+paHqqWuiTPEI/KHmXCqFJlj5wE5rWk1t/tWjxR6beS22qQPMbqFFaO1GwSKrgnhmBwPeqEctefC5rrXvE+pyeIboXHiKxTT7pVtoysUSKVXYCT82Gbk8c/Six+FMVk3ghh4gvWj8IKY7IGBB5oMZjw5AOTsO3jpj1re+H/jOH4g6Xf39rYXWmrZ6lcaa8FwR5oaEqHBxnH3ume1bwRY2G089RtWlcDjrX4K6PDb6hpkGo30XhnUrs39zoO2MwM5YM4D43CNmUErnrntXorXDxyL22nIAHHHb29vwqryq7drAP8AwkYDE9vqf6VMcyctubdwQmATjryT1+opAchb/D+P7Uf7T1/V9c09boX0Om6g8fkJKrblyQu4hW5CkkcDim3XhHUbz4h3msDUdRtdLuNIbT5IEvQI3kbADwpj5GQcmRurMPRq1rHXPL0TSLjXoF8P31/OloLGSVXYXDyFVjDLw3Az7VuRtvX+JQ3Xkg+2fcfpk4qgOW0DwNa6HdW15Jqmpa7dWaNFaXGq3CyCFGGDtCgZJHG5skgnscV0/lrcq8cqCeFl2yQygFHUjG1geOQf1qXGMjJw3XnijYqAYHHp2pgeX2v7PHhG1GnwBtaksdPu/tdlp7ak4htpOoCKOVUHPfucYzWhefCnRL2bxKzSag7eIFCakDeuBOFyFXkZAC/LxjI46V37HtUCxYkbjjtQBxlv8NdHt7jw7cSfb/tGgReTp229ciFcbcdRn5cKcjkAA8U1fhP4Xj0XXrGTT2urDXJPN1C3urp5Vmf+/wDMSQ3uMHiu2aAcckfiaf5S+uPpU3A5fw98K/C+geG7/Q7LSUfTdRQpeLcyNM86EEbWdiW2gHAAOB9aWH4YeF7OTRTFpIj/ALGYvYbbmYGBiclvv8k9y2TjjpXWRrtUY6UrRhuSMmmBzumeDdH0LVNU1LTrL7NfalIJL2YTSP57AkgsrMRxnHA6cdK2JIY7qzubWVPMtpo2ikTJXcrKVYcdOCfpUrQgqQo5702FWbPGwUwG2VrBY2dtZ2sS29rBEkMUKjhFQYUD6CqupaZZ63pd7p+pW8V9ZXQ2zWs67kcdsg9x2PUdq0lXuOtCW4OfU9RUgc5B4H8P22nz6bHpFsLG5AM8DguJsDADkklgBwASQASKSH4e+F/s9kg8P6eqWTH7InkjFvkgkJ/dBwOBxXUeWOAVGQMUn2deT37UgMPT/BOgaLqz6jp+i2dnfPuzcQxhTk/eYejHuRyalk8IaJJri6w+kWLapu3/AGz7OnmlsY3FsZLf7XXitIIV+9yanT7ozzQBW6MxxjnOcc565+uac9rBfQiGe3huIVZXVJY1ZVYHIYAjhgRwRzUrxgrgcCnQr5cWPSqAJEO4sxzkHJz61ntYWcjSST2VrLPONkkrwIzugPCsSMkDsDwK0ydykVGqdDjkUgOL8YeF9V1axTTvD2padoWnXAkj1BUsy08iOMfutuArcNz6kV0Vnp8FvbC1jiX7EkCwxwuAy+WAAqkHjGAOK0fsqtg475x7+tPaJPTtikBnDT4fLi8u3ijAAjARAvyg5C8ds9ulWSodpVf5gRg7uc1aWPoB1601tuffvQBDHGsaoIwsa4+6qgU5V6kH5k+76/h+dTbxx7UEZww60DCHfjzN2CRt4GOO4+nt04HpSCST5lLHBySOxz6jvTVyOAeKcevPJqhEUbNscu5JJyfc+p9aEYxxH5jjJPXuep+tSYHIxxQoGakBtuxkSVEJVWAX5eM1b8uNGRgfmUc44psL+UxwvX2p5yxwBknrQMrqp3FsnGe5p8cn7xwR8u30pwwuQRmpYO+RxjFUBFaqGgf5ec8cVLIyIqZXtzU8YVVwBSMeMYFMCGHEcZdulSLieMnJKmnsu5SpHB7VJCAi4I4oASMbcCkmIVc55p27nNDMp7Zz2oKKVwp87g5yv61G2UVQoz61o7QvPGaZwtAFLHlyMfWjaJBt9KtHDdaTigCmyg5X86jk/dlO471oNt5OOagfDA1QFNVLK2eVpCu6RcdcYxirBO0Ypg65HWgCm7HBjxg59KFBRwOoq2y57c1Ew2n3qQM+83bpCvyqR83v7cda8T+Inwzk8afErxHeaLc/2X4t0uGwutK1BBtAkMWPKk4+623ocjmve/usD1A9Otc/Z+EdO0nX7vW4HvPt92ipcO90xSQD7o2EkDAPpVAeRfBfx3J48+ImqPfWbWGtWmn2tnqOnsnMdwsk24LnqpXDD2auZ+Bdp4nf4W3aaZqWmwWK3GoRrBc2UkkoXfLuG5XAGcntxn0r36fwtpc2sX2r/ZvK1G9tktrm5glKPIqElMkdxnG4c44zisXw38M9A8Iabe6bpovLawvWZ5o/trnazfeKsTkE98EZzRcDzf4G6hrdj8DfCTaFp9rql+0Txu15c+Tbx7ZGAyygkFjkdgK9I8E+LP8AhNfC9lrBs5rKW4TMltIwYowJVhuHBGQcHuMGse+8B3vg3wj/AGL4As821xIyzR3upOvkRN98Qlg20tyPQZzwa6Lwfaala6DbW+paba6VNF8iWlnN5qxoCQo3YGTjGTjrmgZpmNwN27g+1VptwkXj5avtGR1OagmxtoKK69BxVW7RdwO0k1YkkI6Cqskh3ZJ5oArM+0ElaqSL5i521puFcc9ahYAdKAMllb+LmoJs7ixHB6CtSRAWPaq9xGFX1pgZUwZlwBtHemIoXI61ak9cYqGQYzigCjeIG7VTbcrAVekIbOeTUbRjrSKMuXKK3HJ6VVyWxkVqyQq3OMkVVZB0IoGUtg5OaZx71ZYKucCm8UAfSjNtFcx468YWngXw9Lq93E0sQnhtkjVwm6SRwq5Y8AEsck9NtdDdSiKMkmuR8f211rHh37Ha6Pa69FPKqXVjdMqrLB/y0ALHhgMEHqO1QZHIfEHxxDD8O/Eepa/4VuLjT7OVYbizjuFMcyfKRJ5uQCAWXlc/dx7VjeLtZ03wR+0BY6lOpjX/AIRGdgnLGZ/OSONFXqWIKoMc857VmX/wl8SW/wAKfFvhrS7dvI1W9iOm6ddagj/2dbKVZt0pP8RVvl54Yd6sfE34V658SvHVtrE2nJp1ra6Mba1uY72NZ7a8L+asyYPAVwq59GJoEX/jhNdat8P/AA7e6vow0y9HiLTSlu1yJni3zKCCy4BOMjpx+Ga7DW/iHfXWveI9O8OaTHrs+hqH1CSW48lfNYb1hjz95tuWOeBwMiuP8W+GfH/jbwLoFjqem2Mev2epWt7e3Ed6nkyCJt2RgfeJ7dKv2/hvxH4Q8deLNY0S1tNQsfExhuJoLi68t7O5RWTdkD5l5578VIGRq2vaH8UvFXwiv4rdb3RtSmvZ1tr6MOAUt2GHU8blYNntkcdqn/aA8M+HYfBOrahd6DcavfyW32Wza3t3lFjgcSALwiqTuJHOAAKpWfhi1+H3i34P+H1uBKLGPVHlumOxXleEsWBIwAXdsetd1rEni681K8tLPTtG/sa6h8uG8uLphIu5BvLR7cPg9O2QKANLwTNbXnhPQLixvv7Rsjp9uIrwgg3CrGoEhz3OMkHvwa82+Mnwq0Wbw7O9paG68b6pfRLp+osxNyZzKDuDZ+VI0yTjgKvI6V3WjaJf+D9G8J6DoD2o0jTcW979uDedJCEH+r9HZ8nn1rlLnw38UW8SX+rRXPhdWkDQ2yXXnN9lh6BRt43Nk7yeuAOnFBJ6JqV8+i6RqF4n+kSWdrJL8+fmZIyc+uCR9a+eri4fSP2avCHiy3BPiJtQtdWl1BeJ5ZZ7na6lh1BRtu3ptAGOBXvFvaatHr1lDcXdneaENO8q7EiMLma553N2XYVBPTq1cVpfwhul0fQfC97f29x4S0W/F7bogYXNwsbmSKB84UBWfkg9Ao9aAL3ieztm/aA8BxrbwqgsdVLqqD5lKxLg+oxxzXm3w38b654D8AW99DpunyeGm8WXVnOryMLlvOvdgaNVXChSRweuK9B17UY779oDwmLK4tbu6ttI1MzbZAVSQmMYfaSV5B49qx1+BviD/hW8PhVtZ0ssutDVpbnZKVbExmCkbf77EZx0AoEX/GXxY1yHVvE1n4Z0wX76BMLZ4XtJ5GvJtqvJGrqu2MqrgDOckHtxTpviN441zx7d+GtD0rSdMb+xItVR9VaTfCXfAjcDHzZyvTHFSal8MfEujeNNU1nw14mi0ez15kl1WwuLYzuswVVMkHYHGfvZ+7WFp1rf2/7RWq23h7U7COS08LWVuw1ItMZMSuSDtwfMAw2MkknmgZTm+J3ibx3p/wANJrWS30a4uvEr6Zqdt5DyqbiAOcghgSmF3bR1zya1/iJ8VNc+HbatN/xLVhsLq2jTTliM0t7E+wSTMQ/7j5nwFYfwjrnnbuPgiINA8K2Gk6y1rqGg6m2rDUZ7fzfPncSecWX+EHzGYAegFZ3iL9n6/wBatfF9kni2WPTNfvIr90ksFeVZIyu1WctgoCg+UAY6UCLGueKPGd18Vtf8K6PPpNjaW2kR6nb3N1byO6hpGQKQCNxJUjsBn8aveFPjdoj/AA98L694lvoNIutUtTI0JVyGkQlXwApwMqSM+tTW3w51e28Y6p4ik8QW9zc3ekx6U6yWOV2oS2/7/UsSQPatr4beEl8A+CNP8O/a4tWjsIfJiuPIEbMhYtkqcjvQA7xBNodv4d1DWhYRalLrFtHHDHgNNfFl2xQqCMgNuHTGCSW4rB0HUNE+A3w78J+HPEGpiOSG1EIaOJ3DyA7pANoOFDSAD2Aqfxb8Oda8ReJoNctPGt1oiwQmG2tbfTo5I4AcbmBY8sSOoGQDjpXU+GNLm8N6NFYy6ncaxOhdpb67VRJKWbcTtHCjoAB2UUAeKfEj4mW3hn4veHNbty8sWoeFHtrOVxsSN57uNY3lz9xBnJJ9Peu98VXXiDw3oeg29z4pie4u70JfX0VunmyjymPl2kW3DMWA+8Omead4q+Etp428VXGr6jqBeK40uTR2082qNEIGIc9SPm3AEdhgelVU+CMq6f4XhfxfrD3ugSMbDUDFH5wjddhR92Q3B6tk8H1NAHF3nxT8at8HZNVt9Ris9asfFTaI73NgvmSxfaUiXzEzhXw4BwBzmr3jDwt4jh+LXw606bxUJtVkGtlNVWxjRoojFGdqpnBYKCAxB610UP7Penf2DdaRH4j1f7Dc6wNZ2yeXIwmDiReSMY3jJz3rrfE3gGDxHqGi6oNWvNL1zSFlWC/twh+WVQsgMbAg5K9sYqgPJf8Ahanijw7a6r4S1DUlvtbg8U2ugQ+IFt13fZ7hPNEpjHy71UMuemdvBrc1LxBqvhnx9q3hSfUJtZ0rUvDt5qdrPchfPtJIt0bJuRVBRs9+hIFdZffCXw9qfhi60O5Sadrm7GpT6h5g+1veBsi4DAYUrgAAcAKBinp8NbV01Ke+1jUNQ1PUbMadLqUzRiZbcZOyMCPaMliScZJ78DEjPKf2a/EknjDQ/DunC+u9It/Dek26HTYiFk1AOu4XBBGTEOACvU5zmtTw7401D/hZtlpfia81HTNRn1G6e23Or6bqdriTyUjYDh1Gzg9Spznmuqtfgdo2g3Xhu6sNR1eC60G1a0spIp40cwk5EUp8vDID0Bzj860NI+F+l6VdaZcfbdSu4bG6lu7K0vJlMNtM4bdIuI9x++2ASR7ULcDzXWtU1PUPgJ8c7fU9Rn1Q2Go6jp8UswAKxIsICgKAOCx7c5rsry+1O1+LnwssIdSuE0++0i7FxpgYC3aSK3QhiAMk5bueMDFakfwd0Cbw74i0Oa61Waw1+7N5qCm5G+SRuZCDs4DfLx7VpSfDXS21rQ9Za71P7fodu1rZzfaQAFxhyRswSQQOR/CKsR4j8LfEB1bxlqXgy6uLzRtLn8TazqEN1bSmI6pOtxt+yq4xtIUl37nKhe9e9+MrwaP4J124fU/7GS30+bGpTKZPs4WM4kK5yxBA4zkkjmuY/wCFA+ExYLp8i6lLENQOqh2vWEi3fO6VWGDkkn26egru9T8P2esaDdaNfxfbtMurf7NPBO+4yR4IIJ79f84pXQjw/wAB65q2nfEa7sEuL7SrC88HtfJJq100uLhZfLW6ZWJ8oncW2A8DtVn4V3l0PENz4a19dZ0TxEuiSxvJHqDz22pxhlDXkDliFYYHyjgeYK7PTfgn4N024huoNIka9gtpLIS3F5LJIYXBBBLMc4BwM9MDGDWrovw50XSfPZDdSStaGwjuLq9klkhgONyRuWJTOBkgg8dakZ4rDpq+JPhn8AbnV5rm9urjXkt5JHu5FdwTcs2W3Dn5Vw+cjBGRX1BbwrbwRRx/6pUUIdxbK44OSSTxjnPNcevwl8KnwvaeHG0o3Gi2s4ure2kuZCYZOfmVw25RlmOAcfMeOTXWQwpDCkUaLFFGoVI0GFUDgAD0qgLGfel3Z+lVm+6ec4qaNWCj0pgOIHWm7wvJpsjKsqg9CuaiYjyzkZFAFhuxK5zUgU7Rxiq25iEy3GcVc6cGkAi9ME075V75qKTsBUAK/MSwUD1pgW9wxkcUrAeWMVV+84AOVC5NIwLKuM5zQBPyrYFKr5kxVVvl8zk5BqSNtuzkdO9IC3jt/WmsQvXpVdXZlPIzuwKcufMfdyO1SBOirIMihvkpkWV5PFOmYbemTVARs25mx2pzMVQkNxVVmJVz0oj4wvVSPWmBaSUMpNDSHacDtVIT7d6jgA1KrhsjvioAuQt8vPBpzfd4qssmNgPOKmjmDSHigB8TFee9QtGPML9jU7YbNU7mTZERnBzxQBKzKI2IOWApYZsqA3AxVUSbt6BSBgfN61Oy7fLBXjHNAFjei/WoHuUTkuP92o5GESuz8DHFVZAXaFl5AHpQBoJKr8jkGlVhvwvJ9KhjX93hVwamtN21ifvHoaBLcmWTbnPFSwzI/JOMVDJH8vrVeNsMqgcdxVFGhuSQFhxUcdwOc1BGG3HdtH+znmpIW8yHlfmzx+dMCysqLj5hTJZP3ilehqMqjSAEbf605xtZT6dqkCyJB5ZbOCBT45BKvJ5xxWe7GYSDHXFWEG10IHQYNMCdu4pzMqrtI7UzjaR/FTJyTtQj5vWmUMt95yrHOKlZe1Mtvu5Iw3epSw2nIzQBBJ/rFA6VE8xVGIPSl37HGenpULKTGwxnPSqAlE/QH0qv5gZiR261KwJjUDg4qoqlSykdetSwJywIprSLGBk9elG04PFQPCWkR/SgCWGYSO2OnahvU81DG+2RuODUkjYj4FUBHK2GXHFRPJjOeW+tRSbmIYg9agecrIRt4zQAk14qkKchj05qEXSM5XNLeR+c8W1cHqT7VCYzHISFwKkCxJLHH97kn1Gc0wXCDoT0wOeaq3BLsN3Sq+48na1UBemugWABqtJMpFQNu84NjC9xTZlcx5QYoGQSXC7zz061D5gkJIoMTLAzdWaoY8oeV5xQUK7Hdwafng56VXjMjScjg1K+QpAoAiZgxNU5JDtOealYsvNQSt8p4oAqSz/KTioHuk28jmnzZMRwKptGW6rzQBHJINxIpnnbs9qVoSznPFQTDbz0FAIc0g28darO3NK3zDimYG3nk0FkT4PambR60rMORioefSgD6RvYzIoA6VW8l92BkLjscf56VoSA9agY8DGd2eg9B3/WpMipJubhvU8fWgjC8cEjHHp6Vl2fizSdQ8Vav4diu1fVtKjimu4Rz5aSZwfw4z6b19ax/EnxU0Twr438PeF76K8Go6+5jsmiiDRlgQCCdwIPIHNAjpJN0Z+7uqNYj5agjnJOc8n61w9h8cvD2rf8JsIbbUVl8J5F9E0ALuwLgLGA3zE7P1qvefHfQrBfA32jTtUjbxeVFgGjUFG3AFZF3ZBAZTSA63WvDGl69JA2o6Va6i0GfKNxErmPPXbnpWlDCIrcQoNsQG3YOmAAAP0FVv8AhILH+3ZdHFwsmoW9qt7PEmcxwltoZjyAT2XOax/h149i+JOiT6laaXqGlxx3L2oW+i2s23kSY7qenHepJOheH59/fOeOOtNWNtr44z+v19fxqad/LZhjBz6Zx/s49aTzGTaXXaSR8pIB9/XHbrQAxLfcAPQYpY7QxyZ4z3Pf1qQSFVztbjhun0znOBzTizBtu0k4z05PODgZzjvnGKAG2+m2lrM8sFrbxTPkvKkSh2zyctjJyeTk81Z2hc+vrUO9VkA3D5m2qCwGevTJyenYVlS+MdKXxhbeGFuPM1ea0e+a3jILRQqVGW5+VjuGFPJ5oA0mTcxB/wDrdc/1qKHTbW3uGuFtbcTM27zRCofPruxmvM9a+OGoaD4I8XeJL/wdc2dtoN+tvEs1xs+2wlwhmQlTgAleD/ervvDHiSHxF4Z0fV3C2Y1GyhvRFKc7FlQMBnjpnr0oA3NoPJGT6nnvn+dJIATuwC/XJ65znNNhnW4VWhdZlPKtGdwPbqOv4Y96jS8t5lmkS4jeKE7ZZFYMsZz0YgkA8H2oAbJAZlYk8k5Oe9NS324J9MDNKt9atIkIuoXncblhWQMz8H7oHJxj9K5PS/GGsar8Rte0WXSI7fQbC2je11RZwxuJsjejLxtA3EEn+7QB1UluzshBUMpznHOKY1u4VwjYY89ay9T8W2sPh7U9R0y5s9VntbaR4Yo7qMh2A+TcwOFBbAyfX1rzHxB8dPEfhXQfhpeanoemC88S3q2N7bx3JcW5MoXKMp5O09D60CPZI43XaW25H41YUhVHHPr9OlcLovj6/vviB4q0+8i0u18N6VBG1vfLeI08j8b96Z+VQSR07V01t4y8PXl5b21trumXFzcFlhhiu0ZpSOoUA/5zQM2I/uBegxjFOZuo3cHqO35VRvtWttMsLi+u5lt7S2iM08z9ERRuZvwA59qxPDfiC91rwr/wkF1s0+LULc3tnayoM21uULRmTnLsVIcgYwOPWqEdLt+XAY49M8U2SEtGADxnOOxrwmy+MfjKx+EmlfEPUf7HutPuriNV0mG1khmuIZJjGhjkMjfMVw4BXueuK9u1bXtM0GQJqOoW1hvP7oXMqp5mCRxk89Mcfp0qRk5iV12tzjpkZH+eah+xD9385XYflIqG78QaTY3F1BcapZwy2iedcRyTojRx5A3EEjC9tx46c1m+IvEUkNjpQ0bUNHa91OaFrQX1zsjuIGILtGRnefLywxwSaBG8LUYyo285qQR/LgncxGMHn9KzZ/F+iW+sJpLarZx6i7rGlrJKPMLNgqpX1IOcZyM56Vj/APCZQ3N54nuI9X0xvD+mWQ/f2M/m3dvOFdpTLxsAChSox97OcigZ1nlHIwc4p0uTHjA/KvLfAvjLWG8D+BrbUNc09fFmuNDdvDqoCSzW8js7RxImMyLFtAOMdTXW6h8TvCdhBcy3HiPTYVtblbSfM6nZORxETngk+3HGSM4oEbvk7ozkn86ltoQvALDP91ufyxUv+qjAd1Tk5Z8ADAyfp/8AWrzjwf4i1D4xWt5rFnfXWh+EBO0GmtaKgur8ISGnLMp2R54AVSSRnocU7AelKueoJHqnalaMbfUV4poXj3xHc2nxBgjvP7S1PwNqRWGVgg/tK38sy+RJtAAfaGXcoHzbc9xXr2g+IbHxRoOn63pz+bp+o26XcDf7DjcAfcZwfcVQFuOFRlSPlPWp26cdKhSQlQduafI3HTBoAZJGJGBxyvFPWIBcYpiswzgfjUkMm5Mng0CsxrQjjjpyKlUlgM9aYz4VjnOBSLIGCsOMigZLjnmopIEkUrt4NBmYqemKcsnrQA1VC5GOoxQo8s89O1KxHmCmzyDb1GaAJdqsp469aYsYZgSOnSljbdg5qUYBoEtwWNV5289aft3dqTcM80/j5cHioHITGQc1G2NvSnSsV4BpDnaKAIvLD5yOtOWIA9OB0pzMIwCTimtcJHgsyqvq3egBnlrkjbwal8sdQKiWQMcg8Z71KsvDAlePzoENZAccc0qqV6U/cD9adx1NAxoJ2570hUSYDDNJJIo4BxTPtCjjPNAluWNoiyAOCMdKZtNO8xOBnJbvTS+GCjgUFEEwLKQB823AOM0+GDy41BHbmpON/wBKkZhxzQBLHGmzlSRt4x603aFwB2qOG8X7obmleZEbDEAntQIVmHSlWMelQCQFiTjJ6Yqbztqt7CqGSGLoQoz609U29Rg0RtkKWOARxRJJtZgTgjtTAczKCDjmnoys33ctVNZDNMgTn1FaEMADE4571ADCnzdKk8sBelBYGQ56UhmUEgmqAdt3dqQ4XimrNuyF7UrEEqc0wEYAucCnbRUCS7rhkx071K7HNBQksYIqPy+mKfKQFyarR3APtQBI0W361GyjHIp5uFZQM80xm3MApwKAEwBxiopFAzgVyvxC+JVr8N4dPnvtN1C+tr65SyjlsURwJ3JCocsMZxnPSoPGXxKh8FyaHHdaPqV2+sTpZQfZxG2Lhhny2+YYwBnPSqJOodeeKaWZuKkVvNVCEZQ2PlJBYZ6rxxkcfnXHXnxIhk1y80fRdKvPEV9YlUvPsBRYrdzzsLuwBbnGBmgDq2HQGom245HNc1ofxI0rWodSkuBNoUthdfZZ4NYUW5jfarfeY4wQT9eorRt/EGl6pcLBp+rWN9KedlvcJI2O7bQc7aCi+23Jxx2qGRuxGa5jWvH9tY+IptD07TrzX9YgjWa6tbB0C2iN08x3woJyOOeCK5fWvj5p3hyx1i51PQNZthpMscV5E0cKvEZB+7IHmfMpJA3DjNAHo8kIk+Y8YqN8FcDiuO8afFS28G6Ppuo3+jag8N7MlsqW/lF4pX+4j5cAE+oJH8q6KC/WeOJmjeJ2UFom5ZCex47UAWZML1qOSRSDjvVfUb+Cxs7m6uJEgt7aNpZZXPCooyzfkR+NcD/wtnfodzrsPhjWrrQIY3mF6gi3SRrn5xGW3bTjrg1QHeKNrn0qKRgrcAVyGg/FSy8QeLrjw9Bpd9BdwW0d680xiMXkuP3Z4kzlvTsetQeH/HsfirxFrmmJp19YTaPOba6Nx5RCyYyACrnIwR2oGdjJJt7cU07SCcUyHdJFhuCDgc9f0o5Ztqjq23oev+TSKIZBn2FVZlAXrXIal8U4oFv5bfQtSv8ASrG5+xzalb+XsSUMEbKFt21WK849a6O4mMNurtkbsDkEde/SmBFIoViSeD2prOOeM1l+LNdtfCugzatfOwhhKqFUcyMxwqKO7E1zl18R7nTvJW98L6lavcRyyQbpIWEnlxlyudw2nAOARQB18nzHOKpzR/PntXJ3XxVtovBNl4n/ALGvjY3kscSRiSLzF3ttQn5iOSR0rrfMaaNNy+XKR8yBslT3HGehpARSLx7VWdcZ5qa5by0LYJ5xhc/4VRmky4wetMBWwrYpu6mMSuCaTNIo+l5CR34rA8VeJrfwrouoarcktHZwmTy4xueRjgIgAOdzNgAY6mt+fO3iuP8AGfgi18YGzS/ub23htpUuI1s5lj3yI25S2Qc4PbpUGZ8oRa5d/Cf48eGvF2ox6jBYeIozBrlxewvFGtxK2JlVnUBlT90RgniOvQvjRM3/AA0l8FAVwyz3DEBu4aMg5x/nFepfEb4M6N8VLWwt/EEt7cQWZ3JHHOEG7btyx25zg9jVO8+CGhahrOharc3urXGpaGuzT5pLw5iH/fPzfVs0XEfO2l6hPp9v+0zqNldTWlxbXm6C4gkKmJkklKtke5HHQ96l1rUL7WF/Zgnu7ma5u57jzpbiVy0kn7yEg5PXgY/DFe7w/s/eFFi8QW23Ufs+vndqSfbm/wBJIJPPy8ck9MVPJ8BPCbf8I9vgv5P+EfG3TN14xFuAwbA6Z5A656UXJPHPhNoUN9+0R8VZJZ752spYPJxdyISzAgq5DDcAegPQAEYrn/BMHibx7+y7r2oQa7q0uu6dqdzc2lybuQySRxRoWiznkFA3Xo2O9fR3/Co/DSeItS15LOePVr9Cl1NBdsivldu/aDt34PBxx2rn5fCVx8JdNsNP8AeGv7T068vC2o2812x8pNpBkG4nkn7wHakBwmgfES61n4X6t8RdK+0Nc6P4aFpaLJJIUku0X99KQT85GU5IP8XpXK+GfE2s+G9U+AuoWN/e3N74qEh1fzpmk+1qzjLlCSAFVs8AY24r6R8KeB7bwj4P0rw8I4ZYLOFop41UFHdmLS47FSzN9Riqnhr4V+GvDGpRX+nacYrq2jeK2klmeQWqOdzLEGYhcn0AoEfK/iKOe/m+P9y+paiYtCkU6dBHfyiKEtM3zBQ3JwvTp81bnhe6vtJ+KPwC1BtTvbq/17Ti+pzT3TOZ1KqFBUnGAuRhQPu+tfQ0nwN8EvDqyHQ2ZdXfzL9TdS4uW3bsuN+DzzUkPwb8KW91pN3Do3+l6SqpYStczFrVQ24BMvwM9qkZ88afdeIfix4i+Icv9s2mkazpGsRvZ3d7dvE1hbwO2xI0xt2nYQ2SCdw65zXS+FtF0XVf2wPFX9qQQzxLpdvcxrMxCGdvs/zAbuSSWOOnHSvcLj4ReEb3xKviK70Gzn1oOJPtTKeXHRiudpPuRmrlz8P/AA7da8mu3Ok2k+tRrsW9ZD5mOep79Tyc9vSgD5BhuWX4A/HNWdjF/wAJCsCKzlgq+eBtHJAGOw9BW5r+nWWpfEr4AWV8hFjc6BAbxdzRrMqp8qsRjjccYNfRq/BnwTDp09lF4ZsPsU7rJPbEMUncdGcE/Mfc15z42+BN7r3xb8GarZaJYyeENBtDaS2k06nIfzMbUJ3BV3jv/DVAeQxeINe8H/Dn492Xhy4uLfRrHV47eyeAswt43mZZfKJPACAZwejA13Xh/wAN2dt4V1/XbXXNJk0/U/BskL6LpqcBo4vlmfcSBKGBUk4yQe9fRFl4N0LQ9GbSNP0eytdIfO+xSFTE+eu5Tndn1OTVTT/hz4V0zSbrTLDw/YWem3a7bu2jhAW4Ho/94fWgD4w8HWdnpOi/s+6vaKsesXetXC3dwhPmMouUUKck47jHtXfSW9rP+0B8cIGvjo8L+HyklzbrzCGjg3ScDllIJOOa+j/+FY+E1aJo/DWmZhbdH/oqYiO7dlOPlOecirDeAfDizXNyNB037TdBhPJ9lTMob7wY45B9/pQTZnyn4Je+0fwn8TPC/iLTrF73SfCsiw6vZhTDc2+0+SXxgFtxBDH5gBzkjNZ9xcRn4Rfs5RCcDbrvmMFblcXBLMeeg4yfcV9h23grQ7XT7iyi0XTorO5YPPbLap5UpHTcuMNj0NOHgnw80Nuj6DpjpBnylazjIjycnaNvGSBnHXFSM+aNMksI/j58fyDb+X/wj8m3eVwW8pAR6E5znvnNeX+E7TTtP8EfA2+gS2t9RbxLNJc3HAl2CdBycZwBt+tfdn/CLaJC00kejacjzqVlZbSMGQHqGO3kE+tNbwvorKijRNNVUJKAWUQCE4BK/L8vQdPSgZxf7Q8N5J8FfGsVqrNcHT5C8cfO5AQZAfbYr/XFZfxr8XW+h/A/7Jpt0sF1rtnZ6dp6rJtbZOFQyYA4AjbOfSvWJLOOdZFmTzoXUrLGQMOpBBHvwTWD4f8ABVtoejppc32XUrKzGyxN3CHlhh/55sWByBnAx2AzzQIxPD/wl8M6TJpKKk2ox6YsYtBeXMlxBBhQvmRIzFBjGRxx2xXlHhGaD4lT+IYfFGqxRanqOqy295o8MDSah9mjl2RwDnMUO0BiwGWBY5r6PhsliIKjYmeExgE4+70xjHT6VJHZwxyNIiLvfhpABukH+0QOfx9aAPl/x5p0VxbfFvxq0KfZBLF4Y0e38rCGSPbC07jac7Xdscdj/dXHW3lxpWlfEn4e6YYpjp3hfw7Nqsa/Zy0uWj8mMkDO3CJK5U46ggcivcmtYmUx7VVC28qFAGck5/Mk/jU0ke5pC2XMgw2RkMCcnNUB4Z4Ba3vfiteNZyLrPhzVIF8UBmJeXSL/AAsbIzKeNyFvlPKstcZFr0l98BNeuBBfW9z448RvDeTJAcpFPLs2qBncVgj2YGPmPUV9QrbBNwAwGO4lVwM4AyeOvApjB1XAJ2r0K8BT6Y/wo0A8ku9QiuPjzoVr9iu7XTdC8PyXESLA22Fp/kw3p5cMZAHZmxivN5PDM0nhPSdT1XTp59U8ceJVvrqKOAyNaWIdp1hA/gDiKNSePv19PQ27xsxbzI1YDc3KnIOR/jmrNrEkbSFF2s/3mU8n8RQBj+ONMvde8G+ItMsSyalfafcW9vuf5hK8bKnzdmyevTmvP/ht8QLTwx8JfD+j2elX1x4n02wjsj4eigdZftCKVfc2Aqpu+YydMd69gjtQPuYHVevGSQRnpzke/WnrJJyCzMm/d1BAweCeeM5PbtTuB5V4T8Iv8LvhP4lvNbuo7nWb6K81fWLxTuXznjb5A3dEUbRt4Jbjg1v/AAU0S68M/BzwbpV+nl3dvpcZljYYKM437T7jdg+4ro9a8P2/iJbWK9Z5bKOVZ5bJcbLgqcoG77A3VehxyCK05hu69SMGgAhYbVBNLeNhBt6+tQhVjIxyfTPanvJGu1XdULttXJHLEEhcZBJ4PAoAVPu4zk0BTtzSR4bciMrSKF3gMGKk5xnB4zzwR2qVchXJGEU5ZieAD74x+tAakDPw4HpTo2BhQgYbFP8AJUqxDB+xKtkj36Y9uvelVAVBBDfSgCJm/cnJ5z6U3zNrbQccZqZ1G1s4UAbmLDgDuScjGMetMtZre+gS4tpY54JVzHJG4dWGexFACN8zDB7VFIflGfvFvSrXljj1x1pyxhsZOSOlSBW84q5HOPpVvd8oYc+o9aQKO4p8ksNrEZZ5Y4IwVG+RgqjJwOT6nge9ICKWTdIqjOG/Spl5iG3gipFwm/I4BIPGCDnp9R0pDlYy2CQeBjjpycE8dxn8KBDHJ2j1qTd8o4qrY39trFlFeWU8N5aTDdFPbvvRxnGQe/SrKyZGCMUDILj9514AqCNVZZCwLr2yM1dYbl9abHjle+cH0/8ArUCKsakRqQML71Iv3m9D3xS2t1b6hG72s8dykbshaGRXUMByCR3yRT5V2/L3HBxQIbHJtkCmppHxx1qt5Z3Z71Zj29TxQUVhJkncKCo2scYY1NJGAwJOE7sSF6cnk8elUdF8R6X4ghuX03ULbUUtJTbzvbuHWOUKCUJBIzzQBZ2lfLI6DpT9xZuuKguNSsrXULGyubqOK7vN/wBngY4eXYMvtGP4QR17GrabSoAIZ2OAF5546e1AgUUsjbXfJAAXgVkX3jTw/Y22rXM+r2cFtpMnlX8skoVbdtu4K3oSCD361pwzxXkEcySJJFJGHWXIClcA5z7gigZB8rIjAEfSpfMLhxtyB0JHJ4qDRdf0jxJDdNpOoQ36Wcxt7gwkkRSgAlCfxrRWFVZTkh19aBlKJcbBggKc5NWPvLIAeSOKs4+YkqMGpFCsxfA6Y4oAqq3EfU8c1MVaZWK8elSKnzAgcVYkaMKMcGqApLnzoyoOO+BWnHJt4HHrVOL5WOD1qfO3kdaAIvtHzMCtKpKxhypPtilJ+fnrU2eBimBVkB8wY4FWpPuggU3ywe/NOTI680FEKsTMw24H0pzsoUkknHpUjyDBqHaG4zxQSQPILhMjIFRLu6KuauCLb0NJJn2zQUVVIUnnLfSm8l8jgVZ2nniomIHSgk8Y/aeidvAWiMjpHNH4l08o8ihgCXYDIzkjOMgYNY3xmtfEunyfD6TV9V0y6tovFFlkWlo8DJJ8wPLuQV9hXr3jb4f6R8QrG3s9W+2Nb28y3EaWdw0WJV+6xwOSPrVPxV8MdH8ZWOnWeqyalcR6fKstv5d2Y3Ei/ddiMZYepqijK8beOfEXg7VLa8h0SG58O/bLezldZyLrMpCh448EEK7KuM5xXCfsxzSp4P8AEthep/xObfxBeNfxzKQ28sSpZTz64JH+Ndb4ys/F9x4ms1s9BtdV0LTtstu15qUaGS4GN00qbeQoJA7kjNaOufC3Rta15tcUX+j61MqxzXmlXTW7XKgceaACrnHGSM4xzQBV8eWenXmj3kS+EbPxrfCWE3Oks8QcnaQjsX4yq+vJBHtXIfDjSf7M8RRTP8II/BaeUw/teGeFivKnYdpzz7V6tougWmg2rW9rHKgLmR2mdmkd/wC8zHkn09B0q40YLE9z1/Ogk8O+CMjW/wAQvivbagSdSXWzcPvxu8h1Hlnv8vTpkc+tP/aUjtJvg74rlKw/2iqWbSFyC6p9oXarcglQS+BxnOfSvRvE3w10TxVqUGqzpeWGswR+Uup6XcPbzsmc7WYcOPrmsvVPhRoOr6HeaTfi+u7W8YPcSy3bGW4IORvk4Jweg6DHFBR498arPxGnw90y51LUtOuLJdY05jDb2EkMozKpUlmkI7kEY9/SvVPGPhfW/EElhLpPi668NiFWWWO2torjzWJJz83YZ7Vd1z4Z6J4k8OWehXx1C406zZHjjW9KvuT7rMwwWI7E810Nrai1t44t8sojQRhpnLsQBgZPc+9AHjPxW0PxFY/AHxlp9xrFx4h1H7OXF3Jbi3Zot6llKLwQBnpXoHge4tbrwVpc9q8Y02SxBVwQqeWU5DHptAHQ+tdJIqMuNqsrAqyMoIKnggjuD6VxFv8ABrw3p8jCzXUrKzd/MOmwai62ec5P7vPAJ529Dk8c0wPPpbS6m/aE1NfDup2em2r+HbSUSS2zXCeWSQuMSKR6VD8O11LTfiJ8WBdiLUtSjuoJdkCGKOWQwJtG0ltoP17e9en/APCutGh8Vf8ACQwrdwar5YhytwRH5Y6KIydoAyeMVRtvAdj4b1rU9d0lLp9ZvkYyfar5jFO+Pl35JwB0zjjHpTA5+11LxL40bX/DV3djwxrGmzQSrfaSRMjxSLuCESA4bGQa0/DXhDX9D1Zb298a6hr9qYmjW1uraOJckrtfKrnIAP51D4Gs/EljdXsniCws4Jbo+bJcW159okmkJ4zgAKoAAHoBxXZbtrZA2nnp27HFBZ8+eM7DU/h7Nr/jHwddpq3hpppptc8O3Z+VSrFZpIX7NnnZ3POK6bU/A+reJ2fUbDx1q+l2d2omt7NbaArCGAYLkjJwDjmuh1L4W+Hr+8vJpYb0fapzc3Ful7J5M8hJJZoy23qegGK6GFFhjVIwAijAA6CgDyD4r2d3pvhnwOL3UZtSt7DX7cX17cKsZw24I744AB4z06V3WoJbQ2HlXMkSGRXSHeQVZxExP/jp+9yDmt/UtPtNY0+4sb62ivLS4Ty5reZcq6//AK65W1+G+hacjeTFeyLsaJPtV9I/lI3VY9zEoP8AdxQB4stjrQ/Z60G4fV4JLBZ7FxZNZ7XVPPjVRv35JB9h0r1LXNa1qx17TLdY4U0fUJfsZkjlYXUTmIt5o7EBlIwee561fb4a+HI/Do0FbOY6Qrealt9qlwrA5yDuz1GcdKz77Qdct/EemNp0VnJodqiRxme4kMsfB3vjbgtj5c7icCgDIj+HurxyQy/8J3r06pJ5hhkWEo3+wfl/lXY+X0JHIH/66s7VVAQPoajbpQBVl/eOqDtS+Sf71PYANnvRtFID6Rmb0rD8WeKtO8F6Dda1qkrRWkO1Qsa7pZpGOFjRBy5Y4AweuewrTu5vLCgcmvHP2hNN/tXUvhvDfvLHoB19Wv2jZlCtsPksWA+XDZwc8ZNQSz0TQ77V761+0atZW2mRynMNmrmSWP0EjfdLeuBjNN8XeJbPwjodzql8JGSHYiQxjLzyudkcS/7TuVUfn0rynwva6/4a8f8AjTSfC4XU9LhsrOa1ttSvHe3t7pz86eZ8zYCfNgUfEa48VXU/w6Hiiz0+xB8W2uYtOuWkjkQo20uWUEHf04HQfWoEd5rmq+Mre3s7XSdF06fWJEa4uZryZ47O1TdtWHcATJJncOOOKf8ADHx3J8QfCf8AaN3Zf2VqVvczWF7aqxZUuIiqsFPcEk/lSfEP4h6d4LWC1a/s7PWr8utlHdTLGkYUDM8h7InpjkgBe+ed0KWSx8ExWnw8utL1u4tboi5u7yVzFNI+Xmk3IMM5Z1JHYN6igC38XPHWteBpPDZ0mLT549X1OHSit5vJR5M4lG08qMY9araB8RL8/EbUvBPiazsbTUrWwXUoL+ylxbzQsyowIc5UjJPJwQK4v40T6i2l/DO28QXVpp+qSeK7bz202U7I48vh0L88DbyRiuj8UfDfQ9E8P+MtYupJtS1K906RbnUdUkWR5EWM7IxtAULnBwoHPNBJ6Pa69plx5pg1KznWGFZ5fKnUhImHysRk4HB5+lMs9c0vVLaW4stRtLq2iO2WSGVWEbYydxOMfj26Zr5zfQ9O8P8AwN8B6nY6ZDDZzTaSdfntF+aS3UbnEpH3kD9R26Guo8SaXY618UNUvNDS2utCbwlcjVjZqv2eRgC1qHUDAfG4gdgBQB7Bp/ivRNRvrextda0+5vLlPNhtoblGdk65A7iprrxXomm6pFpt3rNjaX82BHbSzBX3HkKATy2McEjrXzL4Y8P6Lqfwr+DTeHIbI+Lft9lctLZ4NwEVna6MrAZA2gcNxnpU0Unh3W5PFHh/xff6tD4k/tya4XR4QqPeM0ha3eJtm4gKqruDAADFAH0ff+P/AAxpb3iX/iLTbJ7Yqtwk1ygMBbOA3PyngjnNQ6xrEK+IPDdrbeILOyNxO0psm2SPqEJjYhY+eBnDbhjgV4be2fh8+Nvjm1xFYtIulQRwtOilvMNtIrhcjl9xUkjvmpLPVLKaf9nOaSeKW5htts78blBtPLAdj0+c7SD60Ad7pHxPk0PXPinN4n1ONtF8Oz2xtjFDs2I8JkZDjJLZKjJJ6Z6VtWvxAsfE1l4Qu7TxFb6JNqE8LnT3USyXRMeWtVzznLj5lBHBryHUp11ix/aDt7Z1uriaJFjSEZ3hLTyzt9cNxx6Vd1fxBpeoQfBK5iuAUg1G23yNGU2KlqySEZxjD4GemRQB7bpPjnQte+3mw1OG8/s1sXqQ5drfGch8dDhW4/2TUd38QvD9npenajJqUclnfJ5ttLCjP5yDBLqoG7ZjJz6V5N460PWdH+IUcGgoyw+PLRtLvivAt5YRlrkH1EDSDPfA9a1b6QeBfjhbapqH+g+HbrQI9L0+9aM+TaSRy7jEWGdhZD1OMgAUAd14j8SvJ4JPirw1eRahFZwNfJHGyvDeRKCXj3YyrYzjGDkAHvUuofFDw7Do2m6j9tY2+qWhvrWOKF5ZWh2hy+1A2FAYAk4G7ivP/A9nJ4V+F/j/AFO/R7TR7y91XVLGGQbRHaNH8jhcfKGYEhcdGUjnmuD8Nx3/AIX0LwFoWp6feWUp8KmJr/T7Rprudy4P2FXKkR4BVmPcDt1oA+hLjx9odrpmmXwvhc22pIZbM2cbztNFgEyBVHRQefenyfEDQ49F0zUjcyTW+pL5lnDbwPLcToM7mESgvgY5O0YJr550K3il+F/w2inudY8H+INK02ZbXWUtm8uN1dQ0UiEHcjqcDjGUwCasXc2s6bJ4E8V+LvDt7Lpsmiz6dfQaOJEktJml3pL5cZVvnVQSPc8DkUAep+IfjtoGm2/hK407zdWt9f1BbRZreF3ESqT5wOB/rBjGw89flrV1j4weG9DvpLa7uZlWCSCK5njtn8u1eYDy1lbHysdwOD/e6V5Vr2kJpOn/AA+1XRfC19p2j2XiL+0HsLeN5rgQvE6CWRC25TIx6Z4ABNc78UP7c8SaX44s28OaxDcR39tLa2tjYERXEaeUTcTSKP3suFKhTkLjpkUAe8+IPi/4Y0DXdQ0We7uJtVsYPtU1pZ2U07eWSVBUBctyOoyOKraX8cPCOtXulQ219NNDqsixWdyIH+z+YwysTSldqucEbTg5yOtc7puoSS/HLxBq8ulapFp03hu3hEjWUrAzLI7sgIXBYBwMe+O1ef8Ah3S9Wsfg78MNPfRNXW/03xHBd3lt9hm320SSyO7nK9hInTk8+hoA9h/4WD4e0nxZ40mfVdTafSba3OpW7RS/Z7VAHKPEm3JJwSxAINP8NfGTw54q1bStPsDfpJq8DT6fLcWciRXAVQzIrkY3KrDIz1B9K4TUrS/Xxt8YLgaNqTW+o6LbW1o32OTbdTRwvHIqHbyd0i89+tVbHTtUWT4GR/2JqiNocTf2jObNx9ldrVYcPwOrA5PtmqA9Nvvi94e09ZrmQXbaNb3g0+fWkizZxTliCpfPY8E42gggkGu0D7fvMu0jIO4DPoRzyp9RXzbYeF/EUPwb134VzaNeS6vJcT21rqKRlrOWGW4837SZcABlUsSDg5GOe/qN58NYv7et9TXxJ4hhaAQqttFemK1fy0CgMhUcNt3HB6saQHK/EVG0Hx34Raz8bXMXibUdYizYXF6I7Q2RLF18nBAGxcA53MxznmvZ5w0nnLGWhZg3lN5W5lJzhtuccZHWvFPGtjJ8WrGTRv8AhGdS0q9S9hl/tPUoUSK0jjnBaWOQEl8qCAoP8QJru7vx9cReMrrQ08OX07HTJdSt54yipduuN8K5bhhlfmYc5OKQjiPDAtdD+PlhpOleLrvUZTpFzLrVleXrTCWbIEflIQAGzvYhMAADivaocQxl5SI0jTc7yH5QAMkk9gAOteYNos3xG8aeEfEEnhy80AeH5ZriW61CNI55meNkFvGFJZgS28k8AKMck5n1T4KafcW+vvaaxrYvdRsry0xc6m8lqrzIyA+UcYXL8ccYFUBy3xC8Yf8ACXa18Kb2z0zVLbSrnxLbC21SSYJDPD8zHfGHyNxVSu5TkKxHBrq1+IOg6TrnxL1YaNq4vtDS1bVmwGaZfLYxmFGcKoCKSfu5BzzxXAjTfHWoeGfhnpVx4JvLe88MarZyXly1xDHBNDBE8SvGS+SGVs9BjkVual4Z8RXWs/GaWHQL2RPEVpBaaWTNCfOK27QMTh/k+Y5+gNSM3Yfj9aTXmgQf8Ivryrr1qZ9Mk8hCbtgquYwAxZRgn5mwvGc1qWfxi0lvCur6vqNleaLNpOof2Tc6fdbDKLlioSMENtO7emCDgc5ziuM/4RfxEt98IJE8PXkSeG4JE1E+ZDvhLWogAUB8kZBPAI5rP1z4Y+LNe0X4gPBpA0y8vvE0HiLTFuHjaK58sKuyTYzYJ2/xY61SEdJq3x7QaF44Wy0gjxB4e03+0PsrXUcsLwkf67zkJUhM/MvXI9Kl/wCEyt7yH4XJ4l8O3EmrapeQ/ZLh54jHFOLcv552NjkFjt6Dd04qSXQ/FPjvwH4rsLzwzp/hB9Q0eewtdNR4pjNO6n94WjGFjHyqq56nnpgZGp+GfGOrf8Kwd/DLQXPh+8iur63S9jkaOJIPI5PBZyWLYAwAB3yKQG18OVgs/jZ8WRHhULaVIxLEjJt2Zmyc4yXPQ967Lxp4RsviBosGkX8832Dz1muIbaXYZsLgIXU5UZ+bjB+X0rhNJ8C3epfEP4iTeIdHePw/4jhtYYHa7RWb7PFs5CPuTccEdDjHTpXZeFPBek+AdNuIdAsGhEsn2h4ZJ3l8yQKBty5OBjA4x1pPdAcb8KfAug+HfiZ4z1PRLVrXT9Pit9JAa4eZGnBM9y4Zy33d0K/gfevQfF/jSy8G6PDfzBr2S4uYbCztYW+a4uJTtiQEgdT19AKx/BngpYvADaJr8Aup9SE11qkRcj99O5kkUMpBGC23jHCiuZ8XfAfTV8MiDwVZw6VqlpqVrrUCySyNHcXEBO1HJLYDK7DPGMDtirA3bnxxFq+peIPBPiXSY9O1Q6NJqEUayi4t7u3wyFlO0EurZBHUDp61yvwD8ZT3Hw/8CaDo2nR6s9vpMR1O7a5MUVixIIU4Vssy7iq9RgE8EGtS68L634k8WTeK7vR0sNQtdEuNK0/RxepM0kkzZeQso2qqgAL3wTXH/DH4V+LvhRP4butK020eCW0Fp4h0w36mKaSPHl3MXHDFTjHtjtQI9F0X4pS+JvEZs9L0yC506HVpNNunF3/pdsE3Dznh28Rl1xnJ4INZl58aXtNEv/FVpo4vvBmn3b2txfLcEXDpHJ5ctxHHt2mNW9XBOM1k3Hwz1jUPiNpfiR9Jt9E1Wx1ZpbjW7C7UDUbDc22GWJQN7lWjGWz0J61DZ/CLxNpPgjxH8PrSG0u/Deo3E6W2sPOFe2tp38yRJIiMmRckKenI9KQz2mPVrCc2zR3duwuAjxI0yh3VwCuB6kEY989a8M+Pmry+J9HsbuG7A0HSvEVhawiFsC/uPtCLNIf70aDKKuB8xY9hXp83wl8HHUrbUJvDtrd6japDHDe3AYzbYlVYixz94Ki/rXA/ED9mfw1r3h9YdA0azsdTa/tZpZJLmUKbdZg0yjLHBYZ6fWgR7NdatY2tyy3WoW8RY7/30yqWB6NyehIOMd68w8MeNvFOo/EL4kWdza6dd2ukPb29va/amQf6hnUKSu3L7zuY4wRjBwK6HUvhN4J1C4gabwtp1zLawRwW0kiszxxoMIu7OflHSsXSvBvibw/488Za3Zf2bd6drkcM4WSV451mjgaFVIC4C7vm3Z6DFSMx9P8AjHLpvwv8A+ItP8Oafp2iazNHazRCdo005ZJSiOAsZDpwct8oy3pXWax481HTdS8XLp+k/wBs2uhwRbI7aU/aJ7qTB+zgbdo2Lh2PJCt0rkdL8JWfg/8AZ/Pgvx1eWFpFDZXELSQzBhONxkBjBAJILrgAZzj1FO034d+Ibj4Fy6DFqU0PijVLEXF5f3LksZ32M6uy8hSgEXTotUB0Pgr4tPrXi7XPDWqjS0vtNsIdQ+16XcGS32OWV0bfjDIVHOcHuO1dzp+s6XrwKW93a6jDnbKlvKsqgMOA2DweDXk3hP4W63D40Gr6rbeG00W50IaRdaTYLI6Ikbs21QwG7O7lyBg5BzjJ7vQvBuleD7e+bw7olhYTzAErboIxIyD5QWAOOrdu/wBKkDkv2d4bbSvBviOCBI7e2g8S6oiKoACqsg6/h6/Wuy1bxpaDw/q1/oLw+Jr6yg3pp+nzrJLI+QFXAyR1OeM4U1z3wz8C6r4V0nXNP1pLOdNQ1W51JPs8ryLi4PMbhowOMetM8XfCHTbvwbr+meFbLT/Cmq6lZ/Z1u7eLylI3h9jsgJ2typ+pPeqAqeF/i1f6r4o8U+H2h0zVdR0zTF1C3l0mdvJlclkaBidxVlYDnnOex4FnTfiN4luvibZ+EDZaPeRxQLeapeWk0p+wxMTsQ5UZkbHC4Heue034d+ONO8Zr4hgfw3DN/Yf9lJp1uk3lQvG5aMLxll5DZ2jpjnqbXgH4e+LfCFuttI2lvdXl99s1nWoJ5ZZ7pmbLERmIbeMKoz8oPGDUgT6T8atYh8ZeGNI1XTbKyl169mtRp6yML6x2gmJpf4SX2H5eozzXJ6Tr3izwxqHxWufDGiadqVlpviC4uruKe42yyp5SEpGqgfMFGctkVJpPwX8dWFr4btDfaCZtB1r7et2IpXnvi4kBkkx1k+c8Z5x1GK7BvAfirTdS8ZRafNpx07xTcG6a6unlSW1LxCORRGVw/H3Rn0zVXQFhfigdb8WfDgWOmW0ukeKLS4uoL2Y5urdlg8xkT+52BPcA9sVB4a+LWoeKPFj2NsmmiCDU57G+04l1v7WGMsBMfm5DFVYbV6OKkuPhte6br3w2bQ/saaP4PSSEQXsjJNMrxCI4ABAO0A9epP0rOuPhrq+seKPD+o6tHpq6jpGpG6TXbGVmu7m2DMRbyoFAJ2soJYj7tAEHiTxVL4m+HfxrsL/TrGxutH8+3P2P5/O/0cOsjNtHzZJ7cDjtXR/DvxxeeLl0oaQbN9C0+zt7a7vptxkkuFRfMjQA9FAALN3BGDWJdfDHxK1r8S4Hl0vHi1dqN58xMA8nyct+75OAD/nNHhD4VeI/AvibT9Q0aXTILO5tI7fWtN82QRTzrhBcRDy+HKIM+5NSBR8L+MLX4eWXxh1qWIMLPxK4W1jYbZZpEiWNCwAADMQOn0xXat4/1nw/400LRfENvYyWeuLIlpe2IcGK5RS7RSKx5BBGCMcisJvg5eeIdP8AiDYazcW0Ft4ovV1K2uLWR2ktJVCiMtlRkYVc8g5zj1rRt/BXiDXtc8O3niV7GT/hHy80P2AyOby4KbFlfKBUAUEleck/SgD0kTCTocr29cds+/tSwzCONt2TmqUEz+ap2MykZOf071J5u9SACCTwKAL/ANqLEAcZ6U5WDNzyKqtnzF4xxUyhli4GTniqGTN+7kA608zrnFVPObzGLLx/9aoWZwUKoWXd1pgXpnCZb0qSO4wRkYUjrVCSVpAy7WcE8cVOyny1UigosQuvz5OeeDUpcbeKqRwny8/lUjbmdQFwuOT60EiKxdWJpsmYwCvHNLDgqQOlLJllC4zzQANKdrY+92qt5jMu4nnvUzNtzweKpSXBjcbYHYN19qCi40xCErwNuarxOWXL0FwUIwemOajjQ8c4HpQA/fhj0I68gGhpOR6D16UjkeYE/iboaikf90UxzQBA7MLgnJII6A8GiSUFfQs2T70qttcErkAc1BIGkbcBhc5qgJRIqnGPyqNpV3YPenCPJzULL5c28qWPagAWRDubAJHQkDNRKwkkBHBHWo5Fd42IRt2cgetVTJI0gIjO3HPagCdrrc2Mlh781CZtwIPWqzFx/q8k59KTeWbOxg3cUAJLP5WTjODT+PvHnI6E8flVW5aZXJEWR2pwUsqk5Vu4oAZIG+0Z6cY4pk5O/IbBIwcdx71NJ94Hr71FIMfN3pgU5JBgg8qeMHpULybsnOfSnXCmQj5OPWoWjbcFUcUFkcq7j+tZst2m/qSffmtOVjG3C84xWO1qyyyfLxn5f60wJFuQ0fPfjmoZpNsR55pt1C6qSg57VBIsrqCBjPWkSRySbuepA6mqs10kf3gMN7VakjdELYrNaF5mJ24oKH+d5me3eo5m2oTSQL5bMG61HM275e1ADHmHpUf2r2oaM4NRbWpFH0xNDvrO1PQ7XWrOa0v7eO9tZV2PBOgdDzkHB7+/WtOT5ec1wvxE8R6vp2s+C9I0W+hsJda1KS3nuJIVnKosDScKSMfd/WpMzotL0Ox0OyFpp1pDZ2ytv8qFAqlvU+p+tUvFXhm08XaNLp12zQpkTxXEXDQyoQyyD3BA/M1z/wARb3xjpXh69vdH1jTbC30uxaeW8vbXzHvZVUlhtB2xL8vHcluK6fw3ql1q3h7SNQ1K1XT726tIri5tlJYQSMillHfAJPX2zmoEZz+E7HWYornxDpOk6pq2xUkuJbRJN20nH3gfrjpknFX9N0az0q1S2sbW3sbaNi6w2sSxoGPU4UAZPc15t8Tte8f+G9H1nxTp9zptjpWjsWGj3UBeS5iQgFmm5CbvmwAM/dr0eyvvtVjBdMjW6zQJMY5PvRblDlT7qG/MGgCnqPhux1KRWutPtLtl+7JcQJIy/QkHHSrdxYwXMYjuLeOa3JAMbRhkyOny4xXkEvxY1pfh6vxNEyL4dXUSq6N9n+/YiYwmTzfvbycuOcYAHrXQ+JNV1PRPir4KtbbWLhtM1q4ulls5YoyipHb7l+YLuzuPPPVfSgk72PTLe0ge3htreC1kBjNvHCEiYHqCoG3Htis3WvDYk8L6npmiW9nps13bywx7YfLhDMpBZlRRkjJI+teafDP4u2VjDrdj4r8SJJqS+IrjT7czIMeWrIqEqigKCScZIyWr0nxL480LwbI41a8Ns8MZnkSOGSZ4og2C7+Wp8teDy3Xn0oAofDTwQvgXwfpWlPFYvqFrbpbve20IVp1XHJYjdyAOtdS1nE06zmFDcBSgmKguF9N3XFclq3xb8HaDdRQXWvWpuJrVbuJYcymWElQHTaPmyDxj0rM8TfHbQdN8HaX4g0iX+2bfVL2Kytnt4pGQO0ihy+BkYXdgdcigD0Aafa5ObWHuc+WueevOKiuLWAnKxRg8gYQcZ6444/CsDXPit4Z8PrJ9svLhRDbpdT7LSVvs8TkhWlwp8vkfxAcZPpTNa+KXhbw/rEWl3uos+ozW/wBphht4JJfMUgFQCF+YnPQc9OKAOiggC4HyjnP3R3OTV2HckmE3SPt7Eg4z93oeOOlY/hPxPpvjTQ7bV9Jn+1WVwG2sFYMrKxVkZcAqQQQQeRiqnizwvq/ii5hs7bxJdeHNPjjJkfS8C4nm3AfMzAhVVeeB8xbHagCDw74GutN1261fVddl1u73zCxjaBYo7OGRgSgAALNhVGWzwMdzXW/Zd2OOMbM59cDqOhxz+eK4f4Ha9rHiL4e28+tXB1C6gurq1i1AJtN1BDIUSXIGPmAJ4GDjPes74iahc2nxc+F8cWo3NraXVxercW6ylIJFS3LgsOBkZOc0Adr4i8N2/iaOCC+kZtPSUTXFoOVuiD8ofH8GeSB175FaLQn5hnaWGDtJA+g9q5OL4saI/hebxE6X0WmLMkEMkttzcyu+xBEN2Wy2OcAYNV5/i/oNjoXiXUr2HUbL/hHX8vUrWS2JnjJXcpwuRgqd2c/WgDtlhfDP8zPz8x5HIOR/9b3pBbqmQCR+PP19jzXhPxM+KVhrkfhPVLCPXdOtbPxHYLKzQyRC6t5kaQ7EBHmY8sD8/UV3mh/GTQdZi1+S8F14eutDi+1X9nq9uYHjhbkSgZO5eCOOckUAdq9uizLINwfJxtJ6nqR6VIICpAHAUEYXtkYP0IHP41xmmfEa31LXtP0i607UNGvNVtnn00X0YT7UqruZQVJKvtIOCBXB/B3xxFofhe5sGGoa1f3XijVLe3t43Es7RLJt3Eu4+VVXGemSR2oEe5KNvbvn5ufx+tP2uz4O5nY7uclj+h4zn6c1xGp/FS1tdVv7aHS768j0+5t7a+nhMeLaSYoeVLAsqrIuWUYzkdqqWeqaH4g8X/EDT4rLUYNVtdNhj1Gd5HjSSMpIyCLDDHAHzDBPrigDvJo0RSH2hW2xqTgbWJOAufx6e3oKinjZt4yzEDJUdup554yc14Z4J8QaVZfBX4Q2+vaffalJqdzbray27Fdly0rFGkYNkjLE4PB71b0vxRZ+CPit8Url4Z76Rn0qO1sIXLy3E0kbl0iDHr82cDgDB4FAHscFue6jb+Yq0kKKDgYLdSOCec1Dp1011BC9xA1lOTtkhkkV2Rt2MErlTx6Ma4DS/jTbaprHh60fSLyystelnhsLy4ZAXaIMTvjzlAwXIJ4PFAz0abLKAAWK5IAPQ45P1OR+Q9KqafZWcN1dXUUcP2twIZ5kG9uP4Cc8AemPrXI6P8VY/EOsQwWOkyS6VJqFxp39o/aUzHJCHLeZF1UExkDJ54PANcTrXxK/sT4YfEXXvDPh+TT9Ut9aksbuS8mTd5zLEjXGAWUAbkwoO3vigR7uqdd3zfU5pqx/wt06fh6VX0q8uLjT4Jb+2+w3TL+8txIJNpzx8w4ORg8etWzMG70APES4IGBnIOOOtO2bS2DgMckLwCc55qHzFDAg8GnGdT/EKoZJ5YJB/wD108qPx9RxUMbK2Bup8jkKCDgUxEkajbjt6U7YMYxxzx256n9KTIXpzUb3Kptz1NIB23DBR8q8fKvA46cUo29ODznp3qCeRsoVPBOKdAV8whjzQBIy9Co28Yp+7ao2/K3qKWRgqkion4AamA9UG0DGPTHGPp6Uj4z0HXPSmfaljKqerdKVpEPQ0EjhjdyBns2Ofz/GpPMCEHAYr0yM/wCetVmmAbb8x4yOKSOZWIUEg1JRcjYMoxwKRl28HkZzg1H5vl/Mfu+tILjzejZ9KQEjYDcDr1NOfO3g8VFHKHzn5fWkt5AynbyAaAKeqeG9J1640+61XTLPUbixcy2sl1CshgckEsuRwSQDn1ANaMke8kthjnOTz6/4mkmuFhXcRkYyeKjW/jZlXuy5oAfHAeQD8pOSvapGjHJznPXjg/hUNw+Y4ypxz2pHnG1snGBVCHj5emB9KeVG0Dt/P6+tRRSI0aEnJNS7wcADjvSEN8sOpBGQRggjPHpQIUXLbQT9On09OtN+0DovI9aXzD5h/u4pFCfKeoHIKnPOQeoPsanAVs4wDndgcDPHOPwFVPtCtHv/ANrFEU3mScDFAE3k7SFHKjoO1T+XwM8/Xmo/OCrk9RzUkdwJVyOKAFZAxz+Ge/0zTSuM+nXH9ahe6VZCuGBp63CHI6kdR3oAkVQ2AFAHpileFW+8BkdyOn09KrrfLHhsMVJ2gEVaaUMR/hQAm4beuD9KZt3e9SNIik881BJdCNlG3IPegZPuK4FPMoTGabDiXnqKZcIGYEHAAyRVAT7lP1pvNQecqbeevSnNcKqbz+VMCzCQD71LuBPIrLhk8y6Y5yuM4q75oUAnhe9AFksFwaGbd0qmLgSdG4pqyFkkYH5lNAFpYzGxqfb8tVfNaSMHG0ile5OAMc0FD2jPOKgkViwGaeH3dDUfniNsE0AR/wAVNdcLwcVIcFh71BO3ykAc0AMC7mDHkjoaey5wTRGpCinbgOD1oAh2hRjFLwBjGBSSNtZfSmyTLtIqgBtq9KjaoRcdBjr0pouVZygPK9aAHt3qtNHxxwKlacc+oqrJdKVPrQBEy4/Com+Wj7RnNRtIJGHFAD3+6ag/iNJLcGNCShI9qrm8XaWA/OgCVnHQ1BMy8mo5LkSIxHGKryXAUheTkVRQ+Q/LkVX4696ja/TYRgioZLrbnjPGaQx0xy3HWqLEs3JyadJqCbgNrEsuRiqrXO4ZHU9KAJZMmoG2jNKZjtzjBqsr7pGpANkwzdMVUZgcgdqszSbeM98VmSTfZ9xx3qgElA8w1Eyg54pGmPWmeduzSARu9M2imtN703zqQj6MvJGVgo6V5v8AEKdv+FkfClGYlU1K9kA6ji1b/E16fNHkHk5+lcV4z8C3XiTVvD2p6fqkenXuiSzyoJrbz1fzIwnIDAg8mpEc58Sr7wX4nsNT8NeJdUUXEUIlWy850fLL+7wo/wBYRjIGCASM0/wfrl14P8CeCdL8WXM663eLHZEsDI5mOSEd1zghdoLHuOec16Bbq/liOdEaeNVUzrEFJIHJHUj8/Snx26xyGTG6TO7cwyc+tQI8X8YfFzwrq3iKXQNU1CS30fTZFa7VbaVvt06sCI8oh/dKwBbpubjpnPojeJ9P1O+stJZ7i31DWNPe9ijmgIZItoz5mOFcb+QT/KupXbGuAuOc8evr9eaim/ebsjIYEH6HqPp7UAfMMGlXepfAnTPhUsMo8TLfLp11btGR5UC3BleZjjATywCDnqxGOK9K8ZqP+FwfDgbytuq6mwkb5flW3Xr6kDB4r1NVEe4gBC2GYgY3dR2+tchdeA57vxxp/iW91h7hNMFwtpYRWwRE81FUln6np3oJPny8kguPgp4/hit2e81DxVPPFGsDebNG1zG6NjbkjYjNntiui1y+07SPih4ol8TadrWpaN4iitZ9NudL850uEWLY0DJGR82cnLdNxr6FWN/OVg53J8qsDyMccGpFjaFSqMyg4zg4Bx0oA8B8/SvAPxg8Hrf2kei2UHhGdY7dgZlsy0w2AkAkFR8vsTgGsq98K6hpfgW41X+y7uO2vPHkXiGOyjty08Nl5nBaMdyBuwP71eySeBZm+J1v4xOsMrw2R08WPkDYYiwcgvnJYsN2TxXZBmLbgzBugYNzwfUHr70AfN3xWuNX8UDx5YpoGs20l5pEIsIrOxYNqOYy3mXMo/ucgIT2xyciur0HUHuviz4H1GbTtUs7a08KSWk089nJmNyyNtzjqVRiB79M5r2ddyhlBwGbcwHAJ9frzSSR/KAM464zx+VAHiPwv8L6tr3w5NiNX1nwjcx63f3Mq28AjleOaRnQfvARgBh2ra8aa9qnhm10/wANWtr4k10XCf6brFnbrLcLHuYlUIwA7biMgDaOevNeo+W7SlmO45zluferUWV5yfz/ADH0Pf1oA840+zn8deEobW3t9Z8BWFpMIrS3hKw3DRRx4U7WztTL9+TjPeuD+LHw61DxLfeBtAt5dev7eEX32vWjGZHiMybY2d1GCofAI/ugCvoLjdkjPseRwc0KFXIUYHcA8H6+tAWPD7zxF401D4YWdvceF72z1ixvbe3vvs9qMPaoxDz2gYbQxXbgdRngd65mbwrr8OhfGOyt/COtW58RW8I09Zj5sr7oTHsdi5JbcWJycA8YGMD6PmX95ux9Mdvb6U8JtjGXbcBgHJzj0zQB5Z440rVdW8H/AA3v7PSr67/sPULK9vNPWPFwkUULI2Fzzg9h6A1zPjP4Xal8Sm8c6zBFLpEt/pMGk6bb36iOSdoplnd5R/AGYKgBzxk17vCpXvkA5Ge3GKTyxMx3sWGc4Y5+v55oA8omsdU+IniXwNquoaFf6IPDckuoXv2xF3SXDReWsEIH+syxZt3A+WvPPAHgvxl4D1+TxJZ+Hb6S4vtTuodT0yR0Bls5ZmmjljJb5XXIUqMA55zX06lvtBC8DGOP8+1RmEjgHA7Y4oA8L8XeE9b1XxwuteH9GvtB1+K8hEOp28qLa3lkBHuF2u7GVXeNuDnaPaums9N1mz+InxL1htDu/sWqadbxafITGfOaGJ4yFBbIDFxtz6V6jDCFJIGG9fxzx6U1rU7sjgZyPrQI8Jg8E6+vw2+EWit4fuXvPD+p2s+oJG8fyxwlwzg7sHO8ED2NZmsfDXxZdfEfxL420bSriz1q2uLWfRnkmi8u6VYhFPCy7+N6tkNjpivolIRDEAMFV+6McDjGR+dLbrtBkH3ume4oGUbFrybRobuaxk0i9MZb7LM4JhYYAG5ScryMY54rwfSfhv48m8ReCdV1DQLebW9M1KaTUtSub9Ga6DxyKHTj5Y1DDEa4x2Wvo0Rhox8o+uOfzoRNj7x1/wDr5oA8T0L4d6ynxC0fxFaaNL4Xv1vZjrl5aXKmy1S22uIz5YP+sb5PmZRj5j1qlcfC3xPqvw2+J+jzadHZ3+ua1JqllHNeRbZEMkTbHKsSHIiIJwBzya99kUNg98Y5549Ka27bjJx144/GgDG0y6vZNIgm1G3hs76RN0lrbyCRIz2AYAA8Y6cfXrVhLlmkiyCNw+YVO0IZugA74FSrHgbsUCHN8sK7eTu4qVolZQy/Kc4NKFBwQMd6euV/nQMiWIxtJ/EGNTSKXRBjmnxt82RUo9aBDbfLLjpim3ChcsVzipl9qfwwGecdKoCkyny4zjoc4p8a7pmbGAelTHmgYXHGaQxlwSkbcZOOPrUO5plXC7QBzVyQg+9NVRSEVGUNPEQudimpFiLJu6GrIj2nK/Sl3beMfWqAqtnzlwMgIRn3ptvGvnBmzuxjpV5iMcDFR7fzoAa+fKbjPoKpW7+bKoWJk29T2q+ud2fenjK5I6GgCssbLkkZJqW1UrGTjFS7t1SdRxQMguFDROuOWGKrvGkaj92S4GARV3Zzz1zmjA6YqRGUEkjWIgMcyc/SrE8bXCsMY5q9jbjvimkDdnvQSUlBTYFXpUrIZHBPFSMg35zg0pj70ARToVXCLlqI1dZCCO1T+Z8vvUSt68igoSO3Ihw4yQc/rQpJuACvygVYDZH1pHztoAYy8tjuMU1SYo1FOjbHFL95hQBCxLsWxSyoAuR9+rRUdM0xlX+I/L7daBFaVZNqHn5TuqVpCTnp3qc+WiAq+cjG1hzTGQMuWOAPQUDIVk8yQ8YqVo9zRtjjPIoWP1qVfl6+tAySOQRg5FQswkyFBGetPkYdahXO7IbAPagCK4h3SR4DYWneWzMCTgj2qyDtXrmnbw1UBXtwDfsTkLtx04zV6RAUI4Ye1QqAxwakL7GC5+tMCv5fzDCn8KfCDskHrU4Y9utJwq4796AISHMYHcVIcqvI5NTx9KSQhgMnGKCiKJcKO1DxhuSMmpUYFaaW+bFUBCVPmKe1QyNzsIq02OcGoGznJoAbjbxVeYkSDjIqzu3Uj5x9KAKckucEjmq8g3MWxjNXCV60hw3OKkCg27KADpTVRh5pUbSejVeZVVjxUW0r0qgKCxGNSW+fNQJHIsq4X5O9aZ9O5qLcMkAg0AZk5O5ztwagXd5ygj5e9asijaRiqzKNx4oAhkG3J79qybiIheFbk1sSLuqCSgDDdJGRlwR6VFJHIskbYzgc1rzMByetVWGeaYzMEZZcFec0yWMtn0xitFvlyR1qHb1J6UijMaAoyv2AxVdYSzEjjFacu3bwarGgClIrkHAquisuc1oyrxnNVWGARQBn3P8ArFAB4/KqU0LyK27GSe1asq5UiqUnrTApGI7QAM4qFoWX2q2etMkNICg1ucZzUf2dvWrjHiosH1oA+l5MZJNQSEt3JA6Z5x9Knk+b6V5X8SPjNc+AvH3h7wpbeHRrNzrqE2jx3qxFXDYYOGBwBwfxqQPRGGevWmNnr1/nXAfDb4yWXjqTxNZanbR+Hda8PXv2O+tZrlWiBZiqMsnAILKwx14ruBrWnJYzX/223lsLdWluLi2kWRY0Vd5yQeDjnnsKViRxl3FwOWX7y5GV4yM/X+lByehzXzj8L/iVrtn+0lrmleJ08iLxfZx3en26sCIdiN5EY5+8UDq3+0BXoHxE+Ml/4J+IfhfwvY+H4dYl8QKxhla7MJjKsQxZdp45U9aVmI9N+7znmqt1dQQzW6TSRQyXDFIlmdQZmzkhATye341893X7VGur4R8T6yPB1okvh3UfsF+JNRxDuLhFWM4yTnOSeOBWj8RPFmnaz8TPgxLc6Ct6urSJdadLJdtE1u7iIneoGHxvU/UEdKLMk91jbtzxxz1qRpBGvJya+efEn7R3iPS9Q+ItrZeG9Oni8HkST3U126rJGWwBtC5389B3rp9W+OwfT/h3b6RYwya542WJ7aO6ZvJtozt3OxGCeScL196LMD1S41C00+P7ReXkFjBnBkuZFRDnoMkjHI7+tWrV0ubeKeJ1nhkUMkqOGVgehBB5FfM/xM+Kkfj74E/FPTLyzjg1rw7dR2N0sLb4nP2lFWRQeVztbqTitb4efFjXfBI+EvhTWrPTpdH8SaVDFYXVnIzSwsEQIZc8ENkdBkZpAfROzk5pvevne8/aomm1C9vdLsre50ay1pdIaxAd724j6SXKY4AU9Bg8daseKfj54x0/x94+8N6VYaG0PhrTG1X7ZeeYrGLYjBdgY5bL7evbpQB9BdfrVPWNa0/w3p0uo6rfW+nWETKslzcvsRS3Cgk9815fZ/GXVtU+EmieOtum6PYtYy3WptcI0+10cIsUSK6nMjBsZPBFeXePPi14l8Tfs0TeL/FGh6HPaXuoW4tNNmjk2TQ7mCyN+8yvzjcOeQvvQB9Mf8JZob61Ho39r2Q1aRFkSz85TKyFSwcJnJBAz06VoscMVHBz0r521WSW8/bE+HaxBYZP+EXJHljKRsYrjAwD0+bHX0rDh/aH8fXfw58T+M0g0P7F4e1ZbOa2S3kD3al1U4O7Ckb1P407AfU6o3emTZXAxmvDfE37Qk174j0PQvDp+wvf6D/br3Ulo1448xMwwJGuM89WPQVneJPjr4yt7H4T3Nrp9rpWo+LLprK907UrdiInSSNC6kMGw25jjrjH1pAfQF1eW+nWNzdXcyW1rbxNNNPIfljRRksfaq/h/WNO8TaPaavpN3HqGm3ieZBcRfddckZH4g/lXgmg/FrxLrPhD4zWWrvp9/f+EmmSCaO2HlTpskyjxE/MD5YHXjPrWQfjrqvgn4W/Cm6S3h0TRdUhnN/f6dZLKlqFYiJFiJwAxyTnn5TinYD6L1zxdo3hvUtGsNS1GKyvdYnNvYwyZ/fuMZVcDrlh+Yqjb/EbwteHX0h1y3eXQI2l1NSGU2qrkFmBHT5TXjXivxtqg8bfBMXL6LrJ1i4fzLlbVZQGG3M1u/OzKN0zkFfUZrmtM1O503xN+05f27R+dZqpWOeISRS7RJuV0P8ACwXH/As0JagfUHhrXtP8WaLZavpF3HfabeJ5kFzECFkXJGRn3Bq+cjP1r5dvvjH4t0H4d/BCTRJtO09vEkgsp7dbFBCoaUBSiAgqMEj36969D+BPxA8QeJvE3xF8O+IbyHUpfDepx2sV7HbiEyKxkGCq8f8ALPOaAPVtY1Kz0bTJby+mEFuhC78FiWPAUKOWYnGAOTk+lYvifx5oXgWGxm1y6lsobyQQw/6O8haQjhDsU4YnjHqK5fxFqUurfHzwroMhH2TTtFutdMeeGuC4giP/AAAFyD2LZHPNY3xKvL7xB8XvA2h2Fiurf2Ktx4lvbV5ljBYYihyWBBwzFhn0pAj03w7410XxVPd2um33m3lltNzazRvDNEG4XdG6hsZ/ixitzae4rxvUJrz4e6r4i+JnidYl1S+t7bRdP0WzuN42mQmNXlx8zs24lsEBQcirjfEHxHZ6Z4m1i4vbRtB07RpLkak1p5UH21TnyrcMQ0sQUbd7YyxXGeRQB6t948jntUCapZTatdaVHdQvqVpCk89qH+eNHOEYjHQnPftXknw/8eeONf8AF3gDT9TjsoBq2jzajqNn5JWVQqqEc85j3SuqqmDwuSQTgWNP8aeJJvh58QvFmnRQ6teWt9c2ulSR2YiaW1t2CM7DJL/N5pUEn7nPpVAetSeVDC0kxCxKrO0jnaoULnJPpgE/QCud1Tx9o2laf4fvw1xqdlrl3DaWMthF5qyvJ93njCkZOfQVwus+OdbsfhRfeIdM1q11UahcWdtoErWi7rjzisflyICAH3s+RjgJjpW3qlo2s/GTwd4fTY9t4b05tXmWNQqee+La3IReE6yvt6ACpEd5DrGn3GqahpsF5DNqFgiNcWqE74w4PlkjHVsVfkXBwOg4z614PefErxFY/B3xX4xttQgfUbjWGsNFmXTwXuIVmEEIKDBcsfMIJz0wK6Lw9488QWnjnXoPEs9vBouk6Hb3l1bwW+WtLiRztjZ1yXcxqWKgDBOB60DPTdS1C20XS7zULuQxWlnC007qpdlQckhRkk47e9cIvx58PG6mszp/iD7dDa/bJLUaTLvWHOPM5AwvDckdq6Tw34r0P4jWd0mnrJqFpGyJLHeWkkK7iQyjDgZBx2HtXIfCnHi7xV8SPF7fPa6lqTaJZZ4DWdqmxsf7DOzHFAHceDPGWmeOtFh1XSZXe3kK745omilgyFbDo3IyrAg9wc1v7flzn/63tXlenf8AEh/aLu9LsYlhsNS8KxXkkCcKrwTmKNgPXYwX6KPQV6g8gB4HFUApGOKVFz1pm7OKlGBUiDys8jpTlUU0N82O1PWgY9aY3LZpd2AKXA9KAG0zvU2B6VGyhcnFACgDFG2lDDpS0ANX5SacGI4FFM3YaqETqCw55NNx2NPjYUjkZqRjcHtTOakU5prcVQhuemac5G2kdehoI+XmpAh78UuaXaaVYz1zxQAqdOtOb7vrUbKVb2p3TGKAI2456VBNcpD94n1zVpvmXJ5qrdQia0dQvJXH60CFS8DqpVdwPT1pZrnasZQMcnByKotDItxbONwEa4OKtFmkVOvDUDJo7tPMVdx3HsQatJcBfMXqMc1V2hpUZvvDvSNkNNjncOKALAmHlqeeeKbJdLlRgg9+KqTFvJiPJO4E1NcMQQyn5e9NAPkuA0blTjaKdDIJEXnBIqow3rJw3zUq/wDLNQCNtAFprhVUqeSKfHPHwCcCq0bCNpARnJyPpSzRhtpA+lMCeSZTGGU4+bFM85lueQzDHFVJlYxoCGXD9qtKzLMThvu0wLf2hYwHYMFx+tBuopG+UnPvVWRvNjGVbHXFCgs5+TCjvQMvRzYPXJpk0gkAbtVJnH2iMANhR2qxvHpxQBMsuDgcCkmmC9sioPM3TjA+XvRcSbVwOc0AJHJulbngUrXS9OlVVJj3ZGSe9Oj+Zh8vFBROsyDPPIprXayfKh+Y1C6/vJOwxTLbKleKAJFUGN2zgimxzc4I4p3GCAODTZFJIxVEhcMEjBJ5qtJeIpILcgZqedS0eKy5rc/aEypIcbD/AI0FD2vlZxjuOtU5swSB0csCeRVmGFfLKlWUqdu6qkkbNFOFJBA+UkVIEjX/AMyqQc98CmzXKquQM1HHtaBWb5XIqC4EkcKsFyN3KgZNUBbWQtGxBGQMknoB7+lU5LyBhuE0eP8AfU/1rzb4q30vibVNG8A2UkkUmpn7ZqckTEPFZRseOOhZuPXiuX8ZfCTwR4XW18j4cap4kknBLyadcyP5X++DKDk9fxqgPY7i+tzyZowPeRf8arvqFt/z8REgbtqyKSR04GeTXz1N4N8Mebtj+CPiNlDd5DyPxmrp9H+B3g3xj4buv+KKuvBupy+ZDC9zMwuLdv4JRhyMA4POen4UAesyXiq+w5BHBypU/iDVea5+X5elcb8N/EV54g8PyW2qJ5fiDR5Tp+pw9Csqfdc+zrg8cc117RhVYYzyf50FlWWby2DD7vekF4rEcYps0ZMTA9c8VF9nM2EUc+tAD5ZwG+bhaiaZGjBHKnpT5oyzbSOnFV5oSsYVeKQDGc84GRVDzPmbdVmWR1xgZqrLCW56GkBF5w37cc1FPLtB709Y/m5PNQyRlmPPFAFf7RubOKXzjTmhC9qbtoKPpeXI6V81fHaa8/4aa+Eg0+JLu+hjmljtppRGjncx2lv4chG6jHSvpR85zXJ+JPCPhSXWovFGtWlvHqFlGPL1O4uZIfs6A8YIbABORgDkk5BqSTzH4f8AwDjmTxpf+PNPt7m58U6it5JpMM7GO3RHLRguCMtuc9P7tdJrXwuttH8MxeHfBuh6fZaHfaglxrEMl2YjLCpQmNd2SWcKVOCBge5rv9PvbfWLZLm0czQScqWUgHBIzg/jz+NO1HULbSbN7m9m+z2ykIZOrFjjCqOrMTjAHvQSeB/GT9nm88Qa54b1bwNaWmlavpcwlkvLu8kONrBkXkNzuU9OOfetbxt8O/FPi74teB/F0dtp8MWgQMbi3a6YeY7lt6p8vABNesa9rlj4f0e41XVLyOysLdPMmuJuihsYx79tvWrMjL5YZCGQhWU9QR1U8/WpuxHzFN+zn41fwH8QNA8zSUuPFGqJqAl+0tiACQuUb5eeT+grstW+DfiTUvEnwt1NJNNWPwjbItxC9wwa5YBASPlwQFi4z3NevXFzFZ2txczypDBbxtLLNIcBEUZYk+mKdaX1tqlja3lrKtzaXMayxSp0dGGQfyNF2B4PqH7PvijVL74qypd6SYvGexYd00mbRVmDKX+TltoGcVp/8KG1aOx+GN9FeWf/AAkngtEt9rO/2W7iBUspfG5WxyPl717azEtkAEkkcg96nhi3uq5+YkBc8c5PfsKLsD5/uv2cL2bwB470ubULYeIvF9+t7dXC7jb2m2fzBGuQCxA3duSw7Vr6H8F9QuPFHgXVfEl7Yy2vgux+zafDYsx+0SjaFmkLDCLhRgZzkduleo6VrNt4jt7iezWdI4J5LVzLGY23RkgsAeq5z8w68VacFZN23axOflHekSeR+A/gp4k+G/ibxJFoniHT4/Ces3hvZoZIC13BubLBBkrkj5fmyMAHANUtY+BOuar41+IGuR6rp0UfinTW0sW7iRmhUoiKzNjBIEecDjJr2zY6IueBjBZhn/P+Nc54l+IGl+FZntrq2v7+6t7YXk8On25neC33FPMcZ4HHA6naaAPJda/Z08Qa18K/CvgZ/EthHpekzGe6CwyD7cfN3IhOQcLufr3OfStzx58FPEPxJ8BXXh+81/TdOt5bm0khS1t5BDaQW6sEjVc5ZizDOc4AGOgr2FJoruGKaNlkgmUSK+CoZWGQQPoR16VPGpJH3mwSeAflGOufXmgDyofB7VI/jB4e8e3WtadjRdOWwa0SBwGjWNlZ9xOByzEdsAV4P8Ffhrf/ABU+GvjHw5Hr1rp2hXniNmvIGti8/lqUYNG24AZKhdxGOK+uLjVo31t9IOn3kivYtdtdLbbrdlDbfLJzyxz933rmvDfj7w7feGzrdjp7aXpJvZbCWf7KsPlGNtpMqgZCA8Z7EgngGncDn/FXwLabxloPifwdr/8Awj+r6TZLpgWeP7THLbKCoBA6kAkdf5VL4y+DuoeNfEXgjUZfEvz+Grw3++eDdJdTGRXIwGAVcKqj0GMV6kqiQbN3mg9ADuGOwI/yPTinRxHdj5jj+BTx+IxSA8g0v4A3en2XxHgPiVJ/+E2dmncWJH2YsXJKr5nPEjDn1z6VJa/Aq/h8CaT4WXxHbXWnWNjPYNBe2BlSeN3DI4j38SR/Ngg969Z53lduWxnAPI/Tio5L6Kzi8y5ljt0LoiGRsLvZgFB46kkADrzTuB5O37OUdncfDsWGvtDaeCxm3Wa0D/aH3b3ZyHGA208dgcUh/Z1uFk+ITr4lBPjYbb0/YMCEZY/IN/IwxHP+FevF3yQQ2B1yCSB6HipVYzruADgHk9fwHFFwPFJv2b1vNF8A6U3iRo4PB87TWTrZgGdjKjhXG/gAJj8a6r4c/CX/AIQDxX4u1pdaa/bxNObqeA2wjWKTc7Dad3IAkI/Gu/ZdqnCsvJyOR6HHt+NZ9tq8z65c2D6dPHaxWqTpqTFfKkZmIaIYIIYDB/GkBzPi7R20zx14f8bxRtLa2NrPpupLGu5ltZSGWXIPCo6/N14LHtS6D8O7vRfHmreKbrXP7Rl1W2jtpLY2gRUhTJjEbFunOeeTnntXcnMfz4xtP38Yw2e/X0H5Usa7lwqkqOep/wAmgDmfH3gOH4ieHYLB799Nu7W7ivbG+jCt5M8ZJD4bgjBwQPp0qDWvhvJ4s8O3Ol65r15qRvpYWu5RCkMckMUgfyVjBKqrYbPc59MAdesjM21Dlmx908k5x1PpXC658YtN8O61Fa3mj6t/ZE17HYHX/s3+iLcMwUKcnJG7au7pkn0oA2LjwVE3xEufF0eo3ULyaWumJZKoEUcal23Z6ty4yvQkDIOBXN+Hfg3c+CdF0LT9N8T3qzaYLgh76BZI5/NXkGPcvyD5yCOSzE16RujjyZPkK/M3PIUZLDpk8DoDzgYriNJ+LlpqHjCw0CbQtX0kanHJPpt5eW4ji1BIwWYoM/KduWw3QEUAVrv4K6dJ4Z8PaBZ6te2FtpGpHUvPgC75pyzljtxhRulYgD7v4ZrYtPhzbWvjjXfEyapfGfVLSOyFuSPJt1SMorerNyTznlq6pmbnkbu7d8j09frXNePPH0fgG30aabSrrUU1HUYNPUwFVELSuqKW3HPUnoD0oAxPDvwS0vQ/DXhbR3v77ULbQ72PUY0uNuJ5UVtikDoqM2/AwdwJ610ug+CbbQfFvifxFBeXdxc69IkkkDkLFFtRUXAHXAQYzyM4rQTUbiTXr+wbTporSGGOaHUmdNlw7btyoAcgr/PP0rQ+cMSFxzkZzj6GgBmp291qVjLDHqE1lMwwLpFDlM9SAwIz9RXN/D/wDB8M/C9voFpqFxqFnA8ksT3UY3ruJdslcZySffgV1LMykdVJOAM4z+GOajZRJgcbFPzNkKB7kkexyeoBoA4rwno82pePNZ8Z3UckIubSLStNimXa4tUYs0jDsZJGJA9FFduG3KD1zzXP3viKSbR9L1TQ7M+IIL+aFQ0MyxqkLnmfLdUUA8AA9Kj0/wAbLffEbWfCh02e3bTtPi1H7ZI6lJ0kcqNoHQZFAHTB+RVhfmrB8Ua+nhXQbnU5LO41CSMokVlZ7TNPIzYVFyepzn8K53wv8WZ9d8ZWvhy88F6/4fuLm1mvFk1MQqoiiK5PyuTkl1Xp1NAjv+B9aXcfWmqpfGByxwOvX/Cn+Wy5xG8jLn92pAZzj7q+5PrQADmpRnsOK5X4beOE+InhmTVl06TTHjvbmye1llDsjQuUOSBjJIzj2rqiGUgYJP8AD/tduv60AIzEUrYZcY5pNvIUnk9GY4z/APXpC3bp6j+lUAm3a1PK1z3jrxrp/wAP/Ct/r+pbmt7RMrBEMyXDYJ8tPVjj8BkngVq6HrEeuaFpupxoY4761hukjY5KiRA4H60MCyc00Ddz3qvcapaw6hb2ElxGl7cRSTQ25bDOiFQ7e2N69euT3qvot5qGoSalHe6W2m/Z7x7e2JlD/aoQAVmUY4ySeD6UrMDUjfn0pzgc0mzCkgZwcH5v5cVJt46ZHf8A2R6mmAkajbmo5Cc57VKuMgLjr3569/pXLaR4+s9c8ba54YWxvLS80e3hupZrtBGkqyMyjbz0+XNMDpg24VG5PANJG20gFlyBzk5B9TxSyKV5ZWA+9/wEd/brSAWjd0pGV920ISc9gefpUfmbs8YOcdyf85qQJnxtAFMbtXLt48jX4k2/g99NuIpp9Ol1CO9Z1McgRkBVQMkYLEHIHINauv6tdaXo1ze2Wlz61dQoHjsbVlDy/MuRu6YALe/y0Aay8LTduR707buU7CeDjkc/Q/7VZN1rFzZ6zZWaaXc3VpPFNJLqETp5Vsy7QqOCQctk4x3qgNFlPIohUA8iuc8A+Prf4iadqV3baddaa9hqE2my295gv5kQUtwvT7wHXtTZvHMNr8RrLwjNYXST3llNew3zbBAwj25H3t3GSOVqQOqfg0oXuaMFl3uCO44OPx4pkcnmZwePagCNyDkAUdV21IEDZOKYrBWJYZoATG09OKNu3D468VIrbhQrDkUAKuF7DOMU9Vzg00KDSfdzigY6b060keVx9MVHvz1p4kGPegB59+lJkFSaVW3LiomyvTp6VQEvHp2oPIxTFYmnAj8aYAvy54pOPSnZprdaAGtzj2oXpSM2GxincYxQAcegpONx4peOabVFDGXvSLjP/wBalY+oJXOPl69ua8m8J+Jtbk+LHjrQdS11rix0c2xs4XiihYrKm9ssFG7bnAx+NBJ6qx7ZqNlGOuPwryv4YeJNc1jx/wCPdN1HW21Ky0S8W2tkEEQyroHUsyKCSASOODitr4x3+uaX8P8AUdV8OasdP1Oy8tokaOOWKfdIqbH3KSOT2I61RR2f3icZOOyjn8apzsG/2TXlbfFSfxp8KfEOp2s03hzxZocJ+36eFUvbToeQyuDmNuSrfSuuv/Fmj+FbKxTXvEFpZzTRblkvpkjeb/aAGAPpUWA3vJ285zUF/qEOl2FzfXcnlWdnE080mcBUUEk/XANcz/wt7wRCCZfFekqP+vpT/KuH+IHjTS/ivdaP4I8M6tb6jBqU3n6pc2r5EVrGQSn1Y/px61YF/wCEdhceIJtV8c6imy915la2jbrDaL/qlHplcMfUnmvR2UjBJ3emecZ649KlhtI7O3jjgh8mBF2xqF2hRjAX8qY3I5/SkBHJMWXOcn35qrkdxnmpZP1qHHzc0AeZfEL/AIoHxppnjiP/AJBd5s0nXF5woJxBcN67WwpPoRmu8kbbwOVH3T6jsfypmvaXa+ItGvtJv4/NsL2JreZcZ+Vh1+oODx7V4/4T+Lth4Ksbnwr4rurga1oc7WTTw2slwtxGvMbbkUgHYVznvmmM9cnAbtzSQptU7fvdhn+mOa89uPj54RXcVk1SUgdE0qc9+v3ag+IHi2e/vPBehWFxNa2viG4keeeMtHJ5MaBmQdCMgj0NBR6JJGzdFzzg9OD6dcfh1qpcZj2j7vbc7AD/APXXB+JvhlYWtlPeaXLcWsENhcpNb/aZSsp8sssoG75XUjO4Yzu5zXlWoa/pF/8AA7w+ryXJ1eOWxZmZJQXZpEWQmTBBySep78YoA+g3zyCpB96rspbqa5Txd4j1LSr7SdF8Oz6GNTnG02uqXDRE8DG3A+b7rccHmtTw3Jrcmmg6/HYpfmQ82Ds0W38eaANJ41XnHNQSIFXNWZPmQcVWY5zSAh+9Rtp+QKbvpFH0iy7lrwvxpea74y+OL6Lp8FncaZ4U0+PUDbajIY7ea7m4RnHO/au3bnjJr3Jj8ori9W8C3a+NpfFGhX0Wnalc2P2C9FxEZI5owSY3wCDuUnjtxzUmZheHfjtoGpeD7LWvEN1D4duZLmexkgu5c/voG2yBWHUZK9aor4nt/G3xy0a0s5RdaRpPh461EVPySzzS+XG/1VRx6ZrtPDXgXS/C/h620mCGO6WF5JZJ7iJWaWWRi8rnI4LMSfyrnNY0H/hG/ihYeK44tmm3WlnRb5olyIcSCSByo/hyCpx0yKBHk37Q/wAQNA8V+GfFVm+sQxjSXNnYWDSYe6vPMRJZ2HooJVQe5J9K9b1L4teEdGsdOa51uFYLu1SW3kjDMGj5TcCAcncrfXb71Z+IXw307x14Zv8ARnhtdNmuXR3vIbVBIuyRXPIGcsVwT1rpJLGyaRSbOERJ92NYlVUTkhMY4AyeBUAec/F7XLBtN0zw9dSyR22syF754EZ2Sxj5fgDI8xiseT/eOMEVmfsy60ZvC+q+FJiTdeGtQe1i8xTue1kJeBmXggffX/gIrudD8MahY+K9a1y51Rb7+0II4FhWAqLeNGJCBj1BJLH1J5zgVlD4a3dr8Tr/AMbWeviCe7tVs5bP7KGjeNfusxyCSp6H8KAPMr74hePbT4b614tfWbBf7H16SxFn9iwLhFnSLDNnKjJPKgn3rvdF17xRpvxgk8L6lqtrqUV7oj6nEy2wjW1kWYRFfvfMvzd8njPFU5fgbI/gC98KHxHI1reaodSmn+yAOXaXzSuN3Tdg/hXRQ+Bbr/hYUfiuTWne+j09tMSL7KvlBCdxb733t3NUB5pdfErxjL8G/wC3o9Wtl1T/AISZ9LSd7QMhjN2IQoG7hcZOevvW9eeOtc+HnjLxvaa1qA16z0vQF1yMJbiIo/mOmwbf4CVxkkmtCH4Covgi28MDxJdPZQ6n/a5f7MokaXzDJg/Nyu410Mvwrt9Q8W6xr+pX02pf2rpy6Zd2RtgkbQDkAHJ53En8akTOPvvFHiLwjpfgHxDLqbatFrt7aWuoae0KiNVuUyrREAEFTxyTnGe9VNJtpdF+NXxO1WfVr26h0jS7S4kg2xkzRiOZzE2FGFGMAjnJPNdnoXwni0eHQ7e71a51jTdCl87S7K6RQkTqMRlmxlygJAHTj15q7p/w1i07xhrmuyapd38utokF5Z3EaiJ4kVlRfUABj35zk0EnCeC774g65deDvESSeXpepqsuprc3EK26RyplPIUYbKk4255ArkG8YeM7f4c674rn8WTTS6R4lNlHaraxhJoluY4mDfLkZDHocj6ivWPB/wAEdP8AA9xH9m1nVLnTbVzJZaTcOPs9o/ZwOrbc8A5A9Krt8CtPk8I3/huTXdUbT77UX1OZtqeY0zOJDg44BcBqBlqLVNWh/aDfRXvzLpH/AAj41COz2rtSb7SqA5AyT8ueT3rB+C+njVvhD4ghmVWgu9T1pZAwzuVppFYe4/wrrLX4ewQ+NP8AhKpNYvjqg04acy4jEflDBHAXrvBbPqfTisuz8FSeB/AeoeGPDtxeX17qjTrbyXe3bbvMD50zMBgINzPjrkAdKAPOfBPibV/EHw8+Gtu2r3fm3GmTiWx004vLoxyeXHIW/hRFGSx4JIHNaFr498Waj8HfAviCaO+1W2b7Q2trpTKt48aF0RlGOQDtLbcdB6mu8k+B/h6OTQBa3N/ZHRtO/slHspvLN1b5yUk7jJG761DpHwX0rw7Y6dZaRqmracNPkneCQTq5Cy43x4YEbQAO3b3NAHGDx1ea7H4G8P6FrE2tW2q2l7fS3zXC209wkcu1ISxHyOu7DDGcrxxWR4y0XxDJ4f8ABWmeJtcaW8Txnb2y/YbkM6QyHdGsvGGlQD73QccV6dqXwO8MavoOk6Sgu7H+ynee01C0l8u6SRyS7buhDkkkdOenFT6p8I9C1DwzbaK8t8I7W8j1CO6W6LXRukJPnGQ/xYJGe34UAeY/GjxNq+h2fjC80jW9Ru7nQbW0MP2WQeXY4Vd5uD0kkk3A7eeOwOa6vVLPVfEHx2h0JfEmo6fo1x4XW9mgtHVRuMyx5U4+U8k85PXmtPUvgP4U1yXWHuTqEcGqxRpc28V84iZkUKkp4yZMAckkE1rWvwp0rStdg1m21HVotQi01dKjdrkMfs4O7jKHktliT3J7cVQjxXRde8SR/C/wj4tuPE+o3OoR+JI9K8hioiltvtZgKsoH7xiozu616LNd6lJ8YPiPpS6rerZweHYLm2hEi/6M7GXLINuOiDlsnqM8CtaH4I6Avhmy8PLdar/Zdlff2jDD9pA23G8uGJ2c/MS341q3Hwv02bXNZ1n7fqYv9YtVsbuRbgYeFQQEHycYyeeuSaAPI/A9/r+nab8Etdl8RahqV14kbyL6Cdw0LxPBLICqgDkFRz1NWV8Rat4o+E/i/wCICatfWGsaXfX0llAkhENtHbOFWJ484YMoGSecvXoi/B/RbO08NW6XmrGDw0d+nJ9oU+V8pXB4GRtJAz2qST4R6DdXmozA3UVlqk63V9pcMwFpcSAg5ZMZGSASBgHuKBken/Ey/nvtLtZfCGuzveW9pLLe28Ae2ieZIyxJyOELkH0INZX7Q0esaboWna9Zmyu9H0O/t7260q5ibfdETKi4boQGbcF7sBnNeqA4KsB93ouMfLjGB+Vcrp/w60yLU3uri+1O/i+0fak0++vTJbrLu3Bgh6gHBAOQCOB0qQOvZDGwVWIxg5B5x64/zivKPGkWueH/AIzeBtVupLO/0S+nm0i3t/IZJrJpIy7TAn73EWCey5rpb7wPJqXxKl11rm7trRtJfTplW4YpMzngogPyMnJ3DkkjnrV3wx8PdM8OS290l1qOqXNujJbS6re/aDCrYzt45JAxk5OCRnBNAGRN8Tr211DU4n8Ha7FFYJdS/wBoTwgWreSjkEsDkK5TAx/eWvJNdtDr3w3+Fvii91S6u9V1jxDpdzPm5P2ciSUt5YjztGwgAHGTtOa+lXUEBSgcAY2MOoxgj6e3SvNrf9nnwhDDbW3/ABM0sbe7F5bWK3zrFBIvIKgdBnnrwScUAZU95qP/AAsr4y2w1jUFgtvD1ne2yLN/x6yNFNI3l8YA+UAdzn6Vx2m6frMOh/BLUV8Xa1JqPicxWt/K1zvVoXtmmIVSMBsjaG6nnmvZ1+FGhzapr+otLqQudethb35F4dskYXaqDK8AA4GMd6T/AIU/4e+z+FrZZdUWLw02/TB9sP7g4IBPy9gSBnOBVAeSaj4v1b4b6D8XbCy1S6mg0vU9Ot7C61G4Mr2i3SRiRvMIbAXczcjit298G61oVv4pku9chXQL3w9dMmlx6jcTSNNFGXE6SMNwU5AIBHQetd+nwp8PCbxKZorrUV8QY/tOK9mEqT4GFOMDaQOhHTAqPwX8I/Dvgmzu7WwiurpLuBrWV766a4cW5G0wqSflX1A6981IHldnYtoPwd+Dcum3+oWZvtW0dLqOO6Zkk81VLqRn5RiMfIMAZYYru7WZtP8A2hfHF4trJdPa+E7F/s1uu53PnSNtUe5wOexFbEXwV8LjRNK0mNdQFppd19stV+3MzLMAFjfJPRACAOmO2a37HwFpNh4wvfFED3j6veRLBMz3GVaNfurs7AUAR+D/ABVf+KIb0X/hjVvDL25XA1BFxKW3ZZdp7FcZ/wBqsnw3MdY8beOPEjRtcxWJGi2UcI3MwtwZbgx9stO+3/tkK7lMoxYnJxjcBgj6ZrO0HQ7bw3pcenWayLbxySSgStuYu7s7MT3JLtzQI8u8e/GDXdP+GXiXUU8K6x4VuIIbeOK81JEIAllVGZMZAKBs/MMVe1SO5+H/AMVvh9Bol5dT6f4ge5tb+zup3mSXy4hIlwNxPQntgfMK9L1LR7TWtMutOv7eO6sbuIwzQyplXQ5yM/j19axfDfw50jw3LFPayXt1PbQNa2013cmZ7SI4ysWenAAycngDNUM8B+EeqtrniA+E9UnudH0pta1fUbGaGdov7TuFupFaEupG3ywclerH2FdH8UNWu/DXjfUbvXY9S/4RWe4s7az1nTrmRl0pkEZaK4jDAYYkksQSQ45r0CL4D+EI9KttMWHUDDb3zanbyLfMJobk53SJIBkE5ORnkkk81avPhToF9c3RuGv57a7limu7KS53RXEkYUIzLgdNi57HHOakRy1iW+KXij4qRX+o3lnLot7/AGdp62ty0ItkEPmLPgEBi0mT8wIAxR4H+LniS/8Ahh4S1W58I6x4l1G8sDNc3WnxoEYo5jBILDBZQG9OeOK7TW/hlomva5ea1I15ZahfxiG9eyuTAl5EOAso7nHGRg44ziupsrGDTbSC1toVt7WCNY4oUGFRQMAAewxVPYDwH4weLNVurLxg194P1x7G10i4tNOnWJTb27yW+ZriRs4DDcY88kBXAxk11fg/4haha/DXwdPaeC9e1IyadDC0MMKK8QiijUMQXGFfIwa9K17SrXxFo1/pN9G09jfWz2s8eeTG4IbB9SCfzp+n2Uel2dnZ26lILOFIIVY5KoqhVH5D86LgeOSaPBrn7SXhy+u7a8sLqfwob97WS5ZHSZblF2sFbGADjaOCw5Bqv4a8P6v428P/ABZ0WLW9Sj1G18QzRaZfNcMJInSFTGhIPQn5cdOc9a9S1zwDoviDxBpOvXiT/wBp6XG0UU0U7JlCQwV8H5gGAbnNYa6BZ/B/S9c1fRNN1fXZ9Qu0uL2zhmWWWWR2CtKo7AD+VMDm/hn4sT4oXHhe6t5Lqzg8O6OzaonnyFY70ny0hkBbLFPKmk5ySGTOc1zfg/Wr2Hx18L7yzv8AUdQsPEFxeQ3Or30pC6moieQOkBbCIpAxgDOR24r1X4d+FB4f0fU577T4bK/1y+n1TULNSAEaViBF0/hUKCfUGsiz/Z/8Gaf/AGZEIdQcaZctc2ayX0hFuCCpRcN8sfUYHOMUXA3tD8d3uueIDplx4N1vS4AZMaheRKIPlJGByeDjisHQk/4yK8ZPt4/4R3TWI9B5knf0AP616WsjNIG+8M7tueD/ALIrmbPwDptj4zuvFEd1ftql3GIJ1kmUxPGvKoVxwBUgMtPHdy3i6PR28Ja8IRdGE6w8ANrgZzIWzkr8p/OvHLHxRfWXijwDqOn6pqF/bal4kksLnVp5tttfo5kBiSEtgBNqjcAPu9ea+jVJLRuTuIO4hxwRjof/AK9eXL+zt4RWCytlOrJb2d8L20jOoOot2O7cqYzhTnJwc5Jp3A5fx5ol5rnjCLwl4e13WG166lbUdY1OO9cR6ZZtIWEewNt8xhhVGOgzVH4vavdWFv45uNH1bUL+50PSLea3WzuWWLSikZbdMwOJWfG7aQ3GOADk+i2fwg0zT7zVr6x1fXLS51WTzb2RLlSZHxjkmMnAHAA6CoNT+BPhLVri/lm/tJYtQtI7S9tYrxkhuBHGI42K7eWUDr0oA47xNp0/jL4tfD4TaleaY954SuJri508hJG3NCzANg7Ru5OPbB5rn9d1zxPpfwm+K+nSeIL6e88IamkNlqZx5k0LeWVjlPPK+ZyeuMV7BN8J9I/4kElnfanp9/odu1rb6hDchp/LbG5XLjBBYenYUmpfCfRdU8H3Xhh3urfTb2c3F89vIvnXTs25jISOcsFPHoBRoQtzhvi94j1LQdXi1DUF1c+EzpSRPe6NKfO065JkJnmjB+ZSNvXI+U1qTavfSfFj4ZJba3Nf6Tq2i3TSQxyDyJmjhjYS9MnduJ5PU10WpfC221JWP9talE9xpyaZeCNoytxEu774K/ew7DjHWnTfCrSTr3h7VbK/vtMbQbY2ljDbsvlRxFQrAggkkqFplnjngXxPJcePPEXgpr660G21DxdqN2NTt3Cm5dChNtGx4DtwxJ6jpzXo+vQ/Zfj/APDuHLSY0bUUJmJZiAYx365z39Kdcfs/aBd6fqNnc6hqUiX+pLq7zF4xLHdA5Z0YD5c/Lx7Vuz/DVZvFPh/xFNreoTalo0L20bOsZR1fAffherY7UgPP9N8Uax4u+D2q/EO31u6tNas3u7qC0jkBt0jgmKfZ3iI/uL9485J5r2Hw7rB17QtM1J4/Je8tYrhk5+UsgYjn3NcrN8HdLVdatLTUL600LWZfOvtGjK/Z5HJBchuqBu49zXdrsRUSNBHGowibcbV7D8BipAlUleM0jKCvSgyDPPWngjaGzQBFtK+9HCmn7s5qCTngcUDJWK4yDz6UwSEZBGDTN23tTl+bBqhCnO3JpqkU+Ri3Wo9oGMVIDll20bwx96rtkN14p2e4qhlokimeYQ3WmrISoyaRs9aYFreNtM3biajGe9OVlXrQAq85pCxzShhzTNw5NADt2BQrZzUXmA03fg8VQEjfvCVz6fh714JpGlaVrv7RXjebU9NW4tb62tRZz3Ns4iZ402ygNjjoPrivd9/f8Kd577dm5tmc7c8Z+lAHgvwz021t/iZ8TtMsYbrSdN1SSB7CSGJk3IkRWTy2IwMZ/I8VV13Tzoeh+PYNLnv7zw/dLbRWdvI7zn7QjKZ2jJySuR64yM9a961K3/tTT7mzmmmiinjaPfDJsZdwwdp7cccVyvg34b6Z4FmaTT9R1S4zF5AivbzzFUZBO0AcEkdetMDzL44fD2fxRpNx438FFY9dksZLe6tfLKjUbRhgqy/89E7Hrx1r06LRdP1vR9POo6fb3wSBCi3UKuUyBxyOD6++a6NmKseqt1z0P6VTk28889xQUYf/AAiPh9RtXQdMUD/p0j/wrh/id4Nj0e1sfF3hrTbe31vw9Ibp7e0iEZvbTGJoCFGCSvIz/dNepBdyjjiqzEpyByMnaf4sY4/In86CTyjT/Hjaf4+0y9+3yX3g7xrbJNYTTNuW1u0QExj0Dp0H95WFenbsr97nvXh+q+C4dO1nV/hs8ottJ1531nwvdglfsdyjbngB7FWO4D+6xr0T4b+Jr/xZ4Xt7jVbN7DWIHNtfQSIVHmpkMy+zEZ/GmUdK/wAp6ZNRNlmUDlicY/DI/MgipSx9MZGea5zx9rV5oHg/Vb7TraS71COLbbRRrk+Yx2hj7LuDUAebeJvHRj8V694kS4c6H4WtnsLaNXIS7vHPz8Dr821RXQ/Cvw3P4c8LK1827Vr9jd3rEcmVzlgfYZx+FcPpnhX7RrnhnwbERc2uhxrquruekt1J/q0b1Oct+I9q9s8sbcEZXGB647fpQAxcsSwYqT6HH+R7Vw3xK8E3niZdG1HRTHHr2h3pvLRZSFjmDKFeInsWA69K7lo9vfFRSKpHODxjkUFnCS6l4n1i1uUOhppA8h43t7i4RmmkdWXYpzwi5z71x8ngHxLdfBOy8I/ZrddQhNvGfMuh5e2KVHDAj1AxXsc33evGMYHAx9KqvIuOgx7jNIDzbxNq2lya7o2l6i9vY6oZob6eMHdIJQpSNQQOQS3r0Ars0XKg/j+lTXlrbXMqyy28Msq/dkeMFh6YOM00HGfSgCvJIehqFmqaRueKhk70gI26VFk08+lR1RR9L7dyiuUn8daY3jCfw1BBe3eqWqxSXDwWxeK3WUHYWfPGcGupkbaq4FeX+C2aT4z/ABQYE4WPS4h9fIZu3XrWZma03xf8Lw+KYfD0l5Ml7Ncm0inaBjbSTdo1k6Fsgj8K6uRlhZzO8cMSA+ZJKfkVQMsT7AA/ia8m+NF9quh6x4J1CXSLe68JadrFu8saS7bgXLtsifaRjapcn1ZsZyOK9U1Kxivop7OaPzoJg0bJyN69z+WOOvWpEcVoPxl8MeJNcttGtri7jvp0Zrb7bbtEt0EHOwt97rXUalqFvpmnz3l5cR29rbRtJLPKflVQOSfyP41yGsaSnjX4heHLqPD6b4RlkuJbpeFa4ePYlvGSMYXlm7D5R1zWD+0400Xwdv40Yhbi8sreYrkDymnUsc9xwR9DTA6nRfiJpeuXUdssd1b3clqbyCG7h2NcQ9N8Z7gEHPsVrOk+LVjHB4kkudM1Wzm8O20V1eW0sYMvlurMNuD6Jn8awPiAXh+PHwvFtuWSO21PzlUZxbCJR07ruKgDpxXP+LHaG6+PbjgR6Bagr1OfskvGR05/nUgez6VrA1zQ9O1SJWigvrWK7TeCGVXUMB9cEVfyBt6gZOD6fjjArw/wfqOt+D/EfwzsbjXZtQsNY0WQz2RjVY4xFbxunlYGc4ODnqc1D4b17x74z0fRPGOmXcdpBcXzTXK3N4n2RbQSFDCYtufMAAGc53E9qCT30dFyvPTOCRj64psl7bpcQQO6rc3G7yYQQXkCDLEcdh19BXgH2bxf4i/4WjMnjjULRPDupTJZxoke3dFbiUhztxtHSl8PXV/41+Jfwx1q7vL62u7/AMLzX00MMgVFkAiGFHbduJY+hxQB9Amby28whSmOGGce3OKWGTcflBVenC8dRz056n8q+dr7xhrFr4m8N6nbaveapHdeKxp819G23T3hLsDbxp1YqFxv9Qeak11dc1DVPjL5virV44fDyRSWUcUip5bG1aYBsDgA8cdc80AfQwkDEZG1sd+cGuC8a/Fy28HXF5HH4f1bXbewVX1C406IGK2yNxDZxkhSH46A1Us/ihf23hvw5O/hzWtevL3Sre9uLjTrcOiu6ZIOcfNkZPsa2PGsz3Wl3Hh+xSM6xrUDxLCwGIY3UJLPJ6BFYY/vEBR7AG5puqW2t6XYapYz+fZ3kC3EMycb0ZQQf1rEsvHYb4kXPhJtPki8rTV1IXZkGyQGQJjbj1J69cVlalqUnw/0fQ9E0Lw9q3iO0tbIW6PpqiQRrGNuGbI5OK8u+KHi698MfFyS8FvPZwXnhazgv7tgS2mQS3Tb5mA7qCB6Ag5oA+jnmbnB4UZbcT19fpURm3PtUZbGfl7jBOenfj868v8AG0cGlx+C9GstS1C9+2TTSx6fHdt5+pKIQdzzZ+RVzuOOMV5k+r61qHwV06ZtbvbW/tvF/wDZi3Nvc52QteCMKzHJcAA7T3AoA981j4gf2V8Q9B8LnTWkGqW9xcpfeYMKIlyyheueRz05rpvtG9SHy46kEE9P59e1eBeLPhzaQ/FfwFoUeq6yYJLbWJ5LlrzN3s2RsYxJj5RwOB6tWVD4k1fwzaXvhNtXuJtF/wCE1tdDi1OaQmeO1lQSSxiU+hKpuzn5uoqgPoHxBqjaJo9/fRWxvJLWBpvIWQI0mzJIBPHQdKpeC/Fw8ZeCtD8Q+R9lXU7WO58rOSikZxu/IV5bqkl14X+IXiTw7ZS3Emh3XhWbVJbW5laX7NOrGMMCxLAMM5BOMgkCsX9mrUo/FlroOn60bizvNE0ezOnaV5zJHdW7KGNycEB+flA6L3HSkI+jIeIw0n7vGOvQdyceo5ri/GnxA1LwT4H8T6/daAxOkSyGK3W5X9/AuFSUtjuT93rxXnng/WbzS/iRpln4gW+E+qaheTaRrlrO8lrqaSrJtidQ22NkQ9Mfw1halNPN+zr8Zo7q8uLtINa1G2ia6mMvyK0KKNx6BcfhkUhn0AuqalNqWipaaV9p0+8t3muboSgCB/LVkQL/ABFiSOOmKy/hz48l8eaBfai9idOa21K60/7O0nmEmFlUkkcZJJ47YxXJ3cl3a/Hf4eWwubrybrRLwzWZkIiJVIgjFM4yDnJ9uK80+FOsJrPiq48N6rJc6XpFxr+sXtjNDI0X9o3K3LZiLKRt2L8xX+LOB0oEfUdvMJeNpLZyo6g+31p2S2RjK5PKrnjv+PtXOeOb2LRPAOvXjX50OCGzlUXojLtASu3cBn5nGVwPXqa8i8GX2qaX8QdW0y3uZ9Fs5/CC3kf2+6M7JOJCiXMm5j5bbdxKj0HWgZ9AyfJt3Agqcjbx09D2OfyrF0/xFPHo2lXGuWq6BqF5OloLAzBwszyFVQMODwM+w4rxz4T3k39tah4e1631TRvEUWgusoW+ea31GLfHm5hkJ4fIPH+0K56xsP8AhJPhv8ALjU7m6u573XI0lmkuZFZ0YzsSTu6kqPm6jHBFUB9PmQMB0II447VLGoK4x2xVOGNY4YxHxEEAQbt3y44578VZjYmpAn9O9SMo/Pg+9Qq3FLuLGgCZowy4xkds05VPfnByM/TFQLNtwKsRyhlHrQAir2OTgY5OacGZv4m/OgjqRTUcjrVAObIbB5wc0pXilChucUvtUgMU7eQMHGMjrS+Z2NOK4GajaPPIHWqAl3Fu/BpjZ3delCg8CnbRzmpAI/l6HaM5OOKkZvxquxp3I69KBD27e3SkQD0o7Uqj0oGG48c9OlIvy9Kft+WmAdRQAFdwzk+/NMbPY4z6cUppVx0JoEKpKkk85OeeaXPT09O35UpwfpURagCYH5euBnJFRM69sbaTI2nJ7YqB1Xy+Dx2oAlaVdwGVJPr6VDcStHJGQQQ3GSc1HJGi4bPIGBTZDuhjOf4vSgCw0wk43L0xt+lV5JmjjkLHIU5BB9etVvJSO7iAzvYnAycVGq+XFdjd82SOT7UEmojO0cZz94gmlkkOxjuyQDyTzVC4LbdP/iRj8xB/2eP1pyjcsglJyvFAFyO4LIC3Und+NSmTp24wDnms9Yg7IwfaoHSmyE/KMnG7rQUaccigjOARSMy8sDkdz6VU27mYE8VEcIyYY4zz9KALUMhkV2cYC96kjYsuQeKz44y0cqmQrl+PcUpkMbmPcSMUAamQvA6n3qJmXdnNVz/BsJ6U3yS0TMGIINAFsyAuBSs20ZqsR5bqc54p8jnyvSqGSLKGzk02OQSlthB29aijVSPmztxzioPJjWLCsR83rUiJ2xnnn8aQMF4DcVTnbbK6qSRsqNQY7dDn5u5/GqA1VYMOtL5nyk9qy59ytFhjhjzzSmRlV8dc8c0hmwrbh1xUMw75qKAkxjcecU2T7pO7mmA5rpo8KFLcU+OTzBkcVnux+0EZI+WnWMpWMjrTAtzMVVmXoBUcdx5iBs4qG9kbyWEXMhH3az23BIlyeuDQBsLNu9MfWpN2f/11jxoGZsMcD3qXzjDCCDktVFGjLIFjZh16Uzziy5Zmwfc1Qa5JjwPxFLJcCTCngUAWiqnO0gfSqMzBbgD1psNy3mSIF+VejVDM+ZkPf1oAtb17HFQMqHGW+aodx2khuc1AyFmcnOcZoA5r4q+CZPGnhOS20+UQ65ZSLf6XNkZS5TkDnoHGVI6HvXK2vxwvDaoNR8C+J4r4KBcJDZh08wDDbTnkZzg+lenGRlhG4kjA4PT16fjULsWjHzdKoDzCX40XLAGDwB4qkyerWij+tQzfGHWhJmP4d+ItgXo8SqO/X5uQen4V6arlmJPNVZE3XIcjkAgHHqMUgOI+Ffh+80bS7nUtZTGt6rOby84GY2Y8J/wFcLjoMcV2dw3ykpxg0ki7XbBIHpVdpCqkdRQA55h5fzHmqfnYDZOR2qWZg0Qx1qjt3KQTzQWPkmGSB0qszjnJp0kbLyDVKRXkkA/OkA+Ruo7VC0iqCCKWT5SVzyKryMdvqaAGebyOKryTGpQG5J/Cq0kRLEmgAMjelJuPpTStMwfWqA+nNx6f57V5z8OrXz/iZ8W5d20re6cvA5wLXA57df0oorMkvQfDKZre3m1/xFfeI7a1lW7htLiOONPNU5Vn2r82D0HA4HcZq3qPhe7ur3U7+HXr60/tS3Szjgj27LQjJMsYI++cnr60UVBBzfhv4Gt4Vm0+Q+Ltav7DTpBcLp87oIpSpJAcgZI3YY5PJHOa1dS+H9tqGl+INN1O9udTsdemaR4rhs/ZgyLhYz2AwCO9FFBRT8P+C4tD1CTV7u9uNY1cWy2UV3c7QYYAQdihQAMkZJ6muV0vwhD428T/ABa0i4uZraDUH0+CaSDAcobblcn1/OiigDpIvhNZx6r4c1NtUvpZPDcLWlrG5Ta0bKFIfC8naAM+1VNB+B+haFrk1/a3WojT3uheHRWuM2fnM2dxTHI3fNt6Z7UUUAc38P8A4ejxtqnxOFzq97a2U/iO4t7qztyAlwgjXgkjcMjg4Iru9T+GOjeIPEmmaoRPZS6PbtBDHay7EaHcD5ZA/hyo6dcelFFAHNXP7Pvha1S3g83VmhhuhqNrGt8yrbSFyxVABwpLH3561st8JdFaTxAgudUCeJWLagPtKkuACgUHZwAvHFFFBJ1Og6RD4a0qz022luJbW0UQx/aJN7BRwOcDoOPoMVzGvfA3w5rmuXesXdzrA1C5UCR4NQeJSo6JtH8I546ZJPc0UUAdV4c0iy0PR7LTbCJ4rS2QrGJJDI/UkkseSScnJ55rA1T4W6HqWs3+s3QuZrzUrNrC4zMdjQHIMe3pg5J+pzRRQBnzfA/wu2m6bZFL7y9JLPZuL2QSRI6gPEHB3bGHUZqG3+BfhBdJbTorKeC0kvTqBjiuXUCYDcGHPGCTgCiigDa1bwLpXi660y4vftS6jZo32a/huGSaMMAHG4dQ2Oc0t18PPD114XPh+bTw+lSOZGjLnzDJuyZPMPzb8jO7OaKKAIovhrokNne2RW7mbUUEF1dTXLPPJEAQI955C4J4GPz5qpb/AAa8M2dxosltBdW8miwtb2LrcvuhiJBKZzyvA4OelFFAEul/DXRPD95aXVutzJ9mkka1hnnaSO2kfO90U8AnJ+meMVVl+C/hdvDupaIbe6OmanN9ou7c3chEsmcljznkjJ9ePSiigC+Ph5o11r2n6tKt0+pafbm1trg3T7o4yMFeuDkeue3pWdN8DvCh02Cy+zXQhjvW1GPF3JuS4OcyBs5B+Y9+9FFAHX6voFh4h0G70jUIPtWn3dt9mnikJPmL7nv61ydr8FPB+m3H2tdNlluhaNpxmlupHZonUgglmOcA4Hp2xRRQBtaf8L9F0QlI2vLieWz+wx3Nxcs8sEGclI2PK5Izkc+9QR/BnwunhfTvDX2SZtK0+T7baR/aHDQupIwrAg45J69zRRQB1ccaRxokaBEVQqqOwA4FSRqOaKKAFpyr70UVQDSvzVIn3qKKAJ1ank9KKKYEi/dFG35s0UVADWzmnD7oooqgFxjmmMaKKAG7Rup+3dRRUgGAvGKcnPGKKKAHtxxTG70UUAR4FGOTRRVAKeppu3FFFAD41DZyMimtGoBUDAoooAgaNZMAjpQ0I4HpzRRQBHJGpwSMnPWgWsbZUrkN1ooqRDWiXygmPlXoPpSMgkXLDJPWiigB/koVxineWu0DHA5FFFAxdvFMWJRziiiqATylHakWJVYkDmiiswJ44lwDjmpooFKkdAetFFUZ3IZoV359OlJtDjBGRRRVFifZ1Ze4/Gmvbr0PPeiipGUJY8Xp9CuDSCFVbI/LNFFAExRZNuR93pVbb8zZ5xRRVAW7f5owTTWj+brRRTAHhXcT3xio4VEfA6UUVQErRhvxGKga3Q4BFFFSBXSMRs4FRqgLfTpRRVFDgo28d6ay7lxmiigkWKMRpxUcihjkjmiipKIfJUMeP1p7KOfcYoorQCKSJXjwRVK4hCoOc0UUwK6n5cjijaGwTyaKKAGSKPSqUyjpjiiigEQyRLt6YqvtC54oooLGSAelU5MZyOtFFAFORQZM+tRsoC560UUAQtg1BL3oooAhZenNR0UUAf/Z)

**Химия и номенклатура пенициллина**

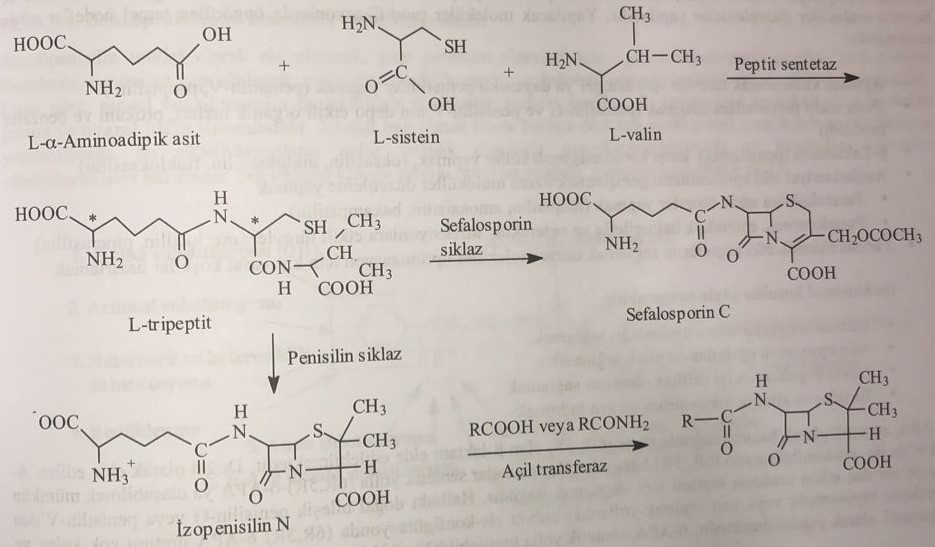
Основная структура бензилпенициллина представляет собой 6-амино-3,3-диметил-4-тиа-1-азобицикло[3.2.0]гептан-2-карбоновую кислоту, которая называется 6-аминопенициланской кислотой. Таким образом, путем добавления суффиксов пенициллин-6-амина пенициллин-6-амин к кольцевой системе, кольцевая система была названа пенам. Основными кольцевыми системами пенициллинов являются:



Асимметричный атом углерода в шестом положении 6-аминопеницилановой кислоты находится в R-конфигурации. Таким образом, во всех пенициллинах асимметрический атом углерода в шестом положении должен находиться в R-конфигурации. При этом атомы углерода во втором и пятом положениях асимметричны, их конфигурации S и R соответственно. В природном бензилпенициллине валентный угол тиазольного кольца, замещенного азетидиновым кольцом, следующий:

**Биосинтез пенициллина**

L-α-аминоадипиновая кислота конденсируется с L-цистеином и ферментом L-валинпептидсинтетазой с образованием трипептида. Из этого трипептида с помощью пенициллинциклазы образуются пенициллины, а с цефалоспоринциклазой – цефалоспорин-С. На заключительном этапе образуется бензилпенициллин, а в присутствии фенилуксусной кислоты образуются другие биосинтетические пенициллины.



**Молекулярная стабильность пенициллинов**

Пенициллин является стабильным соединением в нейтральной среде. В других средах подвергается гидролизу под действием кислоты и щелочи. Продукты деградации, образуемые пенициллиназой и пенициллинамидазой, которые действуют особенно в физиологических условиях, проявляют сходные свойства с продуктами деградации, образующимися при действии кислот и щелочей. Продуктами разложения являются 6-аминопеницилановая кислота, пенициллановая кислота и пениловая кислота. Особенно при пероральном применении он легко распадается на неактивную форму. В 1950-х и 1960-х годах были получены синтетические антибиотики, содержащие кислотоустойчивые производные β-лактамов.

![Diagram

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4SO+RXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjA2OjM5AAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAM4OAAAkpIAAgAAAAM4OAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NTowMQAyMDIzOjAyOjI2IDIzOjU1OjAxAAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAEhEAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAeAEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A2DeWozm4i46/OOKQ39uG27s5OBt5yfSszchbVYFhhmBGyTkljjC5AJ/Mik/tiBtvkhnHmbG9uD/n05pgXLWY3MIkMTxg9A/WrSrQBKq+1SBaQD8c0YoAMU7HFMAxRSGLig8CmA4LxmkGCcUgHbeaGGBQA3nPIp22gBpWqrXUa3YtiG8wruHoRQMJW8tS7kBR1OelY00F8Y/km/ec5O84bnjA7cUAXoy7xAyLtbnj+VMegCu/Aqs5HNAFdqiNMDYbSrZ1wUI68gnPOAf0GKmFhbg/6lD06r6UEkgtoQABEgA6YUcU9YlU5CgE9SBQA8LUypQBKAKXFICOGeO5i8yJtyE4BqC7R5ikccgBRg7qcgMuCMEjpzz+FMCC2tHhvmkW7Dhvvx+iguR/6EPyrToAQHnpxTLq4W1tmlCNIw6Ig5Y+goAqNq6MrNb280wC7gUUHdzjjBplpfX1xLGk1iYhn53OQOnbPvQFzTklSNcu6qvqTilO1ULMQABknPSkMqWl8tzHv2SoQxUoVJK/XHTIwefWqzXuoGPdHb/MVchSh4YH5VJ9/XoMUCIml1p0ISMBtpwRjBODjg9DnArQnubmJQVt42G4KC0u3qceh9aBjWkvcorJbxhzt3By+OD2wKV7SMkF9zPjHmdG/MUAUzHPJdurThlhwUDx569zgjmqdzYXE3KTYIkZt4cgsCDxjpwSPyoAt23meTiUAMDgYPalYUDKsnWoJQCKAKjDmmNTA6UdcU/bQSLil280gI7mb7LAZNhY7lXA9yB/WqyapJILcpbswkKh8c7MkdfbBpgXGvQJVjWCZ3YFgAoHAxnqR6inLLNLN5fl+SFAZixBJyTwMcdjQA2W2FtbySWzGNlBcjqGOO+aiaFYbcfaLtVLEMSygBiPmJPrwD+H0oAWDSkhmEscrj5s4HAxnOMdqvngigRm3p1h76EWZtEtAw8xn3GQjvgdKtCK4dMGcDnqkYz+uaBhHbEDEk8z/Vtv/oIFP/s+3bllZ/8AfcsP1NIB/wBlhQZSJF+igVJt9c80DFEYFIq4yQDmgBskoghMjqfvBQB3JIA/U1TnknvQkdvFsAkBZ5BkAo/I49wf880APu7Ca7CZuAjLnDIuOo6EEnIqV7eYsSLp1HYBV4/SgDPZCl9LvvyuEQn7gzyeuR9PzpttBb2csh+1RsX4K5Ax8zMO/wDtfpQBZZVdQyEEEZBHQ1Ey8c0DK7rz0qtKgINAFR1xURpgdDcXMNs8SyceY20HsPr+OB+NQPfKJGWNd6hQwO7AOSRx64xzQSRRahdSZC2pGJdnQnK5++PatS1aWS0jklTbIVBZcYwfTmgCSAu8atLGUYjlDzimzzw2o3ONu4k8Dk4GT+goAr+ZNPqCyQwgxxI6FnbAJJU8cH0qRLa4+3PN5wCuuNmM44HT9f8AOaAH3UDm3kLXciDbg4CgfqKpzQ2F3FFFNcSOysSBnJJ2lSOnYP0FAi5Z6jbXrgW7lwV3BvUcf41dC5PIoGO20BcdKQAUBp23A4oATbnk0uBigYcY60gPPA60CEaPzFKMoKnqCMg09IwihVUAAYAAwBQMMYqJ2wSNpoAz5LFXl8zc4xJ5o6cNjHp6fzqmNIgSOONWlCR/dGenIJ5+q0AWoo/KhjhGSqKFBPXihxTGVZSB1qs7DHWkBWfFQEUwOo8sE5xk05YhQSPEQBytSqmBzQA/FRzW0U4XzYw2Dxn6Y/kaAJQKNoBzSAZJHHcR+WW4JDAqeQQcg/mBUY063DlihZic5LHg8cj06DpTAkhtILfHlQomBgbVxgcf4D8qlLAUAG70GaTcx6LSAcinPNSYFADWj3d8UCMeuaAF8tcc0oVR0FAEckuW8qMZk7nsv1/wpVHlgjJJ7k9TQMjlXJ3plZMYB9fqO9NE5LbJE2v2GeD9DQArH5elZ39pWrTxwrKrNJ9zacg8Mev/AAE0AJJdxpA0wy0a9Silvyx1oLHHSgZXk6nIqtIFwaAKjqOxqEjApgdWGWnoQxAFBJOFp2KAEYEDjrSDfQA10d4ZFSTY7KQrYztPrVQ6fO0cIa8YmI5HyjB7YPrxkfjmgBbTSobNonRmzGmwY6EHk/mea0ARQAvakOM0AL2o+lIABOOTVe8lmjt90Cq8mQADQIgtY74iUSy7WIGxuOOuePyq0ImF20hZipQDG44z346DtQMmD+1RtKzkxxDBH3m/u/8A16AHIhRcIOPfqaXDYI9T1oAaQ/rzUTwmVSG5U+9AyI+ZAuJCWT+/3H1/xqpHpltbiNkUkxAFWLEngEA/kT+dAFYXVhNb5SeIJKeFY7Se3Q80fbIP3eJlIfG3HfigLg+Tkhgc1VkDdxQMrP8ASoCfSmB14UD+EVKox0ApEjsnuKdzTAT+tA60ABwD1oyKQC5yOBTRnJyKBEi/TtTSGNAxQretOxg9aBFKe/jgv0tSjHcm7Kgk857AZ/hNQz38q27mK0kkkywUBDxjpn68UAQ/2hqrMRFpmAVDKzHABIHByR05qzE+rNdDfFEkAYZx1I5z3PtQBdZ3mLJFgAHDOP5D3/lTljMa4QYAoGLtfOc04BuCT0oAayc8n6UwpjnNAxpQ9zVN4jCSYjlT1jz/AC9PpQBQbSNPmjjIQ4jUIuHYYAyOmevJqA6HYrGsarhEOQNx9MUAQxaJb2jq8TSDacgEgjv7e5qZlYH2oAquDznFVWAz0xTA7NVcDk0459aQhMHHJp/B70AGAvGaUY7UALlelJkdloAXnjApWDdhQIUA/SnBSeM80ALtC8ZpPLG4Dn2oABAgkL7RvIAJxyR/kmpdgzjFACEEZwvSoB5lwdqjbHn5nHf2H+NAFlItgCgAKPSlKMc84oGN8vjOaTyhj71ADAi85bNNKpn60DEbaePQVA2zrjmgCrNEm7dGdsg68cN9aoRalZXV5NZpIPtMIBkT0zQBK5Vuvaq0uCMA4xQBWZcA81VcEdRxTA7ILk/e6U7ZnkmkITC4xmlVFoAeyqOvNJ3xtoELg/3aNrdMUAPCN6cU4Rnac96ADyjnrT1QLxQAFBnJpwC9cUALkelKCKAMy4j1OfWIxGYo9NRMS7jlpSfTHQDH6nitVVAUAAD0FADiuRTfK9TQMaYvfik8obcHmgA8tQOKjKL6CgCMxrg+9RFEA6CgZEyLnOBVOW0t2nWcxRmVAQr45APbPpQBG8a56VWkjBpgUZiivtLqD1wTzULhu3IoA7QRpkYp+Fxz0pCEwnpTvlXtTELkHtTv4aADJx0oGcdKQDsHFGGAoAcBxS7D3oANuR1qtcTmG4iiCf6wMd7fdGMcfU54+hoAr6bqE127JcWzREgFOO2xSe/qxH4VqBcDpQA7n0pQDQAYPrVW2v4bxh9nLSKMAsBwMqGGfwIoGW9o9TTSnPWgBpQVFLsijZ3ICqMknsKAMo6vA0JlijZkVAz5IBXJIx+YIPpVW61uO1V99u2VDHg8HbuyAfX5f84NADH1hfJlkEBKxZ3AthsZYdMZ/hp0d9bzIxZghU4IbjHJA6/Q0x3IJpoZVaOGQPIwOPLOdvuT2/GqcUjQQKl0wWRQSWJ4I+v07f8A66AKVysMx/es0RkAwpPUA5GfTrSxBhCoLh/Rh3Hb9KAO5CAdKdtGKEIUIPSnbR6UCDaAelOxxjFABims6Jku6rjk5OKQDWurdCN08YznALDnHX8sH8qmAyAc9aYDguOtQzMsqyW8TEyMhGVP3OO57H/OKQEPntYWqi7R32qF3xqW3H6dc5qMXM5jV1WRXkbBLwvtTgkADgnpjPv9BQILK8vHmVLm2IDnaGCkY+/zz/ur+YrUoGO4pMjpQBXkvLZDte4iU/7TgVFaGwgQi2kTBAB2vu6DA/SgCVr2FeNsx/3YHP8AIVXvNTNvZTXEVpcStGpYJ5ZUtjsMjrTAfpt8+o2a3D2VzaE/8s7hQG/IE/rippQrfI6gqRyCOtIZV+zRb8+RHk552jv1/OmNBEq7PKRRjGAoxigCtJFGSP3Se+VFVLpks4ZJ1iGQBnHGef8A69MDLtNQE95MHjKZGeuRxgdfx6dse9GoSWr2+yV4ypZSQ+OzD1oAoyrYPKsUZVTIMDyiMMOT2/3TSw2/2ePyw5ZR93PYY6UDO/CgUooJHAUuKAFxSd6AIrmET28kO8qHG0kDnB6/pVNNKwUZp98iMGDlBknaF59RgZ+tIBv9g2WV/wBZ8gxjIweCOR3OD19h6VNc2kPlrIGlJ8yNT+9bH3lHTOKAH3X2O2i8x7RXAOOIwT0J/pVfTL6ItcIsDxKCsm1Uz97I4C54+XOff1FAixc3avFhILhvmU/6sr0Yf3sUy4ub77RbrDbMsTZ83cASPmTpjI6FvyoGaG1uue9NkiEqFSzDPdWIP5igRGmnW46+a/8AvzO38zTjYWx6wRf98CgZJHaQx8RxouPQYqULg0AOxxSYpgNxTSKBkZFROKAK0gqB1pAVnTFZuouYoBhQSzBQScAZPc0wMeXULXzBJJA+9FMgI9ASv8yfzqwkqzoJE+6SR+RxQB3nOadg+lAhRS9aAF70vFIBuwHOaNozQIZdGSO2kkhj3yKpKr6mqjWlxeqvmSmGNWzhBgkhsqefYDr+XoAMubu6SYQrZiXbKiE7D0O3L/T5mH4fWr9iZHsYHliEUjIC6BcbT3GKAEvBJtjCA7WfDkDJUYJzj6gD8aof8Td1bgqTuHy7QQfmC4z2+6Tn/EUAW7CO9RpGvHDZHygdvnf/ANlK/lV0c0DHAe9BHvQAU4EUALSEUANNMoGRSHapNV2lQ96AIWlT1qu8q44oArvKuM/lVR5FYEEce9AFKZIHyGRGyecrmoMIgKqAADnA9+aYzvKTNBIZpaAFzxS5pCFBo3CgBc8UZoAXIppniVC7SIEXqxYYFADi4HUgfjRHLHKm9GDDOMg0AL1PWnA0ALmkJ96ADt1pVwO9Ax+aTn3oAbz6Gmn6UARsMjBFQtGP7goGV2jH9wVz8+j3igi1vfJ3SM7LwRyeg49KAKtzpF86NtnjVzJvDc9sY7e1MubPUZJyY7iNIiB8vcHHPb1oAm8rEah/vAckdzVZ1wT1oA7knim7hTEIWFG/jrSELvHrS+ZmgBfMAFJvHrQA4SVVvbeS6aLbM0Wxt2VPJPb9aQFFNLv/ADWdtVkwSCFwflx1xz3px0FZI3SW+um3gBtr4zgcnv1xzTAsNo8DzW8rSSloECKdw6ZzzxV61t47SAQxDCDoCc0CJiQO+KTevrQMXcMZzSeYuMjmkACUehp5fHQZpgOEme1OLNtGKBkf7wUENgdM96AGENu6jGarur5PzjnpQBAyt13j86rsuHzuFAyvIp5O7FVZQxxyKAKbh89aryFs9M0Af//ZAP/hMehodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0b3JUb29sPldpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQ8L3htcDpDcmVhdG9yVG9vbD48eG1wOkNyZWF0ZURhdGU+MjAyMy0wMi0yNlQyMzo1NTowMS44NzU8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAMCAgMCAgMDAwMEAwMEBQgFBQQEBQoHBwYIDAoMDAsKCwsNDhIQDQ4RDgsLEBYQERMUFRUVDA8XGBYUGBIUFRT/2wBDAQMEBAUEBQkFBQkUDQsNFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBT/wAARCAGKA0wDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD1EDk08nKgCg/epa5D17MT72BS0m00tSMXbSUNKqt83GB6gbvpSowkUN8pX+8D1qiQpKgur+CzgmmnkSKOAbpWZh8g7GjS9StdXsYby0lFxBKu6NwOHGduR7UCLKjbzS1y3xA8Xx+FNFkcTRxXk48q18wEgyEDA/PNSaN4yhv/ABEmgsrm+WxS6kfbhRk4P69KoDo6d2xRx1Hf+HIzTWkCyKvRyOFYjt7VIEgG2lrjPDvi671jxX4ms5xCunaYIokmVsHe3LA+4FbK+LNJkkmVb6FvJQyS7JB8ijqT+NAG0sYOTmjacisPR/Guj67dWttYX0N1NcRmZfJyV2it/pxQAwr81SbeBT9qlQScGkx70AIqbu1TLFTY12sKsKppgMVMVIq4oVfmqwsfrSAbGtPX7+KdjauaEQtzQA9QPSpOfShU28d6U5UgZoGO2ll54pu3aBg5qYcrzUZX5uKBCLuHJFP5NOVSw56UuygBtJg07acmmsSGxigAwW6UbT60v6U7bmmAhU4po61I39Kb06c0gFp22mrTwTzQMbJximntUjdKOGFAiPdR/FUnlj0FJtoGOpp607bRt+YUFCj6Uu3dS7aOlADNp3YPSnH6UrKaaVORzVAJtyaXbTtppduevFADVTNIy1Lt96ilbBqQDdtwKULuJNR/ex9amUN6UAIOuKftpQmGBNOdTnjigBuzkc0hQZpWoUncOaChpXmpBnFO8snmk8tmbrgCqJGN3pF3Nx2qUryeKULt5FSAgU7aTn0p6/1pWT2oAi201lqbZVWVyrEc9aAJNo9aG+7iojIfSo/NbeKALG2lKDHWhWDDGeTShfxoAXAVfU1EEYZOKs7VVR6mo2BzjJoKItntSbam5XtSMucHpRzDIWXio9tWdvvTTGcGgCA7cdKSpOfSmMQrY6n/AD71ICbahcdeKl3+XkMenrVS4mZ+Ih+NACuo2nmoqhLTRk7xuFSLIOOPwoAxvF/ia08H6DdatfE/ZoAPlQZaRycBR+NcpN4o8WQaKNYfQIZICFl+yRynz1U9Mjp061N8dvCt94u+Hd3baWnn3sEiXSQ5xvVGyy//AFu9M0H4naJfeH7aRrspdpEFazZCJfMHBXaRVAV9N+I19qHjmTw22mwxiK0W8N35p+ZGGQMHuM4qXwz44uvEHjDXNDm05bU6Tt82Xzgd+7kYFcPrqQa18dLdTfXGmrJo5Vnhk8t92eEJxjNHguF9J+LXjSwtNTklnnt4HjuLlxIwYdRwMEigi57V26Zprpx0rivhl4mvdcj1m2v7xb2exvXgWXyvLbb2JX3rtXboR09KZcSFlqJs9KsSdKrtUFEMlRMB2qZlqCT5WoArzKc1E1Ty1CxUcE81RJE3eoJF61PIpxUEmaYFeUADpUDEelWJmAOKryLTArthmPFQSjbUzMVYjFQyPvGCKQELNuqFqmbiopKYDGYbRUL81Ky1G1IZGV4pN1PpNo9KIjO+/wCEr0o3UtsL2Eyxo0hHmjO1fvEfQ1V07x7oepTRQwalBPLIjSgRnqi/eYnoBXl1rp9tb6Bqus6fHNqFzb6U1rbzLEVjUMCNuOpck8/SrevfDufw38KLTStIsftGrrFBFczQgCQhmBlwevHNI5uZndWvxO0S+1a30+C4eS5uA5iVYzh0XlmGay1+NmhS24uI47trNbs2Mk/knasmSpJP1PauLvJdV0rxbdeJrvSjp2j6Vorx2AbA2huvHZu30qx4P8Eahr3g3w7o9/atYaarrf6hNJjdPIT5gCgdQScc+gpcoubmOm8aeJLK7vriWA3l0uhRu979jYrENy8g+6g5+tUP+Equ/wC1fB2g6AGubC5tvt01xNITJ9nQdD7kkD8KZD8PtaXTfEGh5WK21fU5bibUN2WMLhfkx64BGfrW1p3w8utL8df2pDcR22kw6Yum26YzIgHc+namBx3iDxhDJ4B8ba5Lb+TcSXR0uNQ5dXYFUyPTlm6eldv8KZr2bQLPyXthoVvEILTy+r7OGY/jz+NZPh74Py2ug6LYanqKXMNnqJ1GeDy/9aclgD9SefpXXeCfAa+CVvoY72S4tZZneCFxhIQ7FmGPQE4qgSOZ8dkeIfiZ4J8PkRm3hmbVJ0I3fLEPlB9t1c5L4xk0+88e+KlAmunu4NGs1OCMqygn6bmH5GvSLf4e20fjJ/E739xJfPE1vsO0IsZJO0Co4fhL4ai0e+017SSW3vLo3kjGT51lLbsqfr6UBY87Gu3Gk+Pr2JdVuNQGkaPLeXtuZco853bFX1xjpWz4NhsdZ0vw9rd9q00utTq1+4gm3AqVLeWV/hAJx+FdzY+AtE0Wea4tNLt47yaLynnfLbxgg59Scnn3NUPAvw3tvBtxq05MTfbLgOkaLxboeqr7HPSpCx5HY61LJ4LsbljJGniLxEz6jcRq2UhLEAcf7KAfRqns7g3OpfEXUtP0mWDZYpp+nRGDAMeDuOMclmZPwzXvy6ZbR28dutpClvGQVhCDapHQgY6j1q35fzbgoBPOcVRRyfw98C23gfw3pdksMf8AaMNvtlucfOWYAsN3XGc11YxntjPapkZgcAcZpfLU9OKkBoTK9KcE4FSpHxinqntQBEsZxUyr0p8YqdI/mBIqgK/l/N3qXafQ/nVrYPT9KVVNSBW2nirEaYHAxUhjGM4GfpQFoAYFOaXbTlXmpQo9KAGbflptTUmB6UAN7Uv8JpexpF+YYoAF+7SU7G1TUM0yRRu7OFRBvZjwAAOaAHE7eT0pfNDEY6Vwdr461DxJZzXWhaRNqNjGXRbjzlj80jhhGp5bBB5/KsmL4katJ4u8I6a1jb2ltrVnLdyGUsHhMYBZcE++KoD1PcGbFO2r64ry3SfF2rXvxo1fQJL+I6VZ6YuoRoqgMWZsbWPt6V6Tp+oWurCT7JPHcGN9j+W+djehoAs7c9Keq7V5FJHwM9u1Lk1ICfhTdp3U4dadt6mgBOfSkwaMH1pdpqgDaaT5vSpKApzUjG5NJUm3dSrFjrQUN2mjrxTmz/CKVYx3OD3pgMoYninhfmIPSneWPTNMBi5HU8VBKN0hq2VHHFV5PlJPSpAi2lcYFW4lJAzUMA3t+FWo0K9aAFZduCaCox1p0naoWbapoAZIQqk9ahWTvTmzIMgcULGWH3aALCSeYuRT+SOtQHMMfApIbwngjFMCyVpFqNrjHpikW4Uk81AFjHtS/hUP2pPWnLMJBxVADVWbduNWB70LtDHNSBWdG2g4pjW75DCrgYdD0pcheM/qBQBT8s5HrVuNflH0pu1WyQygDktnj8806FxKpZCpXoCGyBjt9aAF8vndS4VqfuwvtUa43VQCMtN2nBqVu9MapAZz6U1mpcGjZuwDxnnjk/XJoK5iKT5l+Xg7cf8AAjnH4V8xX2rR2epano/i261LRvE0ly8lpqRkcWjjdlAMHAGK+iV8Rabca2NKivIpNQ2hzCpyyjkAnHGK8u8TeDfFfiTQL3QNTs9Mv4LppBBfTSkvAhbjAPeqJPStOt3ksoC0gkCooJU5B4rSWFFUAcVxdxri/DKw0yxvbO6utLigWJtUjBdQwAGWHXHFdPpOuWWtWy3FldR3MDAEPGeufbtUlFuSJap3UcUMEkzusSIpZnZsBAO5qxeXCWsMsszJDHGpd2dsBAPfvXmUlxefF/UDDAZLLwhbv+8m5V75wfur/sj9aoZveGfGkPiOS9kt4JvscEojiumTCy+pA9M960WNk8/2k2UAuevmmJd//fWM1Yaxt9LsUtbeFbe2tl2rGoAVQB2/CuH0bxzf+MLq6PhrSIbnTbWYwNeXlxsWSQdQnqOMVJB1cn2aSbzmtoWlP/LRogW/PFVLqztpllaFIbK4ZTi7jhXejZ9cVxGt/FTUtG0mzvZ/DZiae/OntbyTgNG+7AOe4rR8YeOLrwzrei6V/ZiXf9qsYlnWYAIyqWbI79DQBu+HfCq6DNeXs919r1C+dWnnMYTIQbVUAe1bQj6ZOD3zS27fulwckgd6Upx6UFxIZFPrUDLVl+eKiagorP8AdNQMuQTVmQflTOPSgCmymqsyfMKvydD9aryAccVRJXdgq/MaoTSsxPlip7oF5Ap6YpI1CLgipAz5IpT85fn0pFmPR+taDr8pqhNFuyehoAhnYKwHrVdqdMxDAN2prN8poAif71RN3p7NTN1aAMY0xuakplSMjakp5YMcYqI9TREZ6uLXABUbCvTbxSralmV+hXpVtQW6Cn4wue9BzmD4k8K2HirTJLDUomktJCCyIxG72PqK07XTIrK1hghDLHEixpk5IUDAGasrlxUy/d5qgKS2yqegPbkVN5YkyD6YqQRjOc805Y+vFSBD5YU8U4INpBGcjFO8s7utSlPlqgIFjbJOTnvR5Z49ulTKpXrS7aQESJt6cdqd93AHH0qRRSMu7pTAZGu44PAp7LilUdqd+FAEaqacF+anIvzVKsftUgM2H1qaOMbeTTlXcwFSrD14oAasYUjip9vShUqSqAFU1IFHpQtP/CpAPwpPwpNxp34UAGBgcU0d6dg03b70AOyKPwrF8TeKLHwrbQS3sjGS4fy4IIxl5X64Ud+Aah8MeMLbxNJqEUEV1DLYsqzrcx7D83Ix+RoA36Z06cVL+vvTdtADWJxWJ4wsbnU/COt2lnxd3FnNHDt4IYowH45xW62MYxjArJs/EVpP4hl0yCRpL2OITskYyEUdiegJ6jvVAebfB/xppen/AAv0Wxv7hbG+023FrdWkh2yCRS3RSMuTis7xxpsfiT4n+Bp73TrsWMdrdrcR+W6+UJVBQuR0z6V7G+k6e919pewtXnP/AC18lSxPrnGavDI5PU9aCTxiw8Iy6D8Y9U1O20a4ttCuNHWxmum4jEoct8xbsBwTWr8JbGPSvFnjC3sorcaZOba4gltWLR8hkCntuGMnFeoTeXOrJKiyK67CrdCPSo7O0g02Aw21tFbRZyY4kCrnpnA70cwE/HYYFO2/LSK27k07NSUNWnFT2o+7zSF8cUARbxv2556mnLJuNQKhSZmxnPenR58zOMLimBaVakVagjuF3YII96sCRV70gF8uo7qaOzhM08wijAyXcgKOcY/Gn+cu0nPNeN/tAakNasLbwrBqgsJrpXupJV5K7OUU46ZbA/A1Qz2ZdqexPv0qNtvLbuAeecV4tpfxYv8AxB8Bb7W7CeO21/T7R45/MXcUljGPun165rMt7jxLqXjDwtpl74quhZ6/pD3kyQIi+W4VWAQ9utAcx7Xqeq3FjdaYkNk13BdTiOSRWAEK4+8T3zXKfFz4h3HgDw6bqzNo94s0UUkM0nzBXYDIH4147YeJtQu/DPgK6u9Vu5bmy8US6fIHm/1kSuwG8DrwB1rL8TXtrqngPxvY6rbPP4xGsM8PmRs0zR+YvleWcfc28/jmgjmPovWfiR4f0K9Frf6pDa3GUDKxJCl/ug9uaxvGfxg0bwnNcQzwXkzxzi3JggLIZCBhVPc+w4rxn4hafrfi5vEUWn+HdQieV7O4gWK3IWdVClpGZvQ8YrutQ0nxh4i8bQane+FpF07T4vNsrUzJskuTwzv7qe9BR7Lp0vnQRTeW0XmIG2SDDLkZwferjHHQ1Q0n7Uun2328qbsIpm8s5G7Az+GavbgOaksa0m1eahyZD14p1wwxUUbcipJLUSqqlacFC0ir0NSbd3GaCiNl8wGql5cWun25kuJY7dWKqskhwMscY/OrzDy1IrxD9oa6GvNZ+F475rGVIG1IyxhmJkUgQIdvTL5PPoaomR62yhmOCfpnOKsQwr5YzjNef/Brxs3jzwXbX8vyX0J8i7jfho5FGDke5BrVuviv4V0+R4ptXjMqMVZERiVI6jgVJVzrZIo4VZ2KqqglmboBjJNcFo/xC1HxV9su/DmmQ3elwSNCtzcz7BMVzu2AdeRWp/wkdr468L6ymizTSM1vJCjPGU/eMp2kE9sV55+z74v0vw98P7PQtUuF03U9LLw3NtPlWyGPI45yKok3Lv4tancf2Bpdrpv2XxNrEkii2mOY7dEOHdj35zUviTxxrXw5vtJPiC4tb/SdUl+xreWqeW0Erfd4P3h7965/xlb3q+O/Cvj6zsLi502ziks54Y0+cRuciUD0q945hPxin0DS9MimNjaXy313fPGUSPZ0UE8kn0oAy1+LeteB/iDqem+IpjfeHEnjhi1RYQphZl3AMBwQc9a1Z7ibVNT8cx/2reNDb2i3FmVuMBNyMxK47ZxWhY+Hv7f8UeLrTU9JuF0jUJI9rXEXythNuR61keC/hXq3gl/FtrFP/aWn31ssOnmabBC7cbDnkbenvQBxmn+OLPUP2fZlub2+udaaxkk+0KshJnGeS2eB9OM17P8AB2Qf8K38Pv8AMqvZxuzSZJZuOSSetcx4T+GuvaT8Jbrwndi1F48D24ZZSybWPLE1v+F/AE1h4BsfDes3Cyi1jVBLYTMjMFPqPUVI0dzNfwRkhpY178uP8arf8JDpcK7pNRtE29QZlH9a5C1+DHhWM/vrS7uex+03crf1rmfjB8LfC2kfDvUruw0WGC4iaJhIrMW27wDzVDPRbj4geG7UnzNcsFIOCDcJ/jVCf4seEof+Y9ZufRJM/wBKl0n4feFobO2Mfh7Tv9WvP2cHsO2K2IvDWkW7Yi0iwjAHAW2Qf0qQOQuvjl4Osw5fV4iqLvO1WJx37Y61Qh1bxN8UFB01G8O+HJBj7bIM3M69ti9gR3966H4h6PaP4B8RIlnbo32KTbsiUcgFgelXfAtz9q8F6A/XdZQ9fXAqgIvDPgvSfB9sItOt9s7f665lO6WU+rN1681cuFKzqdvX1rXZV29fwqheqNynkY9KkBdoeN0YB0cYZWGQR6EVxGsfDGIXral4au28P6mSWdYADbzH0eM9M+ortRKF6Z/KmyXQXDEE+vFAHgGvar488b+IpfDE+hxyWWllWv1s7gIt0TyoB6hfau3s73x7Z2cNvZ+EtM06CNQqKb0KFGMYwKd4dul/4XF4yADIJLa1lII64GK737QGG3BqgOR0238XX7Tw6vb6Za2kkLqPss5ZlbbgVwPwZ1K18BaTeeFtenGm6hZ3UuTNlFljZiQyk8GvYZG2SMTyfQ1RmsbfUrrzbu0t7lv4TNErn26igDyj48axZ+IPBWnTQTNCv9tW5S4+4WAOGdeOfr0qn480u30XxZ4Bu5NbuLzdfSHF44O1DEw3ccYOf1r2W6gsp1WOaxgmWMYVHhVgvsARxWfqOnadfQ4l061kKjCGSJTt+mRxUlHKab4k1Kz+IdrpFzf289nd2jziER7TEwOFAf8AiypJI9q78Nu5znmuOs/DElxr1lfajei4SwaR7KFIwpQsuOW745rtIwrZIIIPIxQMgmTbyKgkq5JVeTDZ4oAqMvBqPG0/hVpkqFk289aCirIuRULJ8tWWqrcTGNgoGc0ElCY7ZeaVF3Lmi5+ZhxzT4wRH2oAhkA9arSbe/Wp5OtQyqPQUAULqNGHTn1qm0RUdc1fuPuk96q8lcnrQBVbK5yKYvNTv0NRLVAIy1E1TP0FRN2qgI6aac3eigD2NVPanKtJTlqTEdtA7UbaULup20qRmqAjCfNTulO2/NSstSAyl/Cl2+1O2UwG0BSW9BT8U8LwKQDGTHSkx7VLtpu2mAxV5pdlSKtPwDxigCNVHpUqxlhmnxw+1StiNGPTjpTAasY4NTAbc1nrdHjJA56d6vrIrIpxnjnJxigAVTUiYzyDUcMgaPeGUgdMEEEUW95BcBzDIkgXqyNu/A+hpAWkA54pMGmliG9KcelIBV460rLTd1SK3y0AMVTQ1P5VehJ/ADFcl4o8dRabeLpmnW76rrMhwllbctj+856Ko/OgDI+K3hmDxR/YluuqyaLrEFy0+m3KgY80Icg+xyT+FZvwp8Qa3/wAJB4l0jxJHbPqNhHAx1W0I8u4UnCbu2fUdgcV3N54Vh8TaXpi+IrOGW8tz5+y3ZiI5CMYB+hPNPg8F6Pa6Vd6ZHZ+XbXQ/e7XIkf8A2i3U/jVAazNubKnf7g/zp33etefTeFfFXg12m8P6gNe04Af8S/UGKyqPRH/i/GsbxN8eLfQdOa2m0y7svEjERR6bcREuWPVxjgovepC513jPxNcQ3EGh6KEuNdvPljRukC95HPoB2NX/AAn4Xg8J6aYYJGuru4bzLq9kHzzyHkse+OuB2HFee+C/EiaXa3Fxa6VqniHWL4lry7W3aNXOciNWb+AduxrttE1fxRqWqRfa9AXT9PyfMlmuVaUDGAQo/WqJM6PxlfeKtZ1Sy8NxW72+ky+VdX10xCCTGdigdSOlcn8RPHHjLwl4XgvbprXT7ga5Hp0mEDpJBIVAdSfqTmk+Gt6fhXr3izw/4gjktmu9Vm1KzuxGxSaOXJwCP4uelSfGaz1b4geBbO2sNDu5hJqkFzDH5eXkijOWZgeFGKAF8ceKJl+IngbTrDxAzW17fNaXkFuwYMFjJzx05Fel2virTL3WZtJiu4TqEKGR7YMAVUHHfqeRx2rgPGHgO81DxN4K1PQNEtoo9IvDdzsxSIhCu0oQBzwatQ28U3xj0e/0vyJkjiuba8hSLBtz94OWx8xLAD8akD0yNRx3/WlZttPSPaqgenfrRJHhckUARNJxgck0scJkwT601cGQACrW4rwBxQUEke3gDioioA6U+6u4rO1Ms7rHHgks7Bf514z8Qv2qPBXgVnt47v8AtjUMHbbWPzlW9HPQYPpVEv3T2HYrcntUJIabZnAryj4Z/HO28T+DzrOuy2ekPdTO1rbrMWYRY2jd77ufpWzdfGLw3HeAQ3kly3dbaBpPywKCj0RbfbwTk44rmdF8GzWvi3WNZ1Ca2vY7xIooU8ks0KIxOOfrz61mR/FRrxSNM8Na3fcZVvsxjU/UtQ3ivxxfwg2ng0W6EY3Xt2qYz9O1IChD8FdNj1DxHI+p3n2XXdxvLWHakYJGOPTvW9Y/DXw/ZXmm3QguLifT4fs9rJPOSI48AEZ+gFYxh+It5JEfO0PSyeu0tMR+fFTP4Q8V32Pt/jPys9UsrMAn3BagDoLXwZ4c0mNEttHskVZfOT5Adr/3xn+L3rUmurK1cvN9mRsffcKGx6Z69q4pvhLFfMrah4l1695+6blYwfyq9D8GvCUbAyafLeSd2url5M/XnFTZgat78QvDmnqTca5axHJ+UzqSPyOawbn4zeFoztgvnvT0K20DSfyFdBZ+APD2nsht9BsI2Xoy24Y4+pFbH9nxRMDDBFAB02RhcUwODh+LH2+Rk0/w3rd7nkN9lMat+LVLJ4u8ZXSqLTwZJCG6G9uVT+Vd4iyDqxI+tPFvvbLUDPP5P+FjXxJ8rQ9LXGDmRpiD9BTIvDHjS6ZPtni63th/dstP5/Nq9Bnt/k45qpHlGIEffmgosadDLY2NtBNO11LGoV53GDIQPvEds+lSCXDdahVpG6ggU9IZGb0FSBOzlsHIAAONwzz71x3h3wldaP4g1vVLy8ivZNTddqrEB5SrnCZ9OT+ZrqmjlDFc8U2dGhCkev60AcV4W+Gll4P17V9TtdQupW1SUzT27ECLcSTkD156119nZ2NicpZWsUh53JCoP5gVOtuVVW/yKm+zrKPmHNUQR3MysoBAK9eBWNd6Xpl9efaLjTrW4nGD5ssCs3HQ5IzW99nRV6A1UmtQzblOPYVIElrMr42nBq35ZK43HHpmqsFuI+q7SfSpJpjEyqvJoAc8I9c85pkcIDHjnGKPtAVgGBGatJhhkUFkXlD0NNkjLNzzn1qxmhlzzVAVlh2tnNcb8aIzJ8Mdfwc7YAfycV3axhjgDdjk815t8bvGGjaT4J1jTbm6U3d3bPHHBGC7ggE5IHT60AzsvD2JtD0+TOd1vGfzUVobeRXEeFfiD4ctfC+jrca3YpKLWIMrTrkHYMgjPWr0fxU8KyTpCuu2UkrNsUK5yx9Bxj8aAMvxp460WHUJvCN/PNpt9qcDx2800RET5HUNTtJ1eXwRH4b8Mz2U93O8SxrcwAGM7AM8msj4xeEdP8ceIvDGm34ISSG68mZWBML43K4P19K5Pw/rHiHS/iT4U8JeJIHlurSaVoNQUfJdwlODnscYzQB75tC8YwRTJI1fFcrq+veLbW+li0zwymoWij5LlrtF3f8AASOKzW8UePFYj/hCoeD3v0/woA7ny1HFMZQOgrh28TePOp8Exn6X6U1vFXjeNct4Jz7C+SgClY4t/jnrKMuRNpUD9PRsV3kapt5Az645rxObxR4tb4wK6+FAl/NpXli3kvEA2B/vZxXYtefEa8z5eh6PZD1lvDIfyFAFj4n65deEfDd3rlnBHerZDzJoncrleP8AGuc8VfEDVfCPgmw8SPpkEyT+T5sXnH5A4GMH8avfFGO+X4M+Ik1ryRevZMr/AGc4TdkYAzz0ry/xlo9pP8BbW/h1e+uZ/KtwIXuN8e8FcqVPYUAfQenyTT2cEtwiRyyRqzKpyASMkZ71LNAjKVK9faq3h25i1LSNPuInDxyQIQwOR90VpSRkqKCjGmsPJHB3KecUkOVbkkKBWm0Py9KrzQjacDtQMrtOGHy8+tMH3c9ajhXy43BGOaSEnnmpAeymoH71ab7oqBl3daAKUwyeOKqTQktnNaUifNUEi7c1QGfJbhvrUXkNgjOBV1scj1pjx/KDS5QMqcSKcAZ96ryTMvVSa1XX5TVWSLNMDKmba+T0IzUHmbgcjirV5blmB7VCse7KYxxUgVpCKiXvUkkTx9eR71GrVoANUdStUTDd0oAjZcc0LTmzjGM038KAPZQm3JNNMix9smpZGVV5PPpVd0LsG6CpMSeNty5HWpecDNRQsI1OBk06OZWz61QD6eq5pIwDnmpdy7eeKkCNk+X8aXhfehnX1oUq3Q5NACBdxz60/wBqVVpPuk0ALilVdzHHalVcrmnwxlcn1oAai9KXy6kWM80/b8hoAYrBV5OK5vx/qV9Y+EtXu9Pk8m6tLV7hXdQy4UMf8K6H7OZ2GSQKyvGWmy3Xg/WrSztzdXFxaSwrCnVyy7f51QHiviTx/cRfBOx19NfEfiGWOG5/dsq8swVo9uOnJ617DN4h07SXsdLvNQjNxcIqBbiUCSbIwDnsSc/WvPLn4VavrXwLs/DUGkQW+vrBFbStIFUq6sG37hz0GKu+PrjTrnVdH0jULIR6h+4ubm4hjZnQRNlEVsdyo4/2jSA5fSfE+sfDHXtZvr5pdU8DzanLZymQl5NOOBgn1Vtwr0n4T3Wm23hPVb2KWGO0k1a6xPv+UpvTZz6YPH1rS0HwXPZ2uv2urfZbu01S7ku2t/LPAYKCjdjjb+lN8J/CvQ/DHhM+HxG19pbXD3AiuTwMnIX3AC459KQGhcfEHw7aSt5+tWaY6jzgf6Vj6h8bPCFhLHEdU895G2r5UbPvY9FXA54rfsvA+gWYzBodinH8UKt+RxXKfFCxt7PVfAckNtBCF1yJQI4wvBRuOPwqgLqfFazueLHSdY1Af9MbMrn86cPG3iG7c/YvCGo8j5ftTLEPxzXcws3zDJX6GpMfKRn3oA8n1LX/ABlrHijTPC1zZw+HTqUE032xZxM+yNeQMcA/MK9E8N+GtO8KWvk2Ebb5Tma7mIaec+rt79cdK5jxBtX4v+CZG6NZ6gpPp8iV3ZcngnNSA8LsJJ696aQF+6KVeRSYG7GcCmAYJU1574sVP+FueAWZVdvJv413DOD5YYY/GvRflx1rgPGSgfE74eMB96W9j3e5gzTA7yIlcgcBuSB3x0p27J557UrKF71zHxE8RXfhXwXrGtWCQzTafA1wUmOFKqCT/Kgk6Vl3suVVgvTIzikkYszD1GD715D48+Iut6R8J9J8T2N5aQ6hcC1kli2b1CSheAO5Ga9ZtIZYbeITS+fLtG6TGNxxycds0ASL69/WmrEkbttRU3nLbQBuOc5PrzUyqPShl+YVIDmpr/MuKXaaX5dvPFAFLiOZcGrDP1qJowZdwXNIzMeinNBRxvxM+Ftr8ULCG2vNY1LTY4wwK2cmEcH+8K+fdW/YWKqw0jxJGBjKpdQkZ/EV9ZfvGxxUn2eRuarmYcp5J8D/AIQS+A/CZ0zxBp+k3l7bz5huoYw7PGR3JHavTre1htIwI7eKDjjYgX+VaX2crH68dKpLE0jfMMBeBSAkhkdl+diR7mpN0ZbPVqmt4VMeGWpVtY16DmkBnSL+8DqORThiRsk7TV97dSpwMGqjRhWxtz70ATwqNuAcU9eCfrVdv3O0dCakbemD2zTAtLGDjgU5hgY9qSNtyg+tPpARleKQLu4qWlVaCkRFPlNVWTa3HWr0hCKQarKuWJqRgvTmlJZaXZtanstAER+YgmpfLVlGeaTb0zxUm3IwKAGSDdgU7olL5Zpyw/L1oArytheareZ83Aq+0AI5Oaglh27cCgBUYsozVedWWbfjjFX44xt6UrQLIuDzQBkPIZSBg565rRtv9WPpTvsiA5xg1KsAVetAHMeNfHFl4JsbR7iN7m8vZvs9raR/fmkPQD29a5/W/iVqXguSwk8U6Qljpt5KIRd21wHWFyeFf0rM+OFjdWPibwJ4mWJ5NO0jUP8ASyoJMSsMB8DqP5VW+Od3a+MvAkfh3R5o9Rv9UuoRBHbsHKhSCXOBlCKoDofF2teIrq4mtNLWHRtNWIST6xdMD8hHPkqOWPua4zRdPbWTc2fhC0+2mcFLzxTrIyZAeGCA8sDzx05r1K88C6brekabp+sRverZeXmPeVRmVRyw7jI71vw2qQxRxRqscSj5Y4xhV+goA5Lw38NNA8PaTb2smm2N7cRp+8untUDSN3PTjPpXQR6DpUPEelWURByClugx+laLx7evSmtUgYOqeDtM1jWLTUbqKVry1z5LpKQFz149+9aN5pNnfXFrcXNvHLNaljFN/EhPXBq+Og4pO9AEAB4OefUVGY+TVhlO7NI1AFZlwKifpVmRaz9RvYNPtLm6uJBFbQIXkkP8IAyaAOB8QJ5Pxo8PTdfO0uaMj2DV3m7dxjOK8utNW1bx5eWHjPSNERrW1imjs1uLnY1zG3VgOw7j61cb4sXEiaFp9npIbxLqqO62Mj4S3VThmc+lAHoNxbx3UflzQpNHn7sqhl/I1XfT7QqI2s7coDkIYl259cYrkpPiBfaF4msNG8SWkNm+pBvsl5bvvhdhyUOehxVXT/iBqfjDUNRh8MWFpNYWMptmvL6UqJJe4Qj0xiqA7hLWK3ULDHHCnUJGoUD8BTmbsa8xvfi3OvhfXtQh05Y9T0Vit9p9w+ChB6g+nvTte+Jmp6P8N9P8UnTbeYXXks9vHMf3YkICnP40FHpDcggVXb72Oo70unyyTWsLzqEldFZlXoCRyBT5lC9B3oGU5rNHyQSB7VELcL90VdqOTjpxQBVPpimPGOOamf7wqNl6mlygVplw3FU5t3PFXmqvJ0NMCkw9qYxNTtUUg281QFeTpUMijHWrDVXkWpApXI3KcVUC/nV6VflNVX4FUBTuVqu0PylsVdk5HNQN6dqAKg60lSSjb0GKi7mgBJFNRYPrUrUzcKYHs8NpuwW5ap2t1IxT46R2wxHU9fQVBiN2hVxiq7wjqOCeaz9H8Xadr2q6xplpcK15pjJHcLjOwuMgj1Hatb72crt9vSqApq0u8qpHFPCzSfebA9q5/wAYeKrbwTYzahcncoZY44l+9LIxwqD1qC51vxXpMVlLNpNq0MkypLAkpMsK9SWPfH9KkDqPs7Kpy9PtXVfveuK4bRvE2rfET+0brRrm30/SrW5ktYp5Iiz3DpgEY7DOefeuVHxouF0t7FrSKLxQNYGimFmJhEhJxID3GBnFAHt3mKzEKRTGfcMYz75FeWfELUdZ+F+n2evx6q+p20VzHBqFrPGFDq5A3xntg1U03xP/AGb8YfFFnqN9dzadHZ289tbAF1DSEliAvQc0AexwyecMrjA6jI6VPGw7cjtXk3wEvv7QuPGlyJbieOPVzDbm4diY49nTDHI+lethRuGOlUAu4UM37s04YXcz4CKclm47V5/qnxT02z8V6ZYpdLJazQXDTKkTFhIowo/A5NAHcJNyoq7Gvf06e1ZuntFqFvBc27MYpQGXcuDjGa1Y1zgDikA5Ygq8gYx6UjYPOxC2chsc59ae0mwbTUTMp6HmmAyRTjn8aWOo2k+bGcAckmokvFaTCHIoAus2K8++LjBZvBLkZx4gtxz7g112q+INP0e3e4vblIYUGW3HH5d81438RPGWpeJYdF1Cx0l10XT9UguUmmO2W5KsR+7U9j6+lBMj3Vfl685qK9WSS1kSCZbadk2pKy7grckHFcNH4p8cXS7ovBwhjPR7y6VcD8K6Hw5J4jmaZ9atLO2i2ZiSzmMjlueuaCjyzwD8R5NY8QJovjCGG21cvcxaTrKLtSWPcUdR/db5RXoXw1vLiTwNBe6pfSXFw804eacgAbJSijnp06Vzmk/De28aeAZdJ1uxm0y9jv7i6srtsLLCZJWZJFI5HBFdD4J8ACx+Hdh4f8R7NSlieR523f60mUuGwOmc0Abdx420LT8i51W1ib0aVf6NWTdfFjwrGSo1WKQjqIQZDn8BWrb/AA58M2rBo/Dlgjj1i34/MVsQ6VY2u0RWVrDt4GyBVx+lAHDH4uabKdtnp2rag2OPJsXA5+tcR4w8b6xdeNfAU1r4W1KOSG+n2JdFYvOJgcYBPTj+Ve8vI+MdBXAeP8p42+HEjcj+2HHPvBJQSI2pfEC+VI7fQdOs1JP7+6vQ3Hrhah8fR6n/AMKd8S22stbXGpXFlPEi2KsyOSp2oo9ScivQo4jgeo70/aVIIPP+f/r0AfOPiL4dxax8BdIs9K0G6uvERjtYwWDM8cylS5YHoODX0FZXD3VnbytDJAWRd0Mgw6HHIP0q9yvVsH0zTLhvLwzNtY8bsdfbrQAjNtYYOakXmqNzfQWJTzpY4C52r5jgEn2FXYc8Z6VJQ5ugqF1JxU8nJwKb5ZoAWCMhSaVY9pzipF4UD2p22qAhMfzZxRtO6rAj+Wm7ORSGM2kZpjRp6VO3IxSKlIRHGNq+1Sj1pPLPNCqelACjvTDH82SKl/ClC5oAo3NsZWDjqtHlvIoBFXWGO1Kq0ARrHtXHpTl6VJt7UhXFADM7aN+ORRTP4qAGTMWPSlhjGetTGLIBpViCnJqSxuynLHuFP4p8XegCHy+xFJ/FgcVI/wB6k8vvigAakyfSl2Fu9SrhV5GaAIR1pkhG7GKe7Dkjiol+brzQSTRAMOTinHaGqEttGKT8c0ASs3zUjSDBqFWbzORxScs7AUFCyMJoXidFeJxhkYAhh6Ed6q6fo+nabI8tjp9raSNw7wRhWPr0FWli+WprdM5B6UACqNo49+lPC55p5jC96MHsKAIpFNNVd3FTmMlTmmKu3p1oAYo2nmkPU8U9xuqNlI70AIaYaSaTy1yetVlvkPGOaAJ5FNcz490OfxJ4N1zTbX/j6urR44jnHzdh+lb0t0BjBqGS6XjBO7OelAHknwj8aaZo3gnTdG1S6GmanpkJtp7afKMSn90Ec59qyfFEk2n/ABN8OePDaTR6FJbvYzSNGQYiT8rEehr2K9t7K9mEs1hbzynrJJErN09SKnZl8kqUVo2GChGR+VAHi3xW8r4ka54Q0jQZlu7i1vvtd1NG25YowvTOO+elN+EaJ8LbjX/Dmvy/2fM17Jd2884KpPFIxIIPTPtXsEMdtZqyQ2sUCMPmWFAoP1xTZfs93Gqz28c6qcqJEDY5z3qgPn/VLE6pN8VPFATZpOpWf2a2MhGblkA5Ax+Ge9YviLQbWP8AZwtdRj1nUJZ0htibd590RlEo+TaecjmvpKSGOb920EZhxxGVG38qasFn5flGztvLBzsaFdoPrjFUBFoN3FfaTZTpJ5kckSkP/wABFXpNrKOaiWGNIfLhjSGMHIWNQqj6AVTluPKkCZ5zigoubd3SmsvHNOVjt6UxiaBkUigYwKhduT9Klf7pNQMNwPrQBA1QyL8pI5qdlK8DmoZG25qQKrD5eeDUEgJFWZGXIqvI3WmBCelQSfMCOlTN371E1ICs3QjrVVwOeKuSfeqvMB6UwKki8VWkWrTNUUmMdKYFGRahClWJzmrci4yaiYD07UAQsppnl1K1JTA9r9KyvFXiBPDnh+9v5fm8iM7Y2x87k/KP1FX2eT5cDtzWdrXh+08QwJb6hbLcwKwkCueC3vUGJ4nY2+p/C7xt4e8R6jAtpZar/wAS/VWEoPmSSbmVyPbpk16prnjS50u+Ftb6FqOopsVzLbx5U5HGDW5e6DaarbJFf2kN5HHjZHL84GPrVho2gtVRAVReAueAPSmB5T8XdL1LxV4W0DWYNPmiu9L1KO+m05l+cxK21hj1PXFdjaeOrbxBJGdMhmubidv3kbRFRDnIYsT6V0sMfSU5Djoe9WY4FHKIEJHYYpgeU+AbW/8AhbBqfh+9sLi7tDfSXdlcWq7xIkjBirE9Dk1kr8Ib3VtJv9UYR2niSbWRrUERPyxbScRn3INe3taq2CWYMDnr39ag+yyRNkJkZyD3qQPP/E3hvV/iTY22larpy6TpK3Ect68j7mcLg7UHf5u/pWpo3gnWbP4oaz4pkW2Wx1C0hswgfDKYzndjtXXwq6MOMD0q/GoVeB1GDQBxnw/8C6j4V1LxLdXlzbyxaxcm88mAcxvjGK7xo/m6UyN9+e5zUuDgYHNMAVTu3YrKuvDMNxr2m6rGEgeySZRCkQxJvULk+tbaRsU54qWOMBRzQBSWN48LzhelKiv5n3quMnpTPJ74pgQSW7SdWP501bQqMljirqx/LSMh8vFAHmfxR8VXeh6p4b0XTdn9peILn7LAZOkajIdsd8AgisPxnfal8J7zw7qY1SbVNHu72PT76C5TGDIcK6HqOe1dT8S/AF/4km8PaxozKNb0G9+1W8Un3ZlIw6H6iq+teGdU+Imo6RHqWlto+jWF2l9NHK+57iRBuWNfbJ/HFAGV4v8ADtyviTzJrS48T6jK5ex09kC2lsoH+sc9CR1rpNH+G6yXaaj4luF1nVVGY4c4trfvhE6HHr14ruvLIY88ZPHbnrS+3bOaQFL7MVUbSTTQhj3MTznJNaH4VDND5inFAFJd2C3Y1btm8zn86iMcnk+Wo5zjNWbSAxIAfvY5oAk28E03B7mpOnFA6UAM2bvlPcYH5ZJzXl2rapL8QtYsbjw/p02pR+HNQaVrlJVWF5gpUxgnrgHBHTNepTI01vPHGdryRsg9OUIz+deI/s9eI7Xw34BPhzWriLT9c0u9uEuY5/lLlnLCUcc8YFMk6RfitcXMOgadbaY0XiLWbiaKOzuDjyViYiR3PoAM0moePdU8CeNNC0rxK1tdabrjSQ2uoWYwEmVSxUj3A4rE8WWdyfiH4O+I1hY3E+k2sdxY3UQT96EkGEmx/dyM+uCK0PEWk/8AC2vGHhWW3hlGhaDctqE11MpTzpCmyOJe+SSST6cUAM8B6tqPxg0u88Qf2tdaXpj3c1tp8dmQDsjJUvJ7kjNebeNPGmpa38IvEcep3ky654V16PTpby1YxidTKAHOOuVbmvTPh/4R8RfCex1TQbPTjrelC7mu9Nu45VRlV8kxyL22k/pVPWfgXqeofDzWtGiurRNZ17Uv7Rv7xgxjSTcGVV9QoQDPvQFjn/iXqdprGvfDaO3028gtl1q3jaa4hKK8bKwCnPDDgV7/AIDYVeF6DFcT4y+HN546h8PLPqiWEul3Ud8Gjj3b5lHHX+Hk8epru7eERwxhnMjhRubGMnHXFAREWH1PNO2bfeptntQqc81JQ0LwKXBp1JTAX0oZaSn0gGBeDQo29aeen4U3aaCx1BXvSelKT2zQQNPahW654psj7etNWTzOBQBI2O3NOT7tIq8iplSgCNaVlIUml2bWp+0tkHpQBVZd3SiOLmp/K9KRsp2oAOi4puR7VG8xbpVdpmVynfrUjLm4ChWqv5x2jjtQJNxGOKoCweaNwX+IZ9KjXcZMDnio2h+Ysxw2akCcSDd1waWSQetVx1/+tT2G7+GgCKaUMpXOKVuCApzUL27ySYxgVfWz2qpBy2OaBFKRmSVe4arkcPrTvJJYFl4HtVny/lFAEDW4boaatttOcVbWI05loLK6xheo4+lL5Y7DFP6gisnX/Elr4dt42m3z3Ex2W9tCNzyv6AenqTQBqMu4YoHAAqhoX9oGzR9V8qK6lYt5MLE+UOyk9yOma0VAbJPHtQA3Bbio2Cq3oe+an+lUtU086pY3EAnltmYZE0JwyHsfp7UASswplchb69feFZI7PxI4kgZtsOrRKfKl9FkA+430rrY2SVQY3DKwyGU5BoAr3UJkwe1VWs2WRmVePpWtgHt+FIwHrigDDkt5Vx8uTSrbvuyR2xWsytUez1qgMsWbbTxTmtSqitFuKYy7gc0AYckZaYr3pn2KTfgdMVpSQqJMgc+tDjbzUgZiwur/ADdhUU1u55rVKg81FIuRgVQGakMojIz9KrTWDOyk/eBzmtZV29aY3WpKIQmIxUMi1aKgd6ryd/rQMgMY2nJqPZhTipm54ph6VQFN+CaqXSnbWgyj0qtNjOCKAMSZW3H5j09ag3Ovcn61rzQoQTiqjWqnkZqQKDTFTmmNcnJ4q3JaBjxVZ7TBPNAFVrncDgc+9QtJuX5jzT7iMo20Cqc6vnG3j1qgHqyNnnmonkHIqKQeWufemeYXB4/GqAezBuKhakUnzMZ4pzUARfhTakao6YHtyrSqm3Jp+2l21BiRjDDpzQsfmcHmpfLz04p8cRWgCP7MOBT/ACwvFSBSTThGSaoBiw+tPWPrxUo4HSlVakCA2/fFR2+FmdXzntV8Rhl60i2wLg4yfWqArW8flzFucGrcf3qk8n5h6CneV81SABuMGnrijZ7U5V5FADTS+lK/Wjb0pgL92kan7flpoXdgUARDnJPJ60q/KTjipmhC0nlj0oAaPugdqNvIpyj+dPGG4pAN2U3bU34UjKKAI1pe9O4HTmigBu3NFLuCtjrSUAL/AA1RvNA07ULwXV1p1rc3OAPOliVmI9yRmtA/6ul/CmBGytu647YFOILYDHIAwM0/b7UvXigBhj3Z756+9I0f54xUw4pQnBJ5oAh27lIPOetOjGzg9aUfepGBzQA52wKRTnFCqWU7vwqF5vJZAwJB9KQE/FNqm1yzfMFwucU6OZyxBPFAFs/LzSLIKgkmYrgUiq2RzQBYMg/vCmtcKvGarNb7dxzkk5qu6yeYPlJAoGXZLgR9eai84Sc96JIfMjXcPyoW0bIIHAoEJGWnl2EkU4xmK7iCklT15qwtudwOMGpBb7WB/KgCZVqRQfShafuNACbfUUbacWpu75aABUweabIu4GnxvuFH4UAUvs7elR/2e73HmZ/hxtrTVh6UEbecdakCgtjtXGc+lPjs1XrkmrK4ZuBUjNtoArLGqZOKja3MhJq3984pzDb0oAjjtwseD1xR5QUdM09WokbcKAIvLG4HFSBfamRt1zT91ACt2pd1N3UncUASltq5pFcSL71GzFspwT1zXL+IvFktjcx6TpES3utTjCr/AMs4V7vIe3t60DLfibxKmgvFbW8LX2rXHEVlCctz0dv7q1DoPhd9PupNW1OcXutyrh5W4SAH+CMe3TNP8KeGU0cSXVzIb/Vbj/j4vn4LH+6v90A+ldCykxkZ59ulBRAknY81Jx6VU3bXx6U9pWC0ATtlehzUbS8gHnFV97MnUg5pRkMM80ASXSQ3UTQ3MccsUgIeOQZDCuOk0u/8GzNNowa/0YDdLpTN+9iH96E9wPSupmfkgcfSoDGWbPagCHQfFGn+JLUXFlMpUcSRtw6H0KmrvmDzNpPPU81zWueDY9QuP7S02QaZrEfS4jHyOB/DIvfPrVfS/FTLqf8AZmsxf2bqu3gZJjm94mPX8aAOu+0BuhqJphnrUW07R2OOxpuwtnigCz95d1QtLUiqRDj2qo5ODxQA2WYK/rxUL3AcVS1HVLXTpFN1cwwlhlVlkCE1xXxM+INz4N8Lxa1pdrbapbvMkDF5tuN5CqQRQB6B5gPFRyXCQMN/O6vOfHfxA1vwfZ6FKmn2dz/aNzHaOd7DY7gHsa751kkiQyIglCjcE5UHvyaAHvIM8eneqrTHb15JrI1Dxhpmm30VlJcrNdynaIbcGRx7tjgCtQKGznk0AOklCryagklJVSDxXnfjL4oaj4dk1CSLwlfahpNjlJb9JVVWYH5hg8jB4zXaaTff2po9tdmBrd5kWTyX5KZAOPwzQUX5JlHfk00txUbRZPIpu07sZ4oGKzdaoTyZarrrmqU0X7w0ARuxZQM1Hk7cZofK96h8w7jQAN8tQyY60+SSoWkG2gCrMm459KryRhupqeSYc1Wd6oCvNCjqQRVRrfavHTtWgzZHPSq8ncdqoCjs2nNLt3dKmkAI4FR/doAhcYplSSMcnimBTSQHue3kVIqj0p3l0uykYiKvNKQc9akUcDigdaoBirUq0DrS/wAQoAURFz6CnrCVOKcrFe3FSLzzUgIkO2nbcdDin9qNpyKYDQDuHNSLTwo9KTbSANtJUgzSVQDGHtR/CPpUnDdqjl+Rc1IArdqdVX7Qo5zTvtQbpQBY69aN2OowKgE27kHpQ8zdNuRQBIzLng09WGOOTVNlZm4HGKmtQQhGec0AT88djnoenTk1z+keLLXXNUuLWxjku7a2JSe8X/UxuDjaD1Y5qbxxPd2ngbxFLY5N7HYTvAF6lhGcAD3IFeI+AbfWfCcPwzOhaxLq1vrUTRX+nzEBAxjLs4bqGVuCT6VQH0PypPHOePTGOa4Twf8AFSx8YeNPEnh2NfJn0plMTEnN1GflkZfXawNVr/xZ4l8N+FtV1PxDa6fZSLGq2cFrMZC0jHGDx0wwP4GvPPE3gzW/hndeDPF1pdf21dWEn2W5t7S3O+4t5TmXcR1wxJ569aCTp/FHizxP/wALS1Tw7a6vZabawaONWhkkgyc7ymwn6jPHrWh4L+KV5qfwVTxfq9t5F+IpAYkXAkdWKqQD2Y4x9axrnRYPFXx2tNRuNDu7/QDov2MzywlUV/NJ+bPXjArsvGXhe58Q3Xh3Q4NKU+GY51mv/KbYihQTGo9g+D+FAGV8DfGWp65pmq+H/EMol8SaJdmO4ckETRP80cgPcDpXpyqa8xX4V3mhfE3TvEnhkW1nYmza01K3llJNwucqfqvvXqKLk8HIoKiOVflpVj2807PahmPpUgJ+FG7tRQq0ACqvWkZRzxUm1celDAbRjmgCLlhgCoJYz5gz6VaDbetIcMc4qiSo1v8AIOe9N+ynfkGrWR04pv8AFUlCfZ1wKeIAuDmlUn0qXaWXnigCF4xnp2pEHAp/Xj8KAvBoATZj6VImM4qPfnj0pFkKsOKALDRheSacqgjk1Xa4LEginRPnPpQBJu2tT99Qs3zUrHI4oJ5h7U3dtXmm5NZniDXrDw1pk2o6ndLZ2UI3SSPkgD1/OpKNKOQrk4pxucMARkjk4HH4nNcDovxW8M+NtVfQtP1aSK9mgMkTKjReYMDJjZuuPb1rzD4Z+NrHUvhzryeINXvL/Vjc3kJZt7soRsJgr+tOxPMfRouEONrAgdWBDD6Zp/mbunT615d+zgq3PwX8O3Zd5p7mJpJ5WYszMHYc7ufzp3ijUNU8DS+ZY+IhqUsj/u9IvYvMkck8BWXkD60yj1BMoN2N3p2+tYGofELw1pd0be61yzjn3iPy/OBbceMY9at+GrzUNV0G3m1fTzpd/In7613ZMWTx+fpXl3jP4beG7XVvCulWWj2wv7/UxeXF26b5WjizI7Mep3NgfjUknsC3OX9u1WN+VJquFEjbscHkcU7zNrBT0oKHxnmnhc0wfLk1JG49aAI3jIbjijacjnpUkjr60glRV5xQAqwluaa6tuwMj2wO3fNSfaAqqVz04GBj3Oa4zWvEFz4i1CfRNBkCRR/8f2rdY4Qf4E/vN/KgCfWvEFxeajJougBJ9R2/6TddYbRD1LHu3pitLw/4TtfDtq6QyPcXEvzXF5L9+Zu+fbPbtTtF0uy8L6bHY2cWAp3O8nMkrHqzHuc81bN4wzxkCgCe3h+XkZ4706aTy1OeKr/bioVj/FVe/uXVW3DIoGTxR+dlgKm8gbaZaMPJXHGaZdyMrKA+KAGxxhpSnTHNTPGgHGD+NVd5Vm5GT3qFeMbmySaCido03HJpy+SOOpqGQbWb0xUEcgJU/wAXNAFyRowwG4AgVmaxpum69aNbX8KTRfwFvlaNuzIfWkmbdudmwe/FRqok8ll5xQBzrapfeBSsOqs2oaIp2Lqarl4OyiZfT3FdXZ6hbXdvHPbzxzwSdHibIqFoTJDIhXMTghlPQ59q5K48LX3hy+W78NqZbfaWn0lj8jerRn+E+wqgO6jkEi/LyO9RTbY/vYxWP4R8SWniK2drd3SaMkTW0i7ZIz6EH+lad0hZgc9eakDxH45afok/xJ8AT6zBGbCeSWGYysQpATgHFeceKLOLSfhl47tbKSVfD39swNpqMWwMH5/LJ7A8+le9+Pvh9ceNtY8O3aXUEMOjzmYW08HmCZj1Bz7V0EtlbxQPF9jt2gX/AFcfkjav0GOKdwPA/ippumab4V8KarBrN9eN/aFrN/pM5cFeMsF7Y6Zr3XWNPtvFfhm4tFvJre3u0yLuzYhgvUEEdqsQW8DLGslpbuEGEDxKQuecDjirT/6rYiKigEBVGAB3AFIDzrQbHUfh/wD6NHpdrqdnIwX7XZgLc893Ujn8K7Rm27ipPHtj9KS4QtgbeBTFJ8tuMH6UAcb8TJl1LSdO0MAMdXvY4ZvaJP3khP4KB+NdbDtWID+EcD6VVu7eKZoJWiVpYclXKjK7hg4PbI4p3nNHE2Bkk0FF3KMufSol2PnHWq3nN5JJOCT6VHayETH0oGWpUEYzmqMkgZ2qzeSZjrL5DE5NAEjKrrzxVeSMLjBoaQ+X1qpJK/rQA+ZR61Uk6cVJ5hb71QswRsjmgCtIjelQspq60isxB44qu23BzVAVZQdvWoS2Bg9atOFdetVpIsLkcmqAi3VGzUHdnpTX6UADMCKZTC22jfQB7wZgrYLYp3nq3QjHrWbNGzSSEg9aeIihIUEjHNSYmgJhjg5FN+0p61WhR2jKhcU37K7SAbe3amBba4+UFOafDIzzD0xzUNpaurOWHy9AKuxWzrNnGBQBbVflH0p3lmnKtPpAMVak20KtKetUAu32o2laco3UrelSAxqFXdRSq2KYC+Xiqt6Ssb455q0WOetMkUNxikBmCPe2CuBiphb4TgVdC47UenFUBSjhcMcdKnWMhQD1IqUJhiaeAMdKkCJY9gx2705Ywq5FDZGeaRZD6cUASKm5SSM5/rWZpPhTSNDuXudP02G2mbdlo0IxkknAHQHJ4FaXmY6Uo5571QBNbpcRBJYo50BztlUNg4xnBoGVIxwR0x2xRG3OKdkegpAAy3U0hjHpn/8AVj+RP50BuTTs/KaZIjJuU55z1pA2GyWJPfmlUnBqJ15NICVn9KWJi/BNQK3anI/zUiizJtXHNIrZ4FQyPSxSZHAoJLGPag/KpI61G0h2j1pVY88UAG0sMmmbscVLg7artGeeaZQHrSU8YAHSikA+LpSyPxTV+8Kc8Yx1oJ5hI6e1RpwDSswx1oAb5fzE+9GxjnAzT0YZwT1p7ZjzigCvtLcEYp8ce0+1RySFvY55qRXIXpk0AS+Wp5pOlQ+eQCD1pjSORUgWcAck1xvxmgS5+Eni9XQSIunTSBWGeVGf510srSMq4JHODzVPxHokXibQ77SbmSWK3u4Ghk8s4JB7A+4qgPIfC2lz+Mrz4b63Z6TJa2vh/S/MkleMRfaGeFUCJ6jPPv1rZ+EPhPxB4V8FeINL1DTI7e8ury6uLdmlUh1lYnDHtiu38N6LB4Z0ax0u0MxtbMCOLzmLNgcAZrab5mKkZHT60wOP+DHhHVvAPgWx8Pas9vM9oWCyWzZ+VnLdfbOK63R/DOnaReXF1b2yreXDFpLiQ75Dk5I3HkD2qwmVboauLKxGO1QA5lCkYGMHI9q5y88MpP4vTXXcyyw2X2KGDAwm59zN9cBR9K6Fz0pjRFs5xjOf8/pQUQ+YWbC5xjikbLMpPara2w655ontDt+WgCnJdFd69RTt+0jk4pYrU7jkYqZrcL1GaAKkkxHHPJpWk253YChdxYnAAqaVVRQ7bVCgt85wMDqSe1cdJcXHxAvBbafLJZ+HInKXGoY2yXZHVIvQA8E1QEN1rF942ml07R2kstIhcpdaoAQ0uDgxRD9Ca6jTdLh0G1is7GJYLeMYAHr3Oe5Pr3q3Z2dvp8MdtaQrBbxKFSNOigDAqxJCWUZqQIVQ7Rj5fYUotyGbP3OnFTqojXk8nmnQOpyM5NAFGS1JZEBOBUs1uGXB5Jq6sIeQMeKdJCtAGatu6gfNxT2tzIQSScVb8sbTk1F8vnBACRigCrNCuc96QW4JHFaPkjaeP0qHgd6CkVHjyxBBqAW6ocgVZmmPnhByO5qbdHjAIzigZn+Rv3AqDn1FMjtTDtwnH0qe3lZZZhIeM8fSp5LhY8HdkUAVJI+nye/SnLGdvSpvtSSc0pkVjwcUAc3r3g9NXnS9tJjpmsx8peIPvY/hkH8QPvVDS/E1xHqSaXr8AstSYfunz+6ucd0PT3wa697hF4x0NZ+taXY+INOktL+AT25+YdirdmVuuaAJPLHb1zkevrUUinG3GBXKpquoeBJEg1Nn1LQt21NSOTLbnssw7j0aup+2Q3kKSwSiSKRcq8ZDKfxoAiaFm5HNZet6/p/hy2N1qV5DZQA48yZ8KCexratWMluWPDZ6V5n+0ivmfBvXyyecY/JcJgEgiVRwT04/nTiB1Wk+ItM8R7/7Pvre8K/fED7iv1Uc1prH8pBAH0rwbT9K1PT/ABk/jmPR/wCw9H03RWM1uGCtfMFLKdq8YAHWtDRvit42vFiuBo0U+m3Vi9xFdSwmNIHA3Bc5+cEA80yeY9YuI/3rYHG78xjmqVneWuoRlrWRLiNXKEoedwOCD9K8l8I/F7xNqVx4UudWs9PFh4gjm8sW8h3wsihvmHcNj9aNP+Lk2j+Fbi5bSrLTdutTWMrJnyYjz87Y5yT3oDmPXLyWG2eOJnVHkzsjZsF8dcfSoY5rZow6zRYDbSVcEA+59favOLz4gG+uPBM2o6PZzvf3UtvHeRy5SE4Y/L6hgpI+tcpa6xZ+F9C8dC40+bUNPtfEJzEkpDRqWG059Oc0BzHvLxgoQRn61ntb7m6ECuD1j43R6Hq2p6f/AMI9qFwunwJPPJHhlWNlOHye3Gav6l8XtG0q4h82K6mtDHDLJeLGRHEsh+Xd+Y6VJXMdRNahOlVpLVPSsLV/iloWk3Dw3k00BWVYBK1u3lmQ9AD1J9uldM7Ls3AhkPIIHUUFGU8JVyO2eKgmjMee5rRZg56VBNCWPFAzMkUqMmoHYsMYzWhPbswxiq3klevFUBSYH1qJpdvGauTRc8VSuItvI60wIml60yRgyimMpZT60w5A60wFkT5R3qLJ9KepPrQWoIPoBoxkcCpFjHoKY272o81vxqSCwI18vtUihOMdagjb5DnmiDLy8UAWGjBPXipN1MaM0IpoAlVqmVl289aqnhqXPWgCx9KPwqEOcClWTccVQEytilY0xfvUsgO7rUgKvKsT17Ui429eaZz60bd1AC788Uv4UzZtpdx45oAXJpfwo/hpmSvemBJup6gbetRAZINWFUelICE/TNR9zU7L+FNMY28HJoAYv6mnU1aeMfxGmAbepFMG7PSpvl28GmhlXkmkA1VJPPFSbfk/GmtcIq8kflQsyyLhTkUyRWXb0NRM3Y8Upk255zTc+ZnvxSAi3qzbAfmzmp1hxznrVKSMxsWHB45qx5jBwB0A5qQiWTCGzz2pYVCryahWU7cZ6nrTlba5HUVRQpOZNvvVpBhTVOP5pgewq2x4OKkBGmVeMVC0mWPpilaoN5VjkZqiRTL7U1br5gpHehlLdBTfsrNIpPAFAD5pSpBX1qTczAZJpjR8+tTJCWwegqQIzIU465pFOc5qwsCq2TUrQKy5HFAFL/loKtK25cd6RYBkcZqZYgpzQBU+zlmOexp+3a3BqzwcgVxfxG8ZSeD4dGt4GijvNY1COwhmmAKQluWc+oCr+tAHUFcyHIxzT/J4wDnvnpXCfC3xZqvim88SW2oyW17Bpt6tvbajboUW4BXJG0dxXobqJk2sCqt8uejc56DPWgCHyBjp743An61HNDuxjnua8o+B8k82veP2vr26vJdP1g2kH2uVv3cW3dwCfpW38UPiZeeB5NttYwvEtjLfSXV02IyV48pAOS561QHUtrWnLr0Okvew/wBpvGZktQSXKdzWizKpQMRGZCqJuIALE4Cj1PFfOfjT4s2mjeLvAXjaSzFvcap4euAEjG4q7bMFj/dUtW78RrHXP+LcSXviaSR7zWIlnlsUCwjcjEFSOwPSlyhc93j+Y56ZGQCQCPwpGuI4TiSWND/FvYDr0718veN/GuqWGsTX9n4gub2Kx1+3tZ5lmCQRxnaDAF/iPqTwDmqviXS7XVdQ+Mcs+qXFy2nRQ3Vh/pR2xs0ZfKDuC2OnrRyhzH1Omo2klxJCt1A9zEpZ4RKCVXuSKyrbx14eupriKHV7W4a3ha4lRZOfLU4JHrg+lfPUY0zQdc+H+oWETXM2qeHLn+0BHI5e4l8lSu9ux3Z61neAbyaPxp4a1aLSdQuNPOk3FnJaW9kVS3bGViJP3mHQk9waYcx9Daf8YPC+pa9p2iWt5JNqF8N8KpEcMgHJPoPfvXcKx28kZr58+GM2sXfiptf1Lw7eprOozJbIkkJWLTrEEgAf8BAzivdUZ9pHIK9akqJbbbuHrUd7cR2lu80ziOFAWZmwBgep7VRuNQitIJ7u5kENrEuWdjgDH9a5KO1uviJLHeXqNaeGY23W1mxIa8I6PJ6L3AoAZ9pl+IlztPmWXhZG425WTUWHoe0f8xXXx/Z7W3S3t41it40CJHGMIFHQD2psajKxhNqLwFC4A/AdKmkgAbjPSgBsDBfnJPJ71K18V+XGcVW8tuFwSOtKy/MfpQBJcXoZYiFB3GoomKXAOaWOPcq4Xoak+zvJNkAYoAHvJd0jBgEzgcUfa5Xl2n7vrSy2rAYOMHsKQW5HrQBY8wNHjdkiooX/AHwp62+1QM9acLcIRzQBNNLtRsDtWasuAzOe/StDhuOtV2gXd939KAKceTMz9j0pdoU5IOa0lgjWP7q/lUTIHBAFBZnFQC5Izmo1QqI8gn61f+zletIyNxQBTRRhuKZIzKwI6VbaHapOKjEe5aAKxLNk4707nAIODipmhbaOKcIdq560AUZtrwSQtEGVxtZW5Uj6VxOoeHNS8Ksbnw/vudOYl7jSWPB9WhPYjuOld+8e7jFRyQvuDDGcYz3oAwvDPiK08QaYLi1fDKSrxnh4iOoZTWb8QvCcfxA8L3uhXF3JZ21yFEsiLuOAQwIz7gVPr/gxry6bVdKkXT9ZXkyr/q7gD+GRf60zQfE/9rTvp+owLYazH961J+8P7yHoynqO+KoCHSvDP2Xw+dJvZft9u1ubd3kQDehXbgj1xXD6T8FpdB3xR+Ir+bS41kS2tJiGS23AjqeWwDgZr2FY9oPY9KgkhJbjjigDxS3+Cs+n6f4etY9fLLoTu1v5luozuGCCR144otfhPqun2l+tvrEUpvL576SGa2zHJnO5GH93mvYGtdp5wfbNRzWpkbcABQLlPE4fg7eaXpfh+Ky1C3ibTdSfUfLZXKZOR5aewBIHtVPWPhdrF5p/jWzFzYqdcu0uYjub9zgjIPrwv4Zr3GSAndu5PWqwtSAAelAcp4vqXgfxFLrGvXhtbOT+1dITT/LjuMFWVSu7/wAeP5VyfiX4Z+NNQ0kWn2CK7VdPhtoNtyFEcqEFiR3yQcV9JXFuCgBAIHTiohartz3oCx4fdWPiTUvEul3OteGLw6ZpMCyW9pbsrxyXWAA7nuAK9Rt5pZrKMzKYpWUMyE8qSOR+FbLKyKQvA6VTkjBc5GTQMoNIEz9KZb3BbrU00IYVAkflt7UAOkk25qhLOGzmrk67s4rMmjbzCMcUFCLIGAHWmSovXvSrHtAqGaM8sCfpQMheEMTjiqs0RjPAzVhpNv3uDULTbic0yCHyztz0NR7TVmmbRTA+gTCWqSODaORmoYbwSM4b5ccVb85N3XNSQRSQlunFLbwMsgIFTNMq84zT1mG0HBoAew3e1IqUrSDnFQ+ftNAEzRjI5pNgqETlmXj1p6zBhnPSgBxRRyetRrIFmx60nnB5vb3pnym8TByeaYF9VXrQ1M3YxQ7HaaQD/lVck1EsyljyARTeWXrVZo1U5OQc1QF/O6q7K/mY6CpYW+WnM1SA1uFFMRS2fpT2y2MDIpqqyk0AKiuu3uMVY5256Ui9KCc5Ao5gIpJW2/jUTM4UkDvU/l5OO1PKbRigCkrO0nORSyM2PWrGznpzQYS1BJCrMsOcVHIzFRj1q3HG2CpHAo8kelAFZVDxnIJIpYV8vGOKn287af8AZwpGakBgQNnIzQq/MQBjiplA9Kd5fccUAVZICVH1p8cI9amZTtpqe/FUAxoB26U+OAc0jsO3JqS3+ZTmgBFjCtgCpG7ChmVe9NEg69akA2j0pDCvGKVpwvHc0xzIoD4GDQBIYcLwMUzyjtzup/nFY/nHtULFjkY61QEsQT2JqdcdMYFVYoiuO1W14XmpARwFwScCmtIu0lSMUkxDqR147VUVTtXg4zQA/wC0MJNvcVJ9qDMijknrUEgKuSByRim29uVZSetUBMspRmyeK8b/AGiLy3hvvh3cXiGe0j1+NZIwm7IKNkY717PPAQ5wBhhXNeKvh/a+LJdEku7iSN9Lvo7+PYOrJkYPtg1IPY848M+GbjWfiF4pvNGlvdC8K3VjbxBoR5P+lbzuZAehC4BIruNF+F9jpOoW97NqmtalcQMJEjvL0gHBPBUHB5rs1hfjeSxwRn69aeiMxxg4qhHjfhDwx468N614wu7bT9Na11zUWvEa4uRmP5doBUfrUuqfB3xBrWpWWqXfiWIXT2c1tdI0O9EMjnHlA9wOA3XAr2hbVSozzTRHs4H4UDPFbH9na3Sz0C3v9duL+DR7Saxhhkt12vG/VT+AH5Vt2fwS0SPwvZaDd3OpX9pYzrcWnnXH7yBh02sPmAHpmvUEtdpGABx2FP8AsYGNvAHYUwPNpPgT4Mbz2OhJcNcSLI6yOxQsDnIB6Eevet1fA2g281zJBo1mHuAolZYs+YB0z6j2rr1hVjlsA9KRox6DjpUAY9vo9paqiw2NrFt+7tgUbfYccVdhh8tjg43HJ28Zqyqk8CpFgTrnmgCFot3BJI5xn3qpqGoWWhWM13ezLbwIPmZzwT2A7knsBS69rVn4c09729mEcOdqActI/ZVHUk1g6Voc/iS+i1jxBCsKx/PYaTK2Uhzzvk9X9uxqiihpmi3njS+h1LWIGttJjbfZ6VLwz9xJP+GCBXdTJuABHT2x+lTLt3EjjPr1/Gj5D05qQKqwjPT9KVoiOauoq4+7TW2bsY7UAVkgyM4qP7H8xOOKtmQRruHTpVf7Z94Y5FADo7cKpA4zSfZyhNRpNK3J49KbJdSFCpOHzxgUATG3UkEnmkaNV71Cd6bQXy+MmormZtwHr6UAWVwzZyOKfKyHGMZqpHGfJZgTUW5zsIzQBfjKjOeKTKtnFV2k4bNRRzFsAUAEk7LIwDZHpUkEqeXufg1Cq4aQtnPOOKXaXgUYOc0Fj2vEMmzHvQ0wqKS32y5VTnbUeG2jKmgB1xN+7xin2qboMkc1HNE0ijap4qxao3kjIxigAfaucjtVT7Qd2McetXZo9ysP4sVneTJt6d6AFeXaxwM1A90VQ5XNTCFlkORTNhBYBcd6AKb3gkjaMryRnBrE1nRbfXrOITiSK5hJa3uojiWFvVT6etbf2OeSQyOgU4wNvFH2d1h2sM+gPaqA5HT/ABbd6DdJpfiRQJm+WDUVGIrjsM4+63r710y3G7POT/s0y70qLVbJ7O7gWeBuqMAfoRnoa4//AImXw6Z2ulm1PQGYLHcctPa56Kw/iUdM+1AHTzfNcAg4I7UNeBQdyGmW7R3ix3MD+fFKNyyqcrjrTtskjHIyO1SBH9rR8kjGBVaTUkXAKk/SpJLd5GOFwBVSS3ZWXI5zxigCxHItwucECho1VS2eKS2JWRlZcCnzAbWxzVAU3lX8KqzMq8gjnoKZKCTwD17UxofmyRn60AN+z7gSRzUFzbgKOxrQX7tZ95u8zGeKAK7KB2qrcKucd6e0jrnnNVJZG37sUAIyFe2agkXOTirSThuo4psxUKTjiqAyLqDcwbIquYu461oSKsntUSxqvTmpApEkA8VFn1q7MnpUPlj0FUB7rHA2WYjvVi3TgkjPern2cg8jANO+yjscCsyCm+7b071YjY7V4qVoMDGKVYzQAkqnr0FQMueRzV14w0eM1AsPSqArSK6opWmRQyMxycZq4oWTI/unFPWMKRxQBXMOSBnnpT4rcLIDjn1xUzIv0pVZV6mjmAUrzS+WSKXzUJxkUu8evegBuzHake33LnFOkYYO3rT4WZl55pgQqhWnCPdSzSBXCY5IzTFk2qTnnNICbaVUClVR3NQNcM2TTftBZRgc0Eltl+XimLTVlbbTdx/yakotR4btSTYDDnmoVk8vac+tQtLuUknJJzQBdEY25ODUbSCPiobe4ZXIJJomPIJoJJ/OVV5qI3K7SfyqFctnjIpnkljnpjtVAPEjNKpxirLklc56VCqksueKnY/IygVIEK3AX5T1NSrISwGarJbs0gY9BVpYSrA1QD25OKqNP5bOp7E1eCbeTUE9msrbvXrUgUbe882YKF+9nBq5DIeadFaxw4wuCOnHSpFhABwKoCGZTLgDinwxOo5X8akSPDZzU4YtwDxQBV8jc2T1qbaWVVPGKkxtNMaTaw9KAEuEHHGdnNIke7BIIq3HiUbgDT9vTigCAQ9KNv8ADU0ny45FRfxEjmgBY7cD60OiqcU2OXPXg0/yy8m7tipAiMI3ZIB/Cl2BjkDmmyMyysrH5MZGKfp+5gcjvQA5Yt33hSiMFiMdqtSJhSR1qsu5c5HJoATy/UVLEny1GWb7uOTViNSqhT1qgEZdq8VCF+cdzViZW2cDFNjKRhQysznvUgO28imzTeQp45q1szziqd4hZhx0psCrJcNJt2/Kc80+afy0cH7w6fWnR25kbA69eaS6gHBxkg81IFFLuZVj3jaWOaq+JvFFr4ZtWmn3NIxCRQouTK56Ad6j8Va1a6PZxu4ea7lbZbW0I3PI/oB6epNQaH4MunvBrmtv5msSDascZ3R2S/3Iwep7E0wKuheHb/VNT/tzxIFbUFGLTT+DHZj+TP6+hrrfJLEMpLZPJPWp4bFVzwF/2Qcj6VcS3VUwKCigUEch6njNMt8NIM5GfatL7OreuackCrxjpQBCy7RxVKXzPtBwMrjFabqKZsxzQBQW1kaMA885qIWTeezEcGtZWzkDimMtAFL7Kx288DimXNqd6sOgPRauMwVgpzUqxjaSeBQBSNuZBu6HtUP9n+Y+5uCKvTSCP6e1EbLJ3x9aAIYbNVVgcnNMaxGdo49Ku/dIGaazhWyxFAFCay+Uqo+buTVaOxkjYbsD6VqyTp1zVS4k8zkOqAHrQBIsaso+Xn1poh54FTbtqnnPvUP2pfTkUDCRPQYPSo2QBRupxuAct2NU7pzLEyhmUg9RQUWO3y0zJFRrMsCovLE96WWUq2QOKoBzevejb8uaqSX3zdKspJ5keRUgV5GG7GRmm49earzf68t70ktyVYYoAsMBjpUCyRyEqDlh1FRzXbLFgDmqlmxaaUlcGgC2y/Ljt6VXnj3Iy4zGwwwPcdxTb26kikCIMnk1TXUJHi3OuDnFAHMXuiX/AIRuJb/QUe606T5p9HPQf3nhPb3XpW1omuWfiC0+02c29ejADDI3cOp6Vda9fnHUDn3rz7xzdWfhmN/EVvf2uh3o4l+0viG6Gc7WUdG9D1qgPQ2DL95OnXkYqrNGpXHT6V8rfDj9p9b/AOL2qWN87x6JrFyBZs77lt5TxjJ/hJ/M19ODUVZnABIB4pcoEskZj5P51ESrd6be3W6M84FUFZ90TBuD70wLckKrjGKrzKF6ip/PXv1rNv7s7iFPGfSgCVmGOKo3UIkbIPaprqQrbsw9qgWbzF5GKAKMlvuzzUMlrhcVffaGqOSgDOa2K4H40ky/u/arUjbeepqtJNuUjbTKMx1+Y1XYlWOK0ZI1696gaDuKRJT83pupGkXPSnTW5yc1WbhsUwPpA3AZRSm529qhVT/dpJI2J9qggebos3GKtxNuj6c1mxQO8h4wAavRkoNuKoBkkhDkdqZ5h9TUvklnyaGhG7pUgVt5jywHBPJp68t+FWDAu3aRgHmhbfBwOR60AQx8g5prDFWhbDB5prQsOcZqgM6RStwCATxViNjtwR82an8nvtOaesJ3ZI57UAV2ZgwAHPerUDNjkU8Wp3biOTUyQ7cnrQBSnjMk2/oQMU1ISwHrmr/k55wKXy9nagkprbNuYHpQtqe3SrZ+binqoUDmpArrb7V5NN8o9R0FTvIOaFK7TQBAbfcvJpqwA4GOlWNy8DNHG7ggUAQfZzu96dJGCpBBJqbzk3Y6nvQ0ylsYoAhhtyIyTRt2jJ4PpUkl0F4C5qN28xoyOlADUG96tpCOpNV42Jc4Xp7VOrloSc/NQABAzY7VJtHT0qmkkqyIB1OasLnq/wB40ALIwC4HJzUsanaPpUCruY54OelW0DbRkY4qgK1xlSOO9DSDin3SYUZYnntTDbtJtKjipAay7uhxUkeduAORxTWj28Hr2qWMHb05zVAQyzFFcbcnAqWONWhBI5Iyala13Nk8ZqRbbbxnigAtWG3ZjFSsvBNLFGBnAFOZeMdqAKF4u5Cy+1MXd5qjHGKutGuCNtIIxwcDNSBRjDMNu3LZzmryxNtyBg+lSxgR84H5VKrhunFUBn/Z2kY7hgjpU9tAYwc9+atMm75qUc4oAhKk8Uq246k5qXbz0o3betAEbW67ge9L5fNS/KeacSMdKAIc9jSgDsKRvvVIv3aAG9eBTGTHWplAwOKayMx2ggEnaM/TOc0AVri6gsxE00qQ+a4iQuQu5ycBR69KxfFPiGPREitoIZL3Vbk7bayj5dj/AHj6KO+a+Q/2qPj9NN8UtK0vQZ/NsfDNytxPsP7uW5VlO3I6gZx/wL2r3v8AZz8ead8RLO+1z7LfNrEoEl1d3kJWNR2iiJ5x9KTiFzvPDvhGSxum1XV5ku9cuFAaRSdlsvZI/btnvXUKu5s4wf5e1O25OMYqeOMIvTNMor+Qd3FS+WfapM4z601efzoJBRtqKZ9mTjP0qZlNQyfKrN2Hagoreecg4496dJP8pCjnHemSKZ7fcFKluR605IJH24HG0ZqSSG3kfaxf17VK0hyMdKe1uyfKB1p32ZguKAK7sGIbnrSzXBC496n+y/KBnHeq1zGWYbQeKCiObd8vTBFRLJ+8Iz0qz9n81OQQaZ9k8vOBzjvQA+3ZjjJz9ahvE/eb2OB6dqnt7d9uT1qVoVkX513fXmgDIGWjbG7r3pqwkRjgk7smtj7Ou3AAA9KelqMUAVf+WOdpPFVvLDK2BzWr5O1cVEyiPsKfKBlNGSu0A+tJ87cbcVpbVznvTWA9KRZmzW7llOKiuN+4Lxg1qN901WkiDNk0AZslo+7saswxtHDjqTmrWwUm07TQTzGDJMzSEFcAHFBt5ZmDofk6GtOS0QtuK/WnrGqrhQAPpVFGWbV168/Wkgt2jkdz0atKRMg1WI7YoAzrmB2m3he2KqPaSeXhsEA5xWwyD0qNlHpUgZX2c5LeoxWLr3hHTvEmmvZavYQahasTtjnAO0+q56GuqkXj7ox9KiZfl6VQHyl8Qv2KLS7dr3wfqP8AZlyCJEs7o7o9ynICt25r074SyeKF8OnTvFdjJa6zYMLeWdjuScH7rg/Tqa9ZZS1QSL1U8jGMUcwrMw7iF7iPG3bVZrd441AGccVuFODVZ161QzJwwyCpzUMke7qtbDR98c1DJGD1qQMx1/ckHkVSlUrjtWvJDx7VXktlYdKAMg53EmoZpXXoa0prVF4xVKa3C0AU3mPGetQNIeeKmnj2nI5qBsnnFAAG3Kcimsw9aSRTsqpI5XvQA+X5qg8odwPyprTntTlmG0ZqgPoqSPyjzSx4kyM81DLceZJhjz2pI28lnOc8ZrMguLbhEyDzmkC4kGagt7lmXJ571MuWYH3oAn8vc2R0pWVc1KF+U1BKB5nJxxQBHN94U3zQrbCe+aRmNV3UtLkg9KALjTIvQ5piXStndnjpVbyjxwetSrH8xG3tVAT/AGhPWnxSCRifSqscLO5+QgD1qxbxOpIA4PWgCxHKJF56g1NgelVI4HEgxkr71dK8UEkcmEUkDNQNNtU5xyOBUjKzNjHFRy2m7kmgCCOT5ck4OeKV2dlbGakSzww5qx9lDKetAGZDuZo8kn15qf7yuBwRVv7Gq7Til+zqDwo/KgCm0R2imKv7zBz09K01hB6jP4VJ5Kj+GpAylh8vkLncc5xUv2ct0FaDKB2pvPpVAUvs5j3Z54zUdvbvI0bLjA7Vo+X5gOTikjh8rO2gCGO3decgZpv2Ft+d+ATnGKvIAV5FPC5qQKLWe3a3oetP+zq7DrmrxT5cUxdq1QEMduFbpmptu7ipdq9Qc0UAQeUd3PSplTC8UrdKbuwpoAhktlaQNinBMHhePpT0YsOtS4280AR7c5zTal3UzbQA+HpTqiVtvFSbqADHXio6k3D0ppIXnFADcjoRSxrzTNwZqXcQaCCdW7UrEKpOKg3cinlty80FDlct6AUyXPXNMVfypwXdx2qRhG1TGQY6VH5ZToM0zax7VQDs5epM1F5Z4qZYztoAN1c38QpNf/4RHUYvDNuLnWbhfJt9xwkTMMb2PoB+tdIkJJqRomGOT6UAfN3wx/Yv8P8Ah24XVPF1wfEus7vNMchItlkPLE/3jn1r6J0/T4NOtUt7aKO3t0+7FEoVR9AKuRp5aYpghLE5o5gBWBOKm/h9abHDtapNuSQKAI6eqhQOKAnNOKngUAJ17Unl55xUvlj1oqSiIx8AAYxQqbfapf0p2BVEkLLTWU1K1J2qSiLbTWi9KmpfloAreWVokhyM4qViMnmlBXb1qgGLHiMcdqYyn1qUuMdajaQUANWHdzS01ZioPpTBNyfegCVmqCTDdqSSQqeOajaYZHBBpgO8segpGRV60xp/Y00zhu1QMGAwcVAyj0pWmKk4UiojMW/h5oAk7Ck/Cmecdv3ab53saBCSfexTG9BTZpmXomarfaZGP3cUDJmaq0i5bjineY7dqYzN6U7FDT6VEy9ac26mMzKKOUAZuKhk6U2R2bpULTP0xRygEny8jrUDKW5o8xuflNRPMy/wmmAki1XZRzxTmnfBJGBUHnH0qgEkWoJB7VI0/XNV5rhTyMAdMetADZPu1A39KDNu4PApkkir3qSiGbvVG6XNX5GUrmqE0i7gDyPagkpvGN2McYqtKmDxxXFaNcX/AI18SeJpG1a602PTbtrG0t7VlCArj55AeWzkUzTNY8SReLLPRdRmtyJtMN1zFtdpA5Q89gcZ/GgDs2FV3hD5+UflWN4M8SXPijRnurq1jtJY55ID5blg5RiCfbpXQSLxkd+aAMuaAq3FIsZ2/d/Sr5jyckUzaaoD346Y7ZLP8wPXFTHTijHJ3BuM1fHcdeaVsDGTUkFBdP8ALwAfarMduFxmp12tnHWj5V6nNADR1x70Naq3zHr2pdvcU9WzwaAIltl7gH8KRoVY8KPyqSSRVPWkWT0oAjEYQ9Aad5Y64ob71SDGOtBI3bx1pypRu96d5g21QC4A705gcDaM1Bvp6zBe/wCtAD9p4z1oMeaas4p3nbjx0qQGiPmpY/lzUTMeoNSowZfeqAVjuFNVQvU5NL92oZWJPFSBYG1e9Lv4NVVc9zmn5NAEmAx5NRSMFbFI27tTCpYjPFHMBZi5WnKo9aiiBwRmnBTmgB27DEUoba1Iqdacq5oAWSbI4qEndTpFI6CmqrN2oAkVsLTwxxUXlOKXay9qkB7vxTFUuDzSMhZSamt/u1QCIPLGDUhO7ineSG5zRsxQBE3y4ozUkkZbFOWADGTQBAqsWPFP2ndg8VY29hR5eBk0AR7ahlVm6VZVC3SnGI4oApxwljk8YqVrfd0FWE+6VNH3RigCkYirc0rKxxwTj8P681xHxx8eXPw98Em7sVVtTvrqKwtNwzskkIAfHcAc/Wo9R+EoutIijGtakNdj2s149wxEsgbJyucBSM0Ad5HJEG2GWMyKPubxu98r2qK01jTr24lgtby3nlj++sUwYp/veleIaPrFv4T/AGjfGtr/AGffaislhazwR2iNII9x+fGeAD7daX4F6rBpfiD4s3I0m4tjFqkUiWqwf6QEdP8AV49zzjoKkD3848vIH9cUyNdy1z/gbxrD450+5u4rS4sXtbp7Oe3uuHEikbhx15NdL0Ix0qiBixbuoqXy8KKQNg4p56GgoRSB2paiVs1IFO2pGG6nBuRUWG7jigbs9KoCwzCmK3zUL70hX5qkCWkZqTB/yaXZQUMZ6TzivaneXyeKc0eRyKCSLzjIQMYqXdtWopJI7cZZ0T/fYKPrk1Wvdc03T4UkvNQtbaJvuySTKAw74PrmqAtGQt2qSNTtrjvGfxG0zwjZ2tx9ts5DJdQRSo0vKRueX49sGup0nV7HXLd59OuY7yBWwXiz/WpKJ2VuwqIxvg1a+nSlwafKSURbOxzkgU427Y4NXPbFH3uKZRmyQtu60LCavtHjkjNN8v2oArCIbehqJoPm6Yq+3H5UxlyKAKYhznJpjWxbpVsoKTp0qQKjR+XgEUnlj+7ViRdzUjR7cUAV2jHpUEkR3ZHFWpW9PqP61xXh34oaP4o8Y6/4as3LX+kMokZjhZSeu31A6GqA6d1OKZt9q5fxd8QI9F1qw8P6ZZNq3iDUEMkVor7RHGOryH+EVnjx1rGj63BYeI9Fhs7WS1luTf2tzujAQbsc9OKXKB2rLURhrz3RviJ4l8ZaM+u+HdFspNHYsbZbyYrPdopPzIBwAccVg+IPj9Na+BYPFekaUl9Zx3S2l/Zu5E9tJ0YAd8c0wPXfL254quy5zXDa18TzfeBLTxP4aa1vLeaVEkS7LLt3YXBx0YHt61nH4ia9D8W4PCc9vYPaNYm/a4i3Bio4KjPfNMu56MabIu5eOa8y0n4m6q3xC8XaJqsVjBp3h+2W7kuYtxd0YbuB0zwaXwv4w8Y+OdHGv6Rb6faaVOC9jbXas0s8YyNzEcKTjoemaYXPRCu0cioWA9K8qv8A4p+JbfW/A9jLp1laHxB5iTJMzFrd41y49CM5wavaj4+1ux+LGmeFhDYtY3lm96ty27eEU4Zdo756UguehOuenFM8sNkE9qlYhcioC21iaQXK0qYyDzVdocDpVx/mOahk54pgUJYx3FeR/FTW30Hxdo51XUL/AEjwvNAyte2Pyok5Yj943UDGMdq9X1jVLPQ7SW7v7qG0gjUMzSkd+BgdTmuT8Vx6hdXdtLb6XH4h8OXNoVubUSLlm3EjAYdwaAHeC47weHrZtQvV1OVmY/a0IKyJuO08e2K1nhBXrmuD+H9n/wAKz8Lm31ktplpPqEv2KGUlxbRt9xGYfT6DmvQNyybCpUK3Qq25SPY0gKcikcZ4qpJGQ24GtCQDdnGQc8ZxiuB17xBfeIdX/sDw7MInhYG/1JV3LbjqEX1cjtVAZ0mgap4S8SarqOlWb6ppuqOLmW3hkUSwTYG5gD1DEc/SsLXNJuNe+IXhybWNNuEtGsJY2NsW2QuXBXLjknBr1Vo/lUH5uh9fxpCzrkqSDnOR6+tBJ4f4a1ifw14V1H+z7sKljrEqNDdRsWljeUYGT0ypJ3dq9cjuFkjVlxtYZGOmKy/E3hx9dsJbKG4XT45gY5mWINvU44+oxx6ZrQitlt4Y4kztRQo3dcAY596Boezd6Zk0Ohx1NQ5YUDPo+W4KuAvPrTncsuRyahaF99P+aPisyCaz/wBWxbrmnTHH40kZO3pTmXzME9aoAjJ2jmiTK809YzTZkbHSqArTMSucd6fETsp4QvgFeKm+zhVoJKu5qdGSetS+VuIxTvsvzZzigBg3elJJnlem4datLFyKWSEMR60AZ6oyKIyxLAdc1J5fy7qtfZvm3YzTxGrcY4oApCpYQc9KmaAcAKB+FSRx7eKAIZF4pYUb0qwyBjjFSJHtpAQSRnFQ+WavHntmmFB6UgKiwGpkh+WpQm2nLQBXaIrijaG4IqaWm7SwoAFjWMDFJt3E44pQu7jvT1Xb05NSAkajoTUhj9BSLHzkincr9KoBjJxQqU4tu4p6dDVAJ94YpJI+KRmxSrJuqQGLEQOeaauV6CpWJ55qPcaAJFzxT9tRp+dWl+6OO1ADVVaV1Ujik2tuPFO8s9CKAGIQM0x3ZuAPlqUwlMdxmvBtZ+Il1rHxD8VeG7jxQ3hC/sm8vSrSRAsd0vlg+YXYc7iTxniktwPdoyQOBTvNI6jNUPDa3ieG9LGosH1EW0QuWXoZdg3n881o+WGpkEe/cc0rKdtPaMKelUtd1qz8P6TPqN/OtraW65d25Of4eO+egA69aCjj/i98OW+J3gmfSIrhbW/hmjubOeT7qTqdyZ9jUWk3XjnVLWKy1DRbXR7rYFuNQ+0B1yDyUQevbuM10XgvV9V1vSW1PU9OGlpcOXtLUtmUW+cKX9GJ5I9DXQKSq9WyDx2oJPPNF+HeuWPxg1jxfLd2Zsb+zismtgG8wrGcq59yeDVbQfAF94A8QeLfE8l3Jqx1p1uJ9PtLchlKDYoU+uO9emq3TjCjj29cdf5U17q3imVHmiimb7sbSAP+A60AcD8IfCd34WsdekeO6tNMv7/7XaW92d00SFAHLHryw4HavQlT1A/CpFGCPbpS/hQA3yx6c0bfapNtHcUFDEtwMmnbR6VIPu0m2gZGV3cU3YVqxijbntS5QIlTPapNo/uijbS0wGZFA+binMB6U3IXmpKF20jdKAxOaR+lBJ5P+1BapcfBPxFcDctxaRrJDLG5Uo28cjHtxXmnxq8QWWq/A3RobXw9qNtFBLY+Xdy22yNA0ibjuPZvbrmvbfi94Xv/AB14B1Pw7pzW8U2pRmBprliFQZBBGPcVkeMPhfq/jz4W2PhS51K0sp/3Cz3MSs4Ii2lWXPXlRVxA6LXvAul+KNPij+zWkEvnQS+f5CnKqc7Rx0xgV1UcMMK7IoY4UJ3bY1CjPrgVBpcM9vZ26XcyTXKoA8iLhXIGCRVv8KAFo/CilbtQAxieaEpWXpQPlpFCtTaN1NLc0AIaR/u08dzSHBXpQBFz6U11JIIqZh7dqjapAhYnsKY0h9KshRtqGUDigDnPGniOLwp4b1LVJjzBAwjTgZZuFX3JY/lXzPq2h+I/hPdeHfHd7p9rbRwubfVJobjfJcJM2SSPUE/hX1H4h8M6X4otUt9Vs0u4I5BIscm7G4HIP4VDqXhvStUs1sb7T4LuyXAFvMpZBgYHXrj1qgPDdWvYPD/7RGmeK72dV8O63pItYb3O6JHGOCQOM16N44vrLxboN/4asLqO+1HUrSaONbU7/Kyn3mI6ZI+tdU3hvS/7KGmCwtjpijaLQxhogPTBHFM0vw7peiK6aZp9rZbvvm3QAn8hRzAeT/A/xfp3h/4aWGmaxcx6bqWiRtBeW0xKsmwnBUHrk157oGlS6L8N9d1W9i+zW2seIlvLKCYDLRbj1GOAQc19L6h4b0vULpbm6021urgYxNLArNx05Iqa60+C6UCeGG4UdFkQMB+BoJsfNPxW+H+p+BhPq3g9DceGtWuITfWKElLeQuGEkY9DnJ96u+OLG01f9ojw5Hc3NxCJNIkjklhcxsr54Ukd6+hmiRY/KCIseNuzaNuPTHpVaSC3aTe0ELSf39g3fnVFHzbZ+E7Jvit8Q/DltdzhNV0SOCKa4kL5m2MGG49wSK6X4R+OdP8AC3gfTvDviNzo2s6PB9mlt5kbdIFOQ0eB8wPUY9a9rNrDtDiCEOD9/wAsZH41UvLe1mlDTwwzSA8PIgY+nU0AeB/Gy9tfEHiD4azzfabCN9QmDbcrIsDJhXJHKg+hqrqem2Hhb4++EZLa9upRNp1xHJNdzNJsZjlASexGOK+g5LeCYkyQwy5GMugPHYVDNa2zMZPJhZlIIfylYjjHcdqAPNdBOv6b8QjYzazJrFjLYtcXatGAltLn92qH3XnFXdcuvHtvqtx/Zun6PfaduJiEk7Rybc8ZJ74xmrOgfDc+H9cl1JNf1K6aSVppbeXbtdiTyW64GeB2FdV5YVR82R2wePwoA8/k8YeNLE7rvwK1xH/esLxXx+fWsfUPi5qt1qUGh6b4VvrbX7lS0cepbUjROjPkdcE/pXqUiDqOTXnXixxF8WvCEgzl7G8i/EFW/rQMZpvw1F7ex6p4ru28QaonMcLfLawZOcIvQ4PfGTXZybVxwML046VLg9hgVFLleozQUUNRt4b63kt7mGOeGUYeOUZDD1/DNcJcaVqvw7VptLE2seGxy+nux8+2H96I/wASj0r0NuuQMfSoJM5YgYHAPvUgeTeIvila+IZIdE8O6jAl9eQ+ZcXkjBPsUOfmyp/j7YrqPDun6X4d0qOxsbm3KqxaR2nVnmc/eZj3JPNctongfw/q3jbxo1/o9pdOmoJIDJHgjManr+P61sT/AAj8Jbiw0SKLj/lm7j+VUSZfjLXL248YaH4YsLv7Al3byXk95Hhn8tGxtTHcnvWb4m1bxZ4NtpCl3DeQ/bLeGGS5t+SkhwQx9Q2ea09e8FPpd7oOs6BaCa40dGtjY7vmmt267Sf4h2zWD8S9Su9e8D38cmjXttEJ7cJvjPnMwkVnOF6DAPI7UCOji8RXMnja60KWyhEcVoLoXEcu7AY4wf8Avk1uHJ968zt7G10n4ibdMu2SW90UFDdSmVUYSHjnnpyAfWuv8F65ca/4dhu7ny2uN7xu0eQCynGcds9cUBE2n7Uxl5qRu/Ofemmgs+k1TPvSSRhmHHNOZtvQ5pY/mJz6VmQNWI05YuaWOQ+lSbq0AAuSBRMnFIWORtpzbiORQBDHuY9OBUm0NnNCseRimNG+6gknRF4+UflQV5PFRL5g4qZd3cUAC0pUKc9aVozx2pNpoATdT1YULCTzTlhoAa3c0zdUpWmbBSARWwcmnCQk9KcIty9KUR7RSAZuO6nDrSqucmnqntVARtTdxHSpimCaa1SBE3zURqcVJs4PFJ92gBFWk2ndTtxzyAPbOD9cZpJJoreEyyyrGg6sxAH4k9PwoAlX7tN+9xVVdWsZLOS8jvbd7SP78yzAov171HY65p2oabJqNreRXNigZjcQtuTK9Rxz0qgLuz2p4U1w958aPCun2NleteSyWV3cfZLaaO3dklmzjYCe56fUVc8QfEuw8N+ItE0Sew1Ca91ggWgjiO126spPYquM0AdYsWc96csQC9KsFdvbnvUbEL1PJqQGrDkdKaIcE1JG+7gVN+GakCusYU5xUq0rYHU/kKjEo3Y5A+lUBYXtSSccmkDdOMnt2/rXKeMviJZ+GriLTbeGXWPEM4xBpNmN8pz/ABNj7qjuTQQdQ8gwq7sbvl6j5ieePf6V4x8RtNtvHsfiTRvEngu71MwzlNJ1Gxgy2worKfMHK4YkfTNdn4X8E6ve6xB4g8V6i0moQkm10uxf/RrPPYn/AJaMOhJ9K7pVZeVPPXg1QHmPhfXR8JfAfhHRfGN3K18LUQzagUZ4UYHhZJOxAIGfYV6LYXFtqFus1rLHcQOAyyRyK4PvkVLcWcN3bvb3MKTxSDa0MygqQa8/vPhLNoty194J1iXw3OxLPYyfvLGY9duw/dJ9VqQO71PULXS7Ge/vJlt7SBd8smflVQOevfNecaFYXXxS1i38QatFJb+GbRvM0nS5Rj7Sw/5eZR/d/uqetcHqmqfEX4l+MJtCn8MWM1j4ddDf2ovPLgup2UPGSevl4529+9eiw6d8T7vAa88PaChxtWKF53A7Y7cCgDtfEOsQ6Ho1/qNyf9GtYWnkXH3goz+vArzX4f2OqfFLwZB4p1PXdQ09tXDTWFrZOEjtY84TIH3zxznvmunh+H+rXmi6xp+v+JpNYTU7V7Yw/ZRDHFkfeGO2a5P4Y2/i74c+ErXwpfeGrjU5NLDW1pqNo48meLJZGcnkYzzQByHjSO88C+Lvhamu6reXZkuZ7a+MMrMLjarMjbFPJxirK6xpuvftM+G57e2uI4JdJuDL9rheNGlX5lcK3BwO9dZ428C+LPEXiXwHqSx2dxJoN495cyNMEDbht2IPYHGe+K1de+Hus6p8VvDvi2O+s4LXSYJbfyJAxkmWUYfGPTFAG/4b+Imk+JPEF5o8Auor22j88+dAyrLHuKlkJ4bkda6lfu9Qf905FeY+H7O51j4wL4g083Z0z+zZLO9S9i2Rowc7BHn35NeoYxkc/j1oAUNwKSm/pS7gq0FD17U+oVepVYetAxStNp/BByaj3UwH5HtTajd9q7u1RG6XbkZ/KkBY27qYV7ZpYZPMXIzj8qiuJXjYYXj1z/8AXoAceGFMk3s2BmqV3rEFrMsbyIsh5O5xx+tRyeKtGt1LT6vYw467rhVP61IGjHH83J5qVwG46g9feuRvfin4RsVLS+IrFTnoswY/oKyn+PXgqObYdZ849R5Fu8mfyFUB6L1xkZ70c1563xy8PuAbSy1rUM8j7Ppsg/nQPi9c3X/Hn4H8SXWem61EWfxNAHodOrz3/hYXi2Zd1v8ADfUQp4H2m7jT+VL/AMJF8SLrHkeDdOtAepu9R/wqgO/akyfSuBab4o3WAtl4bs/dp3l/lSNovxRuITnxB4es2JxiGyeQj86APQAmQeKrX0v2Kzubny2mESFtkYyzYGSB71wcfgfx5Mp+1fEBI/X7Npyj8qhuPhr4iNvPLcfEfWGRFZz9ngjQ4C8gD17VIHM6P+1/8ONUvJLO91KfQrqNtkkN/GRsYHGCfrXqGgeONA8S26TaXrdjfxH/AJ4zq2c+3UfSvz/m/Z38efFjxpqV9pmkXSaVc3TFb7WQIyVBPzMB1z1/GvdPhf8AsL6f4ZnhvfEHiG7urqMq4t9NYxRqR6sMEiq0C8j6oPpUU27sKdaWqWdrDbx5McSKi5OTgDA57081JRBGpKknrVK4mkNwsYwq4z71osvynHFZF9MPtC5DFxwMCgC32zjBrM1BvLYFSSc/dAq95xZRnO7vxULLtlLEbu4oArvdM3lAjaMd6LWfzJyAfapby2N5GrDII5otLdI+dhU+uKAG3UhjcCofMz1q5LAsx3HPFVbm3xGxHWgCvMizcbvyqvcW6wxgr19TUkcbqpYY3elRTM9wu0qQRwaYCRzBogCe3NZ92qbznk+1SyxtCwUVFJC27eR7UwI4fli+bofWmtCGOc8CnfOQVb8M03a6L60AVLqYwTKAOD3rmfiV41k8A+E59cFh9vhhZUkQShSCzYU11M6mZhuXGK89/aCUN8GfE6b/ACyIk2sSAdwYEYz7UAQeMvinceDtH0O8uNFa5bU5EtzHDOAY5H+6KxPD/i7T/il4ghvrVWsdb8NS3ENxpj4LyMy44PcfLz7iuR+J2mTw+BfB+r3HiOa/tf7VsXW3kChPqGH93pUlr4Ru5p9U8W+FHj/4SXTtVuY3gjYYvYTJkxtjvtyQe1BJ694S8UDxXpBv1sZrKPzZI9sx5yjFT+orWk6DPNeZ/CjxRPf/AA3l1Wz0q5vJmv5yungqsw3SsSMGtK6+JGq2xxP4E16HHBICPQUdmQMdKrScMAD+Fcb/AMLctUUi58P69at33WLMB+VVm+M3huNwLlr+zfpmeykUCgZJoii3+I3i+M/8tBaT4+sSj/2U10zKW6815ZpnxO8Mt8TtdnTV4DbTWdrtlm3ICy7gR0r0Gz8UaNf7Ra6tZTueAv2gEn2xQKJZnBZsjPHuO1VZMq4xwR0rz691K10X4wala32qz6fYz6dFLGjSsIxI7EMw9DxVv4Sa3deI/CbX17eteytdzxLIwGAiuQpz3470AdTf2C3CsypHHcgfu7logxX/AOtWP4d0FtBtZoTMtxPNO9xJJGu1dzEk4H410Mjdh39Ki2AcHmkWVWWmNU033uOajoA+lDCMnBqWOJdvWn+XTttTykDFhC96Rovm4qft0puKsnmG7QuOKcV3UD5uKcPlpANWHbQV5qYHevpTV+U880wESM4pdtOVs8CnUANH3eaZt+apaTbQAvRaapOeeKk7dKa3ekAYH1pNtPjXNDKVbrxTAPu4xSNGSKVqXdtXBoAjVe1PyBTd2D9aeF3LSAa2M9aV1G0cUhi/E05YyetIDlviV4iuPDHgnULuxQyapKgtbGMAfNcSHbH+RyfoDXL/AA8+KR134Rza9qChdW0aCaHU4epFxCrbzj0IAP1q74y8P3XjTx9o2mXdnfJ4f05HvWu4H2BrrbtiGRzwpfn1rmfDPwr1Hwn8TPEdpp+mmTwD4gtVS6We5DtHOQQ8gz1BBwfXvQQTfDHw3H8RvANj4o8RXd1canrcJusxTNGlojHaiRqD2GDWTb2Ut58X9C+HurzveaLoWiHUXjdyRezF9qmUnqAuDj1rpvAfg7xn8N9EXw3YnTNW0azZ1sL24mYSwxE5VZF746e+K1Nc+Fk9zqWieIbHV2i8UaXBJbNfSIHS5hc5kR1HQZ6egoA5HxNajwV8evAsOkQpBpviaC6sdQ09VBicooZX2dBgcE4rifB/9sfBSxk8V2Sy6j4MvtQuotU04AlrFluZFE6D+5jAKjrXu2i+A3bxN/wk2s3sd1rUcD2tm0Ef+j2auMOUB+8x6En0qz4R8Cx+FdDvNNmvW1a1uJZpHiuIwFXzWLOPcEk0wPBPF2oG8/Z78HajpzKSPFMc1pI6khv9Mlwxxz6V1fxAt9f0/wCLnwmudbvbGWI6rNGsdrCYymYmycnt2/CvQbr4L+F7zwxp/h6S2nj0fT52uYLaOYoFdnLg5HXaScelauqfDrQfEF1p93qFi15dWC4tZJZH/dt0DDnk479TS5gIfE3jr/hG9Qjsf7D1bUpniEgNjBuUEt0z0rAb4jeI77PkfD7WM5+U3DpCCO3WvTkbyo9qfKAMYFRNIc9aAPINP+KHjXV/Emp6HYeCbeC906KKW4W8vwAFlBKkEf7tdHHN8Ub7DC18N6enI5leU5+gqt4ZK/8AC9PG6MMb9L06T64aQV6SqhcbjxUgedjw98SLyQi48V6TYD/p0sCx/wDHqF+G3im6mQ3vxD1HaeT9ltI4h+dehqVZuDjHAqQxltoA5OT0P+NUB5y3wXgvCrX3i7xJePycteeWvbHAFZ/7O+iWmneCZ7tAZ9Rl1G9gubyZzJPKsdwyoGc8ngCvT5JUiKliqk/KNzDJyeMDNef/AAmY6D4X1G21ErYN/b2oeR9obaWDXBZSM+uakD0UL5jZ+92yak5H1pkO1VBX7vbNODc1RQMtIuFYE1IzBQKjHLCgZ5/4IXy/ij8R06b7iwmH4wFf6V36r1I4z1rhPDDCH4wePFx1tdOl/JHFdwGI4z0oIHr8uAOMcU5fmBH4GvLfj34y1zwP4b07UdFvobQSX8NpcLNEH+WR8bgT0rK+KXiq/wBP8YeANP0nxQyQajqqWF9Fa7SXjI3b89jQB7LIRDGTtznrzUFvcrI0gxhuCfenzAKu3n0+bk1Fb26xsT370AWZbwthGY7jzyf89qQS1Tk4vgx+7jFTx/MT3oAW4mKkYxiq99eLbWck0rlIo13u6jhQP89KsMi7wW6Ulx5e3Hl7l9McVIHnqfHXwpEyxx3GoagTn/j2sXf+lOh+Mi3G/wCxeE/Et+f4StnsBH4139qdoVY4kiUdNqgYqwrPubLsQTzzVAeev8RPFd1/x4/DzUv96+uY4gPwHNVm8RfE26b9x4V0q1B5zcahux+C16iq7hyM/WnCMbelBR5YsPxUvifMufD2nDPCCOSX9c0+Pwn8QbzcbvxrZ2KdPLs9N/kWr0lkK5AOAarNauWyJML3FAzz2P4aa1Isn234ha1Iv922SOP+VVtQ+D9l5cclz4h8RXxLdJL1kBz64FemfY1YYxUosE2gEAjryKkDzGH4D+EVVmurG6vJmOS095K5/U1p2/wb8G2MmIvDlgNvQyLv/ma9AWEemaRoSx5+6KAOdsPBegafzDoGmxN6rbJ/hWjDpdsk4ZbW3jC9AsSgfyrVRRg8fjTGXqaAHwzFc7WKg/3eKkDE55NQRrUqqaoBWB9aUJ0pdpbiniOmBEV96Me9Pk4pBkYJpgM8sf5FHQj24p7Gm496kCOb5uPwpm0lcHmpWWhR8vSgCFu/rSbakpfu1QEbD5KqtCGbOBmrZ70m0elSUVGj9qb5XerbJ7VG1AFby9tIy5+lStTfwoAgZSOlRyJuFTt1NRn6UAUTDtycd6iZavv34qtIu48cVQFJoQXJxk1BMmVAxV+RSKqydTSAoyW4pmz5cVblAx0qBloAqt05qjqGj2WsW8lvf2kV5btyYpwCh/A1oOvWomkIyoHNAHOX3g3Qb6xhsbnR7aeyhbdHEyfKhznim6T4Y0nw2039l2FvYiU5kEXG5vUitxlwSeh71FJlvegDKsdLtNLhkjsreK2DyNK3lDblmOWOPUk1I7kd8VZmXK9c1UZT360ARs7AHDHn3qncIG5KKx9xmrbfeNVJstwvLflimB5tqmi2M/xYRbizt5RcaOo2tEpGVmbJ5HXDCtVvAnhxWikTQ7JZIjlJo4QrKfwFUtWvrWH4oabMby1ATT5LaRnnVSrF94BB74FdVMVjRWZkXPA3HH4DJ5pAcNeeHdQPxOXW2sILnSn05bNsurMXDk9COKqfC3S73Q9K1OyvtPksNt/NPEpxtZHclQMexFd43zNnofXvQflUc8DpTArTLtx0z61Xm71O53cCoZe1SWVj2pKdJ96m0AfT4Xg0nNO3baZnd0pmQ7n0pN2eKVflHNJt70wEXqaUndS7aVVoAepwoFIy7sYpcUq0ACx7adQeKdGA6+lAEY3ZNO5qYRjaMGk2j0oAj59aesYIOaGIXpSq1SAn3SMUrDdQOv40rKR0NMCJlNMPvzU5U4FIYw2KXMBGqnhqlVlYHnFKUwMVFs2tQQO8zbnNJHIC33qJYw0ZBOO9QqqlQVNBRJNN8wyee1EbLtIIGMbcY7elVbxjC8LkZUnFSxtu3MBxjNSSWllaRt245U8HPTmomkDSCPByOR7Uy1fcH+tCttn9/WqAmVdgP0x+HpR5g3A55pJAccHmmfZ2K7jgUFErtujwDkVHtdcsDgn5qasm1ttPkuERSDkueBgVJIsN4sigkgHpipmh3MDms0WbfIAMHO44q/Gzx853gfw/zJJoKPPdNYWv7QniKLtN4ds5c/SeQV6BNMFiLMSR1rzHTdXstU/aI1dbWeK58vw7HHJ5TbthW46Z7n5ulelwwySxlXAGeelUSMs5GupA+3y06c14u3ipPD/7Q3irTdV1y8OlR6Zb3dnaSOzxrJI22TAVcjHavcFt32qucKvFec6d4J1xfj5q3ip9OjOiXmmQ6d5pnHmAxuTuwegP8qAPArjT7nxtfeOn0bWb6zvYfFOn2ulXU00g+zrKNzDaTyCT0PSu8/4WA/iy20Tw74rtIrPxnpOvWENzBIMpcRmZQJoyeqtkEit1vg94sfxP4s1X7Vpdpb6xq1jqcas5ZkFvzj/gW0fnXeeNvhTpHjzWvD2uXKra67ot3FdR3VuMnCurGNvVTjI/OgC94o+JvhzwheGz1K9aC78vesEcLudp6HgYrCb45aBuxa2WtagT08nTXr0eRYmcyGKMyHjcyAnHpmnrI2zjj1xQB5m3xdvb7/jw8EeIrnHTfCsQP/fVH/Cc+OL3/j08ATwZ6G+vY0H6V6G0e7O40zbt4BoA8I0HUPiTcfF/xQkWj6LY3s2mWbyx3N2ZECBpVQgr1JPBFdwui/E6/Jkl17Q7DOMpDZs/H41PpWE+PWusx5bw7ZsP+AzyD+bV3ijaAvagDxb9pHQ9R1j4W2mlpbzazqRvbSVltYSfN8t8yNgfd78VW+I3gWS8vvAd94W8KStJp+qQ3100EAR0hH3gxPO7npXuoBwcccY/ClClsEnIBzzQBG26bDFChbkow5U+h96ese361IvOeM/kKQseeQAvXPQ/r/KgBklurAEjJpFjVKmb0xiozGdpoKGSckdxUkcYZeTTEXnBqxHHtFBI3yVWgD5sY4p9N/ioKJNuOhpw+7Tl7Uxu9BIhw31pCoXkilFO2hu9BRXz83FWOw4qJl2tingnbQMcvympAgZTzUO41JGRjk4oATy9pxTXj5qXcG6U9eetSBX8kY64pdp9amZaEiD8HiqASMKoyaaz9cc0+SPbxTFjNACN82KXHYinKnNKy0wI2jGetKqH2xSMpoVqRQyRTk0zaamamNwDiqJIqTn0p/4UZHoKQEf4UetKW5NH4UiiNgfWo3xipW71C6ZzQBGV7jmmNUu0ryKY1AEVRP8AK1SHqaaxHcZoAibvUUlSFgeKhk+9TAhkqrIuatMe3eq7ccUgKzKelR1PJUBoAimAA4qvtzzgVZk5OKYwwKAKzQjrmqkq7SQKtMx5qGT6UAU5Kry9KuSAelQyqu2gCi0fGaytbkms9Mv54Bukjt5HUYz8wQlRj6gfnWzISOAOKryc5IGSAQe2c0wPFfhX4X03xN8LLaa+t0urzVEle6upFDSmVi2G3HkEfpVLSNIh8QePvEGmasr3dlodvb21pC0pVMlQWkz3auwtfh3qHhu6uk8O60thpVzI0jWk8IcQMxJYoe2STgds1FfeCbzStci1nRpo5rxrZLa8gvfl+1bT8rZHQ7cZpgea33jfVNM1SbwZbXTLMNaj06G+kyZEtmTf1/vAYGa6fV9T1HwbrlvpJ1G4u7PVLeZrS4u13SQzxLuKk9SDUd98J7/UIr3VZ5YW8Uy6impReWf3SlBtEX028e9Salp2peLPE2i315pE2lWujxzzM0hDNNI6Fdqe2MUAZWm/EDXF8E+GtVmFncz6lcx28oxgJvLAdOc8V6R83If73evA7Pw/baV8PdCuLixuLDV7fVYRKshccCQ5O3pwDnPvXvseJIwyncrDINA4kbLTNtS7TSUFH0vJ2oBCtQyn1zTcn0oMib73akpqg0/BweKAEpV60qru+tLsoAazfNTqaVKtk04DdQBJtDL1oUbaQKRS9jmgBd+OlOByM1EvenqCwoAFXmn4pgUq3U1LU8xBGQd3WpV+7Ub9vrT1apAd+FIFG7pTlI9aT7pzQUIabtp24ZNL2NBJFIpKkZ5NV4YWjyMVcoVSDmqAga3EibW59M0JbmNSoNWGowAAc0AQRW6xKfU0nk/NnHNSs3zU5PmNSAix05l3LinfdpVwenWqAr/ZlVgeCawPEXjfTtD1aDSI4bjU9bmQSrp9jGXkVCcB27KPSup2jjjmvFvhy8ln+0F8T7bUSUvrr7JPZeYdpe1CYwmeMA8n35oA7jQ/iVoutWGrzf6RbXOkDN/ZTxMJ4lPO7aOueAMd64jxF4o1TxXp/wBu1i7l8E+EGO2ONRjUtRB5wgH3VP580aNZtqH7U2tanZOrWNt4bitr6RR8huPNJVcjqwTH0rvrD4d6aPE91r9+0uram74t2vDujs0POyNTwPTI64oA8m0L4f8AiW51a08W+DtLt/CNrY27xW9hdDdPqqE7j5wP3ScAgnnPXmvX/A/jSHxlpTTfZZdOvbV/IvrGZCGt5Rxgt3B5wR1rpRuY7mJJPPzda5T4ra5deFPhn4s1vTYgdRtNPlmjZV5LKp2k+vB/SgDSuPGGh2d8bG51Wzhu8hTBJMFYN/j+NV/EXjnQ/Ct5Z2Wq6lFb3N4wS2h2kmUnsuOCT19q43wH4I0TVvgjpMV7bwXTajpS3d1fyKrSPM6M7S7zzkEkjnjArxfR9c13XPhn8C9RnhFzqtv4ja2t2uWKiaNVkVCz9f4Rz3xQB9Jal8StF03xdZ+GJXnbXLwb4LcQEh1C5Z93oM811EeV45IByM/lXg+sJrq/tMfDSTWo7GIyWOpRxfYizDG0ZDE178q+2KAiN29DjFP2D1o201gd3WgBsiZ4rO1K+h0mznu7uZba1t42lkkkOFCgZJPsBj8a1tvy15p+0VoGoeIvgr4tsNJR5dQkt1dY16siyI0i++UUjH1oAwF8SaneajdfEPSvC91d6fNpgtYle4SOSeBX3rIIyMjOcjHOK6Gb4i3niLxIvh3wvbwSahHZR3t/d3e4w2ayAMqYXkuc960vBfj/AMP3fgHSNRjvoEhWxiSS2DBZVZUVTHsxncG4xXA+H5ZPh18dPFGr6zC9lo/iqztri0vHQqiPGgBjbHAxQBtj4xyeEvEmueH/ABmkFleWGmvqsF3ag+TdW6g7yAeQwK/d96PD/wDwmPxA8Ep4oh13+xbrUIWuLDTIoFaNI/4BITyScdR61zHiX4fH45fEq81Oykkh0Cz0KbSIdQ2YE88wI+QHqqggE10Xw51zWfBnw307wzf+HL+48QaZbfYoRbxF7e4CjajrJ2GOuaCTz7xd8YL7xZ8OfBfiq21C60GWXXU0vVYLV8IMMVfjqB39a3vH3iDSNe+MHw2tNI1O4mt57qWG6hjkkEUqqmYyc9T61R1r4H6/pXwt8KeH9NsBqmqwa4muag0ci+Wp3b5EXPXg4H0r0T4i+C/EHibxd4H1bStPtLeLQbv7fKtxMqtyuCgAHOM0FHpQA9B+HSnZG3pSfdUAjBx65qGSYq2MZFAD+Nw4qQ/dNRRtvziph90UFDaNvcc0N96nrQMb5hWk3E1Ljc2COKfsWggg+anfwmp9vy1GYztNAcxW+YtT9pp6r8wp+OvFSWNX7tJT9uV4piqaoBVqWHLZyaj6U9WoAmI+Wmr8ppN/vS/hUkDm+YU3eFwMUGm7Aec1RQ7cKazH0py0xmbdjtQMX7wqPbyako7GpAiak/CnMvFN+7VAMPU0xuOO5qT71MbofWgBn4U7+GmjoaQk460FDTTDUlNZaAGP0quxqw3Sqk0nlozelACNTGX5RUEF8kikv8pp32tGX7wAoARhioW705rhfLLbgagW4SRSdwFAA/WopKVriPu4zUDXUe7bu5oAMdcjNQtg9BT2uUGVNVZLpI3xuFACstV5ifWnNeL0zmqd1dDblGzzzQBIeg+lRSfdNRm6AX7wzjgVXt5pJlfecDdxigCST5hxVSb0qzM6Iv3sH0zzWfc3AUcHkmgBrN2qGTn+lV7i+MbEKM0kd0ZI8t8tACyfKuKpzL1qdplIxnJqCVgVPzUyytJGCpBAIqqVbdkEjnP9Kss4VDk1T+0hQcnAJxQBHcMGDq2GDfeDDOe3NVj8owBgegq0zde9VmKtnmggjJGDUW6nyEDioqYz6f2UMlOzu6Uu0sMUiBFWnqo9abhlpob5qYEm0DpS7d1J+FOXOeeKAGunFIop0h3HANM9aAHbvmpX+XmmK2DzT2YMKAI8d809W20LQyjPWkQPD7jzT9wqNgOKYWKt7UgHyA5o9KevzLmmMpPSpAcv9aViaaqmnbtvXmgAWn/w01ehp2aAG/xU+mswUjHWnrziqAB1psi07p0o570AM2dOBTlGzmlFOqQGkFqVBtp+0etB5IAqgEzWNr3gnRfFFxb3Wo2PnXVspWK4jfy5ACcldw5xmtortpgkO4HuOAaAKOi+H9N8N2JtdNt0tYmk819hy0j4xuY9z7mtPbj+HBpu4kcnAoZgq9aAHBqivLO31KzubO6hE9rdRmCaJhnerDBoWSnqxPektyjzey+E17pPh8+GrPxRcweGQGVYPIBuIoSTmIP1xyVB9KveIPhHoWuWvhqzWS702w8PSLLY2ti4UROn3WJ9Rzz7n1rvNowBtGOtMZNuOOOwpknM6p8N9H8ReJdM8Q3pu5dU01SttNHMVCAj5sAf3u+OtdczFmz681BuAYY5NSZPU0APaj+GkZgyijoooAcrcGkZgMYpmaTn0oAyLfwXoFrfm8g0OxjvCdxkSAZz1z061syxLcKyTRpOjHLLIu4E++aTJxiigBSqhVUKqqowqgYC55wKPMc5yzc4zz6dKdtyBzR5Y6k0AJGTjHbOcUjcEAcCk6E4qNpPmqQHEn1pPL3U0t81SxniqARE29OKnXoOKbH81SMpqQIyvNKqnv0p60hzVAFSADA4qPn0pvnEcYoAsFsCo2kOcY4pnmFu1Lu9eKkBCTuNIWOOtNdgDxzTSxzQBLG9KzbeaipW+7QA/wA1aTzBzVXgtxkmn/MOMVRRYSTcamUmqsKncKtrQSOX5qRuKXp0ooKEwaPwpx4HFMYmgYbqTdSM1JQQNJ5prfMMU9mFNpIoZ0oZad+FJTGRbaay54qY03bQBGBt601u9Pam/wAJoAgIOTVW9X9230q8v3ahljEq7TxmgDmLiIvbnYSrg1DEDNGV+YMOCa6GawjAxUYsY1XhKkowoFaN2XqMc1CpKrMwHy5xW6bRF3AJ171E1nGqFfL4PUetAHNyH/SYj1B4pt4PL24b5s1vtYwjBMY9qiktYpDyi8dOKAMOWSRmUEYrHvNasbO4mjn1C2jmGMRvMu78j0rsJLVCxyAePSvnL4naZpFv+0FZ/btEbVra50Jm+y2sXmM8ok+8R64z+lUB7PC3mWyyIwZD0KkMD+NQtHtg6YJ5rxPwn4h8QfCvwLo+ialaN/bOqXdw9nBfb2Fvbr8y79pz93AA7VbX43eJjDoi/wDCKotzqV5JZBbpjGu9VyCO4BHNAHqV1NHaMjXEywIzCPfIcAsRkAe9FrqtsrXStcwq1uA0qlx+7z03eleX6x8UJtQ8HzS6v4atbi703W00+7hkkzFG+4KHQ9zzWX4g0q1k8X/FOzjiVVn0OG6AHHzmJjkfiM0EnrGoX0L3kZaeLDRl1UOPmUdWB9jUUM0d5bpIjrKpOA6nIzXkthqFld6R4G0+/wBJE02oaDKlvf8AmkMhEYJUCp/gn4w/tDw3omi2Fk1+be2/065WUBbVs4UN6kigo9OYEOx9BVWa5/dAcg1R8beKoPCotVWymvpLpZHCxNtREVcklv6Vzj/FjRLi10+e2try7F3bLdiOFAGjjZtvIPU59OlSB1yTgsEI+bGetQ3FwyscZ6+tcB4h8faf4bbxNfxNfXl5Z+QXtHX93EXwoK/7J6+5ru9NaLVrC3u08yOORFcK4weRmqKRG0jMefuniqk0Z3fNwM8CtWazO7KnIH5VSvIHbbjqDQKQbQqZzmsrdMNQb5v3f92tC4Z1t22D584qlJ5iSA4+b1oKHXDFVBApgJxRNIzKM+tIrcUwPqbFOWjcMihiRyBmmZCs2RioD9407JpGoAVWpSx9ajpc0ASrTX+9TVY560M1AD6ZuwTQr8Gm0iZEoagr8uaaKf8Aw0hCBuBzSfeznmhaU8dKAJo2+WmFjk00Nto8zdUgSCTHB60n3uKb/FUi9DQAwyFWwKerU1uopGbAoAk3c9qerVWjOTU27aKAJPwo59KYGO3NMaQigCTd70b/AHqJWoLfNQBNuqRCMdearqf504d6AJy+7jrTP4qQUUASMcio3Xp3o3UbjVAG3GKlT7pqLd68ULJ70AT7qQtu4pgO7OGzxkqv+NMWZGTzVZXTBbKHcHwccUASL1NP3VSuNUs7W4S1nuYopnRpVR5AGKL95vwNQaJr1l4iszd2F5Dd2/mNF5kDbl3KcEfnUgaYbmnM/FZGv69aeGdIudUvfONpAF3LDHukILY4Hrn9Koab490zWPGGp+Gbfzv7UsLSO8mV4iFKO5UYoC50u4Yo59KiUs7Fcc9c54qRXEh2owZsZ+XB+vAPSq5gEeQgDjvUq/N2rH1DWIGsL1rK/s/tEUTMrSSDy4mB+8/t2rnf+FsaRpOreGND1S9t21nV7Zpme13GFcKDuyOxYkDHapA73djikJzTWbJOBim7jVAPqJou45p2Tg0qtQBH5fTiplGFpN3tSZqQBSVPWniQ+pqOnCgCZW4pN1MDcGm7qAJfxppX3puaXf71QD1prd6RW5oaQHigBm2nUK4HUUMwY8CgoVVpStOHy01n5OKkYJEqnNP298VF5h9KXzW4oAsRouM96cWxUCsaXzD6UATqd1GaZHwM0uSTnFAEm72prUzBPNKyMyjBqgGkZNHTntSmFtuM80LbMR979aCBrbaa20Dg1I1r71G1vjvUlDfMFIzL60fZx6mnC2Xb3quYZD5ydM0vmL60htlUmk8oVQCSSDNRtMvpUvkimtEPSpAh81fQ1DJcfNgLVtowV4GD9Ki2e1JgV2kz1BqvJMR0U4q+Vpska4qSjKe5K5xGTUTTFuqYrTaMZGBUM0ftTAzJJD/dNRmQ/d2dq0HUYqFlXrmgDMkkZSBtPua8613wHreofFLTPFtrf2kUVlbNZrbSRsS6MQWJP4D8q9TZA3aq0yqqlT09KAPOfiV4DuPGC6Vd6bff2RrWlTGWyunBZCGGHRh6H9a5fUvhX4r1T/hH7q+163u9T07UP7QlllhIiMgXaqKOy7eteyPIq9DjjtUeFYGqA8H1b4J+IbzTfEdv/aljGdU1OPUvMVH/AHJVt233yUAz71bvvhz4km8U65qgmsN2o6QumtF8/wArBWG79a9odTuznJHANRNCu3jHrQB4FH8L/FenQeDUhewnk0GKW3ZmcqJldMZHpisz4f8Awj8VfDi9tbmwbT5I5CyahbrM3lTDOUZB2cCvoSSPqMVBMq7cA/UUAeV/E7wvrnidtIWxihurSMyC6sbmQok2QQCSOuPQ15lJ8KfFieG9L02XRozqWn27R2d/Y3QWSGTexUt/sYI4r6VkhXnHBIwf8KrSQjBBOR70XA8F8SeDfEOqXXisNYyOL7SrULcJjEk8RG4Y9yCRXqfh66urjQLSW+tZLGYx7WilbJ4710bKNpOOetVJ41zkdSMf/WoAqGQZPAHsOlROqkE96mkTqagZeKkCpOq461SkXJ9a0prfcvWqM0JXoaoZA0YYYxUDKAcAfpU7q6DIOah3HuOaCrn1FHzQ7fNgcUxSf1pWaqMhrZpmd3FDSjJzmm9OaAJB1opo6ZHNCyDvSAXdTWalyPSmFgCc0EDlpshI6cUbvSmSE9SaQEyScCns/SqyNT9341IEu8r24pVeoWZsdaRSfWqAsdacu2od1I0gqQLG6nLJVVpMjimqxzySKALjN69Kjk5wR0qNn+UDOaa0nTmgCxEwapWqrG201IZ+aAJd1Ru3NN8wU126UAOZtoyOaVZAcZFMA30rIFFAEytUiyDniqqyClZ/SgC2rhqTd71XWXFOEu480ATFq80+P3jTW/APgmDWdDuIYJhewW0iXEO8OsjqmV9wWr0N5eteSftKabca98L5tOsbKfUr24u7Z1t7eMuWVJlZgcdOP5UEh4f+Jmr6D8UNe8LeI9QttW0mx0oarJqsMQiNvztMb44BPUY9a0bz9ofwxZ2uqzSR35m060F+0ItyHlh4+dccY5FWPFnw1sPEHwx8Q6V4esotNutYtNwZ4irtIMFVkPXnGMdq4O48I+KfFPgPXNNbwVZ+Hb+bS3087JlaS4mkCjIbGVjHLfhnrQB3mi/Gmz8SalcaV/YOpWrtpR1O1W5AX7ZDgbgvpnK/nXN6T8abDRfBfgn+ytNXT4NYin+zpqVyfLjEbMCjSf32YY59Kn0fwb4qj8TeENbksbO3j0nw9LpFwpuRzIyoMj2yg/Os/SPg/wCJbXwHo3hu+/sbUbazW5Sa0uMusu+QSI6EfdZMkZ+tUB1Nv40mvviV4K0zUdDtEbWNIupzeFw8sQVFLxL225J6da88+FvjOfwt4I0vw5pphtNS1jxdqOmwTSLmOBVkZ2YerbcAV3WhfBq98P6t4Gu4tdEqeGLGWyxJCzG48zmTknIUDAGfSmab8CtPTQ20+61a6kuU1Z9bs72JVSa0ndiW2+oOeh7VIHLeN/in4w8O6H8StKa/hbVfDEdvdwaktuo8+3lPCsnQEYOfrWF8UPG154Z+NU0kUk9nBq3hmxiu9WhGTYRtOwabB644H616/qHwc0jU9E1zS9Turu/m1zYNRu3ZUmmRPuoAOAvtUk3wf8Mzas13cQ3V5dvYrprtcXBYPCBwpB4x/wDrouI6uz+z6Z4fVYb6S7tobUv9sZhK8i7T84Pf1xXy34L8WwWPj7wjef2xImmarpuoRy3DXDvNccErLMv8DEnIHUDivpfw/wCG7LwvpEOl6XbmDTYgQkRcyKAe2T2xUGm+BvDuktE9noVhA0LtIkkVuCQzdSOOOtIZ4F4JmFvYazomp29jrVpd+HJXh12zLDzYuoFwuOJCcfU1peE7pLRPghr8un3FxDb6XcWE7JbkvHKVCqrAjgZGc17/AKbodhpySra6fbWyyDDiOFVDj3AFaET+T8qYQZ6KuBTAtKdvDcN3HpQZApxUCgk5p+3LDNAD2PWhW2gk07aNvWmn7tBQjSDHFKH4FR7fanqMdaAHBqC/IpdopPLHrQAbjnI6U1pD6U/pximlaAHKxYCjafXNKq7VzTd+TxxQAqg0NSig9RyKAEwaXbQ2F70nmjPUUASYPqfzpVT5qZ5wpVkDHrQA8ryaQryKcJPpSs21c0BzD0XinLH1zzVf7V+7x07ZpGvvKZB1DcUAXUUYpeBxiq32gAnFKbgMBt4NBRY2rgnNInU1W+0FOMZNOWZmI7UDLmRTGkAzxTdzbelU5pmVqALE0+3GKiW4UyeWTyRmqVxM7xqyNzuweKbkJdknOdtAGosi+tDSDsQKyo7jzGOW2802/uDbwscEsx4xVAaJ5J70x1wPrVeF3WFMqxJAzntU3m/Nycf71MCBZHaYp6VOzbVyxGKpLIP7Qk5zxVi7UMuegpAKZo8dajeVAw557VQQGS4KqfkAohSSa62sPlXoakC5LIsaFicCqcmoRZwXwW4FS6h/x7PnqOwFYdwhcWxVWBXk4FUBpfblXcSxOPaoG1KN8nknFQIrsXLbip5FVJM+b+7jbgVIFg3waMlgQc1XkvA2Oo57UjLNJHkJ3wc1FPbkRgJuznPNAFhrxVxjOKo3025QVbGaWSKRtuMgY5qK4sd65JYe1BRVmkZVzkmn2LGWNiT0NMkjcrgDgcVJZxmGM543GgCSY4jPqBms3+0ECZO7OccdKvXEh5RRnIwayZIGTgKSM9O1UA+W8CN359qqG6HmH61PNC7fMwwB0ArPmjYSs4U4wOKkC5IwEe4dTzWdM27PzdqsyMyxnKk8dKxZHfzix3AHnGKoCX7SY8qeaimk4yG5okUld2DVKXLZxxQAv2o+YVYjFHmLt65qlMArcgk4qJWORkkCgC80mR1FVZH3OT2prtxkdqrGY5PNAEvDAmoyB6VG9w0akcVCtw+O1AH07u289aaZM96KjfvTM5D/AFphb5TT4uV5qGX71AhVkPrRupgpW+7UAO3+5prSbjio1J9aPWgCQuF60jShhUDk880elAE8bU/dVaMnafrSKxz1NAFpmoElRVCzH5ue9AFzzAwPPNNaRQo55zVWEnnmkk+9QBcEny8YpvmfiaqgnB5pYieaALayZoZulQw85zzUxA9KCRyybaRpO9MNRyEjFAEwl5FOMvIqsOtDE7jQUWftG09aHuNwzmoP4lp0gG08UEjkmOelS+Y3pUEf3R9KmX7tAEimg7m4FRxk7TViP7g+lAEeG9KVGaNuCRnrg1J2NNfpUFAzblwDUWD0JJHpTlp3rVAIuFbOOT196sKQVJwOmOnaq7dKmj7UyBfXOMdKcrAZI5Oc1Bc9vrSBivQ4oAtKRsxjj0pjYHIGTnP40yIktyc07/GgCSNjjPemEfMOMe9StxDkcU3/AJd3PegByssfAORTiwzxVWH/AFAPerkKgr07UAKtO3fNUUBJ3Z9aGNAEu6myN0oTkCob4lY1xxz2oGSmTjtTGuAPl3DNUZmbzOp+761Cp/fR0AannbW+ZgABQt2jdGzVKT5riVTyNvSq9j/q2+tAGv8AbY+hOPwpTdLuGOmKoP8A6v8A4FUjfff2HFQBe8wtHkc1WS4KSEFc8+tPtWP2VDnnNUr47ZEI4JbmgostqAMzRDhlGTSNIzTR+hrO63F2TycAZrQh+6nsOKoAmeUMDn5PSoWkIkLK2RtzikuGP2heT1qaH+OmBCkziCNzISWJqZZtq7ixBz60u0YAxx6USqvmRjaMYHagCUTs2MHjvxVxW3Q5PNQKoU4AwParMIGMY4oApNloHI4y2BSNuZI1xyOavTIq7QFAHpio8DnigCusjq7B0yOobNSrJuUMo3DHSkm/493pLAYgAAxQBMsbBQz8emKkST94McUvVeeaZH9+gC6xPFVriIs+e2MVZXlaO5oAox2hVdpPOc1LJZg/N39albse9Ok7UFGX/ZaGQNubOc4zVuS1SXaSPu9BUnoe+akXqfrQMjEfHU1HNbxyHJ/Gp261E3eqAh+xxqdyoN3r3oaMOMGpI+9MP3jQBH5Kx8KoH0FAVV9ieambotZt6zLflQSBgcA0AWpE455qvJEtWHJquOS2eakCuyovHAP1qJowOq4/GqOoMReLg96W+dltiQSDx3oAnbaDwQR9eajkVcf41lRsftUXJ6Vc3E5ySaAFcKKryMCp70krHd17VBuO08mgoY7DPBGO9NYoRwwqvNxuxVWMnd+FAFySMH5gcetRfL65p0ZJXk5qqeJmA4FAC3GD14qqzLyD0qaT5oznmsqRjzyetAFiTaeQeO5qpNGsn0p+T5IqvITuAzxQA2aJQmM8VnG1/eMcjHWtG4+6v0qjN940AUprdW69artahh6Grj9fxqBfvtVAVJIdoxiqk1oOoNXwSzNnmoWoAypomIA98VEySIcYrRb/AFlDD5jxQB//2Q==)

**Полусинтетические пенициллины**

В природных пенициллинах существует зависимость между рН среды и химической и биологической стабильностью антибиотика. Поскольку β-лактамное кольцо, которое является фармакофором, представляет активность, осуществляются трехуровневые молекулярные модификации, которые предотвращают как химическое, так и ферментативное расщепление этого кольца или стабилизируют β-лактамное кольцо. Основными мишенями молекулярных модификаций являются:

1) Получить pH-резистентные пенициллины для производных, которые будут использоваться перорально,

2) Для получения препаратов пролонгированного действия (пенициллин-G и пенициллин-V органические соли депо-эффекта, новокаиновые и бензатиновые пенициллины)

3) создать молекулы, защищенные от β-лактамаз (пенициллиназы) (оксациллин, диклоксациллин, флуклоксациллин)

4) Расширить спектр антибактериального действия

а) Получение эффективных производных против энтерококков (ампициллин, амоксациллин, бакампициллин)

б) Производные, эффективные в отношении синегнойных, энтерококковых бактерий (мезлоциллин, пиперациллин)

Химические условия оптимизации для улучшения фармакокинетических свойств следующие:

1) Обеспечение соответствия фармацевтическим препаратам

2) Для обеспечения оптимальности всасывания

3) Для обеспечения хорошей диффузии через липоидные барьеры

4) Свести к минимуму кумулятивную и аллергическую токсичность

При синтетическом получении 6-аминопеницилановой кислоты образуется β-лактам с транс-(6R,5S). В встречающейся в природе 6-аминопеницилановой кислоте она находится в цис-конфигурации (6R, 5R). Хотя существует химический способ производства, этот способ экономически не эффективен. 6-Аминопеницилановую кислоту удобнее получать в цис-конфигурации (6R,5R) одним из биосинтетических или полусинтетических путей с использованием природного пенициллина-G или пенициллина-V. 6-аминопеницилановая кислота производится как синтетическим, так и биосинтетическим путем.

**Биосинтетический путь**

При добавлении 0,001% иммобилизованной пенициллин-амидазы и 10% раствора аммиака для контроля pH к соединениям пенициллина G или пенициллина V происходит количественный гидролиз, и 6-аминопенициллиновая кислота дает фенилуксусную кислоту из пенициллина G или феноксиуксусную кислоту из пенициллина V.

![Text, letter, whiteboard

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RmCRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjA3OjA2AAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAM4OAAAkpIAAgAAAAM4OAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NTowMQAyMDIzOjAyOjI2IDIzOjU1OjAxAAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAB9YAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAKgEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A6Us1HzdayNB4cil3mgBQxINKCfWgBshOKgbcTnNADgWUcmniU460AIzOeRSFnK/zoATcw59acpbrigBwY7eTTSxXrQA7IxnrTCzAdqAAuwXpg0zcx5oADI3ao97dc0AIXOKrTTmJN7ZxkDjuScD+dAFb+0k81onDI4bB3YwOCc9enFWgW24BpgKoYd6cOe9AD/4ME9agYKOc0xkLspqAsOaANkuSSBTg57nGOtSIXzM9CD9KaHJHBBI4OKAJAWxzSLJ823cMjqM80CFZ8A5I4GeajWTfnBB+hoGMDF+hB+hqpdXdzbzxxQQCUurNjODwQP6/pQIje/1FWIFmWAxjGec5z2pkt/qEMkhW0eVcttXGOgGO3fmgCW41G6jnaNLKR1BX58HBz17dqgOr3e0N9hnGFJKbGJJzwOlAF23vJp1B8op85BDKemOvIHeqEmpaivBgG4R5yFOCcE5H5DigDUt7nzVYjPysVOe1SF29KBlW6v0s9plBw2cEY7AnufamvqcUcqxkNl8bcYxnPT60CB9UtFbBuoQc4xvFQtqtsMYlV2Y4VU5JPtTGRkXc1xHOECYBBjZvrjoOvT/6/FV573fLFbTqIN3zP5h4wPRumc496BBILMbgW3E9WBLdsdee1WraVZIgY2LKpK5PqDg0AS5c98UhcRsqtIF3HAyepoGS/jWY+oxGNygYsJNnIOBkj5ifTBzTAryXU5mChMpnDFFyQOOR65yajs3vGkzcrgbeQMAA8f8A16Bm5NYSG4kmSYxyO4OR/dwAR+gNRDTr3yQh1Bt23aWweevJ59x+VSInt7GeCRSbosgP3ACBjbjHX8adFYPFCYxcMDsRVYDBG3155z3oAiawujvRb2VQwPz7iSDkY4z2Gen5U9tNZpmmExEpAG4ZHHGeh74FAES6XdhCv9pTcgDPORwR6++akh02aG4WQXjFQzMY8HBy2fX6/nQIswW4t3kKkne2RnsOuPpkk/jSS2vmSFhPOueyvwKBjPsbdry5H/Ah/hTTZy5/4/7of98f/E0AL9knxkajdf8AfMf/AMRTfslz/wBBG4/FI/8A4mmA4Wtxn/j/AJf++E/+Jpfs8/8Az+Of+AL/AIUhFSSwvzdpLDqRiiUfPGIVO85/StIEgc9cUDI5YYp9okQNtzjPbIx/I1CtlChckb9zBvmA4xjH5YFMCDUrmC2e1aaVIwJcguwH8J/xqteX9tIkMqSq6I+4NGQwyB0yOhOaBFh9Tskco91CrjgqXGRVYXsE2pRiGVHzEw4PutADns1dpsMyrL99RjBOMZ/LFMtrUWjny2Ow5O33Jz/WgC2Ganfe2k9jxTGOwSetN8pFXCqq8Y4FAyJkFRMooA3GHelHSpEL0p2BQAjDim555oAWjIxQAhxim55pgJmjIzQAZozmgBSRSZGKAE3c0Z4oAb2qC5lMUDSKuSMfhz1/DrQBQt7cXV213Md21iqD+Hg9R7f55q5LBFMu2RAykEEHoQaBCkj8qinijnj2SLkdQRwQfUHsaYFD/S8KCXyHO7GPu84x+lVfL1Mxxl3HmbsuVPBG4dPwzSAv2gkjtkWUkuOpJzmrAbmmMeGoLUDI2PFQMaANvdSg8jFSIcTShuKAHZ4qNxnkUANzRupgGRimk0AGeKbnmgQE0bqADdRmgBM0ZoAQHtQTQA2qd2Jy0Rh6B/mGeopgU7gXzu+3ARl24VsYI5z/ADH5UttHdRTt5kpeIrgBjyMd/wAaALZamE0gG7qUNTAcGp26gY1jUDGgZt0oqREg6U31oAcOtL2pgRHrTT1oABR2oAb3pD1pAJQOlMQGl7UAFN7UAFHagBnemmgCNutMNMBtNagYw0dqQDhS9qYCGo2oGf/Z/+Ex6Gh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRvclRvb2w+V2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NDwveG1wOkNyZWF0b3JUb29sPjx4bXA6Q3JlYXRlRGF0ZT4yMDIzLTAyLTI2VDIzOjU1OjAxLjg3NTwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMAAwICAwICAwMDAwQDAwQFCAUFBAQFCgcHBggMCgwMCwoLCw0OEhANDhEOCwsQFhARExQVFRUMDxcYFhQYEhQVFP/bAEMBAwQEBQQFCQUFCRQNCw0UFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFP/AABEIAIQDJgMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTUWEHInEUMoGRoQgjQrHBFVLR8CQzYnKCCQoWFxgZGiUmJygpKjQ1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4eLj5OXm5+jp6vHy8/T19vf4+fr/xAAfAQADAQEBAQEBAQEBAAAAAAAAAQIDBAUGBwgJCgv/xAC1EQACAQIEBAMEBwUEBAABAncAAQIDEQQFITEGEkFRB2FxEyIygQgUQpGhscEJIzNS8BVictEKFiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/2gAMAwEAAhEDEQA/APcYpgOCQRTJptuSDxVUt8pxxVVpDyMk+leedZd85mGc80qzsJMFsrjNUo5v3RVvve1LGDg5POMUAT3kp8tChzk81PGwZFJ9KoqhEaqTkA083IWXYBwBQBfhmBUbu9SrKinHY1mhv3Yx61Kjf3jQBqBhGKieXcflODUC3A2880zzNzEdKALTuU29MmpPMHY1ULbsc5pvmFc0AXfP2571XS6eRj8vtUTSDaOcGls365oAtx4x8w4qLcVlY/w07zPm5PFQq27caALMcyEHB496dHKG4UjNVI8FsY60rq0ZO3rQBc8zbxTD8z1WZmIHGT3pxZgAcc0AFxIq9TiqbSq2Tmpp3G35wDVBQWdiudmKALTTBdpPQ1SaYFnJPy54p00uFxjPFVsjyznIoAnF6yMoQ8GpI7lmZtzEj0qnt+5jnvT4WO48d6ANG3utnU4qYXpYGs6QncOOPapIm2sAcYJoAvW9wzMRU63Zjk2mqayCPNJ5qs/FAGj9q+Ykcmk+2Bskiqe7qc4pvncY60AWGvk2nHGeOarNeKqkq2SKrTSKsqjHeo5FVEkwOTzQBrw3atGMntk0q3CNyGz7VhrcN+7UDjoatqyrwODQBbmuQucYNV7Wfc0p6gGqdxNmQBc4zzUcMrL5nHBNAF+a5YSKvGDUsF1liPSs5nZmVzwKl85VzwQeuaAL7SbuQcVAX5wDVX7QWU4OKW3b3zQBdhf3qyZlEZOazw20NzTlfKgZ4NAFuG8y7LngGpmYsRWXCczEAd81cVmZsdKAJGkw5B54qKe4AXGRuFJJD+9ByTUW1EVyVy2aAJIp/u7j+VStMHzVT5WZSOKk8xF696AJoWKkDPFE0m7PoKbFHvPB561OsQXg80AV4iG69falbG4ZbH1qxujjY4Azis++bcVwO+aALe0qeuR7U4hSoIYDnGM1nLI5k5Py4qPzB5mV4AoA0W2bvvZp6pH2rHjuP3jZ9auNJwuCaANAKijrxVSe8WNwikVE8ny9aoMwWTNNAaYuCysSarSXRXA4wTVeObKtzTXY7R7GgDQVw2BmpGcKoGQTWeqsJEapDjexJxTQFvzgFFJ5y+uDVN3Cjrmq0knqeKYF5p1LHmozNuOAQKo+YN2BRjnrSA0RMq8s3btULXAkOVOBVCRj68U6Nt3TpSAveYOPmzSySfLgVnliG4FNa4bvTQE9xMI1znvVdZgzZB7VVuJC2R2pjTeSnTIpgXfty7sEY96a9yO1ZrTE5bsOcVKzYYrglsZ24H+PSgCz9p3cUrT7V4qjHJ5mSpUqvU5/SnTTJGpLuqj03jI9vrQAl3KJAPXOanhkC7exxWbIpcqRnFWlzx6igC8118pzjAqpLOHkBXp70yTOCPWmbT2oAljm27jUkN4zDIOKpqrc55BqSKP0FAGhJcM0ZXPWk84rtQntUChqeylsd6pFIkWbzOM96VpCpwDUcce1T6mlSEjnk0ASeZyBnvV6NsqKzfKJYVZVitAx123y1ksT5hNasnzdarSQjHFAGfJHu5HWmKGVsVc2c4pPlFMaG7ty4PFVbpeMdqsNgEmoJJA3B60xlMw49ajaMjPrV7AYVWmYKpzQBUZO5pApPbAoWcOT6UkjFelAEci0U1n3HrRQB6nsK9elLsXHTmhpPeolk5z1rAyHeWtPVRxUZlXdgHJp+8KBng0AS+WM8Cm7E3fdGcU1p/nAxx60qyA5HU0ALt+TgU3aetSLzxS7QvHegBi+lPAFR7st1xSmQDigfQkDlTxSLIWJ4FR/e9aeHVV75oJQTfMR2xRG21uelI0g60q5agZbUBhk0DauV71AWK4ANNkmCnJ/SgRYI7jjnNCsOpyTmqy3JkXgYFSrIq4FAE24KTigsMcmkbDY5waijkV8qeoPNAxsjDsc1Bn5SO1WJYwrcVCy84oAiKg4OB6UjKO6g0/7rYzR9888UAQ+WqnOAKkjjXnApsg24ANJuC0ASNIirg1XZl+8OtJvG45HFRyY5GeKAJo5MqR1pUYq3Aqqsqr3qxDMp60AStcdqdH+84HWm7Eb5s8Usbc8cUATx267QSMmmyxhhjFSLcKq4yM+5piyozNtdXIAJweefUdqAK62+0nHWlWMhjkD61IZhg9sck+3eo95Zu+3s3r39fSgBxgDL0Gaj8sd6fJJ5bBCcN35FOjx3NAEflq2ARwKWSIGPineYrMR0pJZFRevFAFWKFucipobUq2RSRXCye1WVVmQMPlU/wAXUfnQACEH3Jp/kqPYD0qIOeuCw7kDpSNchiVzyOOvejUBy4R8jirPmbap+YoIBIFTb1/DuaBEv8QOabJGGzSZ4Bw2T0WmyNj+IZ784xQAjRge1VZX2t61Pu45bn86g48zrg/mPrQMkhuDGozkGrfnfLnNU9yt8xYEdiOlPS4R+BQBN5gamum7BNLHikkYL05oAbtG7NQsoGcVK0gXluB61AzCTOG4oASO3DZPSpWTp7UxJVVcBsmhmLDg00AhBLHmoGj3NUqxs3OaVm2jGBVARRx9hUwh28HpTF68VJ5nrSARjjBpjfNnipl29+lNkZelMCuy59qYYz3FTFhmhm+XgZ5oAqbPLbGKXNOkJPaofMXn1FACMpL+1OYYbjgULKG5xzTlYMwBBA70gEbA6nFM4YEgg1yHjnxlcaDqmj6VatawXWps225uyTEij2BGSfrUvh3WdfuNWvtP1m3toxbxpJFNbKwWVWzzyTyMevegDoZlLNz+lN8sEdM0NN+VKswXrTA4/wCKHiabwb4Pur+1AF2zLBAxGQjscZx9M1Rs/hzYX2hqbm4u21O4iLPffaGDCQj06Y56YrW+I3hlPGnhO70z7QttIxVo5m6LIDlc1kaT4q8Qafp0FhqHhW5fUIVERu4JFa2YjgODnOPWm9hXON8Y2EHhbxj4LF/M8qNCUnZRI6uV6EqM5NGqX+l6t8WPDRs0lYSQyNNH5LxAkEY6gA1t+J9L8Qal4s8K3y2Au/7LLvNIsgQHd2Uc5xU3ibRdZ1Dxp4d1S30xWttPV0kaWcIfn9BikB3dreWlxO0EV1byToSDCsoLr07VeUg9OleY31mui/ETQ7xbCBLe8V7fzImCuJeGJf1HydeK9HhuBLGX7g4oAtGPzMYpwjwvIzVWG7PJx7VKtwW7fnQBNtXbwOacqgdqr+bs5PNOW7Vge3emikWGIVTRFIpUiqTXiyfLgiolnEe48ntTA01bPap1O1eRxWZDefLkCnm8JOO3vQNGipVjxSsoPes5ZyowDTjcnOM0wLhkC9aieYVWaQj3FVJncZOcUDLzzLg8YqnNKFI96reY7d80jMT17UASNeBWx1qCaZWk4qBvvlvwAqN8bSTxj3zTAma4OcDFU5rogkHpTfnY57dMgGkeMsucY59fzoAiWQdR1qXzNyEms+TUrJA4F3DIYxlxG+Sp5zn9KZo2u6fr1qZ7Cc3EGdok24Bx1x+NAFqRsNkZop8mOOKKBo9Nkby2xnP1qOSTavB5pZI2kP8AhUTwszAbsA8jgg1gZi5YNkdSKcLgqQr/ADc0eWV754xQsQzkmgCy025gAMDFRIxjzz360RoxOeT6HHBqaOEEkEZJ7UAP3tHty2d1M8759ufmzUqx/L244LYOB6/pVSTNvMCynDDIJoAsSSbTtPXGaqvM4yQelS7DI2c8YqOWEdN2B9eTQBMlwWkwTjjmoJpWXdhs84FTC3Kscgqcc8dKa9v8rLnODjPrQBF5jpIQSTxVi3kbkluOlC22eT1xT/I2rjnGc0ATCQ8Gopm96fHjAFR7d0hzk9qBCCYx9siiST94vzflStAzLuGfL/vYyKT7OvnZLfMo+7kf/r/SgCwrkADNKqgSEqecZNR4+bOaRlGd27Hrk44/KgY52dzkHvVeaRo24PFWHjeNSCCGxkAjFVmgMi5Oc/17UAQTXO6QEE9KljnO0fXFNktd7YVWz0HGOfT86YsDQyDflQeRu9KAJrjcACOeap3Epj5yRWi0Ykj5PHtziqE1oWwSCqdehPH5UARRzM2MnmnNIW471YjsTJESAeO68gjt9KYlmy7lB3YPUc0AQEjyyT61j+Jtefwvomo6p9klvobOEyvDCQHIHU81vNalQUbp1rE8cWYm8D+I0z97Tp+uMf6s+tMRzOh/GKG41TS7TVNGvdHtdUiMtleXDoUl+XOPbjP5Utr8ctLv76whhtGez1B2jtbmGdXckdC6YGwN25rC8L+G9S+IGi+A21Gwj0/TtNgW4Mizh2nJiKKFAHyjkk89qveD/DfjLwxb2PhyW002TS7OT93rKyfvpYFbKpsI+8OFz6VWgEln8cEvLeG7fw/eQacb/wDs2e6eaMiGXeF6D61oL400fRvF3jGeaxurW702yjuLud3yk6DO0gdulcfN8PfE0ngXUdHGkRyXEuuHVIWNyNvlmZZCMY4OFxj3rfvPDviT/hL/ABJq8ejxMmo6XFaxLLMrJ5iZPzcfdIbHfpUgaV58RIb7w3rM2qaBdLYR2XnssE4lE8TBhlXXGCpHNYd3cBfiD8P76we4hhurSUGLzC25RCpXIJwTz1qlpfw71rTdN8V2um6bPYabqGnGK30ma4Dbbl8jfGeykH8z0q4/hnxAmo+A7g6LMp0mN4rv96h2kxLGMZPqKEBLp/xR0Pw7peuammn6kltBqJivEA8w+ccAsMnhf8a6vwz8R7bxNrF1pgsbzT763iWcRXahfMjJxuH4kce9ebax4N8RXGi+NrKPQp3fVL9bu0CyR/Mnyg9+vyk11Gm6PrH/AAtSy1qTSbqCxfTFs5ZiyN5TghuQDkjgj8qYHV+IPHVp4bu4bOS1ury8mjaYQWqbjsXlmLHgAf1rHvPjF4dhsdHuVa9uIdWDfZPKti+5hxtPPBHpWf8AE7S9bvNX0lItNm1LRXhkS5S1dUdZCMKGOc7fpXBeHdE1/TdN8DW954dvkGjanJJO0IR18rLDIwe24UAegr8bfDlvDLK5v1NvN5dxH9kbdbjj5nHpz69xW8viXSbzx1YQQalcnUGs2kSzxtt5Izht316H8686vdO1DyfiXB/Y+pBtUKm0AiyJiI9hxz/exT4be9vPEvgmVdPv7ZIdHksppntyFt5Hj2Dcc+oPP0oAvfEz4kJM+hro19fKRq0VtJNDFiCYFsMu7vjn8q626+I+iWer3NpJet5iT/Z5JFiZoUlbGAzgcdR+teR3MmrWfw/0fwtd6BqR1bR9SjaTyYd8MirJuLhxgcjGai8cx6xqz65v0DVo5I72G4t7e1tcxNErA73x958cfjVID1/VvihoOhTXKX9zMi2pAmmW3kKRk9Occ9RXVWOsRalbxS27+ZFIiurYbkHnPIGO3FeKa5qg8UeJIIb3Tr6x0K2UXs8UlnKz3kxHyqdqEYUZHSvSZtWl/wCEPl1W3tHjke1Yx24TawYjCjbwQBx2pMWpP4R1y81hdWvZZnFtPevHbjH3UT5cj8d36Vw0fxU1Xwh8RrvRPEdy954fleNLbVJEGIJHXKo5GODyPyr0Hw9o7aToNjYnd5kMS+YcY+fG5v8Ax7NceuiaX4q8SeMdHv4mltb5Ydu6NhwEKsykjGRkVPUZqSX+tXHizVbBNbmit4bNLmFEjRiGLEHnHIwBj61ieAvFmu+JvhvJq13q2dQdZWWQJErRbCcDb6HFYvgPTdd8H+INasfEM32i2s9MSOz1IqSJoVZtmfUrkD8azPhX4d8P3Pw5uXv7RPtcMk4l83erAEnacd859KOoHoPwn8T6p4l8F2Opavd/bbu73F/kVNm1iABgV2drcdcnIBrxT4ZyTr8JbS3ttTm0mWz80zGGItKOWKgKRznivSPh3rVz4k8FaTf3c8d1PLGd80fqCQVI9RxmgDs1uQQKZJdHcCvSoY0+Wmvlvujn2pajJ7i4MkJXpUcdwY41BPtULK/UnPtTfmkKgjAz2oAkWRmc4waHmKqTmoNrIzdhmlYFkIJxkVSAliujwRkjvjPH6YqdZCykkcev/wCrNeTfEK8n0Lxp4UVNYudO06+nZLlRcbI+BkdelR+Ktckm+IXhW20/xDK9neGRbiC2vA6Ar908HPP9aNRHqjTHzMAHnpUvmhflOSfQA/1xWdNFJNCPM3hHXaXGQV/H647141pnxC1bwb4wvNP1yee78OSXZgt9QuH3tbuBkKzdgeaNQPd955zwP4TzzTHmO3PfOK4Lw6WXxprYN5cS28aQyRI85aMK4ydo6Y4rVu/iD4ZhZlfxFpqMrEFWuFBBHbGaAOkkk6AH3qM3JXqa5Zvid4TDAt4k0wdh/pAqtcfFLweZCF8T6b/wKXH407DOsN4WPXNMjmG564n/AIWv4N3lf+Eo04FTyQ5P8hTP+FueDU358TWR+hf/AOJosB3BvNqHaOap6p4jsdFshd6jdx2dsxAEkpwOeMe/Ned6v8YLTUmXTPB1u3iTVJuBNGrLbw+7sQPbil0n4VXGq3i6t4uvW1nUl+aOBuIbf2Veh+poEaPj0+HvES6fpWvmNoLzc9pdGTy/LYDI2v29qwfh/d6v4b8XXfhmTV5Nc0WK2WaG4c75Ie+wkHk8n8q9FuNB06/gihuLOGeKMYWORAwX1xmpdL0Gw0dWFhZw2m45PkoFz9aAMTQPHmjeJ1lisL0PdRsVktphsmXBx909RW6J2kwq/KwGPvZ//Ua5bxd8K9E8UXBupImsdRA+S+tDskUjoeOtcbrfiTxn8K9Pkk1e1j8T6VChEWpwNsmj/u717j1OBSQFvxPdTeM/iBY+HbeWT+z9M23V9IrYy4+6pI+v6V6VkTRBhw3UnHP69vavIvgv4u8Lpp0s17rsEWv30rTXQugYmyTwo3Y4HavY7eSG7hElvLHcRkfeicMD9CM03cRW5WRSMLjkYAprYZsnnByM84/OoNd1mx8PW6zahP5Qc7Yo1Us8pPZV7n/CsaPxzpk17b2Zgv7e5nBMaz2+3fjqRz+mc00BZj8O2Fjqkl/DbD7TISS7MWxnrgE8dK3LVSsf4VzGi+NLXxJ9r+wWl4fsztE/moFO9eoAzTvBvjKDxfDcS21rc26QTNC32jAO4HB4pCvqdPFJ94d81L5ny8moo4WYk1KYfloLI3mPQGotzZPPFTGHoD0qRIV7800BVUsrZHze1SJllfC4FWVjVWBAqRgApOOP5VQylEroMe9SojsxqQjKs6YJClsew74rP8N69FrWm207NFHPMOYt2CD9KBmksLd6PLOasbsZ79qTd34oAZ0FUtSuoNPtZLq6lWC3j+/IxwBk4H6kVfXn61538YJrLUtOttBubhreO+MjO6g5UKML0/2iD+FAHbQR+Zkgg8ZBHQ+9ZfiLW7XwvY/bb3LJuEaRJ96Rj/CP0rj/AIY+Ov7Q8DubrzJbvSg1tcJEpLttBCsAexFYPxK8YRa1N4X1AWt5Z6db6ptma8iMSjcuFY89M0wOuuPFeqW81ibnRfJsrqbymmjl3NFkHBZcVn2viLVvGE12+j3aabYQymCNnQMJnU4JPtmutury3tbaN55VKykKrHB3MehAzz2rzb4a6lB4Pt9S0LWJVsL2zvJZQJj/AK9GbcGX8D/KgCGb4oXGoaZBp0kX2PXptR/s24MbELGQeWXnuKm8X28vgePS9Z065ustdRWt1FI5dJ0kPJ56GuffwLf65Be+IdPRv7QXVzqVtA+FDR55H1IFdTrTXHj2HT7AWFzp9slwtxcG6G3JXoo9frQBh+GboaZ428XRw6bNeGS4VwsIGEDJnHNa3wduBL4NhVozAyTzKEOBgBz/AI1Y0jw/qWneMtYv3aGO1vQvlqCSyFFwD171Z8G+FZ/DNvcxSXwuoZZDMirGFCFiSwzQUjqmYUVBuNFIZ1XxU1jUPD/w/wBZ1bSrn7Ne2EJuEPlLIHx1Uhh7/pXLaX4413RvGHgvTtWvINYtvFFtv+WBIpraQIGyCvVecc+h5rd+MEqL8M/EcTbzJPaSRxrHGXLORwMD6VV8B+ENGk8K6Ze2duseozaYlt9olDGSJ/LwwG7oC2DxWSMTpLLxvoN5qBsk1OPzzu2bkYJJt+9sYjDYyOmar2nxM8Jahd2cFtrlvK15I0UDKGwzg42bsYDZz+VeU/DW10iZtA03U9A1aTxRocx8wzmTybdVJ3zKc7dpQcDHJNZVv9mPw20y3hs7kXtt4rW6KLZyLJ5P2gsG+7wCmaYHsum+JdOj1jxRcf26biKyERubVlwtmQrDA4GckevpUevfELQLzwvrTf2zc6ItsFinupIWjlgL5KHGD1AP51wd7JaXXiT4lxXGl395p2qWtmyeTBIrTbV2vs46jcp5z0NZs1vq914G8c6U73mvWAtI49Nv2tXW5kYkjy2G0bgmAMkfzpAejXGt3sPxa8PWw1Ga40u80e4neNuU3x+WFcDGeRz+JpNP+IXhrR/Dz6nd+ILi/s59SlgSa4hO8SEqPLAAGADwKyYb2Sbx/wCBLtLO9Nuujy29zIbWQCGRlTCn6lT+VcXc21/ceAdTtk0jUJJj4sGoxQ/ZXLeQZg+RkdNoP6UhntXhvxppHixr2LTJpnlsiq3Ec8JidCwO0gHqOOtc74l8RX+rfECx8FaTezafmz/tDUL2H74iLFVRT/DlsEn2qr4dklb4weJL1bK9isdQ062SG6ltmVGkQtuHPQjcKXxN4f1LQ/iVpnjnTrJ9Ttzaf2bqNjHjzfLLEiRB3wxHHNAGiLaXw/4q0ryfE8ktq2RcaZqN7vkfcpCOu7JJ3dR6GtjxR4wsPBNnDcaoJ2gkdbcTW8e8B+gDHtk/0rjNYtR4u+Jng7VbLR7owWH2gXt1dWgh+UqRH1znBGRXceLPC8fjDwrqekXB+W6iKCQ8bJOCjD3DAHNNAM1Dxxpmlaje2V280DWdqLuWZ4j5aoSQvIzySMAVlt8X9Ahiv3li1CKWxiWee1aDMoiYkCRQD8yjjP1rkR4H17xR8KdYTU4lHizUkV2ic/KVhbEcZzx8wVz/AMDrS+H9sNbvRLL4J/4R4G0MF69wih5WbH7tcfwYDfpTA63/AIT/AEtY9HlUXDx6rE09u4j4VFQOS3PHy1V0H4laR4j1C1tbZp4ZLuJ7i1kniKrcRqQCUPfGa4v4Z+G9T0u612F54r630XzdM0jJ5CnD4JxgkZRD/umuc8J6P4ih8Z+EdZu/Dupi5jWWDUJZmVUDOuMxrnCoM9h9c0gO0+OWpXmleG9P1Gz1K5064+329s0sE3lDY7YYH8P5VU0DxncaD8TNY0J9abWvDltpov5LqeQSm0kH3lMg6gjtV/44afeat4MisrGxu7+4a9hkK26BhtRhuJOehArY17wrFr3gPWdM0m0/suXUrR0jXywpDleN2PU8fjT6AFv8YNBknubaRLy1uo7Z7yKGSEF7iFeS0YDHdxjjg0zQ/jDoniLU9PsrMXsR1JC9nPNbFElwu4qDnk4PT2Ncb4Xhur6xBk8CnR763s3iurggHe3l7FEJHJ3Hv6ZHeqek6dq8Ok/C+I6HqcM+jTMt4jQgGNSjICDn3WkhHcaL460Sw07W9QguL6aNNU8ieGcFn89iqhEBPA5qPxN480O80EzagNWso4dRjt2EcRV0mBUoCQSNpyM1yEehz3On+LrXUPDF9eadf62l1HEcK7RHA8yIg8MpGfwqnqfh/wATP8PdS042eoavGuqwPppuVVbswoVdjIM+2Bk84FAHZ/bJdL+MGvQyzXU1n/Yq3Rt1cvtPm4O0Z68D35NRaf8AEfw54b8KeH5kOqXFnqczw2zNEZXLeYw+Y565B49DUpW//wCFsXGrppN89jJov2bzhGhxLuMoXG7qQcZ9cVyOj6Hrlt4R8F2L+H9QhutL1z7TcKY0xHDvcluW54kGP92hAes+EfF2n+MLe8NrFcW8tjcGC4t7uPZJG2MjjPcVxfiOO48I/FrQb6a+ul0HV2e2aFp2McN1tO3AzwCOOfWtPwHHcx+PvGl1Nptza2eoSQT28kyqFbYgRujE5JrV+JPhU+MvB2o2ETbL8L59nKeqTodyMD2OaAKllZvqnxGvJ0ubj7JplvFFLCshETXLZJyO+F/9Crt16AnlhnkVyHw40u/0vwnbHVTu1i8Ju709xI+PlP0AUfga6aN8HBOaQywxTaS5VVAyWYgAfU9qwtYm8P65p8tndX+nT20mA6fak/Edfw/Gta6tYdRtZrW4TzYJkKSRnoyntXBSfAXwMuMaBEB04dv8aAOj0WDRND0+Gy067s4LOLIjjW5UhAecDngVrf2hZyfM17anbwP9IX/GuAb4B+BGbjQ1H/bZx/Wkb4A+BtuDo7Af7NxIP60AehLfW03Au7du/wDr1OT69etOWSHkLLCc/wB2RT/WvN/+Gf8AwN/0C5lHbF1KP/ZqQfs++DP4bG5U/wCzeS9P++qaEelqq8EvGe33lOfTv2/pSmPLAqvI7qw/xrzB/wBn3whu+WG+Rfa+lH9aib9nvwsW+SXVU/3dQl/xqgPUvs7q3yqwXvz/APX96kW3kU8Rtt7ccV5O37Pfh/krqOsRj0W/k/xp8fwF0liBHrevRqo6JfvQM9XW1P3hFgewI/lSMrLjcHAGQODjnrXln/Ch7TjyvE/iSEf7N8T/ADqT/hRqxjK+MfEw/wC3z/61Aj00x/Iu7OF6fXOc/nUMjmQhQuF+vv6V5n/wpu+XhPH3iSNfT7Rn+lMb4Q6z1j+IviNR05lH+FAHqchZNgxkd1J45qGbIYc5GMY49Ov4V5j/AMKn8Qrgp8R9fYf7bg/0pB8L/FyyAJ8R9YVfVlU/0oGemyB5FP59M8+tIGK4+XIznBHFeaH4b+NVYj/hZeolc8b4Fah/h7463D/i41yMdP8AQ1NAHpyyc4yd3rjn6802Qkt3A7ZPSvN4/AfxB7fEWUjtusFNDeCviSrEJ8QUPH8enL/jSt5iPRHUSMpIXgn079vpUS2sCSM2xXLDBGBjH0A/zivPv+EW+JoIU+Obc+509cfzpW8K/E5WwPG1ix/6aacpH86OXrcDtdWs9Q+zodInt7OfeC4ng3o6+hAweuOQay9HXSvANjb2F7e29nJdTSSgzMI0d2OTg4wPp7Vzp8OfFAsv/FYaW7Z4/wCJatea/HHRvGtr4Pb+3dV07VoJJQI7W3sAJixzypA47/nTUfMD6Ut2FxCs0DC4gb7ssJDofxBNIp2scHJ9q+KvAPgv4qQzeZoMGq6TExH7yeUxR+xwc/yr6b+H9v4+s0jHivWNO1FQPm8mImQf8DGOfwptWA7snnkYpyQ9z0qJpGfH1/8A1VIrHb1qdwHSx/KDgUwqGGAOfpT/ADNwwajyN3P4Uxnk/wAXrNrjxF4Tf+zri+trS7aS4MUBkQIeOT9SKpeOtMt7Hxt4SvLHRpglnMz3UlranaiH7u4jqeR0r2bcM9T09ePypjMAABkAdsnFAHmWq6TfWHijSLjT9Wvp7y4nZ7i2kctF5HJOU7Y+Wl0vT7LxbceK9Kv9Pmksr6cuvmwFUdQMFgT0I6/hWzdeAZbjXJtRXX9Si85w7QxlQvXO0HbnHHTNdcV3LjLH13E8/rQB5f8AC3wfrHhPXtdtNQna9sdsa2V2w+9EOin3A4rqpvhd4SupXlk8O6cZJCWZvs65JPXmunVQlObG3NAHDa58K/CkOi3zw+H7CKQQSYZIFBHynkVyfwW8F+H9W+H+mT3Wi2M82HVnkhBJwxA5r1XU2MtjdRDGWhcD/vk15/8AApwvgOCIHBinlQ/gxouSdOvw58Mo3y6BpoH/AF7Kf6UsngPw3DGWXQdODDkYtk4/St532rxzVWWZs7Sc5yPQdDSuxnlnw10+30z4geOLa3hjhRbtCixqFCjb2A4716ukJKgjoBXmHhgNafFrxgpQqsiQSDPA6Y4PevTYZNygjOPXimALCgyw4p0eFOT0prMAaTzBjAoGK6iRhwK4/wCLMO74a+IlGD/oxJx3wQa67dXLfEiPzfAevoD960egXQzPDvg/QvEfg/R/7S0u0uz9kjy0sKk/d65I681m3HwN0S1l83RrzUdElXkLZXTKh742nPFbHw0uhP4J0aRiD/oqdPp/9aunkmH096bJueWagrH44aLa3fmSwQaeWt2Y7tzjGW59/wCdeh3FvaXSwG4WNjDKGjdjgh8YO0evzGszxR4TsvFf2WWV5ra+tDutry3IEkXX8xz0NQWPhm8a4SbVdZuNTeAkwho1RVOMZ4HJpDOQ8FS6xH4g8WRaabGGNdVfi6RnOSB0wwxUPwju7vS9G19mtvtV4uqyr5cZ2qWJ65PQV1uh+B4dA1DUruC/uXkv3MkqyEcPjG4YA5qnp/g+y8D2+oXdoL28Fw/mzQq28s2eSB69aAOm8J+Kh4lsJZns5rCeGVoJYZCCNy91YdRW2r7gTnivPfh/psulyaq6R3EGm3E3m2sF0fnjz94Yz612scxHGeKootLMN2CanDL2rM3bifrUgkK96aAvlsYp27selUFmO75jxUwmDt7UAU9c8P2GvNCL6MyiMYUbivXjt9a534d+B7Dw9p9s8mnpDfw5XzGJLEbjjn6AV1sil1psb9f5UikX1kGPmOT6mq5l5bJxTdwx3qCRiWNAFuKTpjk1y8OjahJ4wvdTuWglsXiWGGPb8yBT15Pfv+Fb0e5ehBNT8sBntVIDkLPwBLpnjC91611ExxXm3zrIIPLbHQ/X/GtzUtLt9Ws5bS9gjurSUbWjkAIIzn+f8q1Ngx7+tV5E64HJ70AcrpfgTSNCuFls4ZAyjC+ZKzgfQHpWldabaXWDPawy7R8pkQMR+J5rR8t8kYpGg+U5o1KRnxxrGoA6KMDgcfh0pjHdxjj3FXQg29OaiaHngUrMZSdcnOMHr0pqr8v61dkix9Kh2/KaYFP60VPtFFAHp00PlnJAYZ4zUW0qB271em+b3qoy881gZEbIrc7QTxyRk8Hgf59alWISL8wyCSduOOev9PypvFTxvjjFMBrRqoyCd+MBu9LH83LDuSABxyc0ske4g85p6KKQCeWeSRnPtTuCvzD2HbA9P0pfMI4oQbqBoiZHZjhjg+9Ohd45AVbayg4PpxipvLJGab5ZzQMYy7SQuQD2yTx6f59acDyC3POf/rU4ghqaR7UAIybu24dwRnP+f6Vk69ocGu6XcafctMsMy7WeGQo456hhyK2FjJGQaHG9elMDI0HRbXw7pMOn2CNFbxZIBYsSx5ZiT1JPOa1BEpix3/M/rTPLKninLJubFIkVVCqAoAPABwOMfpQwP4Zz+uac3HIpeJBkUAM25XI4I6Y4xSRR7WBxz2zzj8TzUqqF4pJs8EdapAJ5PlgBRhQoUADoKEYxsNoCgdAox+Hv+NJ5xPHejNJgAULjHRcYHYYpytt244xwPajFLt70ALnPB6daZIP3ZGMg8EHvSt1pFbaTnpTAgG7oT16/409VVTzSspHIpjfe5oAmYDGQcUwZZiM/nQZPlxTSoVd2eaVgH+Tjqc1GV2t7U9ZNy88Gh2GOf0pgHVfWkVSoprPxxQrGmApXdkCoivl9eDTy3zelI7bm5oAiwM8dak+7jFNxk09vlxQA9CT1A/IUsmCvIH5Uik9aCc0ARoA/QDHuKWRfmwAMfShRuYgcfSpNpx60AQqvYgY+lA61Ns3LULcdOtAC+WOw59cUAZ4NSR+9MdcPxSAlUjGKGYAEke1RbitG/dwaLAKiDrgflT22sucUxFOeKV1280AMOFyRTPLjkIJRSQeCVBI+lK1IMLjFADnBYk9x0bvUPzbgScn1PNWlbdmmSKNuaAIeeDT9xx0p6R+YOOlJt6g0wITw1D5/CnMBTOWNAApOamyuz0NRldtIc0AKeP8A9dNxznvTm4GKj8zB56UAH40p+6O9NDZb2pskwjVmc+Wigku3QDHWgCjfSJDbzySSLHEEbMjcBeD1NebfAeU3Hg6cxjeBfXBG0H+99Kx/GXig/Em6ubG2umsfCGnf8f8AqG4oLhh1RD3H+Fcn8NfhfqevTXk9hr2raH4aaVmslich5Bkc/SmiWfRmZCQNpz6EH/Cua+IWrax4e8O3WpaZ5MzW3MlpOh/ejIAVSCOT/Suab4KTsxB8Z+IWP8JNxjn8q3PFNl/YPw7vYJrprkwQBPOumy7kMCMnHXIpCMzS/HsXizwjd6zpRjttQt42+0Q3EQLQuq52sOuPSus8MXd1e6LaXV20cks0SyFkUKBmvMPGvhW70e1l8WeG1SSSa0CahZxNuS6UoAX4x8wJrsdN8PQeLvh9pFjdS3ECm3Rme3kKSAgYAJH1NML6nYM25jzjBI/zzTNwU/My/wDfY/xrzeX4AeH5GybzVmOeS184oX9n/wAMo339Qf1L3sh/rTLPRmuoehuIwf8AfX/Gub8Z31rJ4V1mM3VvlrWRQDMuScdAM9a51v2ffCG4bobuQ/7V3J/jS/8ADPvg9gV/sySTdxhriQ5/WgRN8JyV8BaIp4Igxg+xrtGUMteVS6BrHwdle40ZJdY8LO2+XTy26a29dh749Oeteg+H/FGneJtLTUNPuEuLc9cHDIfRh1BFDRJd2t0wKkVWOAf5Yp+48ME3DoSAcfhxSlgThckjrxikhojkjPfpUBUjkVbkG372c9KgmZY1ByMZwSSAM+me1IZWCY4A4p2DxSeYETe7Kqdd5IAx69envTPt9sqOxuoAE5ZvMBVR7kU9Rk6jAqTGaq2moW18pa3uIZwOpicNVsMKYAqZqeJB0FRowpVba3FA0WGU7KZHHjmhpO2eKdHx3pjH7fajYPSnbhnHakVwWIFMBwVQMgAGlMYPekGO9SLjHFBSI/umo26+1SSc/hUTksOBxTGISNtV3Xmpe1Mdh0oAgaoGbtViT7pquw+YUwGMcLiomA21I7YqJnJ4pAQng0UjN81FAHrDe9QTR9x0qfsajbjA61zkFdc55FSKw7ik7kHpSrigCVeaATSR8NxT/rQA0ihcqKfikY9qAHxtkc0q/Maaq7VpY+OlADyoagKBmjJpu7JxQAgGGPPFO/hpeMUoXNAELDOcVAq+XktViQFW9qiki3jJoAN/mdKFUrzUSts4705ZCvWgknDetJ5o3c9KI+Rml2KTk1SARwMcCmrzxT2x0pir1NAEi8GnnBWotw/GnbsUwEK80NyOlG6kDetABiopFHU1Nu4qJ6AI1x2pGJ3U5WGM012zQA9fm68UMVU801WFNkYE0AK3b0py9DUW7NO3HbQAN81NZSpzTSx7Uu6gCVcYpzfN1qJW4o3UASbRTd2DSBqjYndQBJ34NP8AMOMVCGxSq+aAJNxWmr8xoP3aaCaALCijbuPFQqxpfMHrg0APZR3qLHPtQXNJvJ7UASj7tNLFqQNxSK3WgBOaa3NSKC2TxVeRipoAlDEdKXzAeD1qJTS4HrigCUNjpxTSetIrdh+dIzenWgBGFM2+h5pS9Oz6UAN5FJ5nNOb5qjbjkUAKz96jYE56fjTt2V96Ta3Jzgd+M0gMbW/Emm+HDENQvBDJN9yJEMjnHU7R7VyniudfiRpP2XRtaW2to3zqCbWWYRAE4A7Zx3zWT4ZuJLz4zeKzfYle1jjS3WQYKIccgfzpPHMz6P8AFbwfeWajdfq8FyF4E6jnLDvjArRoRzugeHf+FgXMFrFbtYeC9PfENuw2m7cdWI9Ote3WNulvAqRoscaqAqqMAAcAYqO2VNq7UEa8lVCgY5q5uANTYAZQ3OMEenFVruzt7+Aw3MKzxk5KyDIqdnK8DpTPMHTvQBDb2cNvEIoYkjiAwEUfL+VSJGIUCqqqoGAFGKUnjim7z3qkIN23NM5z1pGYGk8zAoAH5bNLu+XB6dx60m4EZ70xsHvSAZN+8J4z7Yrz3X9B0n4eLq/iyzhe3m8ovJbwtiORyRg7fXNehbtp4Nc7420E+KvDOpaQGCNdRFUdugbqM+1UI5vw/oupa7o1tqF9rl9FfXUXmDypCixbvurisbUtc1iPVtA8I3d4/wBpuI3lurhCQ0ig/dB+n8q0vCPi5tH0i30rWbG+tdTs08lo1hLxyhfulXHGOlQeJNB1S51TRPFVta776yUxy2cZ+Z4mPOP9rpxSGit4wuJfhnNpWq6dLM+n3F0trd2c0rOpV+AwyeDUXhvUP+FjeItemvWY2GnSi2htVcgcA8nB5NXfFtlc/EIadpsem3Vnp0N0Lm4mvE2H5fuqB35NM0/wre+BfE+qahptpJqOl6kqySWsRCyQSYwTg9RjP6UpfDpuMrbv+ES+Ii+HiPP0HV7NpktpCX8uQEggEnIHtWF8K9asrPw5e2FzbXEha4mifbbl1b72AT7cV2Frot7rnio+Ib6zFstvbmCztWfLnnO5uODyaqfDvQdY8Nwanb39kkPmXUlzA3m5zuI4IH+etNaIBnwInjk8ERlRg/aJlbcMNwx6/SvTU9etcF8OPD2qeGbO7tL5YDE9zJPE8b5OGOSCMV3Kkj6UAT7vagdaiU+tO4oGSlscU+OQLnPpVdmpd2KopFuORT1pwYBjiqgP4U9X96AJWc7vapVlCVDndSHmgZK0m40jSfLxUbNxTQ3rQNCMTScd+tLuA5qJm+Y0DCTGDUDY3U9mz1qtIxXpQAkjVCzelK5JqNu9AEbtlvaijAzRQB6zvz9aQnB6ZpgZRQJMtWBAxl+YnOKRcqeDk1K2CeaaqAvx6UgFjb1608kZpjfLyaSN1c+9AE24jg0nmKvJpy/cPc0zALdKABZAzYFPj+9g1H8q/Wl3fN7U0BOwweKFUZpFbdSM23pQA9gOKf7VErbhTz83TrSAcyhqZ5LdulOXIzmk8w+tAijcKY23EVH5m5ge2KvyKJVKkVnMvltt700IkE2w47VIJhjNVfvNzT1weKoCVpQy8GnQv2qPy/XpSfdbigCZvlalOVx6VEW3Um4+tAErMB34oaYY4qP+Gm96AJBIDxTCx5oooAaFzzTvl29aZux9KTG7oaAANtJNDN0IqNs429qVR8uKAH7qXcKatI7U0AbuTTGajdTGpAO3HoKkVjjmol4p+4HigBwb5qJGC0xvlamyN+NArki/MuaUfLUEch9Km3cUDFZzwKcG+Womam7tvvQBPuxTGb5qj8z0FHXmgB+7PFIGIpoNBoAkVu9IzelM3YXmm+aKAH7j601/mHWm+YGOKX6daAFVsU4fN16VGcrzgUKxPNAhwYhuvFP3jFQs1ODDFNANaQbsmnJIGqKU8UkfSmMtbqYW60itSNQAi0x8sCOtP4pu7HQ4NAHKeIPBTXHiGLxFpN4NP1lI/KkeRN6Tr6OPy5BHSq9j4Lnm1xdW1q4W+v4F2QbBtjiHcqvUH8a692bdk80K3amBEqmMUnU5NPfNNoAN3r0pjsG4A5qTcFHrWVreqRaLpd5fzj9zbxNI3pwM80CNFeVPfnGc4Gf61FMflJHUV5N4H8X2GuX9rcazeXEOragS1tFcIyRbc8Kh6E9K9W/eCLeUZl7/AMhz9aYhOS+BjqR1psjKFyWUeik4Jryj4meKNU03XbbU7B92naK6C9jQ/f3de/OK1/iu1vqnw11O6Rg6iBbiB92Dg4PBH1NAjv4tzA4+bHXb0HGetMa5Tcq5ALLuCk849a8L0dl/4SDwnL4aa4U+Uo1Ly1YRsCvfd3zipvFviy60vxlbeJY7pG0yynFlNbeYOVP3mIz6gUAe2b+mfQGmthjxwaqw3K3EKyRvvjYblOex5qVDzmkMVgD247DsKjVcPnv9KlzTGbBpDGsv8P8ADjGOtKuAwOBx04zj86QtnmkZqBjGznHQZz1qMr3yafuzTN2aBEnG3ApA3amcq1Bb5vagCTdS7veouPWlVgOlMB5anqfWomel3/LkUxlhWpd1QKxpd1MpE4anLJg1ArGnigCRjzTQc8U1Wz1o3YNBSFkX3pjfLT2bIqMtQMjYZHtVeSpmbmoJG5xQBE1RtT2bvUTMaAGk0VEz0UBqeo5+anqxFM43UrYrBkDjJubjpT0k2jiq6jn2p/PbmkBMJN3WiNRuBFRbTjpUkUg6EYoAs+uKYzhfrTT97INOZRQBEfU0M3Shs7uelAwG9R71SAnWQbRS/eqLhvanKSv0oAUfKamRu4qBcs3tUodRxQIkZytQq3zfhTmbdTWAXvQIfnPtVeePdzjmpOT93rRuO7BFMCkfl5pdxqSePnA6VGRigBd565pud3NNZqP4aAJFbHWlDbqg+9waFk2jFAE3mYWhXDVAzfL+NCcYoAtdqbu9aYsnUUHmgBzECk3cUxj1poPy0ADYz1pdwFM53UknGKAJd2aidjTlbimyKMZzQAZNDEbaI+Qc0yTC96BD88cUA1Gsg6UvmY6UASM27rUbH0NJ5ham59aCSRfrTzINuKg8z8qSNgzGgCZs44pvmY+tNakznrQMXzWPGBTvMz1pij5qQ0DJN+OlOLDHNQcVJxtoAVpBigqGXPembvak9MmgAC7TnvUmd3PeomXLZBp642+9ACbvWnKw28UylUj8KaAc2KRaZI3pyKarUxX1HPnOO1CjjAoZ6jdvTrQUSnNPzlearxsR1qQmgQ/5cdaaw2tTVOKa3XNADnO6mZ+agsO3WmbjmgB8hplKWHc0m4UANbNZHifRR4i8PajpbsYxdwNF5gGdpI4OO/OK1iwpj4NMR4/JoOqa1pfh3Q7nS5rS80u5Dvc5BjITqUcf3hjj6109r4FtNFvpNVtJtQuLoBnWFrlmQ5yQNp4612TIAuAMfp/nNRyKOSQMZ6UCPN9H8B2utaNeya7plwNQuWkModyCc524wcce4rE03SfEsPw31Hwzc6W00qo0FrN54+aMngHjrivYd2QSag2jjjp0oA5PSY9UsfBMdt9g8vU4LYQrEzDBYDGc/SsmPwFaX3hGW1u9IhGoSwsG3nnef4sjvmvQfLBOSKRlx04/GgDk/h5p+t6P4fi07WViae1xGk0bZ3J2z711a8Dmg4+n403t1oDqP3Ux2pN1MbrQWOzTSx5FJ92j1pCG1GzUrHJpM+1Aw3NyaarHFG4nioy3FAErN8tIsnPNMB45oUjNAE+4N0pEc9KaDxxSK2GpgWAxpVaog1LupjROrVJ5mBVdW4p6tTGS9BmmE803zM8Um7HNAyXcBxTWb0qPdzmjdxQNDGbOc1CeTmnt8wqNvl4oGMbpUEhx0qVu9QstAELc9aKWRcUUFI9P/ipW5oornMgZtvSgOfpRRQA9WY8Zpw496KKYD1+9mrH3lB96KKAEYAcU0qNn40UUwIdx3YqQsdtFFMBYj1H40jMd1FFAEiCnMuaKKCRgYrIoHenzcSbfbNFFADdo8vPvVWT7xFFFAEf3qXpRRTAQio5F7UUUgGLT+9FFAAOKduNFFADWYmlh+bP0oooAGPf3prHc2DRRQBGe9NjYseaKKAJuhqCRqKKAGBs0bttFFAiSPkn6UjDPFFFMkAvamr8jcUUUgH9aGXbRRQAm47aYXNFFAxCxNPDHbRRTGLSMu6iikMdTVODiiimAuM1FIxWiimIAflxSM22iigQbi1OVc45PWiigYN96m7jRRQAu4txSq2SRgUUUAJIoC571Du5NFFAEZY7sUq0UUDEkO1cj1pFO6iigQxjzSMu5OaKKBFdh2puKKKAEqOTjFFFMBn3qb0oopgN96X71FFIob1JpO+KKKQEcy7eajWiigBpPNM68UUUAKaTGGoooAcGPSkLGiigB+6l3UUUxok+6maFY0UVQxwPNDUUUAJmm7jk0UUFISo2OaKKBkTcZqP71FFAEM3FFFFAz/9k=)

**Синтетический способ**

В синтезе как пенициллина G, так и пенициллина V карбоксильная группа в структуре защищена диметилдихлорсиланом. Затем с помощью пентахлорида фосфора лактимную форму амидной группы в шестом положении переводят в хлоридную форму. В присутствии бутанола или трет-бутанола получают трет-бутоксиазометин. В результате ее гидролиза одной молекулой воды получают 6-аминопеницилановую кислоту и фенилуксусную кислоту или феноксиуксусную кислоту. 6-аминопеницилановая кислота, полученная этим методом, не так чиста, как 6-аминопеницилановая кислота, полученная методом биосинтеза. В биосинтетическом пути продукт очень чистый, и этот метод экономически выгоден.

![Diagram, schematic

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4SHyRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjA3OjM5AAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAMwMAAAkpIAAgAAAAMwMAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NTowNAAyMDIzOjAyOjI2IDIzOjU1OjA0AAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAEEYAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAUQEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A9OJRQSTgDqSajW4t2YKssZJ6AMMmszclwvpRtWgBMLQdp70AAUdRzRtXOaAFwPXpUcjRxpuYkAnHAzk0ARQ3MFw5SKXcwHIwRjnHf3qXaMjJoAQp700oaAGMDyQe1MIbtQAmDzmoJ5lt4zI4YjcFwoySSQB+poAcjCVNwVh7MpBpCo9KAG7AOw/CkxgUDExTSKAGsKhJPcUAKOabtFACFRmm7RQMaVFMx70wOknaN76G3k4X/WAEcOw6D8MZ+u2pLiCDyJTISEK5ZixOMc5HuOtBJBDeSG2Mj2szbFbLqFw+3PIGc4OOPqKi/tXbdxwPDGwfb88UhcYKuf7v+x+OaQA2rIImlEO6MByCG5ITOeMcE44Hf2ps2sQ24n8yB90O4so5PAc5Hsdh5/wNAFw3cCEKyygk4GIXOT9QKR7uFSq+XMzucKvlMNx+pAH60AR/6Yly0rRb4Sn+rDDIPt6/p9TwBA1/Z3E7RyTJHCh24dijM+e3QjHT659OQQwx6WrecN67WLb8MQSrEnkg989P5VqbAaAK12sx8sxMQFYlwOpG1gAPxwfwqpcf2j9pXy/9WB8wULg/d6Z/4H+lAEX2m/UNNJbkDcMRgcbcDnPXI+Y9O35tF3fmZUNthGdv3nlkhVGMcdz2/WmBZtrgzmRXjKvGxB47ZOD+Qz+NQXwbyRkf8t4sf99rSGS3E0dsgZyeThQOpPXgfQE/hVa31K0uyBDLuJOB8pAz1xn14P5UAWiKguZGigLquSCB06AkAn8Bz+FAEdrMZ1kJA+VyoK9COOf1qY0DGGo+h+YUANLpnG5c+maGztOMZ7ZoAggleQyrIiq0b7flbIPAPp71IaYCGmEUgOmvLRbpE5AaNwyk57H2/wA5APai4tXuofKkKhCwJxnPBz/n060xFlEVECqAFUYAAwAKR40kQoyqysMFSMgigAWNVUKqgADAAHSgqD1ANICld3AS7toUikkk3FiEA4G0juR6j/JGWXlz5U9oXtpMl8D5h8pJCcgZ4+Y/iKYFk3LDrazj8FP8jVO2vkjtJ3aGcbHmfBjIHDMevSgRLDbW1zC/7llQswKkkdTk8e55qeC3S2hMaZ27mbn1JJP6mgDPvXS8EYVJBsbcRJaSHPsDjj681DJYo94LxppgQqqVaNlVwOu717H2xSAbb6la28kkM1/bFQ2UzKAeSeOT9P8APXQjnhnTdHKjj1VgaBg7RxozuyqoGSxOAKp6jg2yEf8APeH/ANGLQBHPKIdShMgOyRdiNnhWJ5z9flA//XRqMsUNr+8YqzMAm3ru6jA74xnHtTAj8+8WNTJaqrEgHY+8L69hVOXUfMjngngZMrs3Z45LKSTjgALnJ9aQEzagsSoXifDHG5eV9sHuPf3FTfaotwX94CQSAY2GQOvb3H50ARG6iaUJHukYH5go+79fSq633l24N4pik56jhuuAPfjp1oAhuLO3lhMlzKYTIxYjcMAlNuM/T+VW4GRkO2USDOchs4zz/I0ARwD9/df9dB/6AtTUxjTTSKQHW4alAbPtQIfRQAtQ3ULT2ssUchjd0IVx/CfWgBtvbmFWDHcSxI/2RngD2qfAoEGKyBdzQRKPsTsJMOUAOcu3zL9Rkk/T8ncCMazsaNfsZXftJIbAUlo1OeOoL8/7v5bFADSKaaQEJ6/d4qNoo2+9GpB9VoAp3OkWN3FJHLZwlHUq2EAOD7jmqj6dZ6XpkdvZRCKIXEJChif+Wi+poA0J4Y5kCuOh3Ag8g+oqt9iHmI8lxNIqHcEbbjP4DP60xljgjimMqkgkAkdM9qAGsox0rOlnzq8aRxvIY4XDbccZK46kf3T/AJBpANF6gvZo2ilDIBnapbIwDxgdfm5/+vVfULmGS2UeXNzPDkPA4/5aL6imA+ZLT7REijypSdylFAJ6j8epp1tp4tCfKkYqRyGPfCgH8l/WkAsH/Hxc/wC+P/QRU9MY0000gOv2n1o2nsaBBjHelxx1oEJj3oA54NABtPrS4I70AIAaMUANw2c5pDuoATB70w5z0oAaScHA5phJ9KAGluOAaz9TB+x7hG7bZonIRSxwJFJ4HPQGgCe3ljni3qHA6fPGyH8iAakMYNAxuymGP5t2aAIriIyxMgIBPqOD7H2qOCEwxbCdxyTn8en0HSgBxAzVLUcGGNChIMqnO7AUqdwJPplQPxoAqNfxGSNntvnIGCDyOR8v+9z09quPcogyyy/d3YEbH27Dr7UAUjewwXFyXD48xVJ2kAZX1PGOKla/gVS5J2A4L9ucY/mKYD1mjkYqrgsACRnnH+Qfyp9AzrwtLtAOc0iRNoo2j1oAMe9JtHrQAbfesqXXLa3M3nZQRg4OfvEMygD67DQBPPqUVuSj8yLG0rqhztQd/fpwKu7cd6AEwcfepuCD1oAad1ITQBE2S2QcD0pmGPU0AOzgU0kZoAYwFJQA0ntTfxoGJUcnSgBuM9aZtzQAwjtTXUlSFwGxwSM0AUfsMrMxleKQs4JHl4GAMdDn+lTG1gx/qk9elAESWcEU3momHxjOfr/ifzqamM7HbWVOupBIY4UyzyjzZSw2qoOTgdeRx/nNBINDqjSKoeNUWLG7PJk45PsMHj3H4PsmlimMF5cxNOUVlQON2MYJx16g80gLsjJHGzuQqqMknsBWbJp736iaW4urd2OQsUpXavYEA4z6++e2KAJEUaaUSSd2gcY3zOSVf3JPQj8AR70+a6slQSOyuo+bKrvxjvxn1FAiGUWjoJYUQMJEUsEwTg5x054Jq2Z4htzKg3Alct1A60APpkkiRIXkcKo6ljgCgCnFqCSXUsDFVZCAvzZ39f8AA8dajug125jibiPh89CSD3HcZB/H8kBV0+C+soo4ZZPP4G6RmyeFA/mCav7nzyKYEbziMZcqoPdjj3ppuV3bQQWIyBnqKADzSR0xQWoGJvpNw9aADdz1pDzQMpLf20kywiT52UMoKkZBBIP6GrHbg0ANx3NIaAGnNM7UAMPWmUDOzIBGCMg9qgNlanrbQf8Afsf4UEkZsbP/AJ9YP+/a/wCFU5tA0me+jvZbGF5ol2pkfKO/3emffFAjRJDDB5rNtllsGlhEMskO7dGVwcD3JbP+Sc88ADoYpJtQe6mDKigCJGPfHJxnHc89889BVie2hnPzqc7Sh2sRkHGRx9KAIE063jmR4xs8vJUDHBPGfy4/E06WwtZODEF5zleDn1yOc/4mgCC6FpDdWoZYELu2QVA3fKajYW51WBlaPCRt8g/vEjawH/AXGff3pAXpFSVNjqrqeoYZFZelwJDpkD+dKNyhmLyE5Y8k8+pNAEIs7kSRzRzBlRVyqNw+Awzz3OR3+vrWkpbYpcDdjnHTNMCjeQz3StE0UYi5wRLyQQR02n1qqtnLDKkjB5SrbgFfPZgPvezHpj8KAI5tYu49Qjt/7FvGjZcmVShCnPfnH659qtX1xPDGGgi8xucjaT2Pp70AQQ6jNLI+21dkGdmMZbGMjOcd/Xn8DTk1CR3df7PuhsOGJMfoD2b3oGNnNzqFm4gBgz9ws5DZB77eg49c/SnS3ksTRwPE6yMcl44zIu0dSMDryBz698UAQz/2egDNC6qQqFgpXbuJVQQe3zHtxV6BopYEaI5UqCPXGMj9KAHEVnyvdSljaeTtVtv7wn5sdTx78fgaBj42lEnlXGzeV3ApnBHfr6H+YqQj3oAaRz1pp+tAHYeYN2KbvHfigQ3cCuai80Y5FIQm/il30AAfNNEgNABvFRXUssduzwx73BHHsSMn3wMnHfFAFO3gSd/tlzAVnyyhWORgEqGAPTK847ZPqczS2VrLKsjxKSowOOMc5GO4OTx9PSgCI2WnQoz/AGS2RVBJPlqMCqMQsobJLZ5FieNV3HBXGPm74/u/pQBZs5LaGKO1juFZkAUAn5u/b/gLfkasnigBpPvTScmgBmKaaYEbyBPvHnt71QtJryQyy/Zo0ikbcpaQ7gNoHQDHb1/xoAns5LjySHtwpVsYB68DkZ7ZzSSXEy30WLOZv3b/AHWT1X1YUDFikS6vZI5LVPkAIZsEnDcdux5q2kKRZ2LtBxwOnHFAEcaSqp811dtxwQMcZ4FUoy9pcSxylzCcNGcE49uBxj/PWgZH5Zv7pyzuLePGzYWQlsc8jB7/AE6elEumI5OHPVSC+XYbTngk5oAgj06Uffn4UIiDHQL+WM9COeO9M/s64Uri8kOP1+7x39D/AN9GgDvSFPf9ab5a4+nfNBIjYK44496i2pn7w/OkAeWvQnP407YCeuePWgBpRehPI96Ty1Hc9cUAOMWO9J5Z2kZ6+1ADDEdu3cefamhSuBnNAEUsXmo0bBWRgQQe4PaqcukwSqQ4ZieuXJ7EZ+uCef8ACgCJNJjiuRdDmbu3r97/AOLb9KuMGx0oAY6sFz1OKZ8wxkZoARnYEfLwaQycZ2mgCndW0VxLHK5YMgKjaexKk/qoqyJBtJHY0wHBxiqc0tz9rzHGNgVQrAZPJ+f8gFI9f5AyIX2pA4Nsv31HQn5cr83Xry3HbFaUExe3jaQBXKAsOmDjmgBS49aTcuD7UAMLLTcg0DGHFNNAHT9xS/wN/ntQySNurfSmHv8AjSAQ9B+NSR/6w/7ooERv9/8AH/CnHt/vUAEvU/7tNj+8PrQMRv8AWP8AX+lRN98fj/OkBIfu/hSLTAhfpSH7poAb2qOgBjdKb6UAM/ho7fjQA00i/eoAcehpP8KYxO5ph6mgBknX8qaOtAxH6n60dj9aAP/Z/+Ex5Gh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRvclRvb2w+V2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NDwveG1wOkNyZWF0b3JUb29sPjx4bXA6Q3JlYXRlRGF0ZT4yMDIzLTAyLTI2VDIzOjU1OjA0PC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICA8P3hwYWNrZXQgZW5kPSd3Jz8+/9sAQwADAgIDAgIDAwMDBAMDBAUIBQUEBAUKBwcGCAwKDAwLCgsLDQ4SEA0OEQ4LCxAWEBETFBUVFQwPFxgWFBgSFBUU/9sAQwEDBAQFBAUJBQUJFA0LDRQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQU/8AAEQgBGgN5AwEiAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A+zlwnb/69Af5yT+FWFh+brgfSnbAvoa5D1SuzBuKi8st92rixhmORTzGoHHFAFZYTjk0yMbM8Va6dTTdoK1IEG3q2M1EeO1XcDGM0oQY4GKAKm08cVEWOCSMVollJ6Uzy1A6ZoApLz0B96PvckcelXlAXpimsq4AI5oArbflJA/CmRxnvxV5YwcYH1oeMc4FAGdJGd/Xj6VJGpLdO1WxGAOTj8KcoBagChHGI81Lwepz+FWGjC03buxxQBBIBtFRNIqgir3lDHIqKW1Rz93rQBXjPy5J4PSmk7XBq19mCLjHFN8kZ5GaAK44Ykmp1b04p4tx61Ksa46UAVJJmGcc1EZDgHHJq95IyeKYbXJ60wKyF3Vs9ulThcxj1qTycUbaYDFk2qMimynepwKsCMMv0pnkHPXAp3QDI2DLzwar3ikx525Gat+T6UjWzEYLZHpilcCvG22NfSlkk3IQKtfZhtxjioTbNu46UAV412qxPWnl9q+tOkgZhxxTVt3PUUAAmz/DSNL04pwgK5560x4SvTmgBrSFsY4pjPyBUgjI6ioWjbd0zQA6M7mHYUTA9jS28ZbIIxU0kZC461IFeFjg5Oac79KVYWprRtuAoAjaYKpyKbG2cn1p0kYIwaao28UWAVm28UxWO7k01vlbJPFIzEHgcUWAsN2qGSQKuTxT1Y7c4qvdcpRYCWNgy5HNJI44FQ27bIySKY0gZs9PaiwE+75ajpoYscAfjTd1AEm6ms3HXFQtN82MVIFDLyeaYDtx2gZprcVArFZCDz6VZX5qQEX3jyKr3HysMCrTYVutVrnhQetMBy9B2pfb1pR0HHajHIoKQwwjb1phhB7dKsfdpvXNAmVWjGTgUzyQF9DVryxzTGjz0pCK7W6u249R0qJrUbic9au+UQvJqPbQBTaxBA+bH4VF/Z7pny375xitLbkcVG77frQBmSae2zk/N7VJDGykZ4q+nzZ70wpzmgoYwznAqusZVuRVnac8UfxYNFhjVXigL705l200t2oAay9cc0zb6in85pW5xQBF5ee9N2YPWpcUgHU0BZDCvSkbA7ZqRm7YqNl96pIBu0YJxSBQ3anhflxmgLjvSaArND83HNRmPB54q0eKay7utICvsppUZFSSSCPqfpVdpMt6CgCUxjr1pjIvHGKXzR0prsOMGgBPLWhoxSqad+NAETwge9RlPwqyxHFN2H0oAq7MH1p3l59qlK0v3R0qgK7Rscc0FWxU685PSkamUin87N6UHfmrO05pCvPWgRAd4pNzdxVgjNNZfxqQsV97dhijd1yKmCe1G3H/AOqmMrFtx+7im/aCrYIwO4z1HcVZ25qFoxkmmMiabd3x3/H2pnndQTu/3qn2K2QRUTW43GgBN4PU7v8Ae5prMnAJwvoPqKcYxTDEKAFDJycDrnjjnGKbti9P/HU/+Jo8sCk8upaA998wLTDJhzUbbiwwKk2E8kE8dvyqjEPOBHpTmkHTNcT8RvGsnhCPStP0yw/tjxFrE/kWOniURh8ZLyFjwEUDqfWsGbXvivDIhfwZoKZXGf7ZBBx9EqbMD1Fm445P0pIm+X8cdK8pfxH8VmY58L+GgAM86z0/8cqWLWPi6IpHh8IeHrjy87o4dWy5IGdo+TGfxosB6jk7v/rGpQwVTXN+BfGFr8QvC1lrNknkM4MVxaO3z286kh42HqCPxrocMVwvIPr1pWAYclhzinyEhRzTPLMbgY5qRlLDGKLAPjIIBxUckbbt2fpQoKdKRmc4osBLGxC5xUTSEscGn+YyL0zTWXbzQAbj5ZPWmLMfl70vIjIpiKcdKALG8YzTBMu7g4qIqVznpTF27WODQBYN0nAJp0cynIFUAEkiwPvZqWNTG5JBPFAFvzl9cmmsy5FUP3iy5HTuKm2nljxRYC5tyuc4qKR2TBUfWnRbmX1FLIyqpUnBosAsTF1yRSSMVYDGKjTcuMciieQ7fU0WAlDDHJpdgPOarb/3fPWiORuRnIoAneQL0NOjbcoJqHYCpJ5PoBS8qo4wP1oJJtwB7VG0h3elQ/My5IKnNNYnj2oAubsLkk/gKq6lqEGmWUt3dzx29rCN0ksjYUfj0qTc3lnHUjH45FeLfGK4l1j4ufCnwzfMreHdQuLm5uLZztWeWJPkRj3G4g4756GgD0XTviP4W1WRUtddsppGOBGsy7j24Geef5cZrSsfEmk6szrY6la3Wxd7GKdCAuPvdeB9fQ1l654V0/xKuk/a7WOKayu4by1kjhVXiaNgRsGOAR1HI56V4x8FdSm0TXviXFZeFbvV7aTxXdo8lnFCVC5A8o7mHy+2MDJ4oFqfQlnqFrqClrW4huR6xuGH6VZ9cCvAP2YbzTNF+GXiDVZIItOC69fGWRkXcEDqEQ7ATwWKgdOTjrXs/hzxhpfi6we70m5a4hilaCRZI2jkjkU/MrI2GU9Oo70FI1Qh3c0pXYeB1qPzzux3pGkPrQMlUjJ70MnvVJpWQkgZq3E5kUZ4oAT7tMYc5qV1285poBbgAsewFUgI9inPFNMAbBAqU49c56Y7/nQpI7YPvQBVa2B6imND6dKtt0yelNGMHigCvt4xUbqu0g81Zbn2qKRO9ADEhVV6YqlNATJkHirwJ4prR984oAqxrsyW4pnkk8jpVpowcZ5oA24A6Uhme1u+48U/y2jUbqusopu0NwRxSsBneWWlDZ4qwIyDnd+lTGMKeBTWPTiiwhpQdaq3WNqgDvVwruHXFVLmP7p3UAO/hzjoM4HWuL8bfFKz8F+IrLRn0nVdUvbm1a7C6bbedtjV9pJwfpXag7Npzj19x6V5vqTFf2itCKBQT4Vueg4/4+ox0phqQ/8ADQHhyHAvrLW9Ob+7caVOMZGRkha7Pwj4x0vxppbX+lTNPAshiffE0bKwAJGGA9a1kklaPaZHC42gbj0xTlUfNgAbjuO0AZOACf0FIA+92prZWnrgUj4YUAMaQsvSoGBNWOMUwimBGuVpJFDY4pzfSigBuwKOKZu7YqRl75phXpTAbnnpTcfNmnfxGnDFBQxl71EV71Yf5l4qFs9CMVLGM6Uv3valooAMUynk4pNtUBGy+9Jtp5GaTGAaYDOlJTsZJpCMUMCMjNI3yin7fejaCDk1AGfcp5hU+mahkXKgdK0XhFV/LBfBoApqcYB5p0hGARVma3Rse1Qm2PbigBitnFSKw3AGmrCVIzSsnNAE2z249aMn8KWNsAA80uAxPOKpARcelNbninHimlaYCKvBFDLSg4zSM3SgoD0qNeM0/d1ptAxGpo+btTjikxigBB3oak9aRs0gGNmk21Juz2pnc0wI8YOaGwacy574prLt75oERGm09l96ZjBoACuaTbTm+Wm7qBnv7KOOKr319b6bZ3F5cSrb21tE00szHARQOWPsKt7Q3BIH1ryr4pSN488UaT8OLOSSO3mUX+vzRniK0XlIiexkYY+gPHNBiHwls7jxlrGo/EnVIXT7cn2LQ7aTI8iwU/fA/vOQTnHTFdP4w+E/hfx5fW13rVncT3EEXlKbe8lgXbkn7qMBnJNdXHHFFHHHCgjgjUJFGAAEUDAAA6AYp/8AOmB5i37N/wAPt2f7Iu8/9hO459vv11nhPwPongOxktNEtHtbWSTznjad5TuxjILkkfhXQNScc5Gc8H6UgPJNVZPhL8WItUI8rwn4ymFve7ABHaamB+7kx/CHB249VHPNeteXtY5XY+eQeoPcVheNPCNj478L6l4f1AH7PexbN68GN+qSj0ZSAQfb3rnvhJ40vNc0u80HxBIE8W+HZPsGoI5C+aFH7qYc8iRMN9d1IDvWUMwJ607aKXy254zt/XimzSR28MkkrqixgksTheBnr/npQAjKu7A69aXYvGehGc1wPh3x9rPxAs31TwvosN1oPntBBfX1yYPtxXIYwjY2V3AqGJGSDwMVgat8ctR0ldCjl8ISQXOrarJo62s16qPBMjY+b5DlSOQRQB63sDLS+XXEeNPiRe+DvEnhbR10FtQl8Qzm0t5EuhGqTKAWVsqeMHg98HgV3YXe23a24dR75xj8/wBBSAiePK80KoVRxmuNk+Jn27xFqeh+HdGufEN3ph2X00MqRW8D/wDPMyMeX65UDjFQN8YNK0uz8RSeILS78Oy6G0S3MN4qsXMgYoI9hO4krgdM0gO62ggkDmoXiLKcAAmuJvPin/YEFve+IfDuqaDo1zIsSaldeUyRs33PNVXLRhuOSMDPWrPjX4qaP8PNV0m312K5s9P1OYQQavtDWquRkK7ZyCRtPTHPU0AdZb2pj5IGal2evNc/4u8aQeD/AOzDc2V9cxahcJaxTWkPmIJHxsBOeN3OPpVX/hZWmDx1/wAIe9pqseveQLvyHsW2iEnAkLAnA9frTA6lo1Pak8kMvTiuYtfiTo9543u/CKx6gmt2qebJG9m4QRno+7+6exrq4+GKkY5xz/n3qgBV24AHFMa1DHLVOvPIIGKWQ/LzkfWgCFYwvApGhVutSDB6HOaG+Uj647UgIfsyjPemtbqE4FTj5to7t2HrXEeL/i5onhW7Ol26TeIfEBOE0fSR50xP+1jhB7sQPrSJGfFDx03w90fTJIYoZLvVNQi02B7uTy7eJ5AxDSt2UbTU3hnXPEC+Kp9D1zT9PNv/AGeb621LT5GaK4w6qU2kAqw3Z6nj68Vvipqmgp4f0vTfGGlZ0bXJvst1HcEFrRvKMgbjPIPy7gQBnOe1eZ/Dy+1vwP461rQvB2oXPxA8LwaT/aFvbyTLK9pOJVHkLPyCWUNxn+HoMcqwH0IYRz0GDg/ln+RFMa3De9cv4K+KGg+OJWs7SSWx1iH5Z9J1BDFdRsM5+Q8sOOorrSPlJIIXu1FgK0kaxqzM/loq5ZieAMjn8M1w9zpPhv45+Eba6innNvb3bvYalAPKmt5422+ZGSORkH2NYvxCv7n4oeKJfh5od0bbSbULJ4l1WJiPLiPItUYfxuM554xXp2m6ba6Pp9rp9lAtrZ2kSwRW69I1UYCj8MH6k0WA5O1+H2qSyRDVfFd1q0NuyyQxC1jtwzqMK0pT5pCPqAao+BfhbefD+48RTQa4t6+s3j6izT2u0Q3DAAnhuV4Hy8dOtejfdAPQUjYyMjn3YDHv1qgPKvAfgmX4M+F9VW+1mPU7GS9kvjNDauHjeVwSNoLZUNtI4OOal+D+n3djH4saSWW90+71Q3lnqE0JhkuvMjTzGZOBwwxnAzXp8e4MdpKkj7vO7/8AV+NI33gGVh/vHn6c1LAp/ZNvO4575pfs7fnVk96XaSOtAyj5JDEYyKnWMqoNT7O1IeMjrRYZAzda4T41eLtU8BfD+717SorSZ7aWJJftRb5Edwm5QByQWHpXecM3SvMP2lW3fBzW7SJJZrq6ltUhhhRmLFZ0c9BwAFJ/CqJOp8b+Km8Hm11W4ijl8P8AnJDeNg+bbeYwVJeeqKxw3TAOeeldDJneFQl+wbs3oR9eK87+PGoWt98DfGEqH7TDdaaRD1zI7suwDnht3AH+R2Oj2eoW/g+zguXZ9Uj0lEaQfeM4twPz3ZH+8tAtTjdc+Ln9n+HfEXiSw0ltW8PaEZEuLpZxGZ2jwJDCCMMqk43EjkEdqf4g+LSeFfhvbeMdR0O+WwlSOWSCGSJ5YY5NvlsRuHXcOleYaPJHB+xLqCuV8x9DvI52bGDOZ5N454/+vuqr8VNH1aP9lxrp/Ec1zZS6TYP9kks49pXdCAquO4x+nagNT6N0y8fUrO3uGtprUzKG8mZfnTIyN2OBWB4k+ImieG9Ui0u6uJJdTkj837HaQtNKiEAhnVQdo571h+JPGur+FdW8KRJbaXcadqNzbWZt5ZHF1IXUsXQcAheCRn8q5v4I+dF8UvjENRyutHWVIJyH+y7X8rac58vHoaYzvtL+I3hzVp1gttTQzeYkLrJG8flSvnaj7gCpO0ge+PWulkddvH/Ad3H5+lcr4w8H6ZqWn+LJDEq3+pacPtEkb5YmJXMMuezAsTu/2R6VxXhf44BfhZ4Z8Qatpmo6hJNpSXepXljb744EVmiaVzkcEox47KxosB6ld6ha2LxrcXMMDSHbGs0qoXPoMnmpPOj8uOTzFCyNtUscZPIx6ZyD+VeIfE6G40Hxv/wmtxoY8Z+E7zTIrS5hhiE02njlvOjjOcq6kZIAPA5Hd9v4g8L6D8N/BMthZnxD4cvNfijtZ4pthspJZ3KFgWySm9l2nPTrzRZjue3l1wOQWIztByf07e9MVtwyBxnAPJB/L8PzrxT4YRyfGa68U+JNcub5bSLVptM0/TbS7kt4oI4WALnYV3MxJ65xgcc1f8eaVr/gn4P/ABAuIfEd80lqj32m3wkBuIYVjjHlMQvZgc55waB3PXT9OozTcVT0m8WfS9O3ShppLaOTEjje+VBJx1PftzirYY7umMdj1pANkG3vVO6kAOOvNX5FBGaw9X3LIu3g0gL0brKPp/jXn+qKo/aI0HB5/wCEVvP0uYzXdaZDtgG45Y8n8xXC62u39ojw6R/F4Wvh/wCTMdID0DbgYxSHNSxj5eef/wBZpxX2oArc0vbmnswwT6cmmMu4cdvSgBpXdgg0hAx1pN23jI/OlfvgHgZ+6aCRu2m45qYDcvXGDio9vJ5qkMb29KYGG7FS7fxprKOCBQMjdcc0dFz1pWywNLH93p0oAaOenBqORs9wccn6U6aPOcE59BXlfjLxJe+IPi9pvgOx1CfS7CLTn1bUbizIWaRQ21IVfGVDdSR/eHpyij08/LjJxk9+P50DoM8HHI9K8z8beFPEGg6W174b8SatFZW8Fy9xDPMs8ikW7tG6uy7sBsDac9etdN8L9Uutc+G3hbUb6d7q8vNMgnmnl+/I7IMk/j/OmB0xXpzS+9H4UhPFAxtI3pT16UzFACbfekYU4nFNNADdtNapP4TniopGC8ZqWA2Q4561XPOTnFLJI20har7W6lqALSgbRnmndR9KhjkG0A1KrcHFMBki8U1U+XBqU/d54pueMUhkRXaR3pG471IV4qPpVrYLADmj0FI2T2pGHHAJPXjjFAhCPlHbIz0JprL0Hf3B/wAK53xJpvim61ATaFq+l29kIwPs99aySHf3IZGH6isFofifCpAPhe8Pb5p4iR+IPOKQHoPl4XrzTNua5v4deKZfGXg7TtYnt0tp7hW3xxtuUFXZeDgccGumqhoYy0jU4tTWpFDV70MaRuOaB81IQLimvilYU2gBCAKa/anntTG7UCGMvvSN9MVJx6UxhuoER7fembalplBR9ADO4Edc9Ox9q8i0VZfh/wDG7xLp13GksXjJP7U0y8lO3dLGMPaFucAEbgPQNxXsBH+fT3+tcd8VvAcvj7wn9n0+T7L4gsJ11DSbzPMN0g+XJ7KwAU/XPtTMiL4V+PJPHmi3n26zXS9f0u6ey1Ox6eTIMlW+jLgj8RXZemRjIzXz1b+OEs5PDnxbt7drWwvduieMrGMEeTIr7BKy+sb55/ula+hU+fBEiyqeRIpyGH94eoPPNAARmk29cdf/AK4H9fyBp+3rXMfEjxxD8PPCNzq8iGe53CGztVI3XFw+RHGPcn29aLAY158QpJPiU2g6aIG0/SbN7/Xb+cHFqpB8qNefvk/Nj0WuJ8J/D/S/jbrWreP9dtri30u9C2OjW9pcvbSS2sW4CeQpgsXZiQT2ArL/AOERvpLew+Gcdxv8Qa+7a14w1SMcxRljuTdnjJHlqM/dBPfFfQ1rY22nWsFnaQLbWdrGsEFun3YkVQAo9gBSA88/4Z58EgAJDrMZHIK61c5zj3etC4+F9tpHw78T+H/Dj3gudTsp44TeXkk585oyEALE4O7HT1ruKPw+vJ5HpxQgPIv2f/FWj2/wn0bRry7h0nVdGiayv7C8kEUkTh2YsysR8rA53Y+lc18c9UtPFWvfCY6feT2sc/iZit1FGqsqrHjzUBByuTw3TmvcdQ8NaPrF4t3qGj6df3ajC3FzaRvIPbJHT65PvS6n4b0jWJlmvtG0++mRVRJLq1jlZEHRQWBIA5x6ZoQHifxI0V9F+M3wdM+u3+pq2qXBkW+WEJFiEZbKRrkkleSfTGK7Tx5r3i/wvq1hf6fc6dLps2p29guiPCTPcByA8gfd8jD5jjBwFJzzx2eoeFdD1W6S6vtD027u40CR3E1qjSRqOgViMgAZ6VzOseBdfvPFY1q28Uw20cKeTaWsuneb9mQ/eKMZAN56b9vTihAcJ+zHt8M2PjTwtrMzQ+JLXX7i8ukuAQ8sT4CTDuynB5APWof2intL648I6pBtu7Lw94ktH1toVEgjj52M5xzt55JwN/NeyeIfBnh3xXdR3GraFY6jcRKBHPPGTIo9N2cn6HirtrpNjY6V/ZdvY20GlYKmxSMeSVPVSvQg9/WkBwH7Q19aN8GfFUbN541K0+yWsMI8zz3kI2JHgEtk4IGT0PpXO694NTWvDvwg8KeJbT7Y0kTw3sLfMTINPcFj1wyk9+hA4r0bS/hn4U0XUo7+y0O3hu4smGRmdxA3rGrMQh/3QMdsVe1rwfo3iDVLLUb+0ae9siWtZvPkUwk56YbGeTz3pgeAw6hrvgXxR4O+GOvPLqtumvWNxoGtuuftFpGWzHIx/wCWiDGfXI6V0Orpql5+1Qz6Tc2dtKPCSl3voXdChnOQFUhs4x6ivZdW0PTtanspr20juJLG5F3aOxYNBKMgMpB9CcjofwrHj+HOgw+Ln8Trb3P9uSL5bXZvJSTHnPlkbsbenGPpiiyA8z8BR6rD+1B4wOsSWlxeDwzZBmsUaOMr5i4+VySD1rrbrwn8TFkle18c6TFCXby45dFbKrngbg/OB3roLX4baFZeMJ/FMSXg1y4URzzm9kKyRg5CbCcBR2/HrXRld2MgE45OByfWqA80Xw58XFyqeM/Dc/f97pco/Dhuv+Fcz8N9e+Lfj/wpb+ILbUfC8NvNLNEsU9pcI37uRkzweh25r3aEGNlYcMp44HoRXlP7M/8AyRfRgFAX7Ve/+lUlICeO1+MUWcXXguf6/al/pQ0nxlT7tn4Nmbt/pdwmTjjqtel8N2/SkKjuO+Ow/wAj3oEeFeH5vHXxk1TxDpGuazB4T0nQb3+zr230As011JsDECV/ujnHA79a9X8H+BdD8A2H2XQdNi08NzJMpLzSn1eQ/Mx68E456Vx/wfZ28ZfF3llDeJi3H/XFORXqO0frSCzI1UrtBOVHJBA5P/6u1NhtorWExwQx26E7isKBFJz1wOKmwKdQFjkPHHw30L4gRI2p2zQ6hCd1tq1oxiu7ZuOUkHPYcHNeU/EXx38R/g/oS6ZJFB4tfUpPsOj69EoW4+0MPkWeLnc2AcFepU5xxX0E3y4+teXfHSNPN+Gb55XxlYgleDyHoEcl8N/HWm/DfwnBpT+EPGQuWZri9vp9GkJurhuXkbkk8k49ABXTw/tFeE4Y1W6ttbsGHBE2kzgD3OFPNeq+Y7SO+4kscnnHP4f1pWkk5+dhu4ODigDh0+LGhT+AtY8X20ssum6XFNJKHieJ2Ma527WAPJKj8awfh/a+KfH3hGy8T33iW70i/wBUiF3Z2VpBEbe3jbBjVwykuMYycjrXeeMvDcPjXwjrmg3khjt9UtJbaSRQMIWXAfjnggE/SvPvh9reu+AfCml+FPEPhPVri+0qFbKC+02Dz7e7hUERyB8gKSAM7unvT6aAYN54q8faH4w+HHh7VNctoG1w3yahtsUYHyCXV0x0DqRx2z3xXQa/4u8QWPxs8NeFLTULGPSdVs7i8k82yDPF5A5XIYZ3Z644965/4jaLfeJ/ih8M7nXvDE11pVib59SjitWnhgWWMLGrMBhmHAOKg1Hwzpvhf9pDwddaRoc9lp0OmXlpdT2tnL9njmkP7pc7cDIyc0ku4j3cxsy7wmM+xAJ5/wAKVMevbIB4P4jtXl2pXN74f+NXhhDqOsCw1trqGdriQPZyt5RaGBFUZR8qWyfQjHXHqrYz1z1+nU9P8aYxhHSo2WpsUykBW24z3I5x7f5xTkkkh+dCy84Yq2MDH+exqTaOpHTH884/SuL8c+C7zxdeBn8Tah4e0y1tiVGmusUhkyWaSRmByoAHHHAPNAGrrnhmHxJc6e2pSSTafaSCf7A3+qlmUgxs/qFIBA45rZZ3MolB/eKc7v7p6/hg8/UmvE9H8ceI9F+BeiePdUuJLm40tGe/hkTCX9j9oKeaV/veWVcH3Ix3r2YFL6FGhdgkiK0cxUMVVl3BhkEZAI5xTA5q3+Hmm2Mmo2ptLe90K+nN4NMuYQ6wTN98pnjax5244OfWpdU+H/hrVdFGk3Oi2r6Urb1sQrJEG4x8oI/yK8Wb4teONJ8G+NPFUmpabq9t4Z1ufT3024sxE93DG6ruDK+A53d1xxXdt8U9R8YeKoPDvhG0t1uI9Mi1S/vdSDNFZxygGKPaOWc56AjGeposBZ8UfDe58QCx0iKLTbXw9bXVtdQXDGQ3kBjkDsq5H8QUL16MetbfiL4b6P4k1iLWG+16XrUa7F1DTZvJlaPJwjcEMB2yOK5fxp488XeBdO1+W50jTL1rHR5dSgu4J5FimMbqsikEHYwznHNeh6Hqbaromm30iLFLc2kVw6KQACyBuPzFMDk9b8Kz6D4Z1Kw8Px3V/rmrobb+0b2XcY8gr5kj8BVRXcgAck49xy/iXQr3w14R0LwNo3h/VtW8OxWKQXt1YKu940GDENzDBcgljyAG4BzXsbp83P8ACcg/h19O5pNuTk88Y+bJP50BY88bwjr8GsXGuaJqVnYDULW1jm0PUrdjDH5aYHzq2VPPIAwcD0rkrj4D31l4H0bRNMv7KaW38Qr4hvprktFHJIJN5SJQDheAMHOMe9e3D5en680h+9kEj3zzSuFjyXR/BHiH4Z67rtz4dsbXXvD2sXp1F9NM6W81rOwAkKFhhkJGcZGMVZ+IGheKfE/wn8WaabO3utY1a2e2tdOtZVxCjpty8hKhjksSceg969MaMD888f8A180xmdgec+gJJA/AnHrSCx4trHh/T77WPC0MaSaZ4rt5LO8v7qaU+ZZ20KhWjbBK5cqVVR1yT2wfZNv3ucHOSO+SOp/z2rD1T4e+Gda1b+1L7QbG51AyLIbmSEeYWXGCSMZPA/KugZufagLEJB9Kp3ll9pwfStHj0pv04oApLCI1444rzzXD/wAZDeFxjr4Yvh/5HjNemsNy4xXmuuDb+0N4WLDH/FM32PwmipDPQlHb/PWj2z+nbv8ApT0XzBkVXvLiG1t5555RBbwozyTMcKigZJJ7AAE59qVhnDfFbxXfaHpdjouggS+KfEM32LTlHIh7yTt/souefWuK8VeEx8P7OzuNR+K3iWxVz5Uck8SXCswAJwAnAye54zjnFdB8K7V/HXiHUfiRqELxC+jNjoUMg2mDTwc+Zj+9K2Wz/dwOeteosi/dKqyZyY2GV/KqEfOll44uY5P9G+N+ly542alp0aHv/trXU6ZqXxH1SzuLjR9f8J+J4rfIY28cilyF3bAwYqCce+K9SvPD+lahj7TpVjcHbtPm2sbDH0I6/wCFR6X4f0vQFkj0vTLTTYpnDSpZxCIO2MbiFxk/4mnYVjP8D+Krbxt4YsdYgH2c3A2T2x6wTL8skZ91YEc+1bm38D3rzRR/wrf4oOj/ALnw74zclR/yzt9TA+YD+75oG76ofWvTC3zHP156+mfpxQA3IXPGaTb8uaXHzZo9c8UikM29qbwuRT6Y2GpAMbDKfQ+leXePPDOp6T8TtJ8f6Lp7akY7FtM1Oxgx5rxFiyyxg9dvAK98DnmvU9orl/ide3Gm/DnxVdWk0ltdwaXcywzRHDo6xsQR+Ipgc94g8ay6x4X1iPTdE1SOP7BP59xeWckIGYmCxopGXcvtGBwOuaufBeJ7f4V+FraaKS3ubXT4beaGZCjxuqgMpB54NdN4bvJ7zw7o91LKxuZbKCSSTozMY1LE/Uk/pWjkt95iT3J5JP1/KgBu2m469qlCg9/0pHx0AoKGKvy9abinc9KUrxQMhailYdKTHrxQAyZtq1WKbmyTxUtwwwAKijyzgHgVLETJGMHioJrfdmrZ+Venyjv2pm4MOOD+lAGeY9vG39aFkMfJ6VdZPWoJl7dqAI/tAYE7sdMZz6+1VG1zT4buS1e+tluY8l4DMvmKACTlc59Pzqj421KfQPA/iHVLKMPe2dhPPBkHAdY2KnjrggHGR0rjfhz4I8P6n8LdGXULGC/n1CwSe7vLja85klTezeb1yGY/ywcUBc9J+2QszKkqyEA/cYMOBk9O3+cU5XV2YAg4bGAQT+I/z2rwrT9DsPBvxyjsfsF3f+T4Ztyr2ts0h80yENMUHOSoxkDufQVsfCm6tz40+Il20t1b2tpfRCKO7ldFgiMAeQbJD8uCSe1UK57ARtyBTdit1FZ+j+INP1+1Fzp17BfwZwJbdwy/TP5+lXvvEYNBQjLyefy6UluoNwvygjrjke3b605uKS2z9pjPuKYdDzr4Cr/xavRgT0acDPXAnk4r0D2rgPgVlPhnpq5ztmul/K4kr0CmA3bTWqSmbS1Iobt3UgGKeFODSbaQhKYy04nFG6gRFQVpTywpW7UARt8tIFznmlb5qb2oAay+9M21IOSRRs96APfqRfmIU8BiAf5/zAp+3b70m0c5HBGPegg8Z8ZW9t8KviBd65eWnneBvF6eTrcHlmSK1uwOJCo7OMg4HYHPFaq/tGfDyOFIo9XbEYCIsVlPtVQBgD5OlepqxUY68g+xI9R3pfMKtkKPrgZpgeWSftHeA4zhdTunPtYT/wDxFVdY/aG8CXWn5hS81e8gImt7X+ypSXlH3QpZPlYk8H8e1evGZ2IOSD65pWuJjz5hz78/zpgcB8I/B974f0e/1jXvn8WeIpFvdT3dIFAxFbD0CKOR6tXcbfb/AD1/rUxy2SSSSep60mKQDFWnbKeuPoaRmPAxSAQLikb2pacMdzTAiYGmhTUxx9aSiwDFU9yT9aGX2p/SlADUAQMp47UfWpiuaBGGzSAiHPSgrUgAXNJn2oAZsPHNDZFS5FGzf6D/AGj0H19B1pgMjbDAtwO2TxnGf5A15X+zOR/wpPQT0Dz3rc8dbqX86b4g+Iep+NvEcmgeCrlbHTNMlEmteKZVUw26ry0MRPDOcHdzwMVxXwNuPHsPglrDwqvhvVfD9hf3UNnfX8k8D3SmVpC64GCuXIyPSmB9EqV7HJ9sn+lUtU1zS9H8r+0NQtbEynbH9okVN544GevbiuH+2/F2NSW8P+FZzjAK6rKD74ynp/KovjppI8Q/Bm9tNas4I7qU2STrERIbdnuIlYxyFQQfm27vccUgOo07w/pHgq+8RaoLryG1zUBf3b3EqiNZTGq4UnAAwuetb1vcRXUMc0LrNDINySRsGVhnggg4Ir5v8SeKNQ8E+BfGfwy8but7fW2k3EmhavMoI1G3UcDJyBKh46knn1r2nxJquueF7fSoPDnhBtcs/IAkS2uI7ZYCAu1QjdiOeD60hXOsxjmkrzc/EbxnHxL8K9YDd1gu4JP5Gmj4qeJ1BMnwo8V49USJ/wCTUx3PSWx+FeXfHRf3vw0A4B8Y2LfXAkNWJPjNf2zYm+GnjNR322CMB+T15r8Y/jFHqlx4AJ8KeJtP+xeJrW6dbrTmUyKquCqc/M3IwPrRYk+k9o3ED1oZduPfgZzjPp0rzQ/tAeHlkJm0jxLbjrufRZ8c88YHStzwl8VNA8c6hPYaX/aAuYoTOVurGaD5QQCQWUDPP60AddtYMCNygc5Uf5/Wo9zYZc7Q2cruxk+hGevrj2rxrwn4ofTfjx8QtH1nxRMul6Ytq9hZ31zGsW6aMu6/MvzbRt9OtXfg74i1XxF46+ItndeI7jWdI0O/itrCJhCYyjxl8syrliDxnPamB6wpbblWODwfTPpj06daeXbYUJJQgqUboQe3r+tKq4XB5PcnqaUrnvQGhzUfgmxXXE1S4utQ1CWG4e7tre7ud8FrKwxujUAYwCwGScZNb+3gYGO2PT2p+38aM+1ILDMU0r71LkYPsM4HWuH8XfFrw94F1pdO1dr6ObyllLwWM0seDnHzKpBPFAHZ8cce3QnHv/n1rzP4vWXjPVmtNP0LQU1PQHVW1FTfxwTXXP8AqOei8cnuDjiiP9ozwDIW8zWJbcdD5tnOnH4oKsQ/Hb4eXUm5PFmmxjIO2Vth/wDHgKAOf+Imoa1f/AfxNb6zokOj6nqKHS7DSreVZT87IkYyowernAHAX2zXpPh3Sz4d8M6RY3Msk8thYwwTPD87NsQI5UfxcrXPHx/4C1a+tbseJNHvbi1UiBnvoz5W7qyru4b0OOOa27Xxbos/+p1rTpW7eXdoSPT+Kp1A8c+E3w50rXZ/Gf8AwlHhe6aa48QXOpWq6jBNFFLCxBjfBwrEc+o6VoSW8fwi+OPiLXdTheLwx4os7WJdQRGMVrNCoXyn2/dDcY6AYPpz7NDf285G26gkB/uyAkj0yM1JukYEKxIbO4JnB9c/pRqB5H8XfG2l+IvhN44h02YahAmj3HmXkOTCspT5YVcjDFiDwCehz2rK1Xxtruj6f4EuLS6l0nwjJplml3q1vBHcxvO20bJPmyigLjcM4J6V7VNapcW5t5LeNoMf6poQUH/AcYz749a4vxT4J/4SBmg/tSa10CZohNo1rbxpEdjhsKw5UEhcjH8NFxdTtZRsmZcYIJBJ6nnP9aQ1QmuDJcYGQ3fkHPfJ55Oc/pUoMmzOG/KmWT0q1DFNuUE8c45qdQcHgg/SgBJAKjC7eetBYBmGc/nSngD0xQA1hzmmtGOppWYcdxQWzx3/APr0DIyoxkUzbT2YdAc9xgH1I/pTe3QgjqDSv0IIyK828RcftDeESef+Kavz/wCRoq9MXHXrjtXmviD/AJOE8IjHXw7qAz/22ipgehRnG7AwMmvMPjZJNrH/AAi/g0T/AGDT/El80N/e7tuYIwHe3B7NKCQPXaRXqCdRnoa5f4meDf8AhOPCNzpsLmDUYnW7066Xrb3cZzE+ewzwfZqAN20W3t41t7dI7eG3VY1gjIxEoACjA6fLjA9CKlJ/X/E14Po/jT7Frmi+O3X7LbapjQPE1qxI+yXsbFI5XB6ANlCeOGT0r3mQL/CeDkj86BhHzkU2VR0x7HHoR/8Aqp6DbzTZFLn5eppjOX8eeEofG/he80eSU29w5Wa2uY+WhnQgxyL754+hNZ/wx8XTeMfDKNexiHXLGaSy1S1X/lncRnaxUf3TgMPqayr74iSyfETVLSGeG28J+GLJp9bvGXI+0MoKQq3GCi5LdeWUY71y/gf4WQfESPUfHHiZdS03UPEU/wBqt7Wxu3tWgtVASIOFPLkKScjvQxHtHzFgArYJx071n67r9h4Z0e51PVbpLOxt1DSSSc9TgKAOrEkYArjG+B9lb4Fl4v8AF1h/dxqfmY/76Q1g/HDSZNK0b4bfabya90fTfENkdSu7o/eVVKo8xA243DqR3oGdgvxP0qH7L9ut9S0v7ZIsVp9tsZY/tDMARs+XBHX9PWrWh/Ebw34ihvpdP1NbiKxO25by3XymzgqdwHI7jtWtrVvYXlqo1ExyWouo5o2LEASK4aMg54Oc/UHivHPhJca/b23j5NN0yyvrOTxRqKh7i9MMgyw4K7SCMYxzQSz2PRvEGmeIrP7Xpl/b6hbd5LaQOP09+Kp+MNIj8ReFta0mS5+yJfWctsZwM7N6Fc474z0z2rzX4E69D4d+A/hK4NrcXUk7SxRWtjF5s0j+dK3AHUBVJJz0H4HP/wCEmsvi58XPDukFnuPC1vocutfYZQU+0XQmMeZF64QhuD70gPY9KtY9O0mxs4phcJbW8cIk3A7wqBd3BPBx68VbH3iuMnpx/n/OK4bUPCtj4F1iLxBo1ksFvHbvaT6VFOlvExd0KyqGbYMYbOMZ3D0q1p3jqTV7qG3fQb+ATtsM0c0EqRhsjdmORiMZ4OPwoKR2LLtUHordOufyqNfmxzz35B5rxbwr4+1Twb8QtX0XWri5vfDN5qktno+p3LhniuERCYpGwMAhvlJA6Hiuy8K+Jk0rS/El/r2tn7FYavcWMcl6VRYY42AX5gBydxPPoKkDu8DbUeetc9a/EbwtqB/ceI9MkHqt0h9ff2rSt9e0y68vytRs5C4yNtwp7/WqRRe2570zA5BpEuUkVCrq2VB4Of8A9dK3zKDgj1yCP6UCIJowBmoYsuwAGT6U2+vobO1ee5uIreBF3tJLIFUD6np+OK87f4p3nii5Nn4D0ka3tbEmsXuYdPiwecMeZD1+6Me9IRe+KHja58L6n4Yso7+HRbPU5ZBNq1xCXWLCfu4+wBdiBknjbW54TvNYuItTXWjBI9vd+XbT20exZotiEPjJyck5wazPHEzXX2Ow1Tw9Jr/h26t5ft6w27TCCQeXsYKDuxkuAQMjOe3PFfD+w8X+DdL1VtI0u71Pw5BqjLp+m6oxjvDZ+X8/lh+cBycAgE7aVgPZ88HJ56VDN0Ptz/n/AD61z3hXx3pXjCz8yxnb7REALi0nXy57c8jDoTkcg80vi/xdZ+DfDt5q1/vMUK7Y4kHzTyscJHGOpZjwOPWiwFi58SaXHrlp4duW82/1CCSUWuzevkqBuaTnhSCceuKwdJ+HN54Xtjp2ieJrqx0VWby7Ga2SZrdWOSscmRheTglTj8Kb8N/C95pa3eva9tk8Va2VnvGzkW0f/LO3T0VeM9MncMV3K44GeAMAdz7VQHC2Hw4u9N8enxBHqscsB05dMW1lVt5jV94Jk3Hc2c54FV9B8J3nhPW/G2va3dafJp+sTC9mjh3DyQqhCrKeCpX+VegkleMdeME4Gfc0jSMMHcRkbMFgODwe/egDz/4Wh3n8Wzb4b21uNT+0w6jbxGJJ98a5UL0GzaBx1znvXfqgWjJZmJJJJyVPX60u4fSmUMfFEKESo3oaRmFLH/rI89mFMZ538DQB8ObNc523V2D/AOBEld+RXA/A9SvgNFzkJf3qj/wIkrv6QDKTbS0UgGbtoOKQMacO9Jnb2zQBGfpRUm3gGkPFAEZXHOaG5FBo7GgCPb700rj3qTjvScUARr1JpaKTdQB79nFG4VEJhJnFRq5JzQQWqFYc1E0u5TjimbtqrQBayKWq5facGkW6XnAzQBZoojbcuadQAm0Zzmgn8aXHoKXaewoAZSqvc80rKe/FKPSmAmAKQt+NP20m386LoBpG72pCNuO9Sbfwo2/Ke9ACKNy56UdMiljX5aGX5qRLuRMvvSEH5QBkk4qXbTo4RJKiEBlYgMG6Y96AMbVvEGl6HHHJqWpWunq4O37TKqFj6AE9aoeKtGi8eeFbjT7TWZrG3usA6hpswDbAcsFfsGHBP+1Xm/wJkHjjxB8QPFeuRrf6vHrculW8d1GJDa2sQ+WOMEEKTuJzjkLzVjwpd/8ACJftKa94T01Uh8P6hoces/Y40Hk290HCMyD7oDY6DGfwoArx/DG58VXTeGJNMk8J/DHRZfK+wqdlxrUinJJYEnyjlcnktz0r2S1tobG1itbWJLS2gHlRw267Y0AHAUdgBiptg4HJxxnPP0/rT9ueSPy4oAh+pznIPHYgj+tc/wCPvCkvjbw+dJi1BdOSSeKZ5Gg83PlurqoG5cfMoz7V03lg9sUnk46c0AcN8UvhbpvxX8JNpGsFftaHzbe/ijw0M2ACwXP3Tzlc+nPHPaqv7tMZ3AAZPPQYp7R4xxSjI6UwGbeckZpu3GOB+VTEHvSbaYEQ3ZB3t19q8x+Oi+bdfDPe7H/isbLGe3yycj0r1Fl4Jx93k/SuS+IXg+48WyeE2gmhg/sfX7XVJjMSAYkDhgCBjPzDHrzQB2Ek77mAdgM8DccAegppkaXCSMXTPIbofbjH5U37zY/j4GDxzjp7fjTTgru4xnqe3vx/QGkt7geReD/COpn40+Odd1nwuyaTq8NrHZ3F9DDKFMKMrEg52ggjHr07UfBnQNQ0H4gfEq4utBu9I07Wr+G7095YURGiSMoeFOFOcHH+0K9dxubBHtgDjPv6j/PFI25h8wyN3OTwT6kZz+lN7iE7A4xnnHeilXDDIzjr68etJ+o7HB5/OgYm2msOlP8A8kUjLuxQMbt/H27GmbpNoTe20DG0McflUu2kwKQiGRUkHzxo3+8oNUpND0u4yZtMsZz/ANNLWNv5rV9vm7U2gDnb74e+FL5iZ/C+jSE920+E/wDstY0nwT+H9wzGXwdpBJ7rbhP5YrvWXcB2qPy/egDzuT9nv4eOSV8MwwN/et7iaM/o9VJP2d/B6jNt/bVm4P3rbWJ0/TdXp7fLTM57UgPKrz4D6cqk2XizxfZMP+osZFH4MtUx8G9XhjC2nxM8TRjOdsywygfmtevuo4qBlUZzg0aAeUN8N/HVu4+y/Eu4lPpd6RC36g05vDPxUs9wtvGWgXoxwLnSXQn/AL5evVNqtyBjPoTTW69vyzQB5VBa/GOxiOW8IX3XAbzoifpwakGvfFq1jRZvBugXv9422rbCfwZK9ObKqSoyfrioVxIc0BY82bx18QYWXz/hhdui9fsepQy5pn/C3NYgz9s+GfiyAZ+Yx26SqP8Avlq9QI7A8/Qf4UrH3waBnlLfHzRrRv8ATdB8TWCd2m0iU4/IUL+0V4Ibl9VuLLt/pVlNER9dyf54r0+S4mWNgJnVO/zkf1rPZjcM3mr9oHpIofPI7H/PFAmz5M+If7XmqeBfiPONIuNK8X+FLlEnhhBaKa34w0ZYZw2Qeo59q9I+H/7YvgLxwI7e7upfDGoyYUW2rbVj3HjAlBIPPrWb8WP2Ub74ufES51i98SWWlaOqiG1t7G0/eqgGWY8qNzEnnnp7c3vCv7FHw40Hy3vor/xFIvU3k/lxsfXYgH86dkRrc9ztbiK6t4p7eVJoZkDpIhyGGSMj2yDXn/iBh/w0N4Qxzjw9qX/o2Ku50Tw/pvhfSbbTNIsodP0+2XbFbQLhUBOT+prhPEvH7QHgjAwW0HUwf+/kR/pSLPQucLxjimtnqACewPc+n0qVV28E5/zineXjOehpgeKfEDw3Z6H42uP7QTPhLxzENN1D0g1ALiKUn+EuuRu/vop56V3Pw5tdb03wfY2PiMqdUtN1r5wcEXEaHbHMfRmULkeoNavjbwfZeOPC+o6HeM0UN3FtWdesMg5jkH+0rYIPsfWuKh0X4q6XCBHq/hfUvLAjDTQywu4AwGbDfePUn1oA9IU7sDP5c1zXxE8SXvhLwdqWpabZy6jqaqIrO1jjL753YLGWHZQxBJ7YrAbUfivDy/h3wxqAUdYNUdGP4MtQv4z+ItrG2/4ciSbaxj+z6vCylwDjOcHFJbjOBs/Ba6hdaR8MPPN/bW7DXPGl+GP+kyu28Qk46yOR/wAAUcV9BLGFC/LjACkehHBrj/hZ4HufCPh2V9VdbrxDqs7ahqlx1DTPyEHP3Y1wqjPGK7RV257im9xjGwVxjH15qtqGn2mqWFzZXttFd2dzGYpreZdySKecEfUA+vHWre3NNZcUAclpfwz8P6PdpNBDdt5f+pjuL2WaOHjqiuzAHPcg4wKh0H4a6d4Ts9VttIvtTtU1KSS4mZp1kImf/WSLlOC2B+Qrrv4ulIuWYjH60D0POE8P3vwj+Hcek+F4dS8QypL5VqhRS8Ctkl2wQGVTz2z0rN0v4ZxXmm+H9X0L7V4V1zSvNhin1CLJuoZG3yiZA2NskhZhg8c16zIOMdPx6VH5ZLFtxJ9SaCWjlbPw/qN5Ix8TXGnanAI9i6fb24NsXLA+YwbO4jaMDjGT1zVqHwH4bhuobmLQNNgnhcSJJDbojKwx8y8AZ49utb8kO7vzSKpU+446CpaGebweAX8SaJ4v0XxPpy2tpqupTX8MkNwkrJvVQjqVYlXVkBOcdcVL8KPBd74Z8H3uj+JBFq1y2p3EzSXCLLHOjFNrlTkZO08HOK9AfJYE9M9PWmxxgc+3PpSA5+8+H/ha+Ym48L6PLuPexjH8gMV5Z4u+E/g+H4seBbKLw1YxWd7bagbiGJSqyFIkKk4PbJ/Ovcnfv6V574yYr8XfhtzyYdUX/wAgx1SAiPwE8E790Gl3Fm3f7JfzxAAdMAPSyfA/QVYNb6x4ns2H3fJ1mQ7T64YGvQoyVX60u4Dkj3/XH9aAPDdN+HNhqXxWvdE13UNU8S6Vp+m299BZardF4/Mkd1JYADdjapGePavY1s4ooYoYo0hhiG2KONQqpj0GMD8K4uwYx/HzXyBlT4dtM8HAImk4zjrjtXdbRu4Ocf4mmBGqyQ55JGc/N6+v/wCuoG9Nxz/f/i/Pt+VXWJaoGjB+tAHH+LPh7p/im4W+jkn0bXoMmDWLDAmVccq46OvHfnjjGa8jS88d6t8UG/tTw/H4pt/CDrCsWnXCQxPdPGGE5Dnl9jDA52kmvoxW8tlP905HHpXn3gOND8RviVwR/p1oenOfsqcn9aQFT/hYeuW7Yufh14mix95oo4p+e/Kv/kk1qeHfiVb+ItWj0ttE1zS7llZg2oWLRJx1+bkf/rrthxg5OfUdail8xs7Sx7ncx5PbJ/OgDzTw7rmofEjxB4nlTU7rSdF0m8fTLeCx8sSXEyDMjszK3GcADA6k59Mnxhr3jDwbcaRC+vo0eoa+umrcPaxBTatGrBscfMDuU8+/tWrYeG9a+HfijXptK02TXvD2s3jah5drJGlxbTuP3ihWI3DIBGDwM/jnfETQ9f8AFS+FhceHHmtrbW4dQubWDZMkFqisMSYbmTLdB+fFLqBs6x4t1Wx+Knhvw9aX1m2manbTzzebCHkTyguVDbgDnd+HvXdxlgqlhsDHOOSFyOmehrya58K/2b8ZPDGrWHh64sLG3sbqO7mtrVkjSSTb5YYgcnAPXpWtGJ9F+K9pE9zqUdnqVjO+Z5WlhnmV84Uc7Nq5zwM5FUB6PnPoaWJv3i4HQ1VWc+eVI25Of0H9MVaUL5inPOeKZRwHwVGzwTIuc7dSvR/5MPXe1wfwZJPgubj/AJid9/6UPXeA+1IY1lx70z7wx0qUkUygBPuqBTaftzTTSAarY7ZpW7Um2l696AI/Wm7sZFPx1prL70AN/CkJA9qUjFJx3oAbw3ek2e9OZguOKTcPSgD3KGMx7gRTo0by2+WrXGckUvAUAVLIKio2CCKXYzYAHSrm0ADvSfKvNMCqwZm6YqNYWJ+7V+NQ2TmpANvWmBHGAqAYwaWlkZeOMGlVcjOcUAJk0qE560YA75paBCNk0KvelzjJo37u1ACFu1G786GU0uw1LGO+8KRaPbpTMhTyaYEn3fekHJNGQe9HA70AKaZuKnIOD/k8e+QKccN3o25AoJOHb4c3Oj+J9U1zwtqkOlSawwm1HTrm3MttLOAf36AMpRzxnk5xUvg/4fReGta1jXr6+bWfEWrbY7m9aLyo0iUYWKJMnaoye/NdoFH+T1pkijdnAH0zTATO5s4xTtwzjFM9MCnKpzk1IDmpM0NxSDmgBxPGTzSjHXFNPIxS7tq0XAGI9KTimt60qrxnNFwEwWbao57H0Pr/AE/GvGfhnq9x8bLjxD4i1DUNSsNBtNTm0zS9K025a2AWIgPM5XlmOeOg4NezruWTepwyfMM9MivI/DPhLXvg/rfiC20fRZPEfhDVr59Tt1tZY1urSWTG+JldhlT2IIxg8U76AZvjnxB4m+F0kOj2mrS6vP4p1m107QrnUnEjWStH++LgAKdvy/MQM7vatT4lSa98JfCE/i/TvEF/r8ejhJtT0/VCjRXUG4K5j2qDGw3blxnrzmm/Ej4f+I/iNpdhqq2tvpOueH9Uh1PSNPllVmkKAB45GUkAyDGOw2nJpPic2vfFPwRqnhLTvDWoaXc6si217eakqJBZRbkLlWDfOcLgFevt3a2AXxJ8Up9e8X+EPCXhS4htrnXtO/tmbU7qITfZbPBK/uz8rSN056cdam8ReLNS+FXiDw7FrOpNrnh7Xr0aWlxPCkVxZ3Lf6rOwbWViCOg2475rN8QfDebwP448FeMtAsbrVrDQ9JOg6jZ2+DO1pgbZ4wT8209RjJwKg+I2n3Hxs1Lwno2l6bqFro2n6vHq2o6jeWkluoWIErFHvALyMT24/rRJueH/ABh4hu/jj4k8K3F7ay6RpthBfqq2e2ZvMOBHu3noQecc46CjwZ408Q658VvGvhrUH019N8P/AGZkkigdJZBPH5idWP3Rxx3zXH2+k6V4q/ae8WS6hYXUtncaVawWVwRLDG9wjkyIrgrkgNnHTg80/wCDcek6L8dvibY6Y7RWN2lglk0sjkTNHG4mCtJycMfwyBSGe7DIABpfwo/hGPxz1o+7QMdxTG59qFNHFACbaY6Y5zTmxTWPFIBMfLUbCnhuMHigEc0DI2XimfdzUjHNMYUPYRDJIEXJqjcHc64JxV24jLR4HX6VD5RYLxyOtCAgXKvtzinFGDEk5FPkhZmyBRK0iKMRl/pQLqJjzEBBwahMPltlTx6VPHGVUZO0+lJ5bMevFBYwSAjjr3pGkGKikikjc46VL5HALCkSU5kNzxyAKdDC0eABjHrVwJ6CnMvTtTArBQvAyOwwTwPxqTy9oz602SMj5gfrUX2xeQe1AD9u6vNPEmG/aA8C8Y/4kmqL+sR/rXo63EY5Y47/AK15r4muFb49eBCOh0jVB+kNAHpS8nOP85pHJJpYmDfNkAY9aXzUxmmBEJCu7selNkbd3zx6mkmYNjBwO9VWmYudvIFBSJvm9Binfw4HGfQkfyoSQFQO9BPzetIQzv6/gKVsY61FLK0bDsDUTXRLhNufegZYA75zSN9M0xZNq5IxT9wYZFAEagFqQqFbNSY7iopJNoJPSgAYA9KTGKasyt0NKWpgIx9uab7/AJ04c0h9D0oAib9KTnBpzqeDj5emfSmLJ8vQksu4Ad/88/lUMZGyg+w6k47eteQ+LPGmiXXxr8GWqajAX0n+0YL194EcMrwIVQv93OBzzxxXT/Ea/wDEeoXUXhvw+smlR3EBnv8AxHMu2KygyQfLJ6ykKwBPC5PtXnvhvwVpXxG/syw0vS4YfhxodyZmvLqFXuNZugCHKk87TnmTo3GBxTiB7XDqVncIjR3ttKpBI8uVWyM9Rg89aTUpbqHT7iWwtkv7uNSUtmlEYdgMld2DzjoPXA71yT/Af4fvIQfCtnG6nDeTJLH79FcAda3/AA34T0LwHY3EWmW/2GyZjNMbidpEBweSXJwPb1ApoRzvgn4o6Z488I3GuabbNJdW6lLmxyiTxsvO0kkcYyw7HI9a6TwxrkfibQ7LU4rea1ivIlnSOcqWCsAQTtJHIPrXh9lot14V8B+HvHvheM3R/sWO213S7cg/a4BHsEijoZIzgnvtrvvDnhu+8SfDTwWtn4jvtBaLSrUsdPVHWTMMfDBh2wemOtMD0Rwc4xzUe0j3/A/4Vwr/AA98XwjFr8TLzrnFxpcL/wAjUf8AwivxKt8G38a6TdEdftGkMv8A6BJQB3UgPIzjIOOQP51wHglv+LnfEsAE/wClWJwOcZtV9PpTpLD4pW67TqPhK6PXdLFPCDx3xmuK8K3PxGh+JHj3ytK8PXd40llJdD7e8Ua/uMII8qc5UZPTG4UnsB7juC8YJP60hYKWBxuAyVJGdvrgmuF/4Sb4gwRsZvAlnPjGfsusx5IzzjK/5xWF8eBBHbeBry6tJfM/4SC3hnt4ZGaR1ZHJiwh55UflQgPT3t2kkEijdtOC3BGPTNNWEHCttYL06NivI9U1S31L44eC0ii1XT7W6sLt5oZUntklePaU+U4DFfmBAzjI9a9jXdIvzHnr1JoAr+S6rsRvlzwG5HPU/Wsiz8IWOl6o17bxzG6JkKyTTvII97AsFBOBnGK6NV6cUrfeJFAGcItpPy4GeAOwpY1P2mPA6MD9avFA0eOhqAD96mBk7hx684/rTA89+C7f8Ujdg9tWvx1/6eHrvsjtXAfBeNV8Lamn8Ueuaih/7/t/jXfqvXHFMpDW7U3pTmz6UlIYvRab607bmk27aQDGPtTTT9tIy0ANJzTWNOpB3oAjbNJUmN1IVxQBEwHGRTto9KVj7UygD31V3E4ppyretIGIyB1NKu7oetSyCTdlcDrUQbcOadjZ25NNVT6UABkMZUDvUvmsV4GcVG0RbBxQY5AOO9MBDMJFBFSLMVGKjW3ZBgCniNucjFIB3m57U9WHeovJapEjPegl3FkYbTzSR9MniiSI7SRzT41O0BhimA1pMYxR5x+lKyAVE9IBxlPHemM2Wo2twcUCMt2oGLu4pu4vtPSn+WQOaasZUY9KYhTJsAPWni5X0qJwzAKOKTay9RSAseeO1MaYYzUXLcYphiPBJzQBOJuh6U9ZgOvNRCP5c4pdu7tQBI060iyq3tUflls8dKbt25oAsFl45pJJBt45qIDco4pu7GRjFAEqtuSpEYMOtU+VYEHj0qZcjkUATlR9cVBubzjn8CRk5pdzZ64phyGBzmgB7gKBgZ7d6av8IJJC8Lu5IHp6AfQCpBjqaZtw2aYDkyjZHDdd3f8A/VTJ7hmkG5mJ7EsSRjpRJk9e1V2iLHINMCc3T/dySuMAZOB7cHp19+etSNcFsncwbGNwbDY9yO//ANaqaqdxzTkb1oAsKwVcfrUbYJxmo2kOelR+Yd3SgCckKMVGsmCc80zcWJ7UnJ59KAJXPAI4qMt0pQw24JxRt3cCgBdvA4zTWXp2qTJVahaTB5oAShWzmopJ9vAGfxpyuOp70ASkDHTNQhcsT0qQzKB61H5w5oARl55pvY4JH41KzjaDjFUppSs2M/L3qQJ8buTUbLnvTfMLSbR0pWkpgQTMFwMZ5x1qYrhfWq8/zYx61azyB1pgMGe3FIVPc05vvcUxpNvWgZFIx6AVUuY9xXPFWWk5yKikcSKGJwBQIjNsuwrjJ/8ArivN/FVqF+PHgIHgNpWqDH4Q16dHKJFJU+3615r4vU/8L5+Hp/6huqA/gsNAHbxqY5wgJKnrVj7P6HAqONSboY9OavKhoArtAfLIHLHpTGtzHHjb83errRgrjrSFdwI7UDM/y2UjiopN3bI+laWMnkUx4VPQYqWMzZPlVQQSTSBf3o+XFX/L2+/4UrRqedvNUgKcuPLKgc9qbGfLjAYYNWto/u800r6igCH7Qi5BzUVwVeJhnHGc1Z8sH/8AVUclusgxipYGRb+Z5irt4PIOa1FAPBHNRtbgSKcY2jAqfbgA1SAa0Y6CmeXt96mz0OKSTGM0AUr26hsrS4urlykFtE88jgcqiqWYj3wP1rzTwhq3i74ieDY/E9hqdrpS6gHn03SntFkhaPLCPzHJzvbGcgDGehr0vUrGLVLG5sbgEwXUMkD7eoDKVJ/DNeXeArzVfhZ4PtPDWqaFqmp3ejq0NnJptq00d5FuJjCuOEbnB3cDrk0WQrmr4f1LSfjj8OV+32siWtwxgvLJJShSSOQ+ZGWXBKlh+IxXcW9rDa28NvbxJb28KhI4YlCoiDgKBjgdO9cb8G/Al38PvA8VhqJj/tS5uZ7+8jibKxSyuW2A99q7QSOCc13ajoaBkOzGPUenSoZI1kV1dFdGG1lYAgjIOMHjtVrcDnPFRMvtQBUjs4LeHyo7aGKFs7oo0Coc9cAcAdOPTPrwsNvFawxQwwpDFGoRI4xhVUdAB2AqzTNuGoAj24OQP50KBuyVH51MCOcikOKAIJFOMDqfTjuK898JMf8Ahb3xHAyA39mE5PP/AB64/pj8K9Dmwy/wjHr/AJ/nXnVp4u8E2viHUtSttVhiu75kjurgufJcwqVGHOFwPnHB6kCgDvl2mQHGD+Fcf8RvBeoeMDoAs9QtdPTSdRTUv9IVz5kidFBDcZBb17Vu6t4q0fQpLddU1Oz08zqGi+1TLHuB74bHHv0zWhbzrdRpLDIro67kkjbIPoRjqD6gHoaAOJ1/wXrGr/Efw34jS40/7PpME8TW0kjiVzMBuI+U4C7Rge/Wu3VQuQvIzxnrSC8gac2yXEbTKMmLzRuPrxnP/wCqppGC8/pjHFADBSPzSt7UzcaQCZxxTIgPOXd6j+YpzUQAechPqP50wPOPg3Hs0DXMDA/4SDUR/wCRif613+Rjpj8a4X4OfNo/iJOuzxFqIH/f2u5ZlyQe34k+w96Chu0DJpVXdTmiJU9j+mfSkjxkjOR60wEPFMNOk+VvX6dKDgY9KLDGGmM1St+QqH7wzRYBmeadTW4NOosAn3cmk3cUpGab7UAFJtpcH0pMn0/WkB78sY/GnKq5PrTFk5PFM3FWJ61LIJ9oOOM0vl+tRrP7frSecWJB5oJJcjFO27lqDd1p8UhK8UAL5fzU7bzjpQzEKTnmoFmbdnFAEufWnLjBPSq3mM3X9KlXLLigCRWD/d59aUg1XjkEatjrmneYysR6igB7HmkAVqSH5o8Hk0zlXwRigCcLkeoFNz8wApwG4daj8n5hQBMw9aj4JOKSdvLjNVGkZVUjnJoAtZCtS5D81XkXDAjikjcrnjNAFvyx2GaVoxxUXnYUYpBN60AT7QVwBSLHimLMB3pfOzQBLt9qiZB2FCzAZ3HAoWVGP3uKAG7e+KNqtnjJp7N1xzVeQmPkUAP8mn7cDpmhXO2mrIQ5FAA0fmLyMGhYQq4NK0nXnFJ5yheTQBGsYVjipwoqs8o4INTKwx15oAVoxJnIqFoh0HFThwR6GmB1UnNMBn2fbjFAtgvXmpdwPQ1HJIVHXNICFo+T2pnlZNTK4brTHbb0oAaYfem+SQp5/Sp89M80EcUAQLEMc9aTac8cVNz6Uje4xTAj2kryartHuNW/pTWXHbmmBRkjIyQKRF3DFXGUfSkWML2xUgVCu3NRsPQVbkjz0FQnCfe4oARlfbtP51Vlt2aQE84q80ny/wAqb1xQBRYSiTI6elHOcGrZUtyOlNbYuCeTQBWkjZRnNMO9Oc5p93Jt2gc84pzKW46CgCuskjMCvbqDTJGkkzn9KsrD5betSrGir0oAzwrbSDUcdu8gweE71otCp70gh2rgcj60AUY8RRnsOoH0ryr4seJLDwj8U/AWt6i8sWmQ2epQyzxwtIEZ0i252g9cGvXmRRnC0R5TG35QCDj/AD+P51SEeX2v7QXw8kugx8S28CkcmeN4+g91rtPDPjPRPGUc8uh6ra6rFCwWRraQNsJGQDjp/wDWNX7nS7S4yZbW3lJXDeZCrbuPcVBZ2FnpZkFlaW9mJG3OtvCse5sYycAZpDNZcU1vzqpJM33R1oVn4FAFkjd7UnrSrnbzTN2c9qQAF3USY6Cl3YxxUW75jTKQnl0vlinUh+lMBrRjaTUS+venNL8w4pNwz0qQEZVbnvUZXtUj9iKT7w9KYDOFFManNTfvUwI2UMeRkelRyKVyQcEjHHb8Ksbcd6RlBoFYpsu7tj0x2HoB2H+NPVNgqRlAakYjAoGQ+XlqUrhTmkMgU9aY8jN7UARmQZo3c04RDuKiYbWoAcSSeBSFS1OVhSNJt6UAef8Ax3k1C3+Dni+XTWkjuhZFQ0TbWCl1D4Pb5N1WdJ0PR9U8B6dpKwxy6FdadFGIlUKhiMY+YDGARydxHByc11lztmieOWJJo3BVkkXcrKRggg8EEE1xdv8ACfS7W1Nrbahq0GktnOlLd/6OQc/L93cF5xtDdM0Acp8GVXUPE3xEv9QEc+ow60bBZbhQxS1jRREgP9w5LHGQc1y3iDxZqfw7i+M+maJK0NppTW1zp2F+Wza6C+YV9MEsQO3PAr2G48Ewf2/JrGl3k+g6jOqR3DWigxSqgIT5DwCueD+eeMSaX8OdHs9E1TTZ45NR/td3l1K5um3SXcjDaXPphRgDt1oA43xB4D0jR/hPeXWkW0VnrFjpv2631WL5Z3uEXeWZwMuG+bOeMdMY50dL+Jmoz+FfDuq/8IvrOsnUNPju7iTTIA6o5VcggkYJ6gdxU1x8OdXufD7eGZfFCnwyYxbMRb4vWtxx5Pmbum35SccjNdtYWdrpdjBZW0SxWtvGsMMQ6IijC/iAKAKM2uCz8PSatPZXkKxweebNoSbgf7OwZ5/Gsrwp8RNL8bXFxBYwahby28YkkW+s3g4JAGNw55PbNdGwG4MfmOc/dHP6VFMGdlLDKg5x7/4UAczrHxW8MaFrT6Tf6kLe9jkWNlaGTblgCMNtweorb1rxNpHhi1ivNW1K1021aZY1nuZVVC2N2M544Bq1t86PbMFlHo4yM+v51Wu7eC5Xy7u3ivImfcy3CCQE4weGBHT2oA86+A/ifRtWg8RWlpq1pPcSa/f3AjjlBfyWmAWQqOdpLDmq9l8RPEHiA6/c6S2neZpV69sdBkhb7XsRwDLnIOWXcVG3t1qx8GdGsrOXxVJHY2y3I1/UIDNHEFfyxIPlz1CcDgdCBXLePrE68t1qVjpmq6R8RrW4ki066srWWMXu2TahkbbtdCoGST0HvQB6TqPjhfDtnrd7eXFjfw2dykNpa2DbpSXG2OJ1yf3jOcVDeeNL+31628MWFja6j4lFp9ru8TGO2tYsnBZ9pJ3HhcLk+lePajbzJ4m1a4nhlt4o/F2l3chEDRq48tYmdSQAV80kde+eM16BeXA8CfGjUdc1QNDoWvafBbRX5X91DLF1Rm/hDA5HTOWxiqA6ePxVq9vdaxbX2iRwT6daC8Qw3O+G7Q787HKDBBQggjqazV+LMK/DaPxlPo11Fp8saziBZommELEBX2lh37Z7VrXXijSta0nWWtrhLu3tbJxJfRjMBypxGr5+YjIOOcZAz3rxC40uef8AZTkuDr9y1uulKWsMQmEP5gxGPl3A/d4zQGp9FafdS3+nwXH2d42ljEggcjcCeinnr0qLR9atdetDc2gZQGMbwyDDxupwysOxFcff+KNU0fWPCsMMlhJY6lNDbLatGfPOYy7yK+dvAXbgevUVl2N1qsXxa8a2eh29vM80NhcEXDssKyMrI7HAJydgPTkj3oKR6gwH+etMrC8D+ILjxP4fjvrmyWyuBLLbyJGxMZeN2QlCeqnGQccgit3GKBhQo60Uv60gEKjpTdgp560lID3XaeMDNKqsc8VYC/hTtu2nYyIVVh2/Ojy2ZulTr3py5zUtAU2RgxojRgwx2q4Y8kk0CPHQ0rARuh29OtR+UR2qzk0m40AVBGR2p6xsKmwaf2oArNb8UeSxOc9qnyR3oLfQ0AVo2IzgZP1puWkYFhgirKqByMA0bRxzzQBG25enNIm4HmpcY70YzQBDJG0uRnj3pixFMAjI9qs7ce9Gz3oAhkToByaZtZd3FWdo3ZzRt680AVRG3pS7fUVY24701kLYoER+WD2pu0gfjU6rt609l+U444oGUmXcrA4P0pPLK7cDP51xPxk+IGsfDXT9DvdN0+w1GHUNRh0zyrp2R0klztcEA5UbWzx6VF8U/iHq/wAOp/C0cej2F8dav49LYSXMkQjuHGcj5DlODz7UAehJ35x+FR+YHbBqWPcFjWRVWUqu5UJI5xkjPbOefauGb4iTa14m1XRPDGjf2xLpEqw6je3FwLa2glPWIMVJZwOcAfXFAHc87ueMioW/1hxWD4S8ZTeJNQ1vTr7RbjRL/SmiWWO4dXEu8MQ0bLkMnyHB7+gpfGXjjSfAttaS6i0kl3eTrbWmn267ri5lP8KL3+ucDvQI25G6A0jKdvFcvD4+ht9csNM8QaVd+GbrUWMdk148bxTSDrHvRjtfj7prsBH8o5osBWZdyjIpdp65waseWKCo9M0AVmcqvqaarZYg1ZMIbjFH2Vd2TQMhkyoz0qPzC2KttbhgcVCICCeMUAV9x3+lNuJOgFWfJCkk0xoQ2aBDI5N1Pkk298ULFtpsq7qBjfO4zmk8/dTPLwKRYT1BoESmQjGKdknk81D+NSK1ACnFNLUM1RbvekBIWyOKz9Qk2wnPHPWrZY9jVS5gFwu1jkZpjKctw7SJlcfjVmKRnJDN7CiS1HykdqbsK5OO+aAIftzJI8Z/hPSluJDHCz/eIGQKTyFkcsfvnqae0Zk+TPHegRCqSSbHbuAQKmtpvmZW6g05leHG38KIYW3M5GSaBljg9qSkz2pHk29s0AOGKPvZ4xTN27HGKlAypxQBXZQvSl2ggUfeJFOU7RVINCJl7VG8CcHGCKmZtxprdOaAKU0LLJu6g0i7mYHGB61cMn5elRs2eKQDfMxx1pB3p2MAU3d7UgBqjbipOD7UyRenNAxqnb75pzH0NJtyppgyM5NAiKTqKTnip2jDKD1NMK5xziixSE2ll4GaZu7VKPlGAajYZNFgGUqrxRtpRxkUWAaaRvumnNik6jFUBEV3LUMy8cVYxxUEnrQBVUjd81T/AC7cjmqsn+s5qYL8owakCTcG9qjKZY5H0pU+UnPNSZzzQBTmTaciouWq5KM5FVo1yaABYwQcjNDRZHy8VP5fbNN5XIoAr+WV/rTPu+/8xVhiajIBBOKAIWZmbqf0qPyfmz/+upkOeafQBGVXA4pjqCpxzUjY7018FSO1AFGa4htdvmzRxE9BI4XP5mmGSGZkCzxkFsZVs/y61S8ReC9C8XeSdc0i21YwhhF9oB+TOM4wR1wPyrnJvgV4Fkzjw8luDjiC6njHH0emBS+E+HXxdhl48SX5yc8EyDHvjFa934ybTfElppN1o19BZahdPZW+pSbfJmmEZkKlQcgEKxBP9361seG/B+k+ENLbT9FtDaWxla4dDI0hZ2xvJY8nOB37VhX2n+Jrrx1bTy6HbXOi2kpjs5jeIDHvUh5mTGWbblVGfly3JzTA6e8s4da0+eyvovtNrcx+XKJAPnHr7EYHT0/I0+xOn6fFaSSveeWNrSTcl+e/+e5q7tVTxx+p6nFK2OKWoFfyIvL2CGMR8/u9ilPyIqncaHptxCYptLsZLbcGMDWyGMn1K4welaJpsjdOKAOR1rwPLqElvGs9pb6JbSwzwWENuFdZI2DDEgb5QWHJA6HHNVJvA+prpeuvp+qW9n4h1mfzrvUJIyY0jACrHHg5AVAACO5Y45rt2yxzjgjBxTAoVCAefyAqhmJ4V0280fRorS+kspJIziJdPjaOFIgAFVQxJ7Eknua16Ov+c0EYoKF20zvTs0UgG7aSnE4ptAH0ARil3UnPehkJxzVGQ6nbgO/5VE0ZK9azNc1aw8M6ZPqWp30dlYwjc80hOPoAOSfYUgNcSbqXdweK4g/FbQ7aSwW6i1axTUJo7a0mvNNliinkcgKFYjodw59667UZv7PtLmdop5hChdo4Ii8pAznC+vB4pAT7geaRZBzniuN8M/ErRvF3hW78RaSmo3elW4YmUWjIZNpIfYD97aetXPBfjHS/iNokOsaL9sOnyMVjlurd4fMIJB25HOCMfjUsDp2YUu4Y61g+J/E2l+DdMW91W4aGOSRYIo1RnlllboiIBlj9KzdL+ImlXWv22i31rqWganeBms4NYtfI+07eoRslc9PlJBwelAjr+KYzYHSuTk+JGip48Hg5o9RXXDF54T7GxiMQ6y+YONmcjPqOlMX4haXP42uPCKRaidahQTMi2Uhj8kkAShwMFeRzRYZ2CsO9BYCoVjYKMn5uh5zzSsu7GaAJgwxnOKTcDwOaYsXy0jQ45zzQIk3DOOhpdwquU+bOaGDLznNAyfcKQyr25NeYat8UNe1TxZquieCfDMPiVdH2pqF9Pfi1gjmbnylJU7mAHPpkVB/wmHxSVQf+FaWr55zDrsJ7+60WEeq+YMelOVx2NeTL40+Jx+/8LJiB3h1eBs8fT2psnxh1vw7NZP4s8C3/AId0ma4S1k1P7ZDcR27vwpcIchc8Enpx1osI9c3DuabuxznpULLtJ+YMOxHT/P8A9amfNnrx3oGjxb9rK6s/+ER8I2s94ttLL4ms3JSXZKsY3bnBxwBkZPQZGaxfj/oNj4f1r4Y3DeI9TvI/+Eptj5epXwljWLBPnKAoOOg3DI5r6Aks4rgHzbeGYkEZkiV+PTkHj+dVNQ0LTdQjRLzTLK6SPhRLaowUeg46fy7Yp3QHlPxE+LWq+F9e8ZSpqVrp7+G5bGS20a4jVjqsMjAyvlueQSq7e689QBU/Zok/4RiTxl4R1hhaeIo9dm1FYrghZbiGZQUkU/xHAwee2K9A8Q/DyDxhe6X/AGs1vPpGnSxzx2UduoeRkO5A8hyQgbnaAPrxWv4g8JaL4smik1rRrHVJYhiOS4gUunA4Vx8wHA4zSAi1fx1pGlx39xE0d9dWwjt/Ktss00zFvLt1K8E/e47DJJrwO18Wax4n+I/wZ8aeI4Y7HTpJ9V0thGxEFtdF5Y41dt2Ax+UZJ5xXu+rfD/w7rNhp9jeaWq2ljN58ENnNJbbZCMMw2MOSOMnpWB4A+EOn+D/AsvhW8WPWLS4uZZ5VuGZ4yWk3JtDE7CowNwOSQT34Yjm/2rlkvfhpZaTZPnXL3XLJdOijIEvmoxJZcDK4UH5ucg9ea9tmz58mQN247iBgbsnP684968w+GNl4Z1S41bVNN0OS2vtI1O50dbi+uZbl18rCMYvMY7FYHsPxr0VZm4GOgApiLW3jrTGb14qDzG9aa0hqQJxJzxTmkqp5m08DdT/M3LnGPagomWQc5oLA9DVdZDStN60AP655pjAVH54pvmZ6CgRIDigc1Grc80rSAHjmgaBuuKdt245qIuOTSCUc0xMVwFximA9aGcU1ZBuIpMQvLEgZJ7D3/GmY+bHPr90nj14FQalqNtpGn3eoXblLSzie5lYdlRSxI98A15f8PfEPiz4l+GLLxX/bEGg2moBptP0uGySaNYcsEMzMdxLEAnG2pA9VUlsgDLADgHvgZHPTGe/pQMbc9R64JxyfavC5vib43sPFXgLRb5tIWbX7q9tblHtGIjMBbDRkP0YdARxgdc11es/EDXdN+L+h+EbeHTHsdUsZL77ZPHKs8aR4DpgcZPUcdqpIaPR8jufxqLcGcgdBQ0y7jtztJwu4jj2P4560Zx25HWgYm0KxNRfdkz0FPkkFJ8rMAaBEpkDLxTc7ehqPIVsA8UbtrHvQMfx61GVJJ5ppkKsTjinNKuB70AG7bxR5pXoaZuBpjNn2oAVpffFJ5vvmmbR60beOtMCTOeaazU3dgYpD+dMYU3dtpPMGcYpjNuIoAlaQcU1WBzTS23pTGmxwalgSK23Pehm3VB5nPSnhuKABnIHFQsxp8je1R1SAmhkA+9RJIueOah3beaTduoGTdgaZSbuMUzJNAx/cUjdaQfWms2KAHUu2o1en7+2KYDW4FQt3qZ+lRHvUMCr5QZualwFxxQRjkc0m4N7UAJtHrinfdU80HCiqskh5FAErfMMioY1O4UxZGB6U/cx56UATn5WpGxjNCHcvJ5pjtjigBj/NwKjZdqmlc45BpjMWXHXNADIuR9KlC7vamQrtzmpPwoAQxj60xkGOKkJ/CkzQBDtoaPpzTm607IxQBCBt9qbgZGAuB03Kp/pUzAHvUbLjvQBHIoHI/L0prLgDFK/y985o3BhxTAZtPcYqNuanDFs5qJl5pAN7YqJqlPFRfe9qZQlNandKYzc9KYw3UA5pMZ9qNvvQAjH2pu6pOKTHvQB9CEe1H4VJgGgr05pmQzbtyRjOOOP0rxf46yGT4n/BvTb1/wDinrrWJZJ0I+R7hEQxK34l+uete14HrWJ4y8G6N480F9H120F7Ys6ypglJIpB0kRxyrD1H45oAta1aWmpWckGqJHJb+ckzC4fYFkVtyHORgggYx+Vc3/wsm0m+K0fguKJpJ/sE91PqCt+7jkQoPLHBJb51LHPAI/vcWdL+H9taSQPe65rmvfZgDbRapdCRImX7rYVV3MuAQWzjHfNcHYfATUNG+Imi6lB4s1i60a1tLsXEjPElwZZWjYoGCZIdgxYnONgApAct+zzF4vm+B2/SW0FLEzaiyx3qTmXPnSFwNuVx1I+tXvgT4s/4Rv4AfDa3t7eK71LWLqSwtY5pPLj3GaZyzsASAAh7EnivUvDPwp0Pwb4SufDWkXOp2+lTFyV+1bniL8uY22/KSSc8HrWTJ8I9E0PwJH4b0jRZtVs7aYXNjb3WoNF9jlByrpKCGRQSxIU5O48HshHkv/CcN43/AGkvh8+pW6afb6edS0swPJ5kA1GNTkqxHddhBwCCRXXftaRTTfDXRo7Pedc/4SGzOmqufM87zGyQB1OzP9e1dV4W+CeiaP4DXQNZjOsT3F2+pXV950gk+1Mc745Cd42gKAScnByOa29N+Hek6frMOryzahrGq26sltdatdmdrcHrsGAAenOM8UCPMvFw1yT9rC0/sVrAXUfg9stfpIyFDcndgKc9R296XwrHqzftV64utNYm9/4RKI/8S9HCCP7SMZ3/ADeufwr0mT4b6NJ44j8XmS+TXRGLbeLo+X5OcmPZjGzOTg+tNh+GGkw+Np/GMT6lHrUsRhkl+05j8nORHsxwmRxj3ouhanT8bmwAOckKOOnb2pVpV3tnIJbuO4/+tjFDHHagWopbFNLZoJzSUhjWHfGa4v4q+PLnwT4bij0y3F34j1eUafpVso3bp3/i/wB1Blie2B9a7WR1hjeV3Eccal2kY4VMc7ifbGa8m+HcJ+KHjW9+Il0mdFtQ+l+G4pBj91kiW6xno7ZXPcZ5qkUdn8O/A9v8O/Ctpo8cn2q6VvtF9dSctc3THdJIx75PT2A+lYF98C/D9/eT3Lax4ngkmlaZlg1uZUDMcnavOB7CvQtpxgnDL94e/fmlC+2aBHmTfAHR8HZ4n8YIcYDLrkhI+mQa7K+8LWGreF5vDmpGXUNOurU2U5uCHkkQrjcTjlgcHPtW5t9sUKNp5H+NAjzT4O+Ib+O31PwTr84l8SeF3W2MrnBu7M4+zzj1yuFJ55Fek7Qfz/z/AJ9cjtXmfxk0278O3OlfEjQ7b7Rqvh1WTUbaMfNeaaxzKgHqn3l645r0PTdWs9Y0uy1HT51urC8hS4t5kyQ0bjcD+pyOxzSDUuLx0o2hjk9e1IjZ57dTx2pJpEgjeSWRYYY1LySyHaiKASSSeAPr61DQCM23vmkXPXNcS3xk8INYtfnVJF0xSc6g1rL9m4HP70KVJz71cs/id4ZvPEMOhR6op1WVFkS1aJ1coygq4BAO05GG6Hn0qkgOr3Zz2+lEY/eqDtC5GeOPxrnIfiJ4an8RHQU1qzOtKxVrEyYlU4zyPTpz71veZ5cgbGGU5G4cdSOfbj9RRYDzD4CkLpvjonOf+Eu1IfN1xvXH4c8V6eCOvSuJ0FPDHw4utd0w+IrNbnUtWn1N7e6uo1kikmKkxgbskDH/ANYV2FvcRXcCzQSxzxEkCSJwynBIOCOvSgCY4pC34VHNJHCqtLIkKswRWkbaNx6DJpdyqm4kAY3Bj02+v04POKAHcHtRtzRwGIBBwcHBBwfQ+h/xpR9M0ARt8rUuBtyeaG688UZHPNAEbIGwelG0AcCn4wppqrznPFABgYqJl+YYPU88gf55xTmkHPbH5U3zAsuzeFmGCVOCwB4zjk96CjltS+JnhbR9Ul0/UNesrS5g/wBessuFg/32+6Oo710EM0dxbw3ELh4ZkWRHXkMpGQfy5+hFeA+JRrPwjHi25m0qHxh8MPEF7cXd+bQBrvT3k3LMHX+NVI79Mduh9l8I6tpmoeHNIXSrtLy0SxgEBBG8w+WBGzDqCVA646H8QRudfemFQpznA6mnBhjOR/X8ab5y7sEqFHJ3EY/zzn8DUgZHimwi1rQ9Q0e5by49Qt5LRxySFdSpbj03CvKfhnrlz8M/CVj4N8VadqFvqOkL9liubSyknhv4gxCyRtGCMEY+ViCCDW94T1q++JPjybXbOd7XwVojS2NsM4/tW56SSNjkxqQu3B6nOe1ejMpJDbm457DDcc49ffvnmmFj5t+Jzw6p48+Faa1Zz2NtDd3k17FI8ifZ4ZI9sbSPHjZnaOASQTz1qfWLLRPDf7SHg2OzmkgT+ybyKdbi7knEcjH92mWLbWbAIXPINfQs0LTBgzttPof5jp+lVP7NT7R5rr50hGCZADx/P8etUhHnX/CTalpHxa0PSJtblnstRiujJYzWojiiKBTEscgGGcgtuBJPAPHf0db4sq4OcjOP6fWufHgE3HiC11PVNan1OGxuJbmysmhWNYGdSgyV+/tRmA4B5ySa3Xty0uVOPw5pANa8LdVwfrQt157Db94ds1ILVsEDr61DHavBJnOT9KALBm2tk8Gm/aDkmmyRtI2cc1FtdMjGc0AWGul2jLU1b2PO3dk/Sq00b4BA+tQRj96PkY467VJP4Y/lVIC+tzukxninSXAVQffFQScEADLZ27V6/wD1hj8vSoLqZWUbCOoxzn8PrUsDQEgOeelV5rvBwKoeccFicLn73JA9jgHmkhl81mVgQfegC5DebwDjPPrUi3gkzt6A461kNN5MRwcMciltQ6+woKRrSdcg0xX5/wDr1V81lXk5p0chb3pjLfmU1j3qI5qNmYUhE5bPcUm4L3qJWwDxTN2fagZak7UyoTMfrSeeOeP1pgWOO4pNvpxUSzDbml84Y4OKYDulOyKr+dubGaf5oXrzQMeflyc5qM/NStKrD0pnmDoOanqMeoxT/f0qPd3pPOzx0qrgSlt1Rt1p24YGKY3qOakBmaikXuDU6xmQqoGWYhVHqTXCQ/EC68Rarqlt4a0b+2LPTZ2tJ76S7WCJ7hfvRRZB3sCQOw5oA60sW46UJGWJ9K8+b4wqt7otk/hy/iudVvptOjRnjBjmibDiTngbcsDzmugk+IVrb+Obbwo+m3xv57c3iToqGHyAdpctuyMNxjFAHS+Wvr+lL5atwRQ3zfNu4+lCsBjNADXQRAEGoWff7VabbIuKiEYX3oAqbSWxnNPWMoOeam8sFs4pxVcECgCGinBcZpGoAjZqF5zRt3Gl2be9UgI5GCn1pu4nPalZdzc8Um3GeaQCKCM80xmp7Uwxkd80gI2bPUZoTv2pxTbS7RjOaAG5C01vWlOPSms3WgBrUxu3FNJO7pRuxxQAqrnPNMkXBp/3ec5qNjlqZSCmZFKzdO1MPsaZQpYelLn2pg5p1Aj6IUdcml6e9KxHak6+1MyFUFuikjvtUk/kBXlv/DQmhMxVfD3i6Qr2TQpcH8a9PZVbqM8Y9/w9Kk+0zDOZWJJyfmIH4DNAHla/H7T9/wAvgvxo+en/ABJ2H4/epE+O0UjEr4C8als/e/skj8R81eqCaTOfMk/Om+ZIM/vG65+8akDy9vjc+QF+HXjdh226X/i1DfG65XkfDTxsw/2tMQ/zavTGd92dx/M/40zzHB+8c/Wglnmn/C6tQnJZfhl42Yn+9p68/wDj9N/4XRqA4f4ZeNUPr/Z6n/2evT/Mdhy5oZmAHzHFIR5ovxoukXcfhv42x0Lf2cvT/vuvB/2pviRqmpaFpHiHStJ8aeDNS0ucRi8uIDbW00cnBRnVuG+XIz1weD2+wfMYZ5P4mvNvi98FNJ+NEujx6/qmqQ6fpxd/sdjIEWZmAGWJBxgA44/iNNWA+P8AwZ+2t8RfDXkxarJp/iy0UfL9viMdyV6ffjHt/cPbmvrD4I/HyP40B4x4Y1bQ5Y4DKZrhA9oSOyy8cn0IrS8Ifs//AA88E+X/AGX4VsHmQhhdX6m6mJAwCWkJ5x6CvQvMMahF+WMdI14UfQU9AHBcqDnP06UmQKTcWOT17n1prfWpAxPHHhpvGvg3XdAS8ewl1KzktkuI2wUZh8vPpuC59s15rovxYuPD3wdt9Qj0KNrrwtPHpfiDSo/kks0jwkjxrg5BGJAO4JOa9iZSRjhu4BHHp/ImvJPiRCPhz44tfHPkCXw/rUaaN4nhYbl2k4humHqCdrH+6RTA9YtL+11G1hurOdbmznQSQzRnKuhGVYexBqXeQOmK8m+Fcz/DvxRqfwxvpi9jApv/AA3dMd3nWTNloQe5iJOPYjpXrLcqM8HHTHSkA5JPUUpbLABSx9BUQbAbAyQM/qB/WuD+MXjG88M6Bb6Zon73xX4gm/s7SoScbHYHdOeuEjHzE0AWrf4r6JqEnjLfG66J4bURXuqS4+zyuUJliT+8V4X3LY4rzP4R+A/HX/CFQ3uleMG8J6Pf3E99p+hXGni5NpbSSM0UZZiMcHO0DjIpLXwZa61rWkfCrTZWm8M+HVXVPFF51N7cE7lt2b1Z9zEc8BR719AKduABsC4XYuQF4GBjPGBimB5tH4T+J0fK/EXS3PYTaGv9Hrl/2mZ9b0n9n5obm8W9uGvLS31a7tIRCskBkJc47A4UYyfrXuRy3Tj6Gq2q6bZa5pl3pupWsd5p95EYZ7aZdySKeoIpAMaxs7jRW0wRR3Gkvai2EMeSpgKYCjnpt5598HivD7xdQ0P9pyxtvDdhb6iYPBaW6Q3F75G2JbgLkPg5Awo6dzzXe6f8J4dJsE0q28T+IP7AjUxppbXKMqxH/lmJNnmbe2N3Sprb4X2Vj8QIfF9tql7BdQ2g0+Owjii+zpaBgfJC7fX+Lrn1pgcR4FudXuv2nvFLatZJp943ha2CxQTiZXUS7d4ZVBznPboCfar/AMQPjkmj+G/EIsbDVNO1gaXdXmk3N/alI70xDDPF3O3hsNjjJrp7X4bi1+JVx41GsXUt3PaLYSWbWq+V9nVt6xgjkHIznvj3rndN1KXxt4/U634Q1ZLWGK40+wS8tMW628i4lmkbdyZAoQDHCg+tMC98C/DOlQfCPwzN9it7+bUrBLy/nuIxM9zLKC8hkcj5uSRyQB26Gs+88SQ/CPyfDOmXHhtNOtt80EGpag8E0ayyNJswIyNo3YBBOcVp+GfhprngLTxpPhvxPAnhxD/otpqlkLiayVsHZE+9cgc4yMDPeu60rSxpenwWrzzXxjBL3F0d0kjE5JPoOmB0FSBwOl+KIPiZpPiDTdStPD17ZpYSSGOx1D7X82ONylF2jvn2rzj4H+KL3wBY+GvCPjaQX/hTxDZwzaLqV0gMQ3xr5lnJ2+XJ2k9fx4+gtWhlk0+7j0+KzjvJYmjRrhdqcqQdxAJI56ewrjIPhfba58J9P8FeJ/IuRbWsVslxasSyPEAscykgFSKAMf4Y6tB4J+Ceh31vouoapJLK6ywaXAZ52ZppBvYZ7BQPyqwfj3Yx587wj4wi29T/AGO5GfwNdR8MvC8/gPwBoWg3E6Xd1p8DRNcKSRJ+8Y7jz1OefqK6Z7iTj945GePm6e1AHk15+014R0ryBf2PiGxedxFGt1o8675CCQi/LyTg1b/4aT8CLt86fVLbdyPtGk3CHGB1ylHxumdrr4auzM7f8JhZD5mJwNsnvXp0k0qyEGVnxxyev1x1oA8zX9o74ey8HxDFCP8AppDKp/H5OKdJ+0J8N1hd38YacoQbjyxbgZ6bf8kivQZIYpCxeCGQnrujU/0ryb9pXS9P/wCFRarKLC0Sdbiz2SLbxqw/0qLOGC5HagB0PjPxv8TlDeENNbwpoM3A8Ra7FiWRT/zwt+pJ5wWPpXTeB/hbpXga9n1P7Te65r1yuy51XVJfMmcZBKBfuqM9hntzXZSZkkJLnPT049Pb8KYMhsHkDpmkB59N8KbmK11mz0/xjf2Wn6vPcTXNpJaRTBfOZi6xNgbB82MHNVdV+BmjW9rp0vhS8uvCWtaZbJbW2pWp3eZGgwqXC/8ALQHueDzxXphbrxUbZOCCc/U0AeXWPxUvvCmp22ifEOxi0G6m+WDWrcltNujx0fGY2OR8rcZPWs/4keJLrx34gtvhz4Zu/Iku4kutc1SFgRZWTD7gYZ/eSA4GDxivWdQ02z1uym07ULaG9sLobJradA6OPQ5GfyNfNfwa+BuhX1t4m1C11PXtDuoNfvrBG0m/MS+TFJiJSCDnaGxyapWFc+itC0ex8O6PZaZpNstpp1lGIIYYR8qqOMn1Y45Pc1c3AtjueBngn868yX4L3sIb7H8SfF1omcqsk8U4H/fSdc5/yK0ND8D+KdD1iznuviHqes2EbHzdPvrOIJKCpUEsuCMEg5paBqbnijxvovhGSyi1K88q6vSRbWkKNLPLjqRGoLYHrjuKx2+L3hCNpxPrkVm9qokuEuo3ieBCQAzqyhlHPcetcb4RmkX9qT4gSX/y3UekWY0vzTytuVHmFM/7Xp6V0vxk0izn8FeL9XMZ/tJPDl7ZiXP3osFwG4+bawGG7bqANtvHvh2XQ4da/tuxXSpjtjvXl2RMf94gce9a1hfW+pQJcWlxHdW7jcksLBlYeoIr5v8AGmoa7J+yS9rN4eRNPXw/ahbxb2KRVXag3lM8EnJr2bUPHWkeA/DOmTX8dxFa/Yo5cWdq0ixIFQF2CZCKNwyaLDOz3d6j/izSxyLNCkiHdHIodGwcMpGQw9iDRQAYz1ppUdadjIPOKYWwD7DPWgBjHLYzivIP2pZJdJ+F39r297cafc2uoWq/abW5eFlieVVkHysM5Xjnkdu9evSbQWOd3PGCPwrzr46eE9Z8feBv7E0WG3lumvLe5/0qfyVxFIH2jI+YnGMUwOH+J3jjTL3XvAdj4Z8WXUJudbi0q8g0+9bLWpUkbgcktuGC3v7V7bcXUFrvSafHlxlmLSAyCNRkt15woPb06Zrzn4uaDr/iS68EXdho7XR0nXIdWvY/tMXyKiFTGoZhvPzZ4HaqvjDQfD2uePdIFv5dtryXceoarfrL+8SzCMnkOc878hQuDjDH2L0Ab8PdU8RfF7QX8Uwa2vh6yvZ5F0vT47NJkEKuVDTFuTu25IG3610Hww8dL430e9NzClprWlXkmm6jbR52RzIeq/7JBBH1Nc18NVu/g34XXwlqumahdRabNMNPv9Ps3mS7hdmZBkDhvmwQ3HI54rW+Dfg2+8N6f4j1LVoPsep+ItWl1VrPeG+yxtwkZI6sAOfw4qWB6AbGOQZbkg8U77OoPHap9wx6Uxm2hif5gUFIjkjLAZ5pIY/LyfWh5hwOg9TSrJ1zQFxxPUjioz83U07dwaz9Y1zT/D9kbvU72GwtAwUz3DbUBPTJ7dDRYTLvtmmMwzispPF2ifYbe+GrWf2K5yYbhplVHA64JIyf8RV4XUdxCs8cqSQMu8SKcqVxnrQMn4pPLGc9aZDMk0ZeNlmXOA0bBhnAOMg1ISufvcdsdxQAbR2pp7U/p05pFxVIBFUdcUEBvanM3GMUi0gE2j1pUULmnbc0mQrDvk4GCOfpSGRzfu13HOwcsQOg/wA+vHvUMLpMoeOVXG3cdp/l6j39QfSuL+M+javr3hO2Gk2a6m1rfQ3VzpMjmMX0SB90OT1PfHfaPSsb4N6l4e1zVda1HRUk0i6aGCG80GZSj2Uyl9zbCcKDuAyMAleOvAB6uqnJGckGjByR0piZUnse/wBcc/rUwIxycZPU9veiwxseVmQdevTr0P6eteLfBG6i8FWOseENYuI7DWNP1S5mxdShBcQyOWSVSeqle46Y5PSu08V+Mb7/AITLR/CegJHJqcm2+1OeRNyWVkD1PP8ArHPAHpk8102qaFpuvDbqOnWWobCNpuraOYxkY4G5Txx0osI8Y+Jt9beIPFPwvl0i+Wz83WbtEv0jH3vJwzqHxuHAGenPWrdvp9/p/wC0PpkWoaodYmm8NTssrW6wFFE6ZAUE5PU/jXquqeF9F1a4t577SbK7mtlCwPJApaEA5G0n7vfpx7VTm8HaFPryazLpVu2qgbPtvIk28/LkHp+FUBjaL4x1a+8bX+g6jZWKeXbC9R7Gcu0as5ULKCBhiADx711e5u3H169K5fTPB94/jGPxDqR0+O4ht5LVBpwf/SFZ1IeXOOVCAAc9WrrhGFUd6ljI/Mb0zSxydeKlVaaVHYUDIzJz0x60Me+KXHJ44prNngUAMZ8+1M3CpFUbhmmOo3GgBu8c0wyBec0S7IY3kkYRxRgs7t0VQMkn2A5PsDXm7fHbwbLH5i3V60RJCSiwm2PzwynbypHOapAejs+7npSAjk153D8ePAvPma8tv/12glT+a1cX4yeB5mUJ4osT823G/k0Adu0g5qPzPSmYSaNWV1dWAIZTkEEAgg9xgjmkSP0pASGTqDTN3vTZIm4waZ5TetFmBIGFIR+NMaNqbtbnnFIB7DjOKhZC3zChmbGM0z58fexQA7PFJ+VNCt60Hdxxmgodt9gaRl9qYWZe2KAzN1HB6UxikAd6So9xpfM9v1pgfRwFBoBopmQlGM0UUMBo5pH+XjrRu203PJOakA9abkUpNRM2aRLFL4PTNKW3AVHnrTd1Ah/rTG9iaSm7sMKAHjsaY7DdSs/fmoi2RnH50gJg3ekLgnpVfcfWnhsUASbsH0qjrmkWPiPRb7StThW60+9haCeFhnejDBx7jqPpntVotmjr1JH0OD07UwPEfBeuaL4TvIvDXj6+s4/EXg2RodH1W+l8v7TaSIfLdWJG75DtYc4IHNejQ/FDwfKvyeKNI555vU9MevtWrrPh3R9eZH1TSNP1KRVwrXVqkhXPULkHAz2rLb4Z+DrgZk8JaG5Axzp8f+FAFiP4heFmIZfE+kZUg7ftkZyfz+tcX8RPGfhbw6jeLtOks9c8WxWx0vSbWG4WUtJK3yhUGe/3j/dBro5fhH4EkBz4L0Ik9T9hQfyFP0n4V+DdB1CK/wBN8MaXY30XMdxb24V4z0ypHQ4zz70AR/CnwK3gDwjFaXM7Xes3kpv9Uu5G3Ga7flue4X7o+ldkmF4B49+T+NRr36Z6k4/z6fzpd23vQBIzY6U3zD60m4N3zSGgBSxPfFN2985NNMmD0pdwoARv1z1wD+HNHPl49vfr7c0jNSde9AEgY/X+dKx4xmkVhjFMY470AL93uenbimt8wwx3A8EetIWNJuoAfxnPekbpR16U3du+UkDPHNIDzT44Y8z4a+/jCy/9Blr0lmIkYH1r59+NXxW0O/1jw1Z208kkHh3xTYTalqCpm1g/1ishkHG5cjOMjkc816HF8dvAF5KfL8Wadu67XlCn8c9O9MDvmfHfHvXnvx28Pah4s+FuqabpdrJe3001s0cUWMkJOjseT0AU1u6L8RvDHiC+jtNL8Qadf3Um5lhtbqN5CFBYnAJPABPTtXnetfF7UfAPxcOi+IJ4rzwpd28DR6lHbGL7FPM7iNZTuPyny2GePpQI9nZl81huDsDjI6GkLfNXGLrOt/8AC0o9GW5sm0aTTDqJjaD96D5qxbA27kHIYHHf8a6lbqErn7RGef74J/SpYy160xmC8daYJ0IyGBHsaRJN/Iz+VAhQ2JFI5wwry34C7V0Dxdu6/wDCWaoP/Ii16gsxEqHZu+YDqK8t+Bq7tJ8ZBeQvi7VP/Ri88Uyep6goXpjIqORs8EA+vuPSgyBdoxj8a5nxx4+0r4fWNve60Z4LSeUQLNHA8iiQkBUJUHBbPHrg0dSiPxX4B03xVfWOpSyXOnaxYrsttUsHCXCIesZJBDIcDgjtWfqHwzttY0bUrK81rVry51C3NnLqVw6PMkB+9Gg2gKD3OOw9Kva98SNB8Kx6ZLq91Jp6ahgW4mt5AXY9Ext+8T2ro1kWRVdQcMob5h0yM4xR1EcBrPwh/tb4UnwH/b1xDp32dbP7U1qjSG3UDEfXjkAk9/SqvxEtfI+HMvhW9vdSe7urCSBLvS7Jv3uxQFjcLuAVsgEEjOPavS4/vMc9RjHajzGi+4zKo/hB4Psfb2qyjM0CK+g8P6VHqUccOoR2cKXMcKbUSYIA6jgdDV7dSK3tzjGf8/jRmpAGaqmpRXN1p91FZ3K2V28TpFcMgcRsVIDFeM4JBxkdKss3Sk6ZHrQB5lN4V+KKP+78b6LdLnOJtLdf5Mfb8qYLX4rW7kC88I3o6FZEnjLfnnH4V6aV4/xyf5mk7cDn8v5UgPMDefFm3+/oXhm5Hby9RkQkenKVg3mm+I7jWDqt38IdFvNTMqzteRalG0hkUghjnGTwO3avZ8fMR0PsT/jQ0I9AD9BVIDzL/hYHjK1X/SfhlrHTBeC4gk3Dv0NA+L19a48/4e+LE9SLRXA/75bH6V6Q659vwpNzDoWBHuTSA82k+PWlQMPtPhzxNaevmaTJgflXC/GT4/Wc/ge7m8L6zqOia5aOtzD9o02QLMFB3RtlcDI757e9fQn2ibtNIPo5xXFfFzwHf/E7wXdeHrXXDoa3jKtzchN7PD1aMcjGTt59vemt9Q1PmrwL+3JqNrIlv4v0OO/hGFe60srHIvXlomPJ6dG9a+j/AIe/GHwn8To2Ggask9xGhd7OZWimRR3KOAfy4rzvw3+xj4C0N45dQl1LXZQSStxL5Mee+FXnH1Y1614Z8AeHfBqFdD0Sx0tmQo0tvCPMZe4LnJIqpW6C6m991c9q4X46fvPgt43wFYDS5Sd3QYAP58V3LKTx04rA8beFYvGnhfUdCmvJLG3vozDNNDGrtsP3gM9M+tSvMo8M+KeoajqHwY0Cyu/DElnaxyaUq3kskMkca70UEAEldwOMd9/JOK9n1rx9oPhrW00i8k+zNIUiH7ljBGJOI0dwNq7ug+mayPFXwtfxR4DsPC/9vPbW1s8AN0bVWdliKmIY3cYKAk9+OmKzPiJrQ+2WPhu/0/ULqyeSC+1C7srF2juZEZdkUYXONzKpO48BcDqaTEcdY6vd/CPx34j1lImfwDca1Jp19aqC406QLGVmxnhT5mGweOOeK7nwbeWnh7TPGusw2l5qMUeuSwrHYh7hzGFiKBVyeB5jHj2rZ8P+D7q3h8S2evfYdRsdZu2uJLeNWB+eNFaNgRyMKDu9QfSo/hX8O/8AhWOhX2lQ3r3NtJqM11ayM25xC4QKCfUbMfgKGBl/8L90S2k23OkeILbGd3naVKNvJHp7Uxv2jPA0bIJ9Tns3kJCJcWUyZIGcfc9M/lXqH2iQAjzZNp5I3GvM/icS3j74Wk4fGrXSNlR8y/ZXOPzx+VMC5H8fPAE4G3xNaA/7ZK/04/Gr9r8YvBF0uU8U6WM9A90i/wBa6F9PtbjInsrWfOP9ZAp/pVG88I6DdEGbQdLl9nsoiOoP92mBj618aPB2jaebltetbks2yKGxlWeeVsfdRFJJJPHSsaL/AITn4kR78nwB4dmGOdsup3EZHoOIifU5PNZ03hnSfD/7QPho6XplnpxfQ7yU/ZbdY/nWWMBuB1AJ/OvWwTJjJY855Yk5z1J71LKRzOs+DbqXRdEsdF1R9Pl0qcSrc3e6dpR5boVc5778k9sDArnZPg/N4g1rW9a13UhZalqFrDZo+ghoxF5UhkEm5vvsWxwR0BGa9M+UcHg+wAx9OKd3yDzjHQD+VNbDPMf+Ey174asLTxoBqmkbtsPiSxjJj5PS4Ufcbpz0610fjD4j6b4T8IjWoWXVpLoiDTbW1YO19O4wkaDuTnJ7ADNdS0azRvHKqzRSDbIkgBV1PYjoR0r591T4OWdz8dobXRtWu/DcNnpP9tW0dsqyxxXMkphdkV/uAgA4HoMYpgeo/DXwVP4V0q5u9UlW+8TatJ9q1a8/haU4xGvP3EACgeoY967PceOSPYjA6/z5rzyH4e+N7ddtv8S5HGf+X3SInPHHUEVb0vQfiHZ6hbG88XaNqVgJFE8baaYnMecMAQxwSO+OKAOq1zXNM8P2q3ep38Fhbu21XuJAm4knAGT7En0rPt/G3h65t/PTWrHbgfN9oUdTjB54z1+lcNbyNqn7SGrQ6khkj0rQYH05JEyieY2ZpFB/iyNv0zUf7QHhDTD8M/Huux2kY1CfSPIeVEX5ykuUbOPvDOM+hxQB6X/bFg8MUqXtu0UwLRP5yhHUc5BLdPpVxGWWMMp3I3KsAcEYBBHHPWvnz4pM194G8F21z4Ul022i1nS1FxMkIhWNnClRtYsAwxweteyap4x0bw/rVholxN5N5chEgiWEheTtRNwG0EhcAZ68d6kDocYHrTMZanKd2ec//qzRtwetAyGQfNxUTLt5qwwGc0x8NxQMg69KZ91ueR6/57/4VOcbcdKparqVloul3mpahMILGzheeeVjwqqM/nxgfXHegDgvijdzeIrzSvAdhK8c+t5m1CaAkGCwQ4kOR0LnCj2zXTatpWpvodvYeHNQg0L7PsSEy2/nxrCoICBcjH59u9c58L9LurlNQ8Y6vE0er+JHWfyW4NtaKMQRAdvlwxHqa79hubcTk45xwCc1QHmjeF/iRHlV8T+HLlcY/e6W478Z2t/OtjQ/Cuo3Wm3tr4vtdDvjMdimxtMfKwIblxkcDgg12KruJzzx0IzQUCrwO2P1oA84+G88/h251DwPqD77jRjusZc5NxZPloiPdRkH8K9BUAZ+tcZ8UdPuLO307xdpUIbVfD8jSSQx9Z7JsmaP8PvA89MY5zXVabqFvrGn29/ZSie0uUWSGRejKQMfjnI/CgCdj6cUzcTTlG73PsKb0b/IpagI2aZyTThIrrIyMsgQkNtOcEDOPrQW2yAEEe5/n/n2pAMZajbjtU7AkZ4+gPJ96hkyqvgFtozxjp60AIqjGc0dMmkZQpYGRV2sQc9vf6YpG+78x28ZwepHr+ooAjYbutCjb9Kf0HI+vHSkON2OnvkY/nn9KCiPYGzzSeXS5/E/h/jTuf7kn5D/ABoA+hyPwo+770ySTyV3YyKXzFZQ3QVRkPpG+uKNwK5HNQzTiPjHNAA1JTGY4yBmkjlB4IwalgObNRr3p00hjXKjNQwTmZiGG2gRJ60n86eO9MkbYhK9aBCfXimVV+2NtLOO9TrMGUGkA8kjpUZztx1p3mDvxUMkobhTzSAUflTutQpJhctT/MXbmkAtGagkmO4AcDuc05ZCM5OR2qgJsbu+KFGOM0wNuPpS7hQIlbGOlMPamPIOKXcPWgY5aGxSD86U+/FADFHWnYqAXAaQqKmX1zTANvJpCvvSluuKPvcZxSAjbNC5pWFKq0AHPrQeaY0gQ4NOZlVetABjjrTW9O5pVcMtc/4/8ZWfw88F6v4k1BWe10+HeyIMl2J2qg/3mKimI28kNgnBzjbnn/CvOvic3ijXtQTw1oYk0HSJrYzav4nkwoggOd0UJJ++dpyewqK1m+IVx4RXxC+oaemotai9Tw7HbZi27Q4gEu7/AFmDjO38K1tC1XQ/jp8L4btoZpNE1mHZPbiQoysrjzImI5GGGDjGeKkDyzQfDsXxMtIvDnhiCTRfhVpcg+0X6DbNrU6MrYQnqm4cuRzmvc5PDekMxzo+nHBwN1pG2OBwDtq5Y2cGnWsFrawJaWkCCKKGEBURAMAAfTFTblY4yOOKYGVZ+FtF0+6S6s9H06zu13KlxDaxo67lIOGC5GQSK4C80nSPGHxO8Y6HqVsbywv9Cs7ZkmiYIzxtOX2MRyy+YpznvXqu0evsaTc2Cu7K5zg85NAzw74T+HfE3g/4r3+g65M17YaVohg0jUmGRPbm4RlV27sgJB59K6ib9n/4f3DtIfD7IzneWjvp1znnPD+9ekqTkZOMcD2Hp+ePyqMYXjrxSA8vH7O/grdvhg1S1PbydVnGP/HqVvgJoLSfudd8V2p7eXrMhA/AivTlbaKjZiG6UwPMx8D9kipb+PfGUBB4P9oI+OD0ynWvNvg78NdbuLHxYbTx9rWlpb+Jb63KRxRSCVlZcyNkfebPNfSvmbZEOCcHJx1/zzXlfwRjItfHag8f8JdqXOcj7yUyWI3w78bR7/I+J904ZSv+kaTC2P8Ax4VkftNfaV+D9tH5izXI1jTVLlSqyOJANxCjjpnvjJ617Cqe5rmvHXgHS/iFpsOnavJeC0hnW4CWswjzIpyrHKnkEcfU0CPMfjJP4ibUPAC6va6ZHZr4uszutLh5CZMuMFCg7e9e3tvEjBsls8kg88D1Fcl4u+G9p4zj0Zb7VNQh/sm5S8g+zmMbp0ztkfKcnnnpmusiUxxoC5kcD5pGABY+vFIodnYeTSyMrL1pD83Xmm+WPWmMj455o69DUvkjFR7QueaQCY96RqXcO3NITmgQx+FpsbU5vmyKjxjFIY/aN2e9K470xSWOPSlk+VaYEDY3dacyjbUYUsc05mwBmmAxqbuxkUZ696bz6UwGtyRkk8d6Xn1oz7U0gikAu7nnmmSZPPSnH5hnFMMnUGgBnf3Pf0qUTOnCOyj69vSmBgegqPJ3UAPKgAAcADACgDA9Bx0+tR7ucnqTk44H4Cn1FJ1FAEjN8przz4j8eOvhe2cj+2boH8bR/wDCu9DbsgZwOuK8O+InxS0a98XeFbmAznRvD+vOl7rIiZrUSPbSKUDKCTtYqCQMZYUWA92ibdgd6c3bPA6f5/WvPIfjt4Eba3/CR2sRYZ2yZUgZOM8cH2PrXQ6N4x0vxpZ3cfh/XbWaaMLme3ImMJY8Ern0DcZGcU7AZmraLeTfGTw9qy20hsINEu4JJ8fKsjyxlVJHTIB/Ku2jx15HoCOfrXk/wr+Kl/4k1LUvDWtNHba9bzSmzuFiKxXsCyNEJVXd1Vl+ZcntzXWfDzxFfa54Xg1DVprTzpppY0+zr5SDY7oBksckmNjSKR17YPWnLjnFVEvIpMbZUIPTJAqZJvm+8uPY0xku75gBwO9efbSf2hpB/wBSqij/AMC2Neg/eQlVPAyeOw6mvPJptv7RCBTy3hXdxz0uzjOOnBo6gejxN0/xp3J3AkkYxjJ9f/rVGnHftnqOnr1rL8WeKtP8E6Hcaxq7ywafDgSTJC0gTPdtoJA7ZxQ9wM/xX4DsvE2oWGqi5uNL12wUx2+qWmDIEPJRwQQ6k9jWR4k+Fj+KvDOpaVqHiK8upNQiFtPfTwRkiDOTGiKFC5IHOT0rS1j4laBoel6dqWpXU1haag222aa1lBdjnapXbkMcDAPrXTwzCaFJF/jUOAcjgjIyD0PtSA4Pxb8MbzxR4R0fQxrqwjTbi3uhdGyLtK8BzHld/wAo9euaqfEb7bq15oek6cbqXWLXU7a8a2htHFpMN53uzMOPLXc4O7g44OePSwvcjJIx0H9RSHLRsn3VIAIUkDr6A0AQ7gTlT8pAI4xkY6j2/wDr0ck8An+lOYYzzmhcblJ6df8A61AWKN1qFvZzWkM0qpLdyNFCuQS7BGc/+Oqx/Cn7jn0PfnofSuB8WeGvEB8TeGriLxRKsTahN5SNYq4tt1vKM5BGeCRzjrXb6fb3Nnp8cF5eDULpC3mXIiEe8k5+7k44wOvaixRdGGXmuI+MHhu78SeAb+2sF8+6t5Ir5bXtdCJwzQn2YZ/Kuy3FQMDNHmMGDLx/Pp2pgcLafFDT9Q1bwuIYf+JZ4gt2a2vd/wAqzjBEJGP7uRnI5XGO9dr95cdPbuK8U8ReEf7O1zV/CKH7JYa0TrPh6b+G1vkwzxL7Zw2Mjq1ejfDrxcfGPhW2vZ18rUoc2t/DnlLiM7ZB+YyOOQQe9MDo/utSsu5Tjk9cDqfp7+1LjLVV1LVLXRbC5v7+X7PZWkTTzS5xsRRlj+WfxxSAyrvxVYW/iPT/AA87GTUr6GSZYAu5BGhwWc9lJOAe54ryj4e6l4qs7HU4/CWmafq/hSHUJ4dOuL+8MDmNW5VBtO5Q+8Bu/pVJ7jVNYjnu482vi7x9MYLRejadpScKx9AqfMemXcele16HoNn4f0ex0vT4Rb2VnCsMUQJ+VVGOfUnGc+9MDjo/EXxH8zLeCbCZTwPK1iPPXsCtZnxS1S/u08C+HpRJpi+I9QWDU1imG5YhGHaEOP7xIGcfw16rtMZznnr0GK5/xp4QtPGulQ2txNJZ3NpOt1ZXseS1tMowGHse478UAZF18MdCnu9NltLSLSmtZy0ggUqssbI0ZEmD1+YYJ6HPrXj3gnXrK3+Beu2/l6qdRC3zi8hgnZVkjeQR/vk4BXaO/wDOvbbHSfFKzW76jrdjOtq29FtLZojO2CAZW3E7eQdoxnHXiuc0L4Z6r4f+F+qeE11Gzu5rtLlEnlLKqiYsWLDk8FuPX1oAueCtd07w78PPDc2o6jHatPZwStLd3LFpJWTLHLEnknPoKydP1abx18QvEumi/ubPRPDrQQJDp8xga5uJELM7yr8wC4wFU4PJJ6CqviJrPwX4D0nQNb+wy6vNZHSoLjaXijjEYV5ssuVAABIxk8DPOak0HwbfeGNT/t/wfHHq2m6pZwpc2d1IYpWeNdqTIxBGCvJB55HPNSwK/ii+13wXfado9pq807eJtSjtLK6vCJHsIQu6Y/7TYT5Sf7x9ObniXWNQ+Gl7oV82qXWs6Hf6lHp93b37LI6NJkRyqwUcZBB+i1b8TeD9d8XW2n6hMLSw1jSL9L7T7NWLxIAMPG8mACXHGccYPWq/iXw/rHxEm0a01HS/7F02xvo9SuXa4jke4ljJKRIEY4XJOS2Og4POGBNY65qPjrxd4g06x1JtG0nRJUsnlghjluLm4K7mbc6nCLwMAc561lz+PNXs9J8c6ZNcQp4k8LxfaluliBS6gMZeNthPBJUg4Jx19qv2Oh6j4F8X+Ib+y0+fVdG16Vbp1sgHntLgKA25c52H1HTv1rJu/Cuq3dn8QfEVzp0w1TxJY/YbPSYQJJYIliZIxIQSoZmOSOcDHrSAd4i8fa9o/wAJdL8SxX1jdapP9lMiPbjYfOZAVChuq7uvf2r0v+w9Z/6CVn/4L3/+LrxDxZ8OYn+DOk2tl4PmHiWP7EkiW9gxlVo2jMrNt4wNjEE9cV7P/wAJlp3/AFEf/AI/4UDPoyZiyFSePWoGkGAu7C08yqcBjjJxUTBJY5go+5TaMieymDKcnjPGTTLhg1w3PQUzckMMPyHJ71FdXA3YYbOcZPGaBFiGT5eTS+aisTuH41QN0DI4UZVepqK+Vm8gRnIc8n0pAabzBlPziqtvJ+9ODnFRybPICn/WY4AqezjCpyvPegCwsm4ccU2ZgEPPajaI1OOvWs+S6nN4sTKu0gkc0ARriSN2ZgEXrTGk3MPLb5MdabcM0lrKqhQvrTIcxwwiUAgj5SKlgTStuUHdnFQi4VZn5OwjFSMDIrgLhR/FVaP91bo23cXI5pAWoVCQ8nvnrmnswaPCnj1pjIY+3yemarTOfsMjRHPOBQBbPzAA0fdz6VTa7aPylaM8qPm7Zq7YypdxkgYKnDA9qCRVbHelO5skVHOoS8RAcjGTTftSK7ZyAKBDplZY8557ClVjGoBbJ65pPMBkIb5QBnOe3rTZH3W5YjqQBz1HrQUTW8xkY9qdO7bgM4qm1wLHDMhIYgcU66vkPYjHWgBsagSuSxqWNi77Vas6+kkia22/NFM20nv0p8mYBKhDIyjijUC2srR5Rmyc8H1pzSSbcBgD+dV7VkjSIu2WYd+5qXzI/vngY59j6UDJRM7kA9fYUplbGc4xVVCz3AwxXjpUu4eWzZJ5xQASyk4JPepNzyDk44qCRQ6qQc8+lSiQDI644oJFWQhR3rl/jD4Hm+JHwx1/w7ayeXeXcANuScAyo6sin2JAH457V1EeGUgdakkbEY9jn26H/GqEeXaN8XLHTfBNtHqFleQ+I7W1FtJosdrIZ5ZUGzany7Tlhw2eRn0qz8AvBuofDf4V6TomqhRqQeW6uAvRHkbcU+o4z7mu+W5ZpPL37jt+Xnp7g9R+dO+Rh8vOffp7UXAVpu2agWTy2YnvipfLwPeqc0hRnIIyg3VIy+Jaa0gXknFV4rnz4lkx94U/O4Y7/Sgof55JGBmmtOOaFVlOMVFMnzYxQA9Zgfal84P2xULJtXOKYG8nJJ46UCKuveILLw3ptxqOo3cdlYwDdJNK2ABkH6k8dq4Sy+I3h3QYTO2m6hoFpqV15onutPlhjuJ5WC5yRjcxK/pWF+0o2bX4fNdoz6Ivie1bURjMezkLvHcZJ9q9P1+PT9WhubLVislhIyvcLIdqcEMrk8DghMc9cY6GqQjP1z4h6H4d1B9Nur0tqSLvktreJpWiU9GcKDtU+p/KtHR9esPEVnHe6bdx3tpJwk0RypPcH0I5yDz09a8n/Zrknk0XxjqGoFv+EgfxLdC/kJ/eKFKlFJ/ugHgZ6cYrk9W1vU/BvjL47xaGTFb2mkQ6jDHEmEhvWgJdlX/dLN05K0xHut1498N218tjNrljDebthiknUENnG0nPXp+dad9rFjpOz7de29mGzt8+VVyB/XkfmK4T4WeGdKuPg/4c0ua2hurLUtMhkvVlUMbmWVA0juwGWb5jz2x+fhOoalceIf2Uc6iov7nSvEEenWk8yKzyQpeKEXJHPyEL77RmpYH1s+oWsccbm5hVHXepZwMrjr+YqbIYAg9Rkcg5GeDwe9fPfxwvrTXJfANpJ4XvtNUeJrONJLyyWKMwEtujDehI6f7I9a94hXyxsQeWi/Kq4wAASAB7U0UXOcVE3oaa0h6A1CzOxGDSYyXco4BpeBg5qpJlWBqbzDtGKAHSyqKRegPY1V3NLuyKXz9oCg9O1MCV5NrelMMxfrUDOWbOadu96AJg3pxSE+vNQeZijzw3HSmBJtFLtB9qb9KOeaAE2gUhGaM9aXtQA1vlXpUbIDUv3sio8YJ70AN2hQcUzHyk1I33aj25GM0AMALHGcfmf5UzIJ2/ez0OQPw5PX2NNvLyPT7K5upiVht4nmcrnO1QWOMewNeXfD1dd+JvhO18U3GvXWkXWrmSbT7Oz2fZ7SLcVVZFKkyH5ck5Xr2qkBpfE2DWdaMOk290NC8MyQNPq+uCTY6xAjdDHnG1iAct2HQGuZ8H+G4fiN/ZctvZnRPhppEqvpemqpifU5EJKzv/ABeXnBAzlskk9BXT/DjxFbfFbwPdx61YQzyxXEum6hbNkxtLEwB/A/K3/AiK9AVQgRY1WJFAVUjACgAYAA7ccfQCgCu2m20wxPZ20mecPCp/n06UlrY2uls8ltaRWyfff7NAqFtoJGdo57/nV7j/AOuetN8tWPPP4D/D6VN9QPGrPwFN4w8C2bWK3Gj+LNHv7u4066nhaIhnuZJAjZxlHVxnnjIrb+Hvgy18T/CvRbHxdo6XEm+a4lsp8qI5TPKexBGMn68HvXpLBixJOT/tc/5//VUgyxZicljnn6Af0oZRwDfAHwEzMYtANuT/ABQ3twh/R6avwD8KRkGJtatv+uOrzD+ZNeibtval3E+1Azzh/gdpn/Lv4n8WW4z90au5A/MVw8vwtnt/jbb2dr4z8QwyN4d+0i+kmSa4wLkLs3MuNvfp3r6A3befzrgLqFl/aA0twp58KSqTjjIvF4+uOapANg+F/iWFQIfihrG0nJWWwt2zz06e1UfjZZXel/s8+KbW91BtVvY7FUe9MIiMpM6YO1T7jjPavU9u7v0J9qzfEvhjTvGWhzaTqqSXGnTkGaBJWQPjpnB55pAeNfFWHxKvh3wL/abaW1sfEWlE/YWmM2c8E5XB46nJr3dSXZyf4ju3ep6Z/SuZ1f4baLr+j6Zpd6169ppsqT2ojudjJIn3GLAfMV5xn1rqoo/LjVNzPtAG5zlj7k+tIA9BTCMN0qXOO1BxnpQUiBo8nrTQo6Gp15Y01kGc1QELKyk4OB24/wA9s/nUXlBRheBUz9aXb70AVtuRTAuwkjrjirOzmo5F2+9SwOS+I3hGXxl4Zlgs38nVrNxe6bMpw0dwgJHP91huU/7wrk/CvxY8CQ20l3d39l4f1m+Ky6lbTgxyeeBtbcDgZ47f1r1baSOOD/8AXB/mBVa60u0vGeSeytZ5mOWkkt42JPcnK8mmSctD8XPBFwQI/FWlM3YfaVH9aq+JvEPgnxdo8un6jrumzabKyvKv22MBgjByGG7JXCnI7gYrpZPCeiXDZm0PS3P+1ZRH/wBlrPuPh34WuS/m+GdJYsME/Y0GR+Apgcl8MbeTxVqOpeObqBoU1IfZdJtpVwbfT0J2nHYyMN5HoEr0gRlcf5OKckSwxqiKqIoCqqqAAAAAAB2AGPoBSjOfWgojcHPJpm3Bzmpn+am7aAImO4BSOPqaj9QST24OP1qZl70zZub0oAheRgCCAwYbTuyQRnofX8aby2SeSepYdf8AP9KsMo6daiYYzUgRBOSQSOwPcD09P0prx7+ueKkp2c9sUAVpI+2Mg/wnpn1poXaOOMdOBx7Z64q0yUxloAgX72e/97v+f4fzqb7VP/eT/v2KbtwaWgo9y8tppEHlFcN6VD9nm8q6URsrscLV3zJCc7MUvmM3GAKtmBS8mVYYEdW3A4aoZNPdbppTlwCNuW6VpfvHUhcY6Uxo5FABI/DvUAU7i2uGyDsw3cUPZlli5HyHJqwY7juygduKVY35zj8KAK62Ya4R8cAdM1LGhXJIxzTmQ7Tg7TTNjqPvCgBsgfcNvTnNU7iCU3CyKAcAjJNW2jc/xVBuMhKq3I6g0gKq2M5hkUbSDyBUK2c0uzzGChOiitBUmU7iRj0AprwytyOM/hSEVlgkRZBnIaopbCVraGNTt2nO6tBYmC88nvSCORuMj8aQFC7tJ7iQDcAo/hB6077HItuUwOv8NXjDIDnAz601T8zAnnvQIga1kjxhQ424+bp9aXTbMWcBQEncSxLcnJqwFLDIJYUoWTp0H0oEU7iCU3yuBhQMZzUU0MtwfJ8obC3LZ7VoyKVyWOBTQrLyvpwaYFK+tl2R7P4TtPuPSpJI9tuqqu7B7GrLRPJgbQVHUU1ITCTxgHnrSAq6lA80cPlxsxVwSBxTbiOX5l8jIbOG9KvqxVuOTjHPNNYyMoG0FfT1oAy2sJJJrRWRiIW3lh06dMVPdQy3MzBUIVe5H+fSriZ+6Rg5yKcrsuQMCgDKuLWRvIAiLlGzle1PjtXMe4rnDcf41qLNt+bG09OtJvfJ2pkd6Cij5ZlvQ+DjbjIFQxyH7HKrK2Qxx8vpWouQ2QCPbFMaRhkbGx9KBGer7fIDDAbk8dKhhm5nJGeeK1DMOflYfhSxsvPykD6UCM61uGN8kW3cpXdu6Yq3dTxWsJMxATv/AIVPtXdnHOMZqOaKORQsiB0X1FAzCtZlmuBldoIbac9BxUxaOBUjjctIT0rXWODcH8tQw4BApq29vHI0ixjzG70BYpbmkcgfSszUtsMjNF80gU7hnt610Dxx7cgYNQtZ20khLJywwTnqKBmVA4CW/PykcYq3GreYzDkdhU5sbdMKi8L09qcEWJeOOc0DKschnmyrcL1qW4IWEt3qvuFrMdiFg5zx2qxcW63FuULbSehB6UElKOY7huPGM81BNN5kIb+Hf0q1/Z/I/enAGOKryaXvjVBKw2tmgRR1zSbLxFpN7peqWsd9YXKFJYJRww/mCPUGub0/4W6Vp0lqn2zVL+ygPmQ2F9d+bAhBBUbdoLBcDAJOMV2yabJuJEuAeuRTpNPZWDKw4GD70agcjefD61m1681nStQu/D+pXgX7Y1kqNHcFQQrsjKQHH94dah8P+DNK8Ii5sbW3e9m1IvLf3V2A8t47DDeY3dSCRt7Z4rso7cqTnkmqt5Ys1zFKiqQoIbJwaaGeZWvgrVfCto2h6J4im0zQ8OYopbfzZrVHJJjjk3DC8kDjiq3iT4Txa78M9M8HaLdx6NpVnNFLuliMryGNt4J5HzM/JP0r1D+y3e/3lcqE2/X3qaTT2dlz90dccdKAseZ/EXwXqnjKDQfJvNPgbS9Vh1OeNkbEkkYOFAA/2ick8enNd9bXz7kSUfvWUM+37ucc4qxDaPGSTkBmyTk8n1qnBbz/AGiV5eDuwv0pgXo5llJ29PWnK21iKgjypCqp69ammjYyE4xgUhorzSAsMmmQ3AZ9gODUXmk/KRyTUiQf6YGxgYpiZLsaNST3qq3+uC9z3rTZdy4qhs/0pgRyOlA0RXUwt0LN0H60iz7kDYIGM1BeAXl8kIY4UFmWp4YyqFD164Pp2pDI2uE8vd1GcVJHtPzHgVUuonjhUAcFxmpbqQqoQDqcf/XpgXomBXPaiSYKDmq0Mm07ecAcVHJN5iMMMpx3FMCdLpJBweaf5nHHI+tYslzLBDD5YBZ32nNXpZJNrMMYUdqQF0NTc5JNUVud2MHjbnOf0qRbpdvzMFbHCk0AWGYDjNN3AZ5rPmufMYqvJUZP404SHyVb35oAnuLeG6t57e4G+3mjaKRecsrDaVGAeSCa8y8E6Xr3ws8Pjw4miXXiC3sJH/s27sWQRyxltyrJuYFCN2D19q9NZvlLKeQOOo/lVDzAULkFh93BwePy/nVIRzHwm8CXHgPwzPb3skcuqX97NqN6Is7UllbJQf7oCjNdyrAKMjmqy3AVV3Hg9frUU18iTBMkn27UmMv7valVhnpzUStlAe31qG4uNu3Y2GzikBb3BuRUn8NU0my2D27VKlwrttzg0wJl5p24CoxKvAHWq0l0UVyO1BRbLFsAfUfUc/ljOa4rSviINflm1PQvDd5rWlRStbDV4zGnnBWBkEIZgzLuB54ziui1e3n1Xw/qdpC2ye6spoYWBI2yNGwXkcg5/wAO9cL+z7rFlD8KdBsmnjsdQ0iBra8hlYRvayIxLZB+Yc/NyOjHGaYXNy2+Kmm31noJsbS9vtT1i2+1W2l26K04iGRvk5wi5BGT3ra8N+L7XxBc3tkkNxZ6rZuFn026UJcJuGVOM4IPse1eb+E7i1tfj1rt2qeVY6xoVs2lsVZVmjRyJEjB/hLfPgDpz3o8VLeah8fkOjSf6RZeE7hb1o+cOzN9nV8/x56A4JA7Uxnd3HxO0C3mvFSa5vIrF/LvLqztJJoLdh1VpFGMjjOPf0q3rXxE8PeHdKtdR1DUo4bG72i3uFVnjkLfdGQDjPOMjqK479mswJ8HPDdtKEDIky3kchBzJ5r+ajg/xHknjoBzXk1vJfSfs523luz2S+NI49NWZsKbcXYKcjPyZyM88CpJdz6N1H4geHtHurG3vdTjtJ75Va2jmVlaUHpgEcnHOK6I4JIzyvUZB/lXiXjW41y4+J/wuGr2ljaH+0bple1ujNubyDnOVXAzyBz07V7MrhstknJ7kn+f+eaZa2JRxnjNOxuB7VEZQOM07cNv3s0xjWqL+IVJ1PBzUbfLz6UEg+Fxg0371RmQMM547U+M9ycVICfd4pc9abIwVqA3B9KAEbtSFQ3tQzU0sNuaCkI2FplBak3D1pgM2n60qj1pu/0oL9OtMBSoqFh81Tc8Gmt1qQIu9RyipzUbDNAEKjrS7aXGKKAGs1IKUikoAbjml2igfe4p20+lAHtg1T5mCQSOo/ixTpJxIyLggsM/SqkJIjfHHzNUqf8AH1H/ALhq5GQ5boQxkhd2DipFvj5mzZ1Gc1Av/Hu3+9Ug/wBd+FZgPt7n7RuJUDBx1qXpms/Tf+Wn+/V7+99KYFaa5YThFXPGartcTGZlK4GM5p+f9PH+5TWJ8zr2oASG6ZuMdc/hTI2Fv5r4yfWorf7351I3+pm+lSyWRvezIiMI1YseMmo47y5e4kR4Qu0Z3A/0pW/1cP1FK3/H3L9KQhy3kwXoCx7Yp4u3ExRsBgM9Khl/49VPfIpZP+Pr/gNAEy3ju68ZGccUwyDzZgODjFMXjbjj5qbHzNPn0/oaAHWt2bWxQn5yTn86tpfCS4WPHbOazbXnTYs8/wD66t2//H5/2zP9KAI9Uv8Ay4mR49rZG3nOR61oQrlQDwABisTVPmm55+Ufzrdj/wBWP89qpAKy7VOOe1Zd5dlY33KwIbFajfw/Ws26A+0Px60mAvnLHcrGAclN2aIdTEjSqiMyxttLe9Qt/wAhCD/cP9KWy4gusf8APVv6UgLcsqNJCdp9c1W09Xa4umY7trZ2+mc1I3+tt6ktvlvJMcZ60AUtQk+0PbBcp+8wea1YumMH86x7r/j+T/rqv9a2Lf8Az+dADmbbz2qBr2IsV3NnHHHWpLrhGxxxVCz5uIc88N/SgC00kax72OB9aFuIQMbvm9MVjysfs4GePNP86kn+WXjjigDWEkTOAeM9OKAyMxUYJ7iqFuSYYieTup2m/wCvm/3qCkaDRAY7VA5j3lSeQM1akrA1Vit/b4OOT0/CgZoSspTKYb8aeFjPJPbiqcvyqccc0jfw/SpYupM67bggD5cZJzUN1IsMLyNyvFQ3DH7dFz/Af6VV1Fj9mnGeML/Omge5eZYyVBbb6DPWntAmRgfeHrWdJ/x+W34/yFSWzsbh8sTz60yS39n65NR+R82TnFXKa1AEBTbjHT3pjKGzk4HtTJGO9uajjY735oAcq7j7dqe1uG5HJp8X3KlWgpFLlJCpOTSHptqW4/1jHvUPegYx2wpGOBVZVVmyeTVhup+lV7P+L60EsXcC3A6U85bPFK33qctA0U2g2uCF5NSphMnG5qlbv9DVa3Y+vc0CZIsm5OnNQywCVt4HzAdasx96RvvLQNFCS3RX81VxJjafpSeXHuBJ+bGKsy/6yqw71SGMmtUmVQxPrmozZIsgcEkqOM1Yb7ppY/u0mSyvJEJJo2+7t9O9TSKJFIGKU/epklNDRmXGll9u19u1t3Sku45fMEattjf73erslQyfepMZB/ZxQfKcpjA9qkhsY1VPMG9h/Ealydq09vurSApNZ+XJI0ak7veormNo4RH0YkVo+lVZv+PgfUUAOEZWDb1OKzgkscP3c5bpWt2/GmmqQGVJHI0x3AlR0UCoGjkjmaXy2OccVtS/6wfSmt/WkwHQt/o4Zl28cjFZsjGR9yqQM8GtXPQdsVGijceO9ICpGflY5OfpSqwXa3INXWUYHFRlRnpVICJZArA7uc+lMba0cvPep5FG5OB1pNo8uXgUwKyzBZoI+rbSRnIHGOuDWVfeENA1rU/t15o1ld3WdxuLiFWkY/7RwM+n0NbRUeZEcDP0pQo82XigXUp6noen+IrGK31GzjuYoWzDyVaEgYGxlIKDHGBjil0Pw/p3heGSHSrRbMSN5kkoJeV3x95nYkt7ZzirsXCDHHNPfv8ASg0OUvvh3o19fX0qpe2S37brqLT7x7eOY45LKhAyec+uTUniP4f6R4n0Ww0q6E1jp1g8cttb6ewhRGjOU4wc7TyPcnrmunteWOeaJvvJ+NAHL694HtvEeraPqlxqOoLc6RIZLXy3XaGYYdmBXkkD2rqJLh/Ndk+715qFyRgDgZpW/wBUfpQBY+1FTGTjLDNI14+SQBVdfvRfQ0k3T8aALkdw653YBxmoGui7EdARTZfvt/uVXXt9KAJIXKQDcc8nFStcYXvgVGP9XRNxGce1ACzXgRQRk/hViKUtjJ3D6VlyE7hzURkYXjAMQMetAF+6uhA+7PyZwakMy7S3QdzWfcfNp7Z55FWx/wAev/ARQUhi3iupqNLxCBk43HFV4v8AGqtx91f96gDR+1Kr8nvT/trFuWAH0rNm+4frTj1X6UAaP2kMh2nJ+tCy4Xk5rLckbccdamsiWjGeeaALrzDdjpSeYqqTkEVTu/vGqwJ3J+NAGpvDLuyMfWopLhVbGay7hj5nU1KnO7PtQBoCQNjkUPkDPasxSfMWrVwx8nrQBJ5wQZpPtg9KrHv9BTaAP//Z)

**Молекулярная модификация бензилпенициллинов**

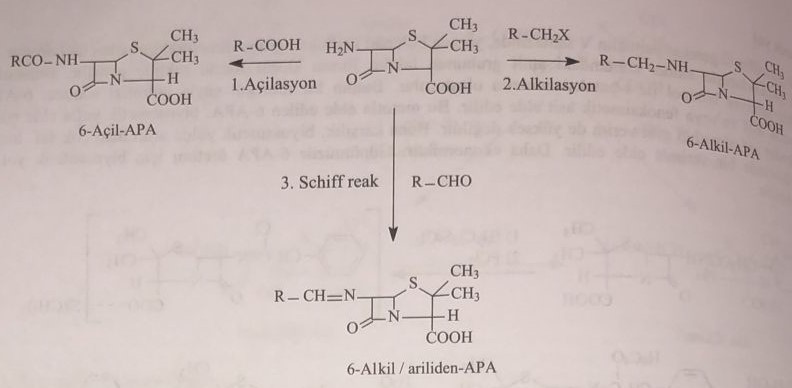
В качестве модели рассмотрен бензилпенициллин и получены его производные. Поэтому в молекуле бензилпенициллина замещение происходит по четырем основным функциональным группам: метиленовая в фенилуксусной кислоте, карбоксильная во втором положении, протон в пятом положении и 2,3-двойные связи в системе колец тиазола.

![Diagram, schematic

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4SgORXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjA4OjE1AAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAMwMAAAkpIAAgAAAAMwMAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NTowNAAyMDIzOjAyOjI2IDIzOjU1OjA0AAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAFmEAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAYwEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A9fuJoLWEyzyrHGCBuY45PAplzc29oge4lCKcgE+wLH9AT+FZmhHLqNjbJG0lwoEhAXqeSMjp04qZbi2dGZZ42VBuYhxgD1NICFNT0950hW6QyPkIM/ewQDg/iPrSHVtM3Mv223JU7TiQYB44z+IoAE1CzkRWE8YDDIDNtP5HmpftVsOPOiyM/wAY7daABrmCMoWcAOcDvk5x/MgfU017+2VS3mrtA3E9sYz/ACBNAEoOcEAHNNcnj5e9ACmm0wGOMjioCgHfqaAKF/qVnp7qt1MU3LuHyMcjIHYerDj3qSe8tYLdJZJAI5PuEAndxngDnoCaAK39p2gR3+0ZVHCFgpIycYGcYPUfnSm7gazjuTOoikUMjdNwIyMfhQBDHe2hSVxdR7YjhyTjbxnv7GgXEDvhZ0LbiuAe9ICwCCoG8Y9akjHowoGPVGGTmhepz1pjGNy4I60jUAMNMNADDTO1AHR39hHqFnJbSSOiPjJQjPBB759KgvNHgv7SK2uXkkWPPJxliUZcnj0Y/jQSVZfC9hOzGSS4bO0EFwR8oYDt/tN+dPh8NWEcU8e+dxPGsTGSTcdq9AM+lADY/CWlRSiRVmyDnmUn+Lf3/wBrmnweF9LtgfLWXqWAMh4J25x6fcUew6UAVx4V0+PZsWQAFdwLZ3AMGx+nfPBPrSy+FNLllZ3jly4IPz9Qe304pAWnsIIEgRpJFjVnbeeSGZw+Seg+YDrx2pZdLgILxMRIybA5AbjaV+vQ560AXE+SNVH8IAodjxxQAEjFNNADScVBJtb8KYFC90uy1BkNzF5hUYHzsMDIPY+qj8qJtKsZo4keAHyhiNtx3KMYwGznofWkBXbRbLyni8siN3WRlDnG5SCDjOOwqpLoVjc2Udu297dQPKAkPyjYFwD1xgfzoAr/APCIaUQcxy/N1+fkfLt/l/nrST+E9PnzvknyWLk7l5JYMc8eoH5UwGt4SsZrdoZZJjkFdytg7TjjnPdQc+pPY4q9pWhQaXdzTQvKfMGCHIwOnTA9hQM185prKDQMYFC0xz3oAZ1ppoAaaic47UAdRcTxW+wysVDuEBCkjJIAzjpkkDmopL+zhuWgluUSRIjMyscYQHBYn0zQSQx61psrMEvIjgr8275SWzgA9CflPT0oi1vS5o4WS9iJmKbF3fMd+NvHXvQAtxrem2ySF7uM+Xu3hDuIwCSOO/ynj2NOk1vSowCb+BsgkBXDZwMnp7UgFGs6YZNovIhldwYtgHnHX15H509tV01AGa/tgMZBMo9M+vpzQA6C9s7o4t7qGU4zhHDeh7fUfmKa1oI+bd/K9UxlT+Hb8MfjQBl/8JBBFrI0y7hlgkZRslKkxyMf4VOOe36j66hdM/x/98H/AAoAQsuP4/8Avg/4U3K9fmAHcqaABk460zy6YDPLA+lNKehoAjKccmqtkuLC39o1H6UgJdp9abt460ALsOetSbTjrTGAzSkGgY0jiozQAwioyDQA2o2oA6S6sIbzy/NaQeU29djlcHGO1Q3Oj2N3M808O6R0aNm3EEqwAI47cf1oJI5NB0y4lkklt97SHLZdufve/wDtN+dJD4b0mAwmK12+SQY/3rnbggjv6gH60APl8O6XO8jSWuTKxZ8SMNxIIPQ+hP5ml/4RvSS5f7L8xzk+a/OQQe/+0fzoAe/h7SpDl7Xd8pX/AFjYx+dVpvD+npbKrWUl1hiTh9pySTnqBxuOPSkBJbWWmafIZIrd4GYYJbfgcAdTx/Cv5VdWSGUfu5Uf/dbNAEKGOS43RsGVowQVOQeai1CcwRKkZ/eyHC+3+cgfUjtQISe3mW3dkubhnCkhQVyfpkU2O4W5095AVzsYNtOQDj+XcexFMY+e6ggz5sgXClyT2ABJJ/I/lSrIkq7kORkjP04NAiu17bArmZBubaMnqeP8R+YpLi5ht1DTSpGpzgscZwCT+gJ/CgZDJdIYpjBiaSNSdgbqeRj25BFUdAvW1HQ7W6aFoQ6/KjHJwDgH8cZ/GgC1dStFA7Jt8zB2g55P4c0y1n8+3jdvlkKKXQjBUkZwRk4PtSAr3d7NCZvJQPsi3KNpO5snI49MD86ls75p2aOSNkkUZPHBG4gfy/WmMu5pfxoGNaoyaAGE0xqAIzTCaAOmmuIYCgkcrvYIOO5OB9OSB+NQPqFkl39lefE3dSDxxu69OgJoJAanp23cL634OP8AWr14Pr7j86kGqWWMi6hxjr5g9M+vpQA1NZsJJZES5Q+WpZmB+UAbc/N0/iX86fJq1jFFLI1zEViI37WDFcnHIHuaQB/bFhvWMXcBZxuAEg5GM5/Lmj+1tP2bvt1tx1/erx+tAFY+IdNLzJ9pUtCAWA75z09eh6elKtzp+qAriOYoRgOoJGVVsjPsw5oApaVo2n6JeyJZtJl03MrSlsnPXHTPvirlxIIZ1umHyqNr8dB2b2xk59ifSgREuuae7lPPQYzySMfnTDEDaTyurK0is21WxtGOBx39ffNADLu3hlJjbzAJ4jC+G6rhuuef4jTo7WGBI1iDqqMSFVio5Oeg46mmMg/s6AJEqmQLENqDI4XKnb9PlHv70XOnwXcLW8xkZGOeXJIPtnpSAYthBFJK0bSI0rbnIbHOWPb/AHj+lV4oFRpI1lnCRsFRQ/AG0UwG2EkMiNKkomfeymQtuO3OQM/TacVT1wRmWzlXekwlWMSRtghWZQR05FIB893c2kLxwxqWjgzGEiJVm+bjjp0HHvVm11BpJGiljKyrknjjG4gfyoAiSfUBf5KO1t5pHVPu7VweufvbvfFQy3Gql7hIo58+aGiJEe0J3BOc469s9KYyG6uNemdzbKkao7gfIOQASvVuc/LyMYyfSia612O8kEVrHNbmRNpLBSFwu7v67v8A6/YAjNzrsdpFtgimmw2/fgH73y9GA5BH5H6VGdQ17yXxYwmcqzLH2GGwATuxkjB/A0AINQ1xmmX+z4soMqN3qTgZzz0H0z+btPvNXlm239lHDH5YIdGz83cYyaBnfXtjFeqiyO6hHDjYQDuByDnH+fpWPqltov28yXZZp5z5LKpxgMuz8sN+uaCSgqeFptrlsSM+PK25ZWyv8IHHO3ketKG8M3bNM3mqGyrksVC5YN9Oso6dN1AjSDeH9s8xlXZMjRSlt2CpRc/T5EU59AT60Wq+HJnaG2dC85QEAtkkBSOfoqH/APXQMtR+FtHjRUS2IVB8uHb0A9fYflTpNA0t41R7fKLuwN57sGPf1UH8KAKQ0LRFbdbWkkr/AHSUkbgcjBYnHfpn8Knt9EghdnUCHeux0Ri29QAoBLdeAO3HPPJyhGZ4fi0HT7qSz0mRZptp84qSzZB7noB7V0IJJ4jP50AIQ39w/nUcqO8ToExuUjr6igDPksTJe284RDGv3wQOeG/qR/nrZtkH2SH/AHB/KgCQrTCtAzMubx1v/saRgMygh2PchsYHfG3nkdRUVrYPEN8zytKx3MfMbGfp/n6DpQBHFpUFujpGkgDvvOJGXnaB2x6D8c1n6lagxlUVwBPEBuuZMn5lY9/TP5ZoAmhkSDOySNsNsO64Zvm9Oc1ZiuHkIIERXOCVcnH6UAWdxxgCnpIe60DIft1ufOPnRYhGZPmHyfX06H8qUXCOisroQwyuD1pgRSXcKOwZ0HlqGfJ+6DnBPtwfypouYndlR1Yr1wc/56UAL5hPakJbHSgDsMA1SudJsbqdZ54A8qkEMScjHSgRF/YWl7gfsiZD+YDk8NjAPXrTl0DS1ACWiAAgjBPUbff/AGV/75HpQBJFoenxiQfZkYSPuIYD0Ix9ME/maki0XToZUljs4kkQ5DAcg4A/kAPwoAvBajkSORCrorL3DDIpCIDcq/y26GYjuOEH/Av8M0nkSSnM8pxnhIztH4nqf0+lAxttYWlkJPs1vHF5jbn2DG41NgDtTAaaxdV1S5ttSsbC1tt73L/NMx+SNRyeBzkgHHQUAXNkZdkSd9y8lQ/3c1j32qXNrbWF1pVuL6zc7JFQ/MFxwwPtggg+vakI2gwdQykFSMgg9abTGNIGaYetAERrPmjjeYl5PLZJN6nIH8OO/wBTSArNY2Z6zk5G37w+5/d+n6+9LFDBbgrC4YvIGIyMk55PH1pgQ2uh2tpf3F3HJcmScAOHnY4x6HOe/rWgkKIc5k/GRiPyJoAqPpFq73jDev2uMxShSMYOenHXLMf+BGq0vhu0mkMrSzBsKMgr0XGO3sPy9KBleXwlYtE4ieRHaPZngg8kgkY5PzfoKWHwjp8EgcNI5ClQH2kDLbjgbev9KYFmw0S306YSQvISI/KAYjAGc9hWgelIZt6pqUemG2MikpNLsZ+dsY7knH+efSqV14iis9WuLWeE+VChYyKck8IcY/4H68AZoJKaeMbOWQlY3SLci5cqGDFnUgjP+zn6Ulr45tnSAyW7jfEhYLjKuQTg5IwOOM9cj1oAtjxpZGAzC3nwEDkfLkZRnx19F/PitjS9Tj1OCSZIpI1WQoN+MnH0PH0NIC4x6gEZx3qv9nR+bhzMcfdP3f8Avn/HNAE24eopMjPFADSwpjOM0AQT3CxRlzknoFHUnsBUcKmNWaQ7pXO5yOn0HsP89aAMqzs5YfEWp3bXO9LhI/3ezG3AIGDn6/nSaJp0OjJPZRO7Jv8ANXcxP3uv05B6e3egReiTymYI37tjkJj7p749vanl6BjC/Woy/FADN9RM47UARs2KaWFACBqN3vQAoalzmmMcOlIelADTUbDigZ1JCt1FBCA5OOaCA2p6CnAKBikMeAOvpS8UAHGKzoTeRXd2Xhd4iN0RLjOQT8oGcAHjnjvn1oEZ5i15LVI0kRpFZ90jFTvBZSp9sKX/ACFJpseupc7r2WMwnd8gIPUseuM/3B19aAKP9n+J3cmXUIwwJKlGx/dxkbcf3vXqOuM06407xFLcXD/2pGqMGESqdoXKvjjae5Xv/DQBWk07xIgkki1CJ2V3dFOGJznaOVAHYHGOM1NNpviRpx5WrxiIFfvIMnB5/h7j/IoAt6LBfQPOmpTpPcbUJdOmPm9hV25UJJFONoCtsfI/hbjj8dv4A0AVtT0yPUI4+EEkRLRuy5KnHBGCCOdp4PbFUpbCRLSzivL6F5IpflaZOJMqy4ILcnkn8KAKEul2sv2i4GqRFJJNvYplmcgNzyf3vHTotOisIrK4TU01CNojHgGTkMhEQznPJwnX/a9qALcl6jr5kN5biInbl1z8wOCM7h34qKO+WYAx31qwYZBEZ9M/3qBlfUXuprKWO01C2inK/JIU4U5Huf5VNaJcNYGK6uop59pVpIk2j06ZP9KAMyLQpotMhtGuo5DFOZQWj4IIPBGfVqZNomoSPIy6zNGXPYHIGWwPve4/KmBJb6LcQX4nGpzG3Dl/s+Wwcknk5yeo6+lboYUAhwYetLkUDGnGKjPpQM6luR8vWgLkAmgkcV5xnrRtbcACOfakA8hsjmnbWI5oAzp754tXjtGgfymVf3oXIJO7j2A2jnn7w6VDLqs8U9yv2UtGrosLEFQ2SVbcecAEdcdxQIppquqHTrm5eybzEk2xosbcjy93Tqfm4zStq2ofuwulybXm27sk4TzNpJ+XjgZ+hBzQBFZazqMtwEn0uZY3bIcqwCLsLYOV5wQB/wACHpVWfW9Y2Bo9JnVwSWTy2IIG3jOO5Lf98+9MCK51rXisvkaS6OuQimNmDYVznPpkIO3JNPm1nWIS/wDxLyVDuNzgjIB4A6dccc9SB7hAMe/8RrcYXSoiTgM45B+bHXI4wd34461rWjXN3p5+2wmKR9ysntkgevbFADUv4kmis57qH7YVGYgwDNx1C9cVFqUEEsUTXUvlLHKrq24Dkdgfz6ds0AZSaNYSLHZRXcjLC6O0YkBJ8vaFB46Davv70zU9E0k2NtBe3EsccEYhT5xkgAnnjk4U/rRcCqnh/RXu/KimlaaF/NIVhwSc88cjNV30TQbSERfaXRYiqH58kH7o7dct+Z+lFwLlv4bsPs8TBmfDCVXVuCQSV9eAGIHtVqx0uHTg4gZ9pAGGOe5P82NFxlkhiOtM2tQA+k2knrTAUIfWn7OOtAxCu4Uw5XimB1e4YOOTQG4xkUiRQTvAzTiSHHekMkDinBxQA7Ipp2MMEA49qAGswwaapGz2oAY7DbgUzeNvI6d6AGbwTmo5AG55oAacYzg8e9MZl2//AF6BGTqmkW+qKRO8ijbtG0D5c5Bxkd+PyFVtUOmxiH7XfNDNBh43MoDdDzt6Hjdzj19KAMwTaGss96t+6tKWaQZwQMruB2gEdB371Hex6Fqd8Wk1CVZWzEI1cemw4GCfbPrQAlnHoel3TTQ3z5dMuHOQVUbeeOgxj6j1q42jabewOoiLQs2doYgAhgT+qjP0oGaEcZhhWMFtqKFBJycCjDBepoAZkqMGkJJFADMtup+TQAoLYp+WxTGNUtt5GDTG3YpgdSMCnDbSJFBXP9aeCM/WkMcu0DNOGOtADgwPJ7UhP5UANOOwpm4AYoAaWHpTGx6cUAJkAcCm7jzxQIjbkdKjZR6UARsOMYzWbqOi2GpTB7q2EjiMxhtzD5T1HBoAh/sDT9hQ2o2nORvbnOPf/ZFQzeHNOkDj7NjeSWO4nOc56+u5uevJoAkk0ayfcWtUO4FTx2J3EfTPP1qxHCsEeyNdq5Jx7nk0AGGpp3YoGRlWJ5prA54oAYdwPWkAPrQA75vWpV6cmmMCaYelAHUgDHSlHWgQ7Ax0p4Ax0pCHgDHSnADHSgYYwKXAx0oAbTTQA09KaaAGHrTTQIYajpgMpjUgGGmGgYw96jamBH2pvagBjVGaQETUg6UAPU8U8Uxgaa1AH//ZAP/hMeRodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0b3JUb29sPldpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQ8L3htcDpDcmVhdG9yVG9vbD48eG1wOkNyZWF0ZURhdGU+MjAyMy0wMi0yNlQyMzo1NTowNDwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMAAwICAwICAwMDAwQDAwQFCAUFBAQFCgcHBggMCgwMCwoLCw0OEhANDhEOCwsQFhARExQVFRUMDxcYFhQYEhQVFP/bAEMBAwQEBQQFCQUFCRQNCw0UFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFP/AABEIAUoDWgMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTUWEHInEUMoGRoQgjQrHBFVLR8CQzYnKCCQoWFxgZGiUmJygpKjQ1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4eLj5OXm5+jp6vHy8/T19vf4+fr/xAAfAQADAQEBAQEBAQEBAAAAAAAAAQIDBAUGBwgJCgv/xAC1EQACAQIEBAMEBwUEBAABAncAAQIDEQQFITEGEkFRB2FxEyIygQgUQpGhscEJIzNS8BVictEKFiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/2gAMAwEAAhEDEQA/AP0F3GOKbjvxRtPkqD361ZaMMQSOaZKrcADiuI7St5Y8w5bHy9KQORGMkbat/Z1LbivzYxTTCoBXbxQBXkjxHlTketRlQSu0c/WrUi4jIAxRDFt5xQBUDcMDwRSxKAxwattGpz8ooWNV5AxQBW2KVznnNTDdtwD+lP2L6Uv8VAFaa4TckZbBPWphkoNh4p/koQMqDUqqOwxQBQnbayA8lv0qRZQig1ZaNT1UGk2L6UAVvODtn8qbbqrKx75q6sagfdH5ULGq5wMZqQIFb5QBSqu4HIqcKB0FGBSApvEyxn5gD2p0UYkUZxmrm1TyQCaZJ5UPzNgelUSUtuxgD35pI44mSQKMEnJ96nmdGjO2RCP72ah5S4QIBtYfNjnNSAk0SLHGRwc4NM8tFYsidueetWodkkeWwcGlkjG3MJAPdj2oAT7NHLGN3pUQgSJjjp0qaO6jMvlA5O3tUmFY4HWgCBlVkGBgdagmjQ7c/LVtmVuuMChREeuCaAK4VPN2upxipLe3jt93lqVB9zTJXk85jhPKXpzyaktZDLGWIwaAJVzik2inDjtTWb8KoAHHSmtQ7FY9w5xUKzGS2MuMCkBFNbCaTOOV6GmG0G9WLZYU6G4Z1yoyTSNcNC371dqnpSAsbaQqD1FODDaD2pu8ZPNUBXmjMw2g4qBbYeYCW+70qzNIIYyx6AZNUftxXYwXIY4FAGgFG2osmpN2V9DTMUwGkd6YenTmpR0owKAIctilANSMBTM0FDWU0gXOfWpOoprfLnFBJXkUjNVp5GjUYGSauSHNVLlGZkx0HWgoqyNuuFxwNvNVo0Ml5IG/u1c8gKcknntTHsl8wy73yRjGOKCSKaMeSUPQrt+nvTYJfJtAGbpxn6VJNaO648z5WGCuKcIdqhOCAMcigCu17C3BcYNRtdpEwG8MrdDnpVowhedqn/gIqvNCmCVRVJ74qQIjNNcMwjXC/wB/FSw24jAOdx/vVLH0xnNSHoKYELKPSoLi3k5aFsHutWT9KRiKZRnLdmHCTL5b9t3RqlWQdck5pbyNZUbeNwGcZ7cVVhtVkhR2ZuRwAaALW5V6g/WlbZxjiq/2XKjLsar3VvthJVyGA65oJLkjKnPWomkU4zUNras0Y3OScetJJaFcHefpQUVLmQx3SHLEAdM9aqySE3DHJ5GcZq3JA5vFYj5FGA3rVdrSWS4ZsKIypA9aAFF0VjAU84qzZlvJBZufWq8FgUViTubGOanRHEezG33oAnZtpPcAVmLK91NKTwiEAD8Ksy2z44l/SqywPas7ffVuaQFZpXklltxIfMUBg3tmp5LhrOPepLDOCKIrJ1kluG5ZxjHoKWWOSbbGqZBPzGpA0Y2yqn1GamVhVAxzKQsbKqDgkjJFSRxyqxZpF/KgY1pf3zAev9KLWQzbsOQQ2KWO3LTM7cgnt9KitY2tpH+XqxNUUWAzQyFi24Z5q+jLtBHOaznV7hgAMc5NW2EuAEwO1MCWabyVJJGMZAqpHJLJGJCMNgkr64qVoXkR1P3mHBqvHuW3wc7lytAFzTrxLy1SRfukfqDg/rVxcEZqha2jW9qFTqOmelPLXSrwqEfWgodcSfPsx8uM5qK2xNuYdO1NiYzM6yfK23Bx2qysaxoqqMDFAxw5HSlYAr70o6VGzGgCjew7dr4+tQ2+5flB47VekBkUgng1n3FuY2Uq3PagC/SUkfKj6Um480AI5qMuKRmLcGoivYUAPZs80zNDfKuO9NyaAFYAim7N3tilB65pMnAoAjpretKW7mjhqoB3G3J61EZfalY9ab2461IDWamY556Urccd6a2emaAGNjfx26UrMelMPWgt6jNAD2QYyTTPlprMT9KiwKCj6ENMqL7QFUjr71FHeZzmqOcq+J/FWk+C9Em1XXL+HS9PhB3T3DYB6cDjJPPQZzTfC/ibTvGvh3Tte0e4N5pWoRedbzmMxl0yRnaeRyDXkH7WXhvRNZ+EHinW7ywS41TT9NC2s8jMRD++U71XO0Nkn5sZ962/2Ybon9nrwCFGR/ZxA6DP71/zJoA9W3K3fFcR8TvjZ4T+DsenyeKLq6tY78ssDQ2kkwYrjIyoxk56e1dSxwz+vSvlv9vgzHwL4H+z7S/9uuwUlsMwhPB28gcjnFSB7f44+PHhT4c3GiQa42oQXGswrLZRLYyN5pOBsJA4b5l47Zr0JI5GUEJJ0B2vGVYZH8Q7Gvi79py58Yz+PPhK/iyy0e2jXWGa3bSJ5ZS+ZYC4k3IoGBtPHrXtXxv8RRWvizw3p994zvtGsrrzvM0HQoGk1HUZAfl8squUUcgnPY0EnffEr4g2nwv8H3fiPUNPvdRsrR4xPFp4VpUVm2h8MR8uSAa4af8AaZ0a2vvAMMuhaqsfjSOF9PnHl+WrPJsKN82cqSpPs1fO2n/EPxD4w/Zu+OOna3qV5qUWi3tvHaNqWWuIozcYKMcAk/IvXpiq/iy+k02y/ZZvYrWS8kt7NJlt7dQHmKzQnav+0elOwH3qB6ZcKTz93d2znBGO/wCNOjV9oJXpwWwcdPpXyf8AB3xRL44X4m+L9R8b6n4bvrG4uRFpN5cu0OjoR8kskRP7wZ3DHQbcY6Vy158RtR8P+PfhNeeHPFPiXVrXVLxbW+vtXZxZagTLEjNFG3AQB2GVA/ho5QPtj5io+XccdBx+PelCncM4C89s9Bn2rm/igviKXwD4lj8IOkHiCS3K2UsmBtYsCQM9G2Btuc/MQK+NbLxul54d1rTdU8Q+N/DHj7RdHvJprK81GURXs6RM6yK27CY2k7cYIBpAfWOi/GTStcvNJtINK1mJ9S1KfTI2lsjiN4vvO5z8qNkBSepBqDR/jZYap8ZL34cvo19a6pb273YupHjMLxbQyNwc8qw/OvmHx1468Qx/sq/CrxJF4i1aPWLnULm2uZ47ySNpVLTfe5+YqUUDOcV2WreH/wDhLv24tTsBqV9o0U+gxvJc6bKI5jGIEOwNj5cnrjnjrSA+s2A+Q9CwyAATn8Kx/FHizR/Benrf67qMOlWbSrAk1w2A0jZwg464BP0Br5B8EeJvijq3gH4neFPD+sahqus6PqscVvdTy77owebOkiIzHJY+WrDBzjdjjFeXfE7xbpvijS9GtY7zxLp+tWs6W2qaFrdxJcRo4U5ukZj8pJ3AjtuFAH314w+I+n+C9f8ADWlXVnqF1Lrtx9ngntoN8URyoBkJIwDvHTspq3D4q0XVPFlzodtqNvc6npyK13aLIN0W7GCw7DkH8RXzz8WtIufhf8VfhJaaNr/iGOx1PUFS6juNRlneRVlgAHLYGAxFZHwf+Htl4l/aQ+Kuk3uo6tH9jm3rNZ6m8crBpQP3jrgsADjHbp2pj3PZ9e+LWjaC/iWC403VJP7GuLeGVorUlJTN9woRyQMc49a9JVf9I2Rg7VXA+Xnp6V8ZeCfF2vX37NfxVv7zxFqk2p6PqkX2W6a8fzol3KpAfPTDNx+Irc8WeIPHKfDX4V+IQNY1jwiulrNrQ025ZLx33MQzSD5gCO/cqR1NQI+qoYzBCykNvLH26cknPQc04r5EZGfMXft3AFh+OK+Ntb8RXGg6Z4N8ceH/ABz4m1fwhda0bbU7W7uHWW1UMjiFueuwPk55wp713Hizxxr+i+H/AIofE3R9UvLjTZdQj0fQ4Z5vNt1YyLHNcqrZz85YL2607AfS+5PtQ4VSqZxkjj64pNw3r5ZY9zxg4/GvlXxX4o174T6P8KPFNr4i1fVm8TJHFq1veSmSKYSLE5ZR/BgSMF245VaxNEvvF2tWfxrePx3r0UXhJp2s4lmDKxV5SAzEZ4WPGB60WYH2Ey/6O2Pny3J5Ix35HT8aiyiqSsmGxkKxxkduo9K+S734neK9S8P/AAG1pddvo7jWbv7JqqRyAJcrFdpGGK44JVuf0r0rwX4j1qT9sDxx4ZuNWu7zQ7exa5t7G4YOkMjLA/y8ZABkYYpAeveKNe0zwjoFxrWs3f2OygUbnZcksxwFVRyzE4AA6msuD4iaVpHhu01LV4L7RftUzQ29leWzfapW64WJdzHII7cd65f9oIefdfC+wdcW934wsxMvZwiuQG9ear6tM1z+1xoMVwMW9r4XuLqxGOfOaUrI47ltuAT14oA9C8M+PNE8WTXdrp94w1CzwbmxuoXguIQeAWicBsH+8OM1X/4WHoknjhvB4uJh4hSE3D2rW0igRgBs7yu3GCRnOMiuE8axfZ/2pPh5cW2FurvRdQivXUf6yFAxjLDuN549xWb4hm1y3/akvDomn2l/cf8ACJRKyXt2YFEf2jlgQjZ9wcd6oD0LTPiLoeteINY0CxvJLvV9NVmurRLd90eDgc4xz255pfCXjDSfF1rew6ddSrc2EgjurO7hMM0JPILKex7HuCDXnXwj/te6+P3xSOtWdvZ37WGllooJvNQqFO0hu+VCn9K07iEWH7ViRxBUi1TwcWmVRgO8VyQrN6kDjPpigD1KzmXycrx3x6e1NvJ/M2qoyc+matpCgj2ooVD0A9PSljgWPGBQBG0Z8sAAdPWq/kyb88fnV/HrSbR6UwKV0uYmV/4hisxYnjMStjZu4rbmVZMAjmoJLdWZSwzjkVIAPbmg0+g42+9MBpX0pm7b15qQN2IzTZAM5xTAax3LkDFMyD0p5+7imqo2gUAI2V70wknvT2X3pmcelBQxlNMZcrU3WmtQBXMeDnvSAdeaex61DIOM0EkUk6xttJGc9Pamthm+9yelUZpMapGu3+A81NHIDPk9QtAEskqQxySSNshiXzJHIJ2qMls+gxznmvFdH/aS07xd8WLbwTpmi3ixy2k1yt/egwmXahZdkZ5KkD73AOc17MbjBUBsPng5AIyOoz+NfLWr6jayft0WEy3UMkR0EQErKrLuMLDacH0A796EB2uvftLR6bc+K30Tw5Nrmi+FWjTV9TW5VBGzOVby0xmTBDZxjG016/4d8QWPirQ7DV9Nm8+wvoluIJPVGGefft+FfF3gy6j8N/Cz9o7StVmFrqHnzfLJkO4cuikZHzZJ4AHAIx617v8Ass+JtNHwt0Dwub6I+JNLsPOvNNORJbrI7Om4HttdDVdAPaOckdz0rz3xX8YrTRfGaeEtJ0i98T+JWg+1S2GnlUFvF2Lu5A3HK8Z6EVY+IGs+P7bUbQeC9L0XUbExfv5NRumjdZd5wFA7bcfnXj3gEtpv7Y3xFgviIptUsFlsGf7skZ8g/I2OfkXjn+Bu9JbAeufD/wCLWkfE631SOwjnsdU0ydre/wBJuwBPavkrhsEgjIIBB6iubufj5plvqeq6Vo+j6v4pm0OLfqkukwo0dt7EsygtkNlRnpXn/wAFW+2ftV/FbU7R/N01GWGWdDuj87ehHPQnKyHHvVH9jGf7DofjuDUJFh1CDWHlvVmONqiMAs2e25X5PpTA9z1T4raVpPwzj8cNbXk2itBFdNGqL9oSKQ8EoSMYyM+9crrv7Q3h7TvhrpfjS4stWi0TUpmhik+zDeOoVmGTgMVOKm+Ol9Zal+zz4uvNMnjnsJtLDW0tsR5boZF27ccDP5V8vfEKx8Sr+x74du7jVdLl8O7rcxWEdowuE+aYIDKXwxBz/D3HXrQI+4vD2pJrGh6fqEUc1vHdwJOsdwu2RVZQQGHY4NaDLuO0Dcf1/CuEu/iBpXgHwv4fm1aG9+ySWdsXuLe2eZIlPlxlmYY/idQAASck9BWP+0da+MW+H+PBrzDUYrxGuo7NgtxNb4YMsR4OcgEkc7QSBUdSzufF3iaw8D+H7rW9WaVLC22iQwRPK4LMFHAHTLDntzmudv8A4uaBb+HvEusRC8ntvD8vlXyrbMGRhjOMgbgAQcj3r5O1L4nXMlv4a1Xwz4s8SQx3PiO3stR0fVLhn+xqQm+Es2fMBOTzyBj0rrvGmvaufHHx78Oz6rd3Wj2nhySa2tLh94hkkSMtt4zxuP4VViT6a8G+L9P8deFdN8Q6Y0n9nahGZojMNrhdxHzDHB4rbVi3ygEs33cjjp0znrXxJoviTxX8Mvhr8JPFNn4lvLmw1O8FlLokiIYBGZT8qDbkkjOSTncRXRan8QPFtr8UtV0DxR4n1jwXe3OqBdDmtoEbTmgLEbMbfmYqBhs9TRyjufTl94s0my0XUtXm1G3Onaarvd3EUgkWHZywbb37Y60aL4m07XtK0zUrG9hls9STzbRi4Vpl/wBlTya+Pfhfa6xb/Bn4o67B4l1C1Om3t60lmtvDJDcSLGpZpg6Hkg4x0GOKZ9q1jxR4y+AMj67Pa3eoac7JLbQwj7PIC4comAp3AZwVx6CjlEfXniDx94f8L372eq6tb6fcR2f26RZScrAG2GTGOmcfnW7b3C3EKNGySJIqyK8ZJBBGQQfQ18q/8JZ4gn8XfGHRNT1OHWJPDOhs1jfXVhb+acBXIfCEMp6Y6Z96pSfHvxja/Dr4dateXMljomoxzHU9bsdPWQxFZHVIwh+VQFVTnHNLlA+vlcZ67TnFN3feBboeK+WNE+L3jHS/iJ4Lt9Y8YabrXhHX4riaHUbSzjQOYwwVGYkbT/qyR1ySKtD42eOoNJ8G2jXlnJqHjXVGSwvZrNUFpYiQIkjKGG53DK/THSjlKPqGNscEY74qUgNnOP0r5F8bftCeOPBI8eaGb2zutU8MXVu8OotZYF3byFQVZAcKQHU5FdPp/wAYvH1j8RdG8N61c6NLFr3h5tVtZbe1K/ZpBCzjOW+Yfu2z/vfSjlYz6ShdWJwQKmXrnrXyPa/tMeMh8EdL8bKNLa7m119Mnh+ysEMe3IYDf8rYB+ua+t4CZMHAGRn5elBRKq7vzzSiFd2cDNGzpUsan1oATaBz3pjYUZxUrYGSTUMhBXk0FFK93ROssY6dRjqKnWTzFVhyDS43KQPTFVYZDasyN93tQMunjpULNzVdrqTcQu3b71C8s7NkbQtAFmRwF+lVo8TS7sYHai4mDbVXBc+9WFULgd/agBduOlMfC1LtNQz8UARtjOccUzjORTutG0dBQBG33s96b+FPYUnagBuB6U1qcxPNRnLVQDOG4xRjaMClIPSmNnmgBrN7UinuaXk8UjKakBrsrcVGaUL8xzSsM9KAIGzupedopWWms23tQA1u9MpxbcfSn+WKoD3NY9ikEVCIT83FaDc03pQYnmPxe+Gep/FLwrN4fg1/+xNLukaO/wBtiJ3kG9CoDFhs6HtXFaV+zHqun6L4W0eT4g3x0nw5dLc2dva2YhZlDltjsr5YHPcV9BsA2CQCR046UjfU+nWpAozxs00r7ThmJH4mvLfjd8BoPjdp+j29/rV5pdvpcsk8UVrbpJukZQocknIxyMdK9fHy8AADp0pvA6CgDyD4rfs/wfFvUvDF1q3iS8tZtBC/Z/s1tEQ0wZWaZgSR82xeBxx0q949+Adh498e6N4xXxDqmia/p1t9jW909UDSqcnJ3ZCnlunr7DHqKqFXAGB6Uv3jyaAPAof2P9BsdE8V6NZ+Ldcg0vxNNHNdwyRRPIdkhkGHbnuOTyav3H7KulXR8FmTxXrTP4SVV0srDCpjxKJAT8vJ+UL34X617cyhsggEHqO1L3z1Oc80XA8T8Vfsj+FPFnjHxFr0+satZnXiyXtpaeUsLphMAjbz80atn1z61B/wyR4dktdBSXxR4juLrQmX+zppp43FuoZXVEj24A3LnPXoOgAr3PA2gdgAPyp1F2Bh+O/CMHj7wve6LfXd3aQ3Rjf7RZyBJ0dH3BlPQHIBPvXEW/7OXhufxDf63r99qXinV7vTpNJNxqLRoEt2UqR+7C5bDHrnqT3r1ZM9OxOQvb8qUfLxj8O1BJ4LN+xn4Om8OWmhza54jfT7Wdri1je5QrDnO4KuMDJPUjPXnmuj1D9nfSrzxyPGA8Sa9Y+JUtYbP7dZTRKxVI/LfIK4+YHPTGTxivWcDrjvSZPKgkcAdfSgDyXT/wBmfwpovhVNDsb3VrOb+0BqcuqwXC/aprpcgO/GCOT27n1NUNc/ZH8HeLZNVvdcv9Z1XWdQcNLqsk6LIuAAAFVNp4AHI7V7Rz0z2xnv+dPBHHA46cUAeRap+zHomtXmiX1/4n8S3V1oziW0kubhJCkm9W3ncvfYgxjHy9OTnRuPgDoEnxGvfGNpqOsabqN+yveW1hd+VFcspUneQudp2jIB65xwa9NyXBzz9aSSVdhUgLx19aAPEr79lPwXND4gto9T1yz0zWnM8un290vkrKT8r8jJwc9fX2rTt/gJZaOlmNK8Y+INO+x2B01fLlhIlty7OEZChUkFzgkZ4HPArvvLSS0ZuGZn6hv9qru39+5zhQp74/lUAfNvjLwTo+neCbn4N+G/DWsT3F5Lb3sOqyx7rfzWk+eZ5OgKKhBX6V7d/wAKx8Or8OIPAdzbrLokFnHZFUPluWTB8wejFxuyDnJrckkf7CqFjsMnK7uCPpT3kEjMB8iqcksePwp3A820X9nLw7Y33hxtV1fVPENn4bIfSrG/2CK1y2QflH7zbtGM5xgVU0n9mfTNF07xhYx+J9WK+K026iZIoiQ3mF2ZBjvl1/GvUty+dPtyXKYyjYPT/wCvSxyLbrGYSqsW3E9SSetF2B5Pefst6Bd+BdA8Ly65qyroV411p94qx+bFuYO0e0D5l3AMD2rV8IfATTfBXxKm8aWviTV9R1O5ha3ulvlSTzwyAZZ8ZHzKjcYwBj1r0N9otmL8NnjHenNEGWPIALdRikB5x8etL1DU/DOjaxplrJe3HhnXbXWHtoly8sUZIlCj1AbNa2seGdF+LkOg+KNK1afTNU0yZ3sNVtY9zxB+HhljcDKnHI7HOKu+LfGGkeBZrJdXuriwhvA2zUDA5toj02PKARGTj+Igc11djMt1p0FxFL5sMihlmU7lfIz1HUH1oEcv4d+HkGjeKLrxLqOoXGu+IJofsi3UkKQrbw5yUiRSQATkk8k5PPaq6/Ddk+K7+Ov7ZcvJY/2YbD7IpQw53AB9wO7fls++K7UsGH+FQyOUUurbWGMED0oGcHpPgFvCvxD8TeNG1s3Mer26Q3Fq9sAsSRKPLKuG6gK2c/3vpXM6DcDxn8cr/wAW6epl0DStATR4b4KQlxcSSmWQR5HzBRgZHGTjtXqN1M7WpG/DfKPm56dOKkRj5K7nyqj5Vxwv0Hb8KALMLfKCV299vp7VE1zI2SF4qGOaQsAgBUcc1Z3rt+8uc8igBsNx5gbP3hStJiq0OwyOyngmlkjLZIOaoB81wI03Nxiqx1DplMhuBSEfIyycL39aq7cbDkkbuM1IGmDkDNLUaybhmng1QCs2KY3zcmldeM5qNThsUwF+97YpvbjinNjPSmsRQA3uc0zbT2pjGgA3BaaxNN3butDsBQA049Ka6jbxxSGX8qhkkKyDn8KAK01m7XQm3fKqYAxUf2dvPD54xgirbSBlGTjFR/Ke9AFd7aOQcqCO6noevX161w2qfBXwFJbTTf8ACIaSsoG4yeR85OeufXmvQGwe9V7pd0LrnOePwqQOU1b4V+Dte1BdQ1Hwxpd7eKFAuGh+ZwuNu/H38YAG7PStLT/AegadrV/rNrpFrbapfIsdzdRAq8irjap5xgYAwOwrdjXbGP1p/rVAU/7PgU/6vp0rnPFXwu8MeNJrefWNJjuLq3G2G8SR4pol67Q6MGx14z0JHSuspjd6CjktF8A6L4RsI7DQbCDS7IOZGSIMTJJz87MSSzcnknPNc/r3wR8H+JdcutSutKktry8iMd5Lp93JbfaRzxKqsA3Xv616X2/Wo2Xc2Tyam7JOH1b4aaJq3gqPwg8MkPh5YY7dbWGZk/dxkFVLZyQCorn9Q/Z98Lap4HsfCc/9pTeH9PlM0Nkt4xwecZOOQCSQM8V6oVPmdTSSKGC7lBO7AOM9genc9aoo8n8bfCybxH4f0nQrPV/sOn6esQDXUBnukkjZBHNE+5SHVVKjPrn0NdF4s8Faf8QYtO+3T6hp91pdwbq2utOnEM0U2NpboQTjg9e9dZNbiQKfusoA5Hp7fiaqtC0MUjHa7KpIbHzdKCTyfUP2bfA+oeG59Klj1Bmn1A6m+qC73Xf2jGN+7ZgH2xjv15ot/wBmnwzb3et38Wp619p1rTn028aa5EplR027tzITuyAfbHHFer2wUWoJG4FdzBvUjvSaa26FwAQM4H0qbso8s0b9mvw5pc2geZq2tappegTm503TLyWMwwuW3bjhQzHcM4ORTH/Zs0a9uNPXUvEOs6tpmn3zajb6VdPG0auW3YL7d2wH+HNev7fmyBg5zwKRkLfxY5zVXYHiMv7L+l2tp4ms9O8Ua1pmla87yXOnxCJolaT/AFhGeSCKdcfs06W+n+D4LbxJqdrf+Fy407UoIkMmxnL7ShBBxnqO3B717byB1NM2jnr+dF2B4vq37M+n6h4g1fVrbxXrGnvrNgthqQjjiLXQVFTcX/h3bVJGO5qtpP7Oup+HdDtNG0vxxcLp0VnNpxtptMWWKSB3aTJTfgyBnIDewr3LIBBHDDoRxjnPH5Uzyx0wD9Rk0XYHyh4w+Eegarpfhj4R6IuqTapo2qJcz6hNblY1t5UMlxKZPu9HACjncoHrXtfxF+DNh48s/D0ltOdE1Lw5Kk+lXEcIdIwuweWykj5MRpwDkY9zXorMzdSWz13c5/z+mBSeWevU5zk8nPrRdgeA+IP2Xf8AhKNN8UtqPiUT+IPE9zHJfaitoAoiiO5YokD8DO3OT0GPatif4D6n/wAJx4X8TT6/bOND0tdLa2ispENxEI2RyG3kAsHOM8AH1r2pVO3BJ/8A1HNNmiynAAP06/X1p3YHy7J+ydrE3gv/AIReDxvbw6KmqnUba2ewZvLkIwd7Z5wAAMep9K+qNLWcWdsLmSOa5ESCWSEHYzhQGK55xnOM9qy/s7RyRsMg7uo6itu3J/CkWTMhIHakY+WOTk024n8sAdah3mRuaAF+91qQLuGKNgPfmnL8v1oKGbdo96rzQiTqM1ZfPWo+dtAym1qn939TTfsijvirnWm7aokpx2aRSFlHPrU4THSpTximZNAxrMelRS5bqeanYDaarN8y4qRjFOVzTGkHOOtLuKnGOKqsTuOOBQBY3F2ob2plu3XPWlY8mgBD+tMyV+lP49KcTkYqgINxPNLtBAJpWXB603PTnigBAoHSmSMakbCrmoz8w5oYDGqNmK8DpUtMYDNQAh5XmmNTmbC8VA0hGT1FMBHwoHak3j1qvJIJO+D6VHs/zmqA+ipm2pkUm4eWGz061HJyuDTCC3yfw0GI6GYyZJ6U/wAxd22oEyqsOuKbwzbhwakCfzBsJ70ySQrjBxUUbb425A+tDAkCgC0GG33qvKzBhg05d1NdgfqKAJlOAM0eYC2KjbcwGDTVUrIMmgBZhJklWwBUsb/uwTUM0+Mg/LUuGkjG3igCKWR1uomQ/L3FXDKCvyn8apSL8yg1Ikm7K55FSBaSQ7fm5o8zd04piqY1BzmmtJ8x2jBpkknmDinmRag2Hywe9SNHvjXFMoa+WbGeKdxjnkelNxhsAc+tMHynBPNSSCwRDOI1APPSlkWNULYwTTwN3bIqNl6A0gI5LVJtoZAV60+OFRIQQPbI4qQMQ655FDfvJBgYoAkmtUUblVd3cgdazZod91FtUBAcmtJI3wdzZqGSEjb7UAK1vk7jjPpSImXyRnFTYPPpUDSbWOTj04oAddRwXlvJbXNvHc20ilZIZUDo4PUFTwfxrzub4YT+Ebhr7wBqv9hydX0O9Jl06Yd9o+9DznlSBkniu+WTd97Oak58vaCf5fj9fegDz3T/AItRWupwaR4tsZPCOsSttj+1MHs7r08mccEkY+VsGu8eSOaMFXypPGOR/n6GqWq6HY61YT2OpWNvqNnPxLb3KB0ceuD39+tcLJ4A1vwSrT+B9S86wHEnh3WpGa3J7CGY5aI47HI+g4oA9Ak2yKRIucH+7tpu5JMKOAK4vQ/itpmoakNG1iCbw14g4X+ztTAj8w46xyfdkX6EHmuzjASTB4yONykZ/GgAYOJCF2le3rTmjjbG7rT4sbsgY+vWodvzNnmgA+WJhtHBp8c21ju5FRFSuOKG+UA4oAWcJJnIqBkVucU+R9zDA4ppxjHegBVapPMAXHeoivcCm7WzmgCRpMgioVl+bk058lSPSqq53elAF3cCM5phkHTvUUg2rnNQqrEnsaALnmAr70zeNvPWoFc+nNDYzyapAOdtvPeopJOKc+WX1qByVHIpgQyfMRio7iTbMmPxqQ54NNaPewzQAxf3247sVDNI1vuGc+lWoY/JyMZBpk0O5W3DNADVP7rd3qFsyNnOVpZC8cOwDJNOSPYo9aQCx3AWYI33T0p8khVvQVHHEfOD45pH3ZI60wH+ZzR171CvC8imszDNAE7YC9aZuAXOarGQtTSrFeTx6VAEzTDnmuT+KGsXGl/DrxVdWsjwXUOlXMkNwn3o3WNiCD2Oa6QR7sjpiuQ+LEJk+Fvi9Dx/xKbo/lE+apAb/huaS48M6LPM7SzSWFu7u3VmMSkk+5NWmn2yY2989PaqHhGQzeE9BbHXTbU/+QUrTZPMcD0plETWasMgsoPJAp6qsagA8ClaQ5IqsD3J5pAT+YNxpTtZR61XZgp69abIxXBBzTAmdwvFLwe1V87wT0NJDcMFIK596AJZGC7jjpSxyeYuQMCoZsydKSOYqOVOKkCdmHAzyaehG05NVT80gYZx2prM+xgOgpgXiwU4zmnqytxWfbs8nJ6VajcDnrTAt7UCc/WlhYNnnFRrJvHApGbHQUFi8M2etOx6daiWTd9aljPPNUA+NeTmnM3pTWbOMU7+HmgodkbcVEVGOtPHrSZ7VIyIrj6Ugp7tximDjHrVCFZahZSOlWGbA4FRMcrmgZEzHbjvUJULznBqbb81K8fy0rAVRh2wOnrUDWrbiQeKuKgXvQzDoKQFNYzGTQwFWGXNRyKB2oAjXP4UjMO3WnNxURxuqgCWmfdHFSPjqRTeGHFADG+ZeajZ8U/nFM/nUgNDE0OO9LtNI3oaAISC2ajKn8KlLY6UjEdKAKsiDHSofLq0+OgqLaaAPoNkHXFM/DNSbhjJPFVdQuJbXT7yW0iW5vI4XeGBjjzJADsXPYE8VRiSqoXJ2lc9TihQqtlRn3xXy78Uvi18XPhLoXgzX9Yn0ie61u/+yT+G7e2y0XG4Ksm7LHGBx3cCvqB5Dz64BOB0OOR1NACMqf3eT6UpX1XbXHfFjxw/w/8AhtrmuQL52oxxCGxh27vNupGEcKAD1dh+Vee/sq/F/XPid4V8SWfiqSN/Eug6kbS4McQixGw+VivsyuPwqQPdUXg80LHweM/1/wAK8r8QftG+B/CnifU/DuqapcWmr2MTySQfZZD0Ut8uFO7jGMe+a4n/AIXzYeOfjF8PbXw/4vudN0fU1kLaZJp8ifb9zOoKyMmABsI6/wAPrVEn0ZJuXnafb5SAfQ5P41GyiWQbT8xP8PHHXuPSvmT9nP4magdQ+L03iXxLNdaV4cvhHHcag6ssCK84xwOchFH4V6P4d/aJ8Ia9rejaQl/f2Z1pHGm3F9A1vFeDhP3Mh4PJyPpUgertH8hyv3uV+Ug89MZ609WA6YP0r5Q+AHxduPDdt8X9T8VazqGq6P4c1VLaOS4/eyJEJZUyoGOoVa9Xk/aI8MWWl6FeSDU/N1qbyNNsXsXW5usAZZU67ecA56igD1hk3HpkgdufxpQo9F5/Gvmn4mftEadq95oFppmueIPBs0OrC3u1k0tmMrjbmFs4wcMPzr6F1zxBY+GdL1HU9VuRZ2FisktxOykiNF5JI65zxjNIo09oxj9T/IU3B7L+HI49f88V4+37Ufhe3srPUX0jxAdOu45J7S8+wERzrGCzlWyeihjz6VxUnxisdJ8F+HvHVz4y16Xw7eeIp7hdumA+ZCmf9EPOVTgnPU9c0yT6Zjj4JxlR1Pb88emacuFUAc++c596+V/EvxJn8J/tbafcRanq914futJF4dLhZ5t8sltIVCxA8DOw8cDJr1Pw7+0h4M8QeFdb1xrufT4NFdYb+2vItk8TElVCp1Yk8D6GgLHqe4dc80i4ZtoHP5n8BivDPF37UFro/hO6vrHw3rUd/NpxvdPe8sj5EinbtlYg8J8wOCcmud8TfHi78SfAu01G/XXvClxceVJLr1hp5NuWDkbUyxJDACoA+m0TgnGAOtDYXoM4H4D0rwLWv2g7/Rvih4O8MWVjdalpd1pkM9232YvdXrNDvRoQDjbhec981eb4mDx94/udJ03UNf8AD+q6FpF1cXejS2Kgybo12sct95fNRgOhoA9tZRJ1Xaw659e9RKu18/lXivgf9obwrp/wdg1nUNYv9Qi0+6GkPdXMAW5u7nbvACDgfL36YU1oeIv2jtF8MKZNW0DX9MVfLDefa4RPMBMZLdDwp6UAevMp6nmlZdyiuH1D4waPZ674a0gWt9LN4gtfttlMsQEYh+8WfPQhec9MVzl1+054Qt4bu/EWpT+HbS8FjPrsdsfsqSk4GDnkZxkjsaoD1llKjrxUYXPuK8n1L9pjwvZ+MJ/DaWerXN8IRcQfZbbzUuYym9WjIPKsuTzUVr+1J4Mn8A3PiyJNRfTbO9Wyu0+zHzbZm+6XXPQ8Yx3oA9daMcDFDgdhXn178dvDVjr3g/S50vo5fFUVvPpsxtyY2WUgAMc8EZGfeu7aY7lHT9aAH7B6UFe/foD3A9M+lIz5AIprXAC8VIGV4m8N6P4o08WOt6bbahanlUnUAp7o/VGz3GK4hPCvi7wCd/hu/Pi3RAc/2Jq8v+lxjriG4AIbHZZBnGOa9ElkMi8cHPNJJCrYJYnbgnHJx7e3tQB5J4y+P1jpPgHxHqWnRfZPE+k23m/2JrURik3B1zkA/MpBPzKTjHIrc+D3xi0T40eHRqOlHyb2EgXlgzbngbHQf3l7hh2Irx39p74ZfEz4m6iE07SNL1DRLRw1sIJUF2TsI5JO5eSeAQCMV8y+F7f4g/CbxXHrunaZqFheWE728ziBnhcoSHicLkY6U7ID9PFQMo57UkkY7nmvF/hT8bvEvxa0SS90zTdDtbmAlLizuLmZZYmJ4JGwjbjn8a7ttR8dNJzp/h9lPT/TJv8A43TA6aRQi7s05VV03Dn3rlri88ar/wAwvQXPouoSj/2nTY9Q8bmNl/sbRA3/AGEZP/jVAHVsM0wrxXMG+8bquBouinH/AFEpP/jVMGqeOMf8gDRT/wBxRv8A43QB1BVduDTfKBXjpXMnUvG+3P8Awjukt7LqZ/8AiKhGseNuQ3hjTR9NUH9VqQOnkj6Zo8vPauXXVvGzf8yvYDH/AFFV/wAKemqeM2Jz4Wsh9NVTH/oNUB0vlr06Gm+SPSsDT/E2qReItP0vWtEj0030U8sE8N4swJiCFlIA4yHrqH+Rip6qcHPtVgV9gAxio5oQw6VM2S1IflHNSBRaE7qe0W1R61O3zcimclqAIFUjk0NGGzkVO3XBpGwvTpQBVaMselRNDtbOKuKAc1G/egCLbim+X7VJg0ElRVAV3j7YpjJuXpU5+ZuaayjmpKKnk4PAo8vnpVjHOTSMBwRSAgaNeexrkfilAZfhn4vGeP7Ju/8A0SwNdk3euZ+I6hvh54qBHH9k3f8A6JenETE8BSGTwL4aLfe/su1B/CFBW55fzZFYXgAA+A/DDE8nSbQn/vwldBu+XigaIZlA6DrVfyBnGcVZ5B5oIGOlAFdoFHbPvTfKGOlWOPSmnHSgCAxKwyetLGuxcD+VTYwKbQBGy8U1Y+makPWlWoAY0an61E0ZTO0ZzVvjd0pw+9VAV7e32pnv3p8duFb734VOoFSbR06UwGxoeR2pvl7M56GplwnANNk+bg9KCyssY6gU9QaWnoR3oAQLT+3vS0Ac1RQ3DdqRsj61NxTJE3dKkZA3t1ppU5GetTiPk8UhA/GqAbz0qN+PpU2cdetRN81AEXf2pGbdSsCOBSN0xTAhkGPemds1I69xSMNw96gBm6mSc1Iy7abt4oAiKnqelQyLzkVYZuxphANUBAzHbikXj2qfAxUT1QEbZqLkGpzjFRMuWzUgAY01l3GnAEUrfd9qkCu0fzYpGXkCnnr6U1lG7PegCs+VJpu41KyjNN2j0oA93JJUjtVe4vYdPtZ7m5kWG1gjaeWRuioisxb8ACfoKveSPSmtbpJE8TxrJG42sjqGDDuCD1BHBHccVRifEK/tIeDPEXxBu/G/idL+/m0hng8NeH4rNykS/wDPeQkbTI55HJxx0Ir6h+Gvxb0r4pP4gj0+1vbebRpkgna8TaGZg33T3xt/Wuu/4RnR1YEaPpwKkEYs4+3T+GrcNpBb7/KgihMh3P5caruPqcDn8aAPAfjHeP8AEH4veB/h/pusR6bJp80mtXMzw+cpuEUfZ4dmRubq+3I4xXm/whkl+E/7XPi/RL/Uo9QtNeiImvorYwxfaztnUBMkA7mdcepFfYv2ODeXFtB5h5MnlLv7fxYz2x9OKd9liOSIIVfduDCJQQexBxwR7e3pUknylpslrcft3ahcXGya1XRzZiWWPzIvPFso2AngnO4c034qSabof7XfwreC3jsdL0m2VLn7NFtitjK8u1W28AkNnj196+rUt0zmSNHbO7cVGc8859eTzTvLCsSFXJOTkA5Oc5NUB+e2h+GdX8b+Bvj1Y6PBcXF5e6rDqkEfltm5tkuZi5XgZ+VlOOetdl4v834taP8AAvw54bhuv7T0OOF9SYxOBp6xrErbjgYO6Mke1fbMKLHtKoqsvAZVAOPTPp7VJH+7dmQbGIwSvBP1xUgfnJZ+BdX8UeGfi1qun3GoWNxaasusQ6a8beTqEP2h+o2/OQWXA6HBzmvU/G/izw38ctH8LHXbPW/BnibT7QtHq1tayCC2nBUeTgDJBKlgRjAAFfZqsUxtO0gYBHXHp9PamhmVuDj/AD/9egD89fE2peOPEvgf4enxbYXk+oWuuSXP2prRlkntkEI85wF67twDHnAHWvtf4sX2nSfDHxPcahpV1r2mXFsTJYWiES3EUjAfKPX5g34e9djulLZ3t2H3j2//AFU5S0bblO1s5ypxQB8S+EPC/iXS/FWp+E/BF7qWv+CbzQrzzY9QtmX7FLJDIoiBYDDb/LX5eoauL1Y6xefsraF4Mg8Naw2qabrTzXEjWThFU+YVwe5O/sONuK/Q+SR5vvuW+p7+v196bcNPPz5jZznr355/U0AfJVzqkmn/ALUnhPxhLp2pNoJ8OQQPfR2juI2e2kTBAGQQ2enrWX4S8Hv/AGb8UvFmveE9Yn8O+JtUjhhs4Idlx5TXDym4UDkbBg/8CNfZ8Pmx8+a2cdc0nmMr7gx3dM/l/gPyoYHxJpvgzxlcaZ4+8LeG21TXfA39kO9n/acZjdZN0ZEcYYZ4wwwOMjpWj4i1q+8Qfso6D4PtfDWuxaxYyQiWMafIFyjSnarAc8EV9nb5Jm3M7OQcjcScfSnK0qsTvbPrnnvz+tID5M8R2OpeGfi98I/Gz6Lqc+hW2gw2kxtrVpJInSKWNkK9QwLjgjnk5q5HPrHhH9p3xB4rn8M6vdWXiLREFlHbWxZ/MaKEBHweDuiweRjGK+qlkkEjMHbc2MnPXHrUsUhRCuSM+h6+lSB8L/DXwrZx/B+98MeMvDOuXNtca6bmSaztZPMsV8kIs2Mc5IcFR6n1ro/BPw88Y+NPAPxG8KahdXmp+HVh/wCKfu9TiaOaSVGLoF3DdjC4Oem419gsztjLtx2z9P8ACuQ+IXgefxxHYLD4i1LQmtTKrvYNgypKgTac98KeeozQB4T+zn4d1jx74A1DWtZAiv8A+x28L6M0mcRxqrq0oPYF2RSfSNq4HTtN13Tf2cdZ+Fs3hnUW8TyaqscEAtz5bp5sT79442hY2Gf9oCvsvRtBsfDOi2Gk6bbi2sLKIQwxeijPJ9SSST7k1e8yYLgO+MY4JI/H0qgPkX4a+D9R8HftIeHTqFlfS22l6HFp0upLbu0XmraENhgMEA5UVxuh+Bde1P4H/FPSo9Dvl1K81S21OC3lt2VjbrMWdlyP4c9BzzX3SZJDGFywXpgGlNzMxyZGznPWkB8Yahq15rHiL4H3/wDYGtWll4dgtba8nubR1+ZHiEjA8kgbe/r7GvruXzPMzg4yfr9K1VmlxlZWB9Qxz0xUewgDPNICrHLuXbimNuXgdKteX82cUbF9KAKj5WEkA5qHczbcq2T3rQZV6Ypm7HSgRnKhWU5zkn+tcx8M2ePT/EwViM+I9RJwevzrXcxqu4HHP/6q434doPsfiXA4PiTUf/QloGbMVlb2txK1vaQW8khG+SGJUZ8dNxA5/GrSrtOMZwAKmaOnbcc4oArc7uBRGzhizEALySxwAOuSewwDVjKg56HtivN/ixqF34gutP8Ah/pErQ32vK0l/PHy9pp6n98/HRnACLnuWIqhHQL8RvCZxnxLpee+btKkX4jeFX+74m0v6C6Ws7RvBfgS+tXXTNB0O7gtJXs3dbSN9rx/KQzEEkgg5PrWh/wrXwoCc+FtHyD/AM+EX/xNMYv/AAsLwvyT4h0sfW6TP86uafrNhrkBuNOvLfUIVbYWtZRJ8390kdOPWs2T4b+EppFVvC2jlvT7DHn6/drz/UG0b4c+J9L8Y+Hfs8HhPVJBomsR2QCwQTeYywz4HAKyAo31GaQHrytu5zuHY0snrTvL8tguMAcYpG5+lMDkvEEm34h+CCDgNDqgx2P7qGuo9u9ct4ij3fETwL6bNT/9FQ11A4bmgA55qI53ZNTswqPqooAZuPFDcUcUGgCJvmbJoX5jg0rLzSdKAEb5QcVEzDHvTmY4qN+2OtUAZprc5o3ClXuaAIec80M1Of8AOomqQDOfpTC3OKXdimso69DQAHnNc18RFJ8A+KVJ66Td/wDoh66JWxnnmvPPif4+0Oxg8Q+FrnUY4dZl0C4uoraVSvmo0cqAK2cE5VuOvAoA3Ph9J/xb/wALjOf+JTaD/wAgJXQZrzf4V+P9AvdJ8JeGY9Sil19tCtbprSM7mVFhjBLEcKckcGvRFy2Ce9ADmpvbHSndqiLcUAPz7Uxj8xoMhI96zPEmtL4c8N6trE0bTx6faTXbRJ96TYjMFH1x196ANFn5ppavMvBPivxf4jj8K6uy6Td6DrCGS5WzZjJYqYy6bmzgnOEI9Sa9K64yMe1BQ7rS0lOAqAAHqTSxyD0pNu9goJXdlfp05H5/pXlFv8TPFHi7SdV1zwbolje6PZTzQW0d5cMtxqDRHEhjAGFHDAZPJFUB60JD+FS7g2a82+KHxC1bwTo/hq6sdNt5ZtU1G30+WG8lZGgeUfKThe2GDfhjrU3iD4hapo3xS8LeGYtOtZLDWoLic3DyuJY1hAZ/l246MtMD0NSfwpWbmq0c52qW4A+/8pGPUc09WLEnOfTFBZLxim9cUnalz7UAP3Gn5qHdS7iaoCQtSq9R7c0vSpKHbsdKT1NG0GjbjocUDI25zUeae3BxUUnAzQSOyG61EzD8aNxpuOaoQdV5pm6n+uKiqShZGzzSZ+Xio2PPPSlLdhQMa65bNJgDOaXnHNNZs5oAYz+lRSHoe1POPSmvjb7VQERYc0zcaVl9KZ04xQAu4mk3UZ9qQtUgI3eo2Y0rtTWYUANakoLU3JoA+gqToeTUQuPXk1HJLudcCqMSyVpjY/Gm+bwT2qJZtyliaAJh0560M3HFVPtoZgMUv2rkjGKkCdpFFIJVbgc1U3jee+abCfL6UAX1YdqkUiqPnFGA6g1PDJuoJLVHFMDfL70HPHrQA/nHHSl/ChelANACbqcvSmsOaVelAD85wKUqF4pu72pysD1oAmhAxTtw70xW2jims3PTmgB7OF5pBJu5xzTBUkXekAu0tyeKhmbHGOKmZj36UxsN2oAYcFRxiuf8WeEX8TSWkkOv6poVxApVWsJFCyZOfmRgQ1dA3UUeay5H50wPP/8AhFviHo8irY+LtN1eJf8AljrGn+Sx/wCBxn+lMfxD4/0ll+3+C4dVjDfPLot8HOPZHANeh529OKYV3DOcUgPO1+NWi2cjJrema54cb+9qGnvs+m8DH610Gl/Ebwvr6507xBp9wSB+7Ey7+voWB/Sujd2KhSdyqcgHkflWBrPgnw34j3nVNA03UHbq0tsm8f8AAgM1IG4xH8LBh22nd/KmM2ODx+v615/J8FfD8LF9LudY8PS5yradqLqg/wCAuWB/KmN4I8b6T/yCvHwvVXpDrOnCQn2Lx4P6UAegt71E2N6gDuMjOScnt+Rrz5tW+JukjFx4Z0rXo+z6ZfmJz7hJFH5Zry/9oX4qaqvwvvQNJ8S+DtbtJ4rq3uTbN5RdWClTIhKnIY4ByCSOKaQpH0nHgbWzkf8A6q5D4csPs3iVO48Sah+rivl/4W/ttajZxpY+N7D7daq2z+1bFf3wHq0WBuPTOAOlfQXwQ8XaT4w0jxFqOlXaXcU2u3s6xoRvSNmBBZScjgU5RA9LK5peduDQueh6jjpSSfKMg8kdKkDP1zVrTQNGvdUv51trCzhaaeY/wKoyT+X6kV4imoaz4e8J3viBojF8RfH06waZaSdbK3IHlKfaKLMjerNg5rrPHH/Ff/EXT/BRP/Em0mKPWdcHTz/m/wBHt/8AdJVmbscAGtfSvC9/efEnWfFmtxqPs6fYNEhU7vLtsBpbj2aRiRjsABVDNzwj4RsfBPh2w0HTxm3s49jSsPmnc8vI57szZPPrW2rBc5pix7cZ/h4/z70Md3NMBGb51cdQQR+FeP6lodh4X8caj4W1OFf+EL+ICyeWmCI7bUQuJEHoZFAkX/bU4r17oormviL4PTx54RvdJ85re74uLG5UgG3uk5jkB7YOPzNAGB8I9cvltNQ8I607Sa/4YdbaSSU83VqQTBcH2KAA4/iBrvd3sR9eteQ+OG1jwtpvhf4lalbLaazpFulp4lto23LJZuQJGJH/ADzYBx/vkdOK6P8A4Xj4Cky48U2ZVuQS5z/IUAX/ABI234ieBTngpqY/8gxmun38YxXjniP40eCZ/H3gqaPxJZNDbDUDLJvwF3wxhM8dyCPwrvdB+JvhXxRqi6fpOvWV9euX8uGOVSz7Rk4H09qoDT1/xJpXhexF5rGoW+m25OxXuHChm9BzknnoBUWh+LNH8T2Nxd6TqdtfW1s3lSyRscRuBkhu445rzO62+Jf2qJbS7X7Rb6D4XiurGKUbkWaaUB5Qp43AcZxxXqnh/QdN0fVby6srBLSXVrhLi7MY2CdwoUE9idvXjnvSe4jJ0/4g+GtY0i+1ex1qzuNLst32i5WYFYuAefzrS0PxBpnifTY9R0i/h1GxkbCXFuSyMc4+U9xkH8q+b/g/r2s6f8HfGllYeFptT09tS1rfcx3EESc712lHcE7Rz07cV6j+zWwj/Z/8B8ABdMUvt4B/ePlj05NMD01iOfriopGPbJPOOM5PGB9TTGnU4wy8cfeFcl8XvEVz4V+FHi7WbA4vLPS55YJFP3X2FQQfUdakZfn8f+GI9WbTG8QadHfq/lG3a5Tdvz90Hpntt681o6lqdto1nLd6hcw2NrGcNcXLCONT2BOTnPTA5zXAfD34eeH774R+ErC702G8T7Jaam82zMrXPyS+YX+9ksD371g/EWYa9+0L8PvDuoqk+kw6dfaw1vINyTXCfIm8H723GcHjNUB6nomvad4lt3uNKv7e/hRijNBIGAb+63909etaRYfw/dPIz6V4hJCPCv7VHh+20xVtLXxH4euHv7WFQsbSQs2ybaOM8Yzjmva2Vm6KVHXHp7UMBJGwpOdo7t1AHIz7c1nWuuadqVpJd2uoWs1pEzCSaKUMiYGSGbouBjOfUVox4W5iBXhnUEEcHkdfXg18jfCu6b4U6k95drnwV4vv9S064SXHlWl7HcypDu7BHi2rz/EPaktdAPqL/hItK/s9b/8AtO0+wMdq3BuFEZcfw7+meufpTbzX9NtYLaaXUrSKG5G6CaSUBJRwcqc8jBH5ivnHXNPgb9hUFbaNzHo0E4URr/rPOXLY/vHJGe9XfiprcGtWvwqsZPC97psUPiTTYFkvrVViaPawKL7HaOOhwKFuI+jPu5U5B75r5P8A29vB32rQvC/iqBSHs7h9OuHTIbbIN8Zz2wyMP+B19Wbgqljxk4xgn88dK4P45+DZPHXwk8U6OkLtcPam4tflJPnxHzExj2Qj/gVF/eFZnz3+wT4SCf8ACY+J5E+fMekwSHrgASyEHv8A8sh+NfYKqDyRz3+teW/s1+CZfAvwX8OWNxbyRX1xG1/dKUIKySsWwc+i7B/wGvUB5kagNGwH+6ap7jHMKhbinFnbkK2O3yn/AAqKSTYu5vlQfeZgRj/AVA0Lx3rL8S6tb6H4d1XUryE3NpZ2j3E0QXczxgHcoXHzAjtXJap8UW1HUJdI8G2P/CSaqp2Sz7tllaH1ll9v7oOa6DwfpWsaVZz/ANuawNXvrqXe+yERwQjaB5aL3Uj1znJPego8e8NjS/DfxV8LxfD/AFSS48O+IFnfUdF3tLDZqIy6TKD/AKsliRjIGe1e9IzNu4GQdrd8N6cHg/WoLbTbPT3ke0s7a0aQYdoIFjLD0JAGRXHeIPAeq2urXWveDtTaw1if57jTrwmSxvcdQVzmN8cBhx7UtyTui2P5Yp2/jNeKeE/j3e6h8S18HeJvDx8OX8lu80e643jK4wN23DBgG2kE8qQRXe+KPiRpHhZobaQy6jqtxxb6Zp6iS5mPoACQB7nFKzKOsRmkYjLLkH5h2zwDntzXhfwR8YaR8OfhBLpviS6j07UfDk91Fd2k5xI370ujKp5fcHU5rufDem+LdV1eLW/EN5HpVtEH8jQrNfMQBuMzyfxNgDgcA+4zXTXvh3SdWuvtd9pNjeXOAPOnt0kYgdOSOeg6+1O4HmH7SU1tqPgfwcTcSwW134j0+RZlJDqjAlnHHBAK8nI5rN1bQbXwv+0B8OVXUdQvTLZ6mSuo3SzlWEYCheBgM3XucDHevZr7RdP1iONL/TrS9SMkotxAjhM8fLkcdB0p1x4f0u+ure7uNOtZ7u2XEEzwq0kW0gjaxGR36etO4HnfijxRq3h34geHrGLXYZf7S1NYzp32fEEVltbdulIyZcrkAHnNeqhtvHQ9x6e1cNr3gG/8Satbm/19bjRrfU01SC3+y4nQoQY4g/TYCM/Tg5Fdtuzknr35zzRcZMsnFPVhjk1CrBVyaj8wf3T1/CgotbhTgRuqBXXax6envUkbK3WqAmz6UU3d14JH+zTC3zCgdyZajYnmozceX2P17UeZu96kQtMkpd3U1H5qtn267RQAhFNake4XtTPM3c8gfSgBSxCim59aRpR2AIqNphQAsi7zweKVUFQtIO3BpFc460ASyNt4qImms3NJvG2goOtI3Sk39hSMfeqGNPeojT2b3qMnvQAZFRM2W9qVmpm7v3qQExmmtxmnK35UyRh1oAbk807aKj3ANS+cKoD3kxnkDqKRo3THGTUvnKqjPWmzXEaxlzuIHGFHNBiN2sRg1GYeCBT/ALRjIMcgAGSdhGB+NMW6LXAUL8hGd3tUgRLbuGyBUnkk9RVraWXI/DP4E/pmoRNnIVcqMAyHpyDjP1NBJB9nZWLAULbOygjg96mW5VmLbcKRkCi1uDOrMEOxTgnBNBQ0QHcKfDGQ5qYsF6dfSqsd4ymbeNu3pQSXRxR1qrDeeawB4B53UybUtmNse4ZxuzQBfVsClHr2qh9vJYKse5u4zUq3waH/AG89KALW5dwz0p1Z9xfQw3AikmhSbyzII2kAfABJOCemAeenFM0nXrHWopHsb23vEiba7W8gkAJxgcewP50Aaq0SfLk9sZqu11tI4xubAGaWaZtrBhxjii4FiNt449KX51cADNQWrbUADc4qlfeLtL0vUI9PutTtLXUptnlWssoWSTcSF2g9cnj/AICPWpA1ue4pwby/xqlHfPhy6YK5BX3pEvG+XeApbPU8Acc/WkBeLcEZpkkiw43N1qmrSLNOPmJzxuGAPbNQO7TNGGwG3c7elAGlwwB60jyCPr36U2PcWA6Cob3G1cnkNQBY8wMwA696a+NtV2mO4KMDjg96y77XrXSFU3t7b2gkcxxfaHC+a3Hyrk9eafMBrg5pGwqk45rG0nxnomu6nd6dp2rWV7qFmGNxawXAZ0CnaxIwOc8fjTPFni/R/CFilxrOrWmlwybo0e7kWPewAJxzycEUgNpG5JHGfSgqMev1rFm8VaVY30NnNqVpFcy27XQhkmVWMSgsXA3ZIwG5/wBmmaF4y0rxVZ3NxompWuqxW52SSW0gdUcjIUkewNAGyyjsO+Sa8s+N/wAEZvjVHp9pN4puNF0e1BZ7C1twwmlzkSMdwzjjjpwDjPNemLcyOpOwd8qe1LY3AnU5GMZ70wPnWx/YX8GxwxxXesatMUVVY2+2EPg5LEnPJyPyrd+AvwQ8L+C77W9W09buXUbPVr3TUkluyQ8abQNyDCk8nkjNe5bwJFwB1zXFfD2Z4bHxRuLHPiPUeCSf41qhHZGRVY84wecCo3uI2Xfu+UnbUDTHzCMDH0qlcXBkt2yNnzZFIDivipaz+F9TsviLpkTTy6VGbTWLWMc3dgSCTju8bHcD6bq7zTL601K0gvLOZLizmjDxTRn5XU8hh6gio45N2Yp1WSOVGUqwzuGOVOeMEFvzrzXwHcD4e+K77wFO2NOk333h2Zm4a3zmW1B7tFnIBydpA7Uxnre4HnOaRulYGreKrPQ7F7zUby30+2DbBJO4RS2CcAnqeKzbf4peGpWw3iHS8dP+PpR/WgR14GV61BIw5BG7g8Y/ACsvS/GGha1eC1sNasr26ZSwht51dto6nAOT+FZPxH8YnwP4Wl1CGH7VqN04s9MtOhubp/8AVIPb+Jj2CmgZzHjTPxL8cQ+DIX3aHpDpqPiCZTgSPnNvZ5H947ncDsFr0NtNsMYGnWYUAAA2seeOP7tcv8P/AAi/gXwzb2U0v2zV7pzealeEcz3LjLk+w+6AOAFFdM1xMrBWQY9zzUiOO8U6TYSePvAX+g2uwvqSsggQK2LdSMjGDg+tdnbWFnbBWt7S2t3C4DwwojD6EDI/CuH8UXUg8deBOAB52pHP/bsn9Aa7GOZ1RMc5HJqhnJeL/h3cap4w07xdoWpppPiSztXsWaeEyW9zAzbgkig5yDnBHrVrwR4f1vw5da3c6xryaxe6pdLcRKIGSCzVU2hEUnheFJPUnPrWtrGpSWOk392sSyS29vK8at3IQtg/7PFYvgPxFP4t8G+HdYu44ln1DTobl1j+6GdAxx7ZPSgRgfDn4Y6p4L+H/iDw5Jq9pey6lPdXENwkLBYnuAd4cZ5wSSMVp/D/AOHf/CJfC3TfBWqXcWo29pA1o81mXhMkOSQQQQQc+hrrAzKGPAbPXoad57N94bsflRcZwa/BHwnuC+Xq4GB/zFrnPT03Gukh8GaVH4NufDPk3E2kXEE1q8c87SSOsud/zMc5G4kZ6cVeaRDM8mMHGTSLcHYrkZUnFAHmll8M/Gul+HdL8L2XiuwGhafPGsd0sDi9e3jkVlibnb935cgdq3/iF8PpPFusaB4h0u9XS/EWhvJ9lnnjZoZYpB+8ilABPNdfNcM2/qwUevT0prSEhWA2nHYUAcV4Z8B3kXji98YeIL62vNbezGn2sFohWCygzltpbkliT+dS618I9H17VLrUJtR16Ga4cu8dtqsscanuAo4H4V1LMMBtoznIOOR+NTtIepY8jucmpuBjeE/DNp4HtHtbS4vLoSTeeDqV28zbgAMAkHjjvXDaT8FWvvhdrngvxHJa3MN/eXVzDNZhzsaSXzo2OR95HY5x2FejtDuui0nKHp+WP6mrUezPZm+lIDyXVPgzql1+zzD8Oor+ya9+ww6fLezFhCqK+8yYwSeQO3erfxE+GuveLvD/AIKt7abTYNQ0LUbfUrjznkMbvCMKqHYDg5bPHHFem3MnkqCEH5dPb6VXa6L9sHvVgYPizwVB4wkga51LVtPEClR/Zt2YVbJz8528mubb4L2LJ8ninxYB041I/wDxFd7HKHk2j7oOTU0wZ1JJyfekB4P4n+Hsmk/EHwZo0Pi/xOun6sL03Ae/y+YYQ67Ts4HPeusT4OwPGMeLvFo/7iAP/slVvHUx/wCFtfDsPxGq6pkDv/oy8V3q3xWNGKYDDOMYpgcWfgykeSvjLxWPTN6v/wARXHePvh6+k3/hGzm8U+INSstW1hbG7s7u9AV4zDK/8IVhyg6EV7JLqA+XgDJxyP5Vw/xVn3aj8PZBw6eJoBhgSAPIuPyOcH8aLgdtpel2eg6fDp+nWsVlYQj93bwxhF9c47k9cnkk5qz5wEgUdetBY+Xll2knGOTVNZVa4LfhUgXgfMwPSnMoG3ptDg8nAyATnPbHy/nVb7RtXK80xdQKggrj15wDSKPF9X+E8vjrxpZ6jrfhiLSIfIuE1TF2sgvJiQIWjKsGRl5bdgEZIHFc38E7fV/h74N0/wAVXFmfE+m6xD9pvtQhRm1Kz5I+bdzJGMdVxjGMcV3/AMRtf8UeHdS068sr62uhf6nb2lpoqW+WnhbAnLP13Ab2BHygAZ5p3wDuWt/g74SwQxS3OCp4yHYZFWSd3ofiLTPEumR6jpl3Hf2khwJIjk5zypPVSOOCK5fWvi9p+lza0LXTNU1yHRSyX8+mQedFAyqGZScjJA647GtfR/Dek6P4jutVsrX7Jc3oX7UsTFY5Np4crnbvOcdO1ebfs46lHbfDHURdkfa4NY1D+0PPYEq3mFjvz/s7evGBSA7/AMWfE3TPB/hrTNduLe9u7DUGgjha1h3FWlUNHuGeN2QKsax8QLXQ/Feg+Hri1vDf60WFq0UeUDLy6sf9kc159+0RdJcfDCxmsZYvL/tvS5LeVV3Rf67KMFGPlxjAHGBWf4qj8TWvxo+Fz67qFnd/v9RWJbS3eEr/AKOM5LE7uRjigo94WQZOM47Z4z9RTo3Vsjdlh2rzLxN8SNX8Ma5ZQyaRatpV1qEVhA/2g/apg4z5yxhdoQHIILDo2McV3a3AWRyvPvn/AD/n1qQLd9cS29rM8cJuJUjZkhQ4aRgCQgJ4BPqeK8T+HvxU8WeIvj94i8LeIILXSrOx01Z00+DDNGzPERlycltsn09q9ckvx5cpkBKIhZsAnj3Hevmzwr4pit/2qte8TTWOpW2kalYrYw3TWUgUzYhXkDlRlG56VS2LO3k+MHjJP2hfDHhPUNMtdI0bULWadLUSLLNMixylXZxwvMecDHoe9e7rJtzg5Hc18p/EDxJBN+014R8RQ2OpNoWj2rWF3eCxk2rIRcLn3X5xzXtnw/8AiVP47j1t20W50uPTrxreKS6yBcpjIdeBxgfrVdESYvxW1j4g6Pa+LdastU0/RNC0eyW4sQ1uJpLpwgLiQlvkG75R9VroPhT4+1Tx58LtJ8Q31nDbapdWryCJciN2BYI3XIDgKfxrx/4//EJrzxZp/hm80HWtS8MWey41FdOt2c3svDrHuAwIwNpPPUVveA/jsviDXdM0T/hErrSnn0+6voYN4BjhhZkRCmPlL7RjsBjFMRV8TfEj4ifD3UvCDaxPpupX2t3zW91oNrAS9vGGUbldTkjB5JGAc17lr/ibTfCmj3OqarexWNhbD55pOmSSAAO5+npXyx461JPHmveEdf8ACOhappPxEGpr9vXy3HlwggMJGb5SpwvTjBNd3+1R4T1nXPhbA1hbTX0unapBe3NvAPneNQwJ29wCR+dBZf8AiZ+0Ro6eFLuTwz4httM1S3uYUlm1Szl8uJGVyAVwcFsKAelc142+OGqXXxaTwfpuuJ4dsYbCOdr02LTGW4fadpBBwgBIyAOa5749+OdD+K3wZ1K48M6TeTzXN3aL9rWxKNcFRISmcZIQL3+XsOa0vB+pQ3n7VVlqUMUv2Kfw9FarcfZ2CGYRq+0krgHg9ec0EnoXwf8A2gtN+Klxf2BtzZalBcTRQIu5kmiQAiQtjCHH8J5rF8YfGG98A/tBwaLqusxQ+EbjSjfeVJAAyPghVDA7icqW/Gub/Zj1Q+EtU8XeE9Usr2DU7jWZ50jaJghTaASWIwOnr3FN+Jd9a6L+1R4e1bVrd5NJt9HaCaZoDLGHJl2nABGf8aAPYIvjB4RuvDMWvQa/aSadNIYI5A3zNIPvIF5Jb2FM074maH4i8La5q2japDdrp8UqyMuA0MqqcBlcqBk+p/hr5P8ACVxrPgHw4mp/2CY7LV/E8l1a395ZvP8AYYgoBlVAMgkDgkfw1jzaTrmu+G/i1p9pHeXN5c6hb6g6GB43uoFZw8gXA4O9Tt5JxQB798HPjhq/ijx1J4c8SX2myXM1itxZtpoDI5yd+9gcb1HYccGvWbz4jeHNN8UR+HLvVoIdckwVsefMIIDZHB6DNfPuj/Y/HH7QPgnXfDdix07StFxfzJbmNBIyOoTJADMAwGMcY9q3v2j49Q8O6z4M8faJYm6vtJuHspEiQkyI6sUDY9ywz7/Sgo9P/wCFzeDPs8s7eIbRUSY23L/M0ikZVR13DPIweKdcfGTwXB4dh11vEVl/ZU0pt1uQ2V8wAkqecjsOfSvFPEE138KY/h5pk2nwRapKstzeeILq1M/2e4clpVRFIySxxnjAAxXjTS7PgN4x0pxLJqD+JVuY7d4ijum0AsF7ZUEkdjQLmPsKT49fD6OaSMeLNN8xHVCplH3jnAH5Vr3HxL8MWupXNlca7ZxXdtGJponlC7EOApYk8A5B/CvJfi58OtG8UfBO+v8AQ9Mhi1CK3g1K3urWH55PKABBxwCUOfqDXMya1dXHwW1v4kaxoCa3qWuy2yW9nMCY47eL5IpCAQduVZuDyWUGgZ79oXxL8LeJWvE03XLS7ezj825VHwY0/vEH+HP8XTmsmb44eA7bIm8WabCMEgySgZUEAsM/eGT1FfMVrrenX3xU8V3WuXxutKvPDH2aS9061MO7Biwsa5OQMNxnnb74qbwr4Yu/Ekmu+AUex8UaPDorvpOtRW2ya1f5THAzY9QQfxqgPq8ePPDk15Y2iazZtd30P2m1h80bpo8btyjIyuB1z3qna/EzwpqF49pbeIdPlnVWLIsozwTnAzzjB6Z6V88fDO11z4mfCnXdZlt9l7puhPoGlbVJMnlrmR1/2j93/gPFc5ayQap4b+Cmm6VAy61pN2z3yCLZJBGjKZfMJ9VDHB69e9SB9O2vxi8EXiQtF4r0tlml8mPFyvzvkDb19/0q/wD8J1oBuL6A61YibTk8y8j85cxDcASeffNfErW+m/8ADPuvMsEP9rJ4qRoZGjHneWFHKnOQAvPFd3r2s2eh/Ev4ky36tFDrnhlUsX8okXEnlr93AIJOfzFAH1oLqOaFJYpFmjkAZXUggg9DxTPMPrWP4Yk2eG9JLDn7JFkc/wBwVo+Yey8VJR9HT5EecVm6hDdXmk6glrMtvdvbutvM4JEchVghI7/NjgVrOPlwazdZnu9M0fUrqytPt95b20k1va5IEsgRiqZA4JIxwe9UYHyD8QJte8HeJvAGgeHPH2o+JPibNqIj1aFbvfaqvfdFwqAEFcemTX2PLMv26fg4JI5r5E+K2j6z8eIfCA8N/D/UfD/juPUftOqXjWxto7ZSrbg0wA8z5vm59Mdzn6E+F/jLX/GP/CSjxB4ffRf7O1D7LZTNn/TYfnxNg4xnZngfxUMDwn9rPxBNoPxi+GBOvX+kaTqT7dTWK8kii8qOeMZwp/us/TrWZ4w8baf43/bE8B2nh7xDPeaFfCFry3tL2XymZPNZfk4x8qJn3B9TXT/tJeF9b8T/ABw+GV/p3h7UtW0nQHWa/kt7VpYyHuEbHoQAnPXqab8QPB2rt+194H8Qab4Wvm8O6MiW13eWtltiy5m3MMDBCiVM8cEEUgPSPH3xpg8M+MLXwVpOlTeIvFs1n9uktIZVijgiAJ+d24yQM4+leF6x+13rfivxJ8PofBNhc2cN5qX2a9sbh4t17N5kQ+zK2flGG+/x97rwK6T4sfB7WrH9o2TxzceErzxp4X1CyWC6t9OkZZYHWNIznDKf4AcdME1zvjD4O+IbHxJ8PvFnhf4bSaTFpWqteXWi2FwJbnYHiKM4J+U/KwwD/KmLU9n1v9oa6sPE0PhS08MPc+L0snv7+xN3GsVnGFLBTKThnKhTgf3689H7a1nql/4fTTvCN7dLrF0bPyVuUM8cysgaPb3yJFwenJ9KzfE3wp8Ur8crnx9qfw7vPEeka/Zr9o0i3mzNZSbERVJVh/zxHHIw9Z+u/B7xIvxJ+Hur6N8NZtB0vSdRW/u7XTZBMQhmiIL5P39seSOgyKBnouqftOXPhfRJ5fEHgrUNL1qTVRpOn6R5gLXshUEsr9AgJC59SKt/8NFPovibWPCfijwpc2PiWzsft8FrpswuheLt3bEwAd3X/vk079pz4Y678QH8G674fg/tXUPDWo/aW0/OTLGWjf5M9wYgB9a4L4kfC34mfET4j6x8RdG0m58MXlppUdnpdreSr9pmPKyYx90hJZMfRaAO+h+P2o6T8QPCGh+I/CR0e28Tqi2kkd2J5onZlAEqhfkPPSsy3/aG8V3/AI38Y+FtJ8Bpqur6CGcrBenYyqy8n5epDKAPWvOF+Cnj6TxV8L/ET+C71JNFnim1aS41Jbi5uXSWNnkAZuM4OAMDAr1D4SfDfxXoP7QnjzxXrHh6fT9I15XjgnMsbeXtkjYFgMnkJxg9CKAMbQvFr+Kf2ovC8PiTwsdP1y80HJVrxmSOJ4ZGMckRTBbJcde1SfsOCH/hHfH7WsZS0XWUjTHZQjY6dOO1aniP4e+Mof2prT4gWfhubUNGtLH7H5yXEavIxgkXcMnPBetf9k/4d+I/hvoniax8RaU+nS6hfpfRP5iurBgVI+XuMH86kC74i+MGr+Gvjt4d8CXOjWUWm6xIklrqbXLZkjIcuNoB+YMu38V9axdY/aYuvDejeLta1XRIG0vTdTfRtLa3uCW1O5VsnB24CBByfXNbH7THwq1v4hab4W1bwpEqeI9Evd8MgcI4jYbsg/7LKp/E1U+Kf7Of/CWfBHRvB2iyxC/0iZLlJJ/lW7mYMJi7erFyfw4pAS+CPj9eal8StK8G6/Yael1qtoLmzudJuhNGH2szRP6MAh/OuO/awja2+KXwivre1jutQa8by48BHmZJ7ZlTcRx1P5mvSPhp4Z12HUNNuNW8CeHvDCWMGJ5oCktzNMV25jKAbR6k+9Y3xz+G/izxx8R/h3rGhadHc2nhy5F3PJLdRpvfzo2ZcH2jH50AQeF/2gL5fG3jXw9410y10m48O2DanJPaXBkXy0CMynPUlXTGO5PpXKXX7V2pweHdE8V3Gj6Wmi6hfm0XT1uma9jUbtssgAwq7kOfpWvffAnxR4k+Mnj/AFnVbaGw8OeKNNuNMS4W7R3t0ZI1jkIzkjMQ4680fDL4SeOfCeg2nhfUPCnhSeCOZm/t26WOeRoTIWKmPaWZssQCTx3oA5/4D/EjxXcXPxD1/Ub21uvD+m3jXuqfap3ZraLbI5EA246Jj8Kuf8NVatD4f0vxbPp+k/2Rd37WsmmxXDNeWyAMBK4/ulgeAM8Crvgz4B+MvCt98QvDnlaQvhbxVJIrag8nMUZ80AKg7gSdD/dqf4a/CXx94F8OxeGH8O+E7y2t7gvHrd2EeV4y5cjYVyXHqeOaAIPC/wC0R8SvG/8AwlcGgeEdL1G50SVV3Cdh5g3smFTOWJ254NdFN8aPE3izxJ4l0Xwrpmnh/DNr5l/NqDuPOuFX5oUCjj59y/8AAKX4A/CvxR4C8UeMtQ1+zs4bPWphcwfZ7tZFhYSuwQrjOcSE5HpVOP4O+MfAPxI8c634QgstT0zxXBIGhvLgQvaTuxbcc53AMzH8aAOSuP2xX1Kx8KvYafaaRc6lcPa3t3qUhNtZshXngAkMrqcdazfi94415ZPBjeLtC8O6zFca59n026s5pNrAPEPPUhv+mg+X/ZrofD/7NPiHwb4Pt/DR07Q/GWl3EMs95aXsogdLxsKGhkIJ2qijuMmuZf8AZF8a2PhnwnpUF7p+oDSdQl1WRZLvaqMxixFGSOuIS271Y0CkV/8AhOrD4Y/tRfF/V7i6gs1j0djbiVcRyT7bdguB3Ygcf7VN/aU8ReKvE37M9nrHia00yxlvdQtp7KGxJLRxvDKcuTxkjBwPau7u/wBnfWfFXxU8c6/4isNLGk+IreaGONLsPJbSbU8mQHHUmHt/erlNW/Zx+KWtfBm2+Ht7Lo91a2t4lxa3ct6S8aKjjymOOcF+/NDA6GHXvsv7Tnw80e50mwvJptDhMF+WcTxxfZZNyMM7WBKt2715N8E/i5/wrLwr8QI9Oa0fX77xHBBp2n3SkC5yzowBBwNqkHJr2y8+EHje4+NfhPx4lvpQh0XTIbFrSS9GWZYHVyDjgB5P/Ha4bS/2R/EK+BPF+m6tDpLarfXUeoaXew3GGgkBYSK744Xaxx7/AEoGfSGh/wDCQR6XbjxGbL+12VmuEsAwSM/3eeuOme5BrnfEXxt8F+ANSm03XvEllY38OC9qcmQAgMMgDuCD+NYXhX4ky+DfDNjoPi28g1rxfbR/ZhbaC32uS5iUAK7KvCv0ByfevIP2qPC+r+KPCFz4y1fwzYeFTYSxpG00m7ULne4QI6Lwo6ncckAAUkm3qI9S1T9sL4XWcgVNbubsnH/HrZyNwe4OO39Kd8AfidB8RoPFQ0+xu0tf7Wur+O6lj2xlJXXagJHLgckehr5/+BH7Kuo/EBrXXPEizab4cbDQIBtuL5e2B/CvJ5PXPFfVHwg0W28P+HNb0rT7X7Lp1r4g1CKKBSSqgMuP8nmgDs/LZ23HH4dPwps0I8plAqw9vJ1FNWF+p4NIZUXduRmHCcD3rkfiB4Dm8YeFytlMtjr2n3BvdLujwIp1xgE8/K4yp4x69K7ny2zkjmkgjIckcH1oEeSa1ceM9YtEt9V+FthqUeQzQzahBLGH24JXcOOprMXRdWZtzfBXQ9xOT+/tM/yr3F4yBxVbyyrEgUAeU6X/AMJBotyLzT/g9pdheICqz293axuARggEDNXdH8P+IvFHjSDxP4q02HSbbS4DbaPpKTibZIwHm3DsvBbHyj0HuTn0eSMvTYoyvBHHP69aBkaq7bS3UU24Us26rhUioZF+XpQI4Txdbk+Pvh+CeJJtRz9PstdPNdw2rKk1xDC2N+2SQKdvIBAPXJz+Vc/4pUyeP/h9u/57agP/ACUb/AVQl8M6X4i+K3iNdT0611FYdH04xJdRBwm6S6DYz64FUBv61qFl/YuprJeW4zaTKSsqjP7tsDr9fzrkfgtqFnJ8I/BDSXtvE66RbqVaZcgiMDFcZ8TPD8Fn8UvC/hDSfDvhqC18SWV1Ibi5sjujeJSXUFeuVwfbNWvg9oHh7UrjxP4S1PwjokOqeFbmKzMlvH5kU8boWjfJ5BIABHaqa0A9bhvYZmMUVxbzyHOFjmVmIHXgHPpVmP7uR91umDnjtXB+IPBujeHfFfgSbSdLttOmk1WaF2towhZTZTnBx1GQOvoK9CiiK5BHNZjKzW/UDoaZJCxwg+73q40e2lCDPSgCgtuV8zn/AFnT2qbYxQAHoMVK0fJoVduc1QEHljaFxnFNkjDY4qfbj603acYNSBTuI5Sy4xtHQ1Iikc1Ntox2oAilO5SOtZ8ikq3fNaTKAxB5NVNu1jkYqnsCKtqnkxEE5c0rzN1I/Wpp9igHH0rm/F3izT/Beh3OqanL5VrCMgYy0rnhYkA5Zie3vn1qSjlPHquPiX8NmIGZLnUUzg55tRx/46a7Xb5kMZPUDnmvDvEtx4wk1Twpr15e2dn4kudUJ0vw3NE0gt4ZIGiJcp8xIDb3boMcV30dn8UI8oZvCwA45S4H8xmqexJ2awmTaRyVJ4zj6YrwfwZ441G1+Lms+G/FE/2/w/e6xdWOi3dzGjPaXkQz5Q44LRyHaTyShr1/wza+MPt0v/CRS6LJZ7AE/sxZdytuBy24dPpXmdv4Df4haP8AEPSp7W60rUJvEU2p6ZeyQlDHKFTypUJxwWRx+NJAdZ8GtY1HWvAf2vUdQuNRu5L+8jaSYqrbY53jRQAPRQT75rtFhdJcHnHXr/hXBfAfRNYt/hDb2GqGbTNbefUfOIUBoZJLiQ7wDx1fI7Yq7/wrbV42KL8Qtd/C3t//AIigDtNrqoABP4H/AApjIc4KHJHOc4/lXIt8Nda24HxE1z/wGt/8BVdvhrrm7/kouucf9O1v/hSAzNc8A+KtQ8eT61Ya9p1okkMdtbJc2zu9tEMGQIRwGcg89SCB0pnwJYx/Cnw+GVgiLKgJ5ziaQf0rU/4Vtr3mKF+I+ubi4IH2W3wSOx4rzz4Q+C/Ecnw6sJtP8aTWSefcxi3msIpVXbcSKTkHPJBPXvVAe27t24dm/IVxWvfCnw/rl/e3EsN5ZnUj/pkdhctDHdHGCzrggnHBIwTjFRw+HPiLCjLD4r0W6Gf+XnTXT/0Fz/KtbRLXx1Hqdv8A2t/wj02nkkSy2ZnSUDHYMuP1pgGufDPRfEvhWz8OXkVwNLsWjaGOOcoU8tdqZzzwP8au6z4B0nXNa0LV7hr06lon/HlNHOBgk/MW9cjrnNdEI04wQR2xjH6VIiBu+T6mpKPKfHHhHVfEHiSyeDSLO0lstRt7i18RR3K+ZDaq26WMpkElvnXB4wc969KjjPmM3O09Mnt+ZqebrtJJC9P0/wAKRW2qqn7vQUgI/LZcsOuMVFDHcNNu81842nnt6VcK7lGKkhUcnoaoZJvmWMIruoxjhiKiaN3Rmdt3PGfw/wAKtMn7vrVVZtymMkHB6d6EMVpJYYUjDSFMcLngVRh8O2UWuza6too1aeFbeS6YkuY16KOeB7DFbKlVwf50jSZkBpjAwMylmJ3Ywee3pWTqmn3WoWN3aW87WD3ELQ/aI1BZAeCQCMZ+tboORSbByc478cUAc54J8IWvgHwxYaFp0s8trZoVV7g5dsksSfxJrWuZJHYIxLI2SQfU8Z/Sp2mXcR3pCVfHFAFJY5VjKb2OSe/XJzz69KiNs7CROqtjgjP+epq+zCPk8elOBAOQeKAMtkn3g72//VStbyBxICS/Zs5I/GrsjjjFOEg2/wB01QGL/ZrwghUCru3naMZb1qJo9snluqlWA+VgCCR0OD3rekxVO5hido3cZKnI5NUBVNu0kaKw3BTuAbkZxgn9BUdxYieTeyKxbO4lQc9s1pqynJFR8kn0pCOF+IPgnUfFtlbQWOv3OhWyCSG6itYQ4uI3AG091wARkdM8V02l6Xb6XplvY2UCQ2UUIgSNRx5YxgH16DrWhcRo0eGGR3psbL/CMDtSGUHtd8n+pj4PHyDj2HHA9q57xl4N1DXtJjstF1RvDVwJleS6trcOXjAKlfzcHJ54rsQuc4NMaRVb5sE/7QzSuBh+EfC9r4L8O2Gj2BbybVApcnl36u5+rEn8cVcuNOiWRpIreCJ3JLskaqXz1yQOfxq+SoXOenSkkkX8KQGSdJtGjZHsrUo3VfITHTGenWlk02J2R2toXZAArNGCQB0HTpzV8uu0kdO1Ism6gDP+w/IVCbQMABRwKnW3+UcH8qteYqnrRuH979aCj6BZQ3UU1lXOdoz645pfMHNJuDDriqMA+8pDfMD13HOaSRizHJ/DtUTSbcc0rP8AKdvJxQApB247Uka7cMBk7jnHfjke55H51wvij4tQ6B4o/wCEasdHvNe1xLD+0pre0aNfKhL7FOXYbmJDfKoJwBXm+qfFyy8e/GTwF4UvNJ17w/eFV16ykWdYllXypGEc0ec43RFefTPSgD6E3CGPzCVVEG5iCMcdc9u9MikSTLpMsyqSC6yBugzg4J9c/jXz7+zv4v0/xl4K8c+ETZarH/Yc01tdtqtyJ3kklMu9VZT0VomAIPTFeNfs4fHTUPhX8D9T1FvC+oeIdMg1gyX2orMBHbb40VF55PqQOmRQB9zcqeD93uOOnehU87BUNwT90YwepOegNeKa9+09preIPDeg+GdN/tfU/EGnx6lbyXtytpBHG4cqrO2csdjDAxgivM9f+P3xCvvjR4A0u28Oz6It15jPoNxcxhb/APeOmS5U4HyHB7jBqQPrhmVpFhO1n27hGCNwX1AJ/kKVlZmDYG4fMD09unXP0PcV8r2fxCubf9pTxCbzwpcW3jO18OyTCBdVWW12rDGygADqVyPqKzfgv8fPH9n8E9a8Yalp0XibTtOvJZZb251BY3RdsQ8tUCk9/SgR9dRTxnaqXCkNwNrjJOMcAH0PTtmplUL/AA4x/CBjb7fpXxxe+PdK+HXg34V+N7Hw5dzw6ld3jQ282qvuimkYiTcCnzrsXIBHGeOea9O1b9o27t/iVrngnw/o9pdX+jw+YzateG3a7bAOyFdvzEg8HPJoGe+rzjPXJP5048dOOSeOK8G8EftD6/rnxYg8D6/4Vt/Dt69i16fMvCzYMe5VHy43Ajkdgr+lULj9qi+0rwLba5qXhqFb7VtTfTdGs7a7JW5Mb7ZJCxXhNxRR7GgD6HMak5ODxgcdKlUjbwMfTj/PSvBNQ/aC8QeF/Gur+Ctd8P2MPiWPSm1LT5Le4c207KjO0bErkYWOT8VrlV/a68US/DG38eL4Qsv7BXUDY3MgvsOWxkCNCM8DnJ9aAPqZ23YByR7mgALjAIwc14//AMLzvZfjfoXgyPTbU6VrNgNQt7sSsZlRrd5UBABGdyEH25qz8F/jDqXxG1rxlp2rWFnYy+H7lbbNrIzrId8iHOfeMmgD1ZU2/d4xjHtjpSKQqnJ5PX1P19ak3DB7c4qB49wPPOeKALKwqy5x2wcU1lVMgcFuvvUkLeXCynkmq10QsinOc9aACVMYI5xwM81FtHpSvN8ox0pqzA5yOaAHhtrZB25644zRJGH56k8Z749Pp7VWeX5WYr8q8ls4A+vpXIa18XvDug3KWUVxJrepOcLYaShuJv04H4mgDt33A46np0OTWZr/AIi0vwzbG51jUbfToeu65lEYJ59ep59Oa4z7R8RfGyvsS18DabnbmQfa75l9dg+WM/XNWdL+EPhnT7yPUb2CbxBqq8/btYk87aw7qh+RfwAqQKK/FDUPFCtF4K8MXesxn5G1LUB9ksk9yzct9QOacvw21vxIrN408T3E8Mg/eaXohNtagcjDSffcc9iK9B89uMfLtGBt4wPb0ppm3HIGPccGkBleHfCujeDrH7JoulWumQN94wRjdJkdWb7zE+5NS6zoOl+ILGOz1Syi1G0WVLgQzDKiRDlWx6g1ekbcpOa5X4hePLX4e+G5NbvrK9vLSF1jkSwi8yRQ2fmK8fKMdad2KR1KyI0hZcHjG3GAQOi/Qdh0GK898H+MNB0FvFdlqGrWtjdL4ivnMdxJtJDMhDY9xn868R1D9vLSIip0rwjf3auflaedIwTjjozHHJqT4fftHeOfjH4sj07w/wCC9DhtgVa9vrsGWOBc/NufAyxHQYzmizA+iY/iT4TZSf8AhILEdyfP6VH/AMLK8LbWb/hINPCjqfOXj9a2TFbK+BZ2uP8Ar3T/AApGjg/59rcD0EKAfypDMQfFHwhsJ/4SHT93vOo/rTf+FmeFP+hh08D2nWt7bBkKLWDH/XJf8Klt449xJghA9PLX/CgDm/8AhaHhDb/yMWn/APf4VE3xS8I8j/hIrDA/6aiuuaGIdIYsf9c1/wAKZJHFgfuYsf8AXNf8KBHIN8U/Bx5HiKx3enmikPxR8Id/ENjj/rqK67yo1XIhi/79r/hTPLjxjyov+/a/4VQzkv8Ahavg/wD6GGx/7+Coz8VvB+4j/hIbEf8AbQV2AjjHSKMf8AH+FI8ce3/VR/8AfA/woA80vvFWi+KviN4Fi0e/h1H7NPfSTmE58tDaOAevrx071paU2fi54mTYQRommksw5P7275rtNqJnaiocEZVQD+lchYOF+MHiVAo+bQ9NIwMY/f3dMR5n8YrCPWv2gPhNpy6rPpE72mp/6TZuonjLIAm3cCBuKkc9cEVN+z7cr4b1bxb4K1kIviyyvmuZtRcnzNVt5MGO4BP3sLxtHA9K9nutI068uo7ufT7Sa6jxsuJIEaRdpyMMRkYPPXufWh7G1kvkvWtLdrxFKJctEplVTn5Q+MgcnjNHNfQDl/Giq/ib4fHbtzrchx/25XNdWqgkkjmuW8cDZ4g+H7jqNbf/ANIrmuqzSGRzL7cUwKBU33mwaRlAoEQsvTFMZampp+lMZFt7nrSMvWpCvftSEjFICHaPSkZfTink0hNAEEqgr6EVyvjTxjY+BfDmpa5qjMllZxbmEeC7sxCqq+5OBznrXVyqTXjv7VWjXWofB3Ubm0iM50+7tbyaONSWaKOUM4A7kA5PtQgJ7r4rav4euNCk8U+H7fStJ1q6Szhure7+0G0mcZjjmUAEbuRnoCMVW+I2mx6H4ifxZrRfWUtWS08P6JbIcG5I5Zh0aUnPJ4Vc1kftAXFv4u+H3h+w0i6j1O91jW7BrFbeQSuwV/MZ+DkKBk5PQk17PJbu0xbKuvbJ3Yx7+xz+tMWp5z8PPB93pdxN4l18x3via/8AlkdeYrGHB/cQ57DOCw5b6YFdl9sYN9zCegGBVmPSTsALKBu5VfSnyaa3IVjtznmgY1gyqGCjjkVWeZpRiT5sdN3OOCOM/U1oNGVj29TjrVX7DI24s2eOOKAK9u7xxhmO4Bu/1qJm2zSMg+YnpVldPkEe1mBGc0n2GTzGO9SD271BRBDcP5u1lwMZrktc8Ta/N4wvND0aHTVS3s4Lh5r55NxaRpQAoUekR6+tdm1o24MTntXI29iW+K2rOCFI0ezf/wAjXI/lQSQRXHjv7TH5UPh8sG43Szfn064rz34OyeLj8P4IbSLRGthdXnM8kwbd9ql3cBMY3Zx7Yr1XxN4lsPBFpBd35kkNxcLBa2sEe+W4l/uRj+I45PoBXIfB+4tYbHVfDcUd9FqGmTvNKl7bGBglxLLJGwBJyOSB9KoDYjuvG0ChDF4fK44AlnH/ALTpTdeN1j+SDw+Gz97zps/+i6zNX+LGjaZPfyNBqN3pulym3vtSs7Uvb2zj74Z8/wAPfAPeui1DxDpem+HZtcub6CLSUhW5+1q+9GRuhX1ByNvqTTAzft3jhRIXh0E+Wv8Az2n5/wDIdNXUvG7MFFvoOSueZ5x/7JUGm/ErTtS1ix0qa1v9JvNRRnsotStzCtzgZKq5JBbH8PXIq1deMLGw8cab4XeC7Oq39q1xbP5GYmjX7zls8c8fXFIodHe+NiozaaA2fS4m/wDiKg/4SPxHp2v6PYaxY6YLfUJpIVls55WZWWJ5ehQDohHXvV3w94y07XvFWu+Hbe3u47/Ryv2mSa2KR/PnZtOecjke1J4qh2+IvBUrDC/2q/H1s7n/AOtQB08bMF42kYzSmQrGSCF/Gok2xfKCMelKtuWUqCCe3P8ASmAryPNGCp71W8xoY5pBwwx/OrXkvwrYjOccg44GTSNBuX2PP9RUjGrcuDluc1Os7MOPvCq7QM33jzUlvA653GmBdtLppIiW+Ug4xTJrtlJx0qGNWUEH61leJdatPDek3eq6neR2OmWib55pP4R2A9SaZRqLJ5khbH61PG1eeeFvi54e8Ua1BpNvLcWuoXMH2m1hvoGh+0R/3kJ6138JVY9z5IXJIUckAEn6k1QDLyTdhc0kLlosV5VD+0d4Oure/vkGqS21i3l3MsVhIyQMM5DkDg8GvT7G4W+t4bi2O+C4hWdCVOdrKGXjHGQR1oAkb5ZFpt1Ju2gVU1DWrGz1ey0ue8hh1K7jeW3tHbEsqqOdo78g1b8lt2T0ztzgkA+hqQHLdL5fzGqd3eKcADdVn7LK0mzYcnoAhyent9a4nwP8RtJ+IV5rlpp1veW11o9wtrcxXcOw+Yckgc9PlNUB1Wn3DNM6HgAdKvSybFyOWri/iB460/4T+G5vEOrW11LYo6pIbZd+zIOM9O4xWndeKtPs7XTr67vYbCxvjEkDXTBDI7rlUGSOcEUAabXjvw67c9KSGXYg44ziucu/FVhb+OrfwzK866rNaG7jxCxiKg4Pzj5c+1b32WZsABtvXO0/nQA6S6ZS2PWovOWZyG6gZqRrGUqTg46lsHH0qv8AY5FlzyGIwFPGf0qQJVcvHg00yEIBjNPkjMKqrfL65BA/PFQwxvMSoIAHTnNACrIPmGMU/JVAwPFP+yMMgnNL5J2haAKckm9gSM0faF9P1qeS1Zaj+w07FH0Lg81HvO5lIyBVoqOuKYFAzxTMCkzFlGBipNx8tieTirGwelJtG4HHPSpA8F+Nmgr4g8QXc1t4e8R2/iLS7JH0bxHoKOTNIQzGJyBtAVsZ3djXDeLvCnxE0T43fC/x/ceHbnxHcWuhpZ6l/ZZQlborMkgyDgf60c+u70r606Lj+HO7b2z64qJlbaVRigIwcHr7H1oA+Z/2WfBfirwnrfxUl8QeHbzSJ9cuGvbZnQtGSWnzGrAckGRQOcHHvXmvg34b/ELS/wBnPXPhx/whOpDWNZv47iC4nAW2jiPlFmkY9D+5xxj71fcEcbKpVmJA4x2H4VNklSCcg8kGqEfI3j34Lzt4Ts/CF34I1HV7vQ9Egt9J8S6K/wA73QVi6Scj5Q5IycnA461l6Z8I/ih4T8WfCbxTd6RN4qvdFgeO7to7lfMjG+QpGzHqdkijPt7V9l7c8dQOmadHGFUDHoPwHapGfLug+A/GXiD9pjVPF2oeF7zRtMvtHk0tXkkVxDIbZE+fHUZVuR61ifDn4O/EHTfgr4s+GN74Z+yx3QupIdXmuFVCxSMIqKck7mTGe26vr94kkwWUEjp/n8aVlHBAGc5zj/PHt0oA+I/Enwg+KfiD4W/D/wALt4OMJ8M3UjvtvIw82STkDPC4ZgSepA9a7P4zfCfxL8UG1iVvh+LXxEt0raVrdrcxxAW+7j7QqvneAB0HHavqRLYiUSZ+UDbt7Y9MVYX5cY+bLElAOueuaAPkT40fDHXbjWPhN/ZGrLdeMmhfw7eXlvIrOzCMiWUn0RWmySO4r0P42fAW88ReGfBUPhAQLP4Snj+zWk7hEnQeWeScDcWjBOTzk5r03wz8J/DHhHxJfeINO0/bq948rvdXDGQIZGy+wEkLk9cY9OnFdcYdwBDH8T+tAHzr4g+Ffiz4i/EbVfHWp6MmlSQ6LJp2naWbuN5p5Xhlj3lgxAC+ax/DHtXH/wDDP/xAP7NS/DqPRIRqi60b4TG+j8vysBs9f73GOnFfXm5lB+Yhj1OevOakUDuOlAHzTrHwk8d6f8SvAHjLQtKsbi70nSIdPu7G4ugohdIniZiw6qQ/GOmOa2v2e/hn4w8AeK/HF74i0+1ii1+dbpbi2uEK+YskrEBTyAwmbGeQFFe8nnCkblHQNz2x/n8PSnKpyDyPp/P60ARKu4BgdynkYOaRmeN/u59Ktbd2OfzomGevNSAkDM0YJODUdxHv9yKmReKTndSEVRC5jI25I70qxncAQBjkjPLcdhVvzCqn3qDzOoPK9cHkUDPN7j4Y3/iZ5X8U+J7q/sxMxj03TibSBVzwrkfM/GM4Ndj4f8NaT4YsxaaPptvpkR+8LeIIz/7zdW/EmtVmD4wOetIo7gbfbFAEUtuV3Ln5cZ2nkflVeSJztwMj3FX2+bJbknio9u3OeABn7wAx68/41QECqY+CKUJheFOT04/zmuO1j4uaLa3Umn6Ss3ijVl6WelL5mDno8n3U/HNZreHvHPjTLa9qsXhDSWPOn6K2+7Zf7rzkELn/AGR3oA1vFXxI8O+E5ltr/UUk1B+YtPs1M1xL9I1ya564m+IPjZfKsbSPwRpk6lTPeAXF7KhBPyRj5R9G6V2fhTwDoHg2Nl0fToreZzuku2+eeU+rSHLH88VuNFnPucn3oEfBVh+yvqvjz4veI9NspLm18L6bfmC41i8XDSYUGRY1AALs244AwoI69K+z/BHgbR/h/wCHbfR9Ds1s7KMAnAG6Vh/G5/iPfn8MV0npnnHNHv3pjKjwnccDPv61G0ZbqKttzSN0pAVfs5Vs1NGu3rUqEMMelIaAEk9O1R9Tint0qM9aBCt92oh708tUbMfWmMVvao3Y0u75fesLxd4y0fwLok2sa/fR6bp0QJMkh5fAztQfxMemKANdujHPIHSuCbWLHQ/jJrp1HULayS40LTvK891Tdtnuy2CTzgY/OuB+CXx31f45/E7WXsLJdN8HaVY8RyjM000jYiLHscLI2B2xmvcL7R9P1Rke8sLW9ZBhGuIEkIXOcAkHHX9aAM0+N/DbdNe07Hb/AElP/iqY3jbw2vXX9NH/AG9J/jVv/hFdCX/mCab/AOAcf/xNMbwzo6njRdO/8BI//iaQHH+KvEulax4n8B2+n6na30g1l5Gjt5g7BRZXIzx05IFd5lnbaoOQcYBBLVTh0nTrGYS22m2drPjAkgt0Rh24IGR1pdW09tU0W+sILuSxuLmFoo7qIjfCxGA4z1wSD+FMC47+XwR83fjFN3bj7V8hfD39r/UfButXfhb4n2zPNp07WkurWqfPGUO0+amOnGdw9e9fVnh/XtP8S6VFqelXsGo6dIoZLi3berA9OnQn0NOwjQbApjSYA4pWx161Huz9KQxWbd9KYacWpnWgBaRsZ6UZApN2aChrZ/Co5o9ysrosiMpUqwBBB4Ix71Kx4FMk6UEnN6N8PvDXh6+a90zRLSxvCCBNEmGUHsv90fTFbe3GQeamGNtN4I6UAQlNo4FJt2rxUsgOKj3fNzQBGqhR8wz6U3A7/WneZuyOtQsxFBQN82c1EVA7U9jtpGIqAGsoIPqK46Dn4paoTwDoloOn/TzcCutb5m4rlW+X4rXKg4EmgQP/AN83co/9mqgOH8fMY/j98LRKf9Ga31DyGfhPtRjUL/wPaOPrXpsM0C3pjUxNerGpaIgebt+YLuHXjJIz9RVLxd4Q0vxnpcFrqkUjfZZluLae3fZNBKBwyNWd4T+H9j4W1a/1K2vb281C+WNLi5vrkSMQmdoAAGMZNMk89/Z+SK5+AKR3xyqLqEOolzu2uXl8wuezEEE57VwDJdW/7KPw9F4JGtY9S0+S7RzkfZftMm3JP8ONn4Yr3PVPhBoN9fX8iLf2MGou0t9YWV35dtdMwwzOg+7kf3SM1val4b03VNBm0W7soZNIlh+zm1VdibAMAL6Yxwe2OKAPN/2gIzI3gFoTuv8A/hK7T7IV4ZhhvMI9V245FU/Hseon49eC/wCyprWG5bQb5Sb2NnjIEqk5A7kkf98122h/C/R9F1K0vvPvtRurFDHZNqV2J1tVIAIQAdcDqefep9Q8AadqXjTT/FM814upWELW8SxyL5HlscsrKeu40AcJ8Lo9TtfjJ8TItUmgub1odMd3to2RMeTIV2qSTwCB/LjFd742df7U8GljnOtYz9bW4/pRpfgXTtF8Zap4nt5rz+09SREnSSdTGVT7mFxxtHFR+NsI3hNupj16AAn/AGoZ1/rQUc98XPjDH8JbOOU+HdS1uSSMOJYE2W6ZOMNIeh74Ga+V/GX7Ynj3xAs8GnSWvh21DEYtYi8oAB6u3TPsK+72Z/K2KcIR8y9m47ivPPFnwF8A+NWaTUfD1tb3WMC7sf3Moz3+XAP49aaZJ518AfiFd6X8PbWW/wBO8WeIdR1Bvtc9+1q80bE/KBG2cEAAV6h/wtiOMYHhPxQ3oDpr8e1SfCz4Z2/wr0ObRbHVby/0xpzJAl4wLW+QMoCOxPP413PmSckO3PPWkyrHAn4sIx58KeKFb0/sx6lPxchbgeEvFAP/AGDHrtVkk37i7Z/3jUvnPkHe2fqaAMPwz4sXxMtyY9J1TThBsyuo2hiL5JHy5NYXxs8AXPxO+GereHLK4jt7+48t7d5WwjOjZ2k9s13bMzkEsxx0yaYyr5bKSU3KV+U4PIxkH1+tUM+VfFF14mufjV8J9N8RWNrpN7o8TvL5d4JsQIvzSM3RVIU8H1r6o0u4S7a2nt5Fmhcho5EberKeAQfx7Vw0Hwb8LQ2+uQPb3N5c61A1td31zc+Zc+UeoRzwBjjjHSum8N+H7PwnoFno+ntNHYWcIghLv84UdOakD5T+Cp8Tfa/G/wDZ11Y/8I/D4oV9bjvDlnthuEh+YFQu3PXnjjFenftCaj4i0/T/AAzqHh/7Tc+GLcNNqdlolwIZ5Yvl2shHIVQe3Fbi/s1+Eo7fU7aC+162ttSZnvIIL4BJyerMNvPpXR+IPhTo2v8A9lF7vU9MuNOs/wCz4LiwvPLd7cgAo+UwwOB2qrhZnyxo1tp/jb4zfDx7fxNrWoadqFvc7bua4EdzbEGYGNW6rggD369614/EnxD+Imo+NZNCuNUbUtH1IWtgYLyKO3gjTAIkRiN7MoJLHvXul3+zf4ImsNFtYbW90ttIMhtLi0ujFMN5JfLdeST0xTtQ/Z58I3msT6iqapYm5Ci8htLx447oLjBlAHLHGcg85ouFmeL/AAt0jxZ8SPFnjzSbzxnrejTaXdW/lxQ3HmIHYvuRjzkDbjrXOXXjjVPh3B8c7zR2Ed82vRQrcLwY97TAsM8ZOe/rX0/4P+EWheAvEGqazpEmoG71ID7StxOJEbByvYEY7Z/lWdb/AAB8JRSeIJJIry+XXwTqEM84dHbcWDjC/KwJOOaCj5p+M1t45sPh7rj3kWoSeE7u1tXK6pdRzyC4R1PmIAQ2GznHvWN8ctP1PRtZ8AWk3iTVNU0/UorS8MNzKP3LmRULJjhRg8ehFe5fFr4A2un/AAo1bTvDMWt6/q84gtbWOe4a5MEYlVyqjACr8pz9auaD+zX4a8UeFdFn8SLrc2prZQxKL26Ky2ewD5IxtwAGyRnJ6VRJz2tW954V/aC0vw7aa9q11pdx4fubgrcXYkdZFV/m3Y6/KOB0xWf8EfDPibx/8O7TxDfeONbh+zTXi/ZBN8sqIp2fMMH73P5jpXrSfs8+GY9ZtNXS/wBefUbWBraOeS+3tsYEMMspzkE9fXitfwf8KdG8C+G7/QNHm1AWF2WLCacSSRblKtsOBjOe9BR8pWnizxjb/Crwj4pHjHVTqV34gbTWjaRTEIy5HIK8t1/Kus1X4heKPhjr/wAWrCDXLzV49M06C6s5NQwzRvIyhnGOBgOODxxXrn/DNPhKTw7a6H9o1ddNtbz7fbol0v7ucng5Ceqk9e9aJ+B3hdvEOqa5Ol9e3WrW5tr2O5nDRzRkAbWATsAOnpU3A81+EUnj4+JPC2pyDUrnw5qVjnUG1W8jZZJihYSRAHIHsMD2r6H8sKBjGRxnjn34rhPBvwc0DwJeQzadNqUnkKY7aK8vDJFboc/KiDAxyeozXd7TjnrUgAbHB5NOb5R1zTADTejY7UFAx3ZpuTTm70yqGe+s20DJxSqpPJNVLhvMjUngila7KgALnjk0GJZLBaKq+duRD05qdZN2SDUkjmoIqH7QCxFNNy2cYoAsdulMkkCkDoaha5cNgDio5JN8gyPmoAsCYHgdaljYNis+P5WkOc1KtwY1AxQBocelI3aq8c/mMAetWVx3oAOeR2NPAo43cdKcBmgBjAjpx9OKkj+U0qgdDzTWYZ60APZQzZFOVe5oXH4U5mAFAAqBuhxSnOKYOcelSqexoAYPcUvDck07cq54pvmDpjpUCJFUbeDxUEm5Tkc09ZA3TgVHN+lUMQPn71Nb5elN28DHrj1rM8SeKtI8J2f2nWtRt9MhUZzO4DN7BeufwoA0wpHzdF/z2pt9f2+nW8tzezw2lvGMtNNII0X3JNeeL4+8S+NFB8F+H2tbFvlGu68phhPvHEPnk788dKns/hDZ6hMl54wv7nxhfLyEuh5dpEfRYRhSP94E1IEVx8XG166ax8E6NN4ouVI33jZgsYhzktIev4VCvw01rxavm+OPEMl3aNh/7F0fNtaewd/vyfnXokcCWsMcEMaQwRgCOKNQqKB0AA4FKq7QMdR370AUdH0Sw8P2AsdLsrfTrUf8srVAoPfkjk/jV3Z37+ueaVRjmkaXDHiqAPakYnNLu3c4prEfjTASim7qN3WgBGXmmsppwJ70dqAIuh96GYlqc3FNOM8CgQNTG6H1p+fao2YAmgZFzt5pKGPWkWgChrk97Y6Re3Gm2a6jfxQs8FmZFTzn6KuSeBnvX5w/tGal8QdU8ZD/AIT+JrO4jAkg0yGVXhtVJIXheA5wcFsk4Pav0K8eeNrfwH4fk1GaJr26kZYLKwX791cMcJEo7gnk/Q159qH7Pdr4w+Her6V4quhL4l16eG+1DVoRkxTo2Y44yf4EUlQOlPbcDI/Y68Ef8In8E7PUZ1VdQ8QStqkpXOfLzthHP+wN3/AjXun3WYZHcgD0H/66q6fYW+k6faWNpGIbW1hSCGPH3URdqj8qkmvYNJtLi+uXWK1tI3uJpG/hVRuY/gFJpAO8wNv5VgmQxQ5wR1B9DzTJFK5yecf5NfLf7HHxbuPHHib4gaffvIZr+4bX7eKRydis2yRF9gDFxX1GfmyT36/1oYjmJviDosPxDj8FSzGHXJbFb+BJOFuELFCiH+8CpOPStzbuUchiDkNivjL9ui8udB+KngzV7C4ez1BNKZre4Q4aOSO4YqfoS2D696+g/wBn74z2nxo8ErehUt9esNsGpWZOPLcdJB/sP+hpNOwHzh+3R8N20fxXYeOLKJjaawn2O92cFblF+Vh/tMgH1KGur/ZL+FOseC9fvRd+JLnSNUsZC2peFzEDDLG3+rkGTyrZzvUDByDX014m8KaT420c6ZrVmL2xNxHcLG38LIQyn1BBH8x0JrE+IHge615rfWtCmj07xfpmXsbtvljnTPNvMR1jfnGeVY5GKtS0GdioB+n1B/lQyjmua8B+OIPHWmTTiCbT9Ts5PJ1LTJv9dZzA4KN6j0I7EV0zZ5zjPtUgR7Qaa3y/Sn+tK0e5aAIuGzSfw8daVRt4ptAAM96RsH6UrUznbnNADdoxTfu8CnbvlpmeaABj0qBgc5qaT5VzUSvuoARVCt0pkyrknFOkbDE1CzZoAay7vpUZXAqUEbaYcNSKIuhOK5KYFPi5E2wvu8O4CjuBeZNdey4rn/EXhDTPE11b3V356XVvGYY5be6eFthYMV+UjPIHWmBq+XJtBwQfULg59aQB15wx9RzzXKN8M9HfIaXVQf8AsKTf/FVH/wAKx0Zf+Wuqf+DSf/4ugk6197rtCYHpt4pjMy/L93PXnBrlG+GujKp/fan/AODSb/4uok+HGjLwZNUPof7Vn/8Ai6AOs+fqCfwPFRSRN0CkD/Z475rlv+Fa6H/EdSY/9hSf/wCLp3/CtdD6Z1Ie/wDak3/xdBR1BV88jqc8iuc8dIqJ4ZZxhf7ftMk9/ll6fpULfDTQydu/Uz7/ANqT/wDxdOs/h3omn31vdxx3ks1vIs0TXF9LKquAQDtZyO57UAdJg7Rlsml2/Lg9PrS7uPemlqgBy/e9qfnHA6UzcMYo3baoY6jFM8wU7zMrTEPWQU7d6cfQ4qBcd6VmwuRQBKwDDkcHqKReDuHB9RwaaH+UDvTl6daAF6nJ5PqeTSL8pOCeevNFObC/WmWPUBQeMduOKY7cg9MdMcUjScYqB3PQHikBKdrc4BNBJYYPzd+eaiU/NU2BVALlivDHP1pNvUtznrmncKKazFqYDMD0zSbRkZGQOx6fl+FP/hpG6UAMYDt6VHwHyBtbpuHFPz2pKlgR48vhSRnrzSFPQcVJtFNkYKvSpAj20114pfNpjyZJ9KZQ3bx1pm33okYKuag8+qGe9NGzRnPWmNCy4Pc1d4UHNMkmjt4ZJppUhhjUvJJIcKiAEs34AEn2BoMSu9rJ5a+Wu7+9zg/UdqkhTYCQcj19a+SV+L3iHxp+1n8PXjuLrTfCN80x02xLMgurULKvnyL3EjqSPRVGOpr674XHzbhx82c5HY/lQSQ+QVdiRtzjDE4H0NNktZPMJ2tjPHYH2zXyl+0lftH+1H8P9Iudd1HTNA1e2j/tGOC/e3j2+ZImQd2FOEXnjp6k1tfs1eI9Xk+MXxE0Ow1e88Q+AtPUraXl1IZtk4aMKqStnceZBjOMLmpEfSIhJ5zmmvHtZmPCqMsSRx+deNeK/wBqiw0fVPFkOi+H7nxDY+E8HWLxLhIlQ5IZI933ypBHHXFU2/aa0n4iai3hrwT4euPGF1NpLX115k628UEbJhoySOXyyjjHOaVmM9rhkS5haS3ljnjBK+ZGwdcgA44PBxz+NPkiaRvlZWUZI5GWHr16e9fDvwO+Kn/Csf2afF2rXmlXGq2NxrbWE6QXYhlh823QZRj/ABDp+Fes6X4p0b4c/FT4YaLDpWpXTeJNEt7K2u7jUxLHFDI5YmRCPmdSevU5oswPojTbi3vHke3u4bryyFk8mRZNmeATtPHINXLrVrDT2gS7vba1km+4k0yqz84yoJ5wa+MvhB4+s/hT4u/aA1dILd0sr3FtZvMIvNIu5QIlPXdgcdcmrH7UniDVvFHhP4Za1rXhxPDWoXWt7YITcCWcQlVfDgDhskHFMD7R5U4IwR2oLD1FeK+OP2imsfiHr3hPwxo0Gr32iWrXmoXF5di3iTau7yk4OXIZePXNcNp/7aVz4i1fwnb6N4PW9i1+Q2yRm7KzRXCtteJjt2gDIIbPRufSgD6kRhQfbFfP2i/tJ63fyfEfTLvwvb2HiPwjaPftatdF4ZI0YB0ZwPvBeeD3rnrr9rzxHp/w/wDD/je58EWqeHtQu3tHkF9+8dlLn5FI7qp69xQB9R7yuOacxB7ivD9I+PmtR/GbR/BXiXwvBo0GsWYvrSaG8EssaFWZfNGMDlGBA5zmuWvP2uLu70nW/EGj6Zpr6Dpt1HbRW95cMt7fAkBnjUDAAyDk9jQB9Ow4K+ppRmsjwnr1t4q8P6XrtiG+x6lax3USt1UMoOD05GcfhWs7cigBW+Yc1G7YXpU+0MKjbC4yflpCERtzLw3pniuc8WfETw/4RXbfagsl2xxHY2i+dPJ9FXn863vMVmJHK4K8HmsXw/4N0TwrNNcaXpkEF7O5eS8cF52JOf8AWNlgPYHGKYzlmv8Ax742VRY2kfgXSn+7daignv5B6pCPlX/gZ9DWt4d+E/h/Q7ttQuIZNc1jG7+0tYxO49din5U5/ugfj1rrmyWyeSevvS7gh+UBfoKACaTeQWHzYH3ue3FNPXkZ7c802TYvOeaSORZCQG5qAHE0lBpfwoANuV9KjIHpTpG2Lk/hUfmjqe9UAu7HFLtDL70zrmk3+WuTTANu2k4zmgsWFRM4UgUCJaRsKtNZwMYpGx1zUgNZgy1ErN68Uk0yxgkcmkWTcMgcUwJGk9KiYk5JpjN83pQz8deaYxM8+1RXN5BY289xcSLBbwR+bJK5wqIM5ZvYAGngeYwUk5Y4+Xr+Hv0/OvMfGMn/AAtDxW/guzmK+H9NCXPiS6hY4Zs5SyVhycnG/ByBj1NJbgL4Bjk+JXiAfEDUo5E0eDfB4csZR0hzh7wj+8/8Oei4IwSTXpjH5m3cn7v61GFjgjSKKNYYo1EaRoAoRRwFAHTA4x7VGZh5h459aTESSEEkgYzzXjn7Wfiz/hEfgN4iKy+Xc6rs0qFsgf63PmYHfEaufxr2B5BgVieJPB+jeMl04axp0Worp9x9ptopslRJjbuIzg8EjByKaYM/O39nPxU/w9+NvhjUboSW1lcXD6VM0ilF8uZMck/3S0bfjX6UMxXKsNrDqM5xXjfgjwXoPix/iJa6zpVtfxReMbh4QybTFtjgIClcFQCBwOOK9hkYszOerc0wPmj9rr4V6v8AE3xZ8N7TSbZneZru1mutpaOBMxOWf0AG4j1NZ37M/wACJfCviJ9dtvEVxZanpGoT6NrOlyQZjuFX7rBvQqUdcj+LivqTzSqsASu7rjjPX/H8a81mceD/AI429yoC6d4zsvs7jGB/aFoA0f4vCSP+ACi4HpSncoYrgnnj+vvQe/8AdPbtS+YucAlgOMnqaSRhjrSGed/EPwxqdjq0XjTwpHv8RWqBLzTy22PVbUdUb/pqMfK3tgkjFdV4U8W6f4y0ODV9Nl32shYPG4xJC6/6xHH8LKeMHqQe1ae87sr1Xv8ArWNpvhPTdF17V9WsUktptVEZuoFbEMjocmUL/fIxk9+9O4G1uxxnnp0pfM461EzZOQSR79fx96aZMdaAJM9aZupFfiopG2qSOtAE24Ee9Q+Zg4pqyZHvUMjEZOeaS3AtbgailfaeOKQMSvBxVWaZt3J4pgT+Zu60jYDZBwKiVgajmmxQBLN9eKiA461F5oamlgPpUgTN8owKZu2gGmLJkn0pGfPWkUSM+4e1Rt93AqMycUzzvegB7PtAGar7++T+dE7ZXIPNV42Ldaoknk6ZyfzqJpC3enM2KgkbKkjimUO8w+vNAOOST+dVY5Pm5NTmQYxUgPZs9DURyOf6UeYFpd2VpgMLH14pcio5H296QEv904oAf5nenFyy9ajAA604Y7UwAdKcDTWahmxzQA7cPxpVbK4NQswzkU7dxmgCVWpxaoFNScY96CiRZNo6UrSbl96jVhiigYp5qPJ9KkwacFAWgBEHQ96mXnNRj6U4MaoANNandqSgBaa3Q0vvTVYEHNAEfXk0ZxSqOuelBUHmpAaWprYZTmlprRbuaAW5B9eaQgVL5fJ9BUWCTntVFkMqEt7VXKmrxpvlr6VQHvF1uWPKnBFYHjfwxa+PvBuq6BeT3VpaajD9nlms3EcqjOWCn3HB9sjpW/MN0f0qoY2EmMYHXjg/nSOc+MfGXwG1CP4/+E7HTz4ru/DFrbx2c+sxgF7RWD4SJ1UAKFcA+hJ9K+l/gv4k17W/B00XiPQpPD1zplz9htopiS81vGgVJWzzk45/Ou43NyN2Aeoz169fzoXDcEljjGKQHy98dvAup+N/2n/A2o3HhS+1jwnplvHa6kyWrPC3mNKSM9CAXUexzV34D+B/FPwK+MXiXwm2k3t14C1G5W5sb2GLdBbuTuQnpj5TsbP90epr6WLEd8ZOTimtngD7uMADgVIHx3oPwbvvAnxC8b2viH4eX3jjSdYvGudLu7JyYvmdyFkwwAH7zByDgocVY+H3w38b/A/40azqWneBJL7TPEOmhILPTJwYrKUhXMZcnorgrk8819gqrKSxYnPXnr9fWoZgZPlHQ8H3qgPiHwz8B/G1x+y74y8Hy+HLqz13+3LfVYYp8KtwioFYIe7ZFdLqHh/4i+Jvit8HvEl34D1OysvC1ra21xGGWSXCMAz7c8ZyPyr68eOQYYOR9KbbxtFJKwO0uMErwTRcR8Sr+zT4l8Xf8LVvdV8M6npeoahNJq2hXDcP5izOyxEBv4hJ16jGRzW7488FfFz4ieC/h3p2p+D7+XWvDt99ovZxIqrdRqqBG68MwBBz6Zr68kb5iSoyOnAqwkZZc7iAwwR61Iz5a1z4LeIPC/x48R+KB4Ei8e6B4iTzzas6LJaSvtLKc4wwKt7YqPUvhB4xl+Knw812y8C2mlWGkzLPdQ6bcRiMb5mODk8uqKmexIPavqa4i8xQhUOvPBHHIwaexby++akD5XHwu8fL46+MWsf8IrLJb+L9NuLOwH2mLILFVR2GeBis/WvgZ491T9nfwv4GTQVj1XTdYubucm5j2rGQxRlIb/pqRx0Ke9fXS5GCeuAP58frQYzITxt4xxxSA8B8SfD3xl4g+P3hLxd/YKxaJp+n29jc5vIy6M0UolOM87GmPPfbmsf4a/BPxf8AC+bWdEj8H+GvE+nXNwZrPWNQljzEpwoJUgkrwMqD1FfTpiby8g7SPTj1/wATTWVnkUjI4x70AFlbHTdNtLZlt43hhWNktI/LhVgBkIvZc5x7U9ZycZ6UeScEYpgyPlx0oAuecNpOOfrVWZna4CBetOCbutOZWMiHpjvVPYBsYWNmUY3dxilM3J4xTRGTM5X/AL69ab8zMEAwcDJz6kjP8qkQyS6kWQKkYYU9ZXmXICgivDZvjh4/1PxD4ks/Cfw8j1620nUptNa4+0kYdMfeHbOa9Z8Fza3eeFNMutctI7LWpoQ93aqciNz2H4YoA17gtjNMedouIwN56ipuSwQlQo5Lnoo7k/TFeFfCz9oyX4l/E7V/DsmmRWVoLeW60m53HdcxIwG7B9UIYfSgZ7at07JwACOtOW7bzSrHaCMrWFr/AIw0XwvNaW+saxYaXPeHEC3U6xeZzjjPvj/vqqMfxI8JzC8lTxPo7/Y4y04W7QmJeMFhu6kk/lQB1k0m+Pnk1HK2YwRgV5t48+KVna/DW81zwx4j0QTySi2s7y9nU2pmDAspYHrsDY9ytWrX4v8Ah3T9J0G28QeItJttbvrC3uWRZQiSM653IScbSQfzqhHoccinknmo5m3HGeK53wb4/wDDnjq3uT4f1m11U2rCOf7O2SjEnH4cUvjDxx4f8EQ20muapDp7XT7LeJiS8hHPCAFmHbj0pAb7TLEuCcmoWlDSAnP4c15B4l+Ouha9bafpng3xXpMPiC+v4re3/tCNyjjfiSMccN0Az0J5qjc/Ey41Sy+KmmQ+KrNtf0ZLu+sYdOg2y2VvCCAku8FWbeAucc5zTsxntsjOrYIIPuMU1mZ8LnFfO/wQ/ab0Kb4deHx428Uwt4jvJ5YpGaPGMzMIwxVQqnbj8BXqXi74yeFvCOqtp19qDSajHB9pktbKF52iiAyZH2qdq4/xqbMUjrZnCKQx5zTlZgpY8Aexx+deAr+1poep/E/+wrGCW88ONp63I1SC2leVpTg7RFtzswQN3rWbp/7QCaKvxT1lvELa5BpQU2OivYSQvZszSIiSfLkglQCST933p2Ycx9FtMzYIx6ADnmovNcPlsn2wRXz+v7UGlal8IRquozXfhnUtQtWhTUV0+V7WC4YuUKll2tgL+ea6Hw/48fR/ixbeENc8Uy6jf3umW7Wlo1gYoyyw73uDIBjDhH47Y6A0gOv+JfjK98P2tro+hRpdeLdbY22mW+fuH/lpO/oka/MT06CtXwT4Us/Anhy30aydrgqWluLyT791M3+slY9fmPQdhgdq8kh+OPw/s/FGqeLbaLWtZeZ10ZNTtrF5YFKZYwwsB8u/gsfUD1rpLX9o3wdqXgLVfGlr/ac+h6bdpazzrZnJkbB4BIJ5ZR/wIVQHqPmFslqikl2sPQ155rHx28PaZqMWlxW2qajqwsBqdzp9raF5rWAgHMozhTjt15rA1L9qfwHpul+HdTaa+utM1tikF1BblkjdWCsj4OQwLKduM4IosJbnsjsNuc1Csh3E557fpXk+mftH+FtS/wCEpRbLWIbzw7bfbbuxuLXy5jBuUFwCeMAg8+tR6l+014X0vwd4V8USWOqNpPiO4ktrRliG5HR9mHHbJ5/Cpsxs2vhINupfEpM/Mviy65+sMJ/rXoXzev6V598I1L6r8TO5Hi247Y/5YQV6Nt3c0AV5M4yTyK4b4vaLd6z4HurjTUL6xo8qaxYLjlpoCH2D/fTen4137Q5zxUcYEMisQcbs+uOlAzK0HxBbeJdB03WbNzJZahbx3MLD0ZQcH3GcH3FW5pGXGeprz/4Wwt4Z1jxX4Ic/Lot19t09f71jckyIB7JJ5ifTHtXoU0AZj82R2/xoERZ7Z4rJ17xRo/hzyRq+q2em+cG8oXc6xlsEZK5PPUflW4sIHHWvPviP8GPC/wAUNb0zUPE0Ul5BpVtLFFaGTamXYMXJGCMBD3poDo9B8ceH/E909tpeu6fqdzt8xorW4VnVcj58c8ZOK1ZJBIqsO4zwa+V/hb4dbwpoviXx74F07TNMstU1IafYXGqTlYrfTIjte4JZgXLOu7APb612nwb+MWr+Kviv4q8H6je2OvWWnWq3dpq2nxGMSgNGpUDJB5k/8dp2YHuPn7Op2j8zx3H51z/iD4ieGfC90bTWtd0/S7raH8m4nCuAM5JGcgH3x0ro4I/MuYgQMkge/XnP5V8w/snWVr8QLD4h+I/ENpDq2o6pqxt5mul3kQmMOIwTnby5BxjGBR5jPo+xvotQtLa8tJUuLS4jDxSxsGWQYzuBBxtx3rmovit4R1DWBpMHiPTXvmbYIhOBl8j5QScE9eOvFcX8fAvwz/Zv1uz8Pb7KC1t4LC3KyHdHE8yo2W6g4bHtu9q80+JPhPS7P9jfRJoLeO3urSy0y/hvIlCyLLKyCR9w5yfMYk9aSV2B9RXWp22m2MtzfXEdpbwLvllmcRpGuR8xY5GMnFczofxP8KeL782Oj69Z6hfbN6wRSfMy4PzAEAkcdvSvnr9ojxRqGrfAn4Vi5doxr0lidRw2PN/cKSpx2JfJ9xWj+1lp8fhe5+HGt6NbxWWo2OtfZoHt0CbkGxtnHVTjGPetAPdfEHxK8M+EdUttM1fWbaw1C4AMcErYLgkgbffIx+VR3HxL8LQ+Kh4afW7ca6z+WLHkyElcggAcjHNeKftWTT2vxa+Elxa2/wBruEv5PJgkcKJWFxCVXJ7Z9fX3rHh1DWNU/bM8Lza5o39k6g+luDa/aFnJAhnKvv8AXI/SoswPqM/N06/SjHy4PWlgjYxqRz8uAxH5Mac23dkHjrgDJ+lSBAGKcUofdkGpAuGwwIz2AqKZTGwyCAfQH/CgBkjD8ageTawFTqm4n92R+Bpslvu/hY49jQBArls5HFIOWyOKmWFyPunH+6aZsZWwFbP+6aCiORiB61BuO3A4q4yP18tj/wABNQSRNkNsYA+xoApbSr1KfUV5h8Svj3ovwt8XQ6P4hsb+1t7iJZYNRhi8yJweDkA5G0g9q6Xwd8UvCfjqESaHr1nelhu8rzQjj2Ktg0ahc6hvnb2pSx2n2pSNuP8AaHBA645yKazblHHB5/TiqAztU1ey0hUk1G9t7BX+611IEDfTJ5qa1vIp4RPBKk8L52yRuGRunQj05r58+J7pY/tMWE93pbeMrObQWxosCiVrXH3nMZ4ycZz23Vpfsjtu+HeqMt2Hjl1aZlsyxJsugEZGOCeTjpzTYHuWoatY6VD5l7ewWcbOVja4cIHPOQCT6c1W0/xPpGrTtb2GqWd5KqNJsglEj7R3wD7ivF/2w4o5Pgs7+QkkkepQMrbQ5AIcEA9RxxV/4Tafpms+NLzUR4UPhbUNJt4bKF9oiNzHMm93ZAMNgqMEHowpkntIkLPg/gMcmkkmOz5cHt149/xFfOdv8bvFGueNdX0G0udJ0LUrW/8As1ppepQujXEIba0ivnBYjJCj1HNcl8Lvid4m8D/CnxV4sur2LVbOz1CaJbGdHaVrlmRQ/mE4CDc3y/4UWKPrdWJU5PA6H1rP8ReKtJ8JaWdQ1q/i02yVxGZ5zhQxBwOh9DXy7rH7Sni+xsbhbS503UFOmrfxXcVlIqwyAjfCQxG4Y5z71b+IfiDx34s+A+s6xr39lvoF7olrew/YFIkWZpouGBJGCpP0zRyhc+qbO9gvbWG5tpFmgmQSRuvRlIyCPapDJ8xHavl5fjle+H7fwT4X0u4ttJjXw5bXk99c2zXGZPJXbEqKc4OPvdao+Gvj58RfF3jDwzokP9m6bd6tbyqYry0KhJIw/wA/LZ2sEDe2cUcpNz6zVqfuHSub8GNro8N2SeIjbvraq32l7UYib5jtKj/d21uKx3elIotBqNxqNWB69aecLQWLuPrTg3HvUanNL0agCRWPSlpimk3H1rQB/FNkAC7u9IzHigrkUgGLJupGbadoo2kH2pNoznHNIA3YXNMaT5Rg0rDP0qNl4xQA4SblxTCTikHHbmgmlZlEbMRSbj60O3tTN3tVjPePtCnIp6SButVo+GwetPuuI1KcNuqTmJ+PQUBe4ApgkXgE4NL5wXgnipGP2jHIpnGelL5ykcHNVppmABXGKALIpVUZ6VWt7re7KdvHvU4kxzQA9u1NC7jnOKPNG0k1FLKFZSOnpUAWdo7in8FRjpUPmeYmVoWTEYyaAJfu805cPmoVkWTg8URqOfmoAm2/NnrT1656VCu7zBzxU7fd4oAduDcU4YOMiqrFlYY61PI5WPrQA9mUZApmBUXYNStjcpzwaAJVI6DqKcp5zUFuNs7ndmppJAq56GgBZV444qNImZgqYyW4+uOh/L9aR7j5aY1w0bK6rQB85eMrHTtP8D+O/G3w++Id7ZTLqE19c2cbRmJrgyDfGUYbt2OAehIr0D4I/Gay+Ifh/RbLULqFPF8lgbq6so1Klo1YqJQP9pQrenzVqT/BfwJd3k97N4XtHlkkEsg3OFdwc5Khtp556V0Fn4W0Sz8QPrVro9rbam9sLQ3UQ2t5IAAQDoAAoHAHSgDlvj54mm8P/DW/s7CZIdZ1tk0ay3ttPmTsIy/ToqFmNfO3xCs9W+Dfxg+GPiDVrTT7GC3ji0wrpc5lDQRZjkLggYOycnPfHPQV9V+IfCOi+K7q3utX0i31GazYtBJPkmIkgkgZ4PHWneIPA/hrxY0EutaHY6q0SeXEbqMPsXOSBn3oA8A/bbis57X4ciXy5I31hi7ADe0BEeSDnkc/rVGHwv4eT9uS7sH0rT/7EOmM/wBlWNBD5gtgxyucHg557kmvorVPAfhrWktBqOh6feizi8m2FxCH8peOFz06D8qSPwP4djvHv20LTn1Bt266aBTIcrtI3EZ+7xVCPhfw3fW1t+y38UbAzRNt1+zMMZI4Uugyq59F7V1WsNp2oeMP2a4bxbea1XSrNbqNiCo+cYVueOQeK+rLj4b+EY4lhj8LaOsLYLILOPBxnBPHPU1cXwX4eRIpI/DulL5IxGfskfyck/LxxyT0pAeB/AX7Jp/7UfxitLPyIYHZykMOFU7Zx9wDj5cuPp+FXP2mdHs9U8ZaHe6Z4sTwz430PTpLyy+2LiC4i3sCAxGN+VPHfNe82ej6VY3kt5baXZWt3JuLzwW6I7bjk5YDPJpb7RtN12ZDqGm2d/5fKG6t0lx9NwNMD4Qv/HNzrF18IPG2r6QmiRW2vT/bLm3hMcdwFktXM5wOpG4f8AOOtdLYeI9P1744fHe/spN9jqnhq+FnJ5bBpisUR2qCOSNjN74z3r7Iu9Ns5rKK0ksbSWziOY7aSBGjTHopGB+VNTTbFZGeOwtEl27TItugYjbtxnGcbTj6U7gfB0uoaTrP7H+i+FbGFbrxhNrbBbGCHNw4LyEMc4OChXaTxnFdR8S7ODwnruq+JPDXieXQ/HejafZWeqaVdQZj1Mi3jRhEDkSKRgEHupI619k2tlaW7ebBZ21vKg2rJHAiso9AQMj8Kmmgt7phLNbwyyA5DvEpYH6kUXA+M/Dfiq48D/tKaL4t8V6ZNoFrqvhWNPJitW8tJWiUGNVXOBuQcerGs3Src+LNS/aThsUmuW1WCS608bCrThLiR8LkDnB7V9vbkkmV5I0kdDlWZQSv0PamGZ0Yyxny5M53oMH8x29qOYnlPhvxZqjeMv2PtC0TTbW/m1Hw7PC2oRfZHRIf9cgO7BBPzDoK2NS8d2nij9prwB4mXTtQOjR6ILKRri1kRZZTDcKVXIJb5pAgY4Gc19htK6YVW2r3UAYPHf1/Goobp1kxvI9/6fr+fNK6KPi7wHZ3fhj4keFz8MZ9UudH1i936p4X1S0Ypp6gjeXLDaCFzhxz8oHOK2/Afw1v9P8Ajp4l+HDiQ+CINWi8UTA/xwKrGCLH91ndAfaE19ca5Yza54f1PT4L+bTrm7t3gjvoRueB2G0SAeozXM+Afh6ng1b+7utVu/EOs6i8ZvNVvFCSSIilYowvYAH8SSTTuI8Vjhv/AISftKePfEGuaZf3ei+I9Oc2d1a27SK8m1G8rjuCrL2rw1fhd4n8H+E/hst7od+b5dfbXZrdbZ3a2tibdVL4BwSYn49hnjiv0Iy8fyBzjGG2nGT6/WoxJJ5j/N945PvRzDPk/UvCer+JP2ivi2bPSdRFnrvh68021uZbWQRy3CwQjG4jBJaMjJ6nJHWvM9a0LxbffArwP4ZHg7XIrzw9rM093MbU7Pnd2QKOp+8R+FfoHG8nljMjEehOelI80uQRI2Mk43Hj3ouB5f8ABSYXGp/EqRAwSTxPJKu9drYa1t25HY816f74rzv4TjbrXxNx0PiqYY/7doK9DZuMZpAOYiopFyKdnNJkdO1Aluea/EY/8Ir418HeMV+S289tB1RlH/LG4P7l29kmC8/9NDXo00Yjdl4O04BHf3rJ8aeE4PHPhXVvD07+Uuo2zQpJnHlueUf6q4VvwrI+FfiqXxh4C0i/u18vUo0NnqELcGK5hykoI92Un8aCjqCD2rmPiR4a1Txd4G1nRdHvo9M1G/h+zLdTZ2pG2RIeOc7Cce9dUvHGc0xmOfQ5zkUwPG/iZ8BD4u+Fvhzwdoeow6YuiSQSwC4RjBciNduJVBHBLbiD3rlLX9nXxlp/jTxJ4lt/FGmwXutaZ9hMlrbPE1s21CrRDBwB5agfWvo5lJznkHk57/WmMu4c/T6fSi4GF4N0i/8ADnhvQ9P1G/OranZW0cU18+c3Ei9WPoSK8ssfgRrvgHXPEdx4E8SW+kaTrzGaez1G2aQ20mG+aNlPX5u/oPSva5M/MF3EtyQuAf8AOcfnXnniH49eBPDmo6jZXmsgyWE3k3clvC8kUMgz8rOq7Rj3NAi5b/DeC/8AhbF4L1+7n1iNrAWl1eTEiSVgQ3mDJzkMBjPoK84P7N+qX3hHTfBGq+MI77wfZXCSRxw2pS6lRTlYXc8bRnHHpXq3irx9oHgPR7fUtZ1CO3trhkW2CoXe4ZuRsTqxIwePWqvg/wCKHhvx9dX1to2ofaL21/11ndRNFMg9SjfNjkc+9Td9AM34l/CHRPiV4HHhe63WUMGxrGe3AD2roNqkeoA4rmIfgfqGveIvD2p+NPEa69D4fIaytba0NujyjGJJCxO4/KPbivSvF/izS/Bfhy717VWnXS7RVaZ4omkIUnGSAPu9K427+PHg+y8D2fi6W5ul0C7uPs0d0tlJ8zAlScAcDI70czAzfit8GLj4k+KvDGtw66mlSaA/m20H2Uvvl8wMSxLdMKo/CotW+Cs+ofGrTPiENbSB7BEhFibTKeXtKuC2/JzvfHsa9G8PeIIPE2iWGr2YkFnfQLNEZFKMyHlSVPqOfxrQ5jy6rg5zwuOfwqhnm3w78O6/Y/EL4ha7qslxFpWo3UcFhYzy7gEj+86jJChj0A7Yr0FVMZBxvKEcA4BPfP4Vxniz4uaN4V1TUtPvINRln09bXzTBbO4PnNhNpxyRn5vQVU134w6XoHxL0fwLPYXh1PVoGntbrC/Z5AEZjjJzxsI5FKwDtS+HuoyX1zPH42123gkkZ1ijjh2xgknaPl6Css/DXUdpY/EDxGf+/A/9kruppne3kIAzjA7g/lWPr3ibTPCOhjUtav4tPs/MSHzZehdyQoGO5INSBzqfDW+5B8eeJCuP70PX/vilX4YXLISPHfiTd3XzIv8A4mtXVvHNlo/i7RPDj2t3Ld6skjR3UCAwRbQcb2J4JKnj0p/hvxnpPiltUn0q9j1CKyna3nW2BOyROWjznk44p69hGMfhXLtyfHPiYewuYh/7JSN8JS3H/CbeKMf9fcX/AMRVrwz8TrbxNqmnWMek6pZPfWUl4sl1EVSPZIU2MezEqSB3GK7GWYq+wkK5BIEjY4BxnHXNMZwQ+EYVdzeMvFT5/wCn1P6JUM3whRuD4w8VMT63yj/2Su+kb5RllUn+8wHv+WKzGvFa6RfMUljwByR6cen0qQPlD9pD4a63qPiDR/DXhyHxF4nvYUa5kmvX86KPf8oUNtUKOM8nvWT4I/Yr8R30yXev6na6BzvEdrmW4X23KcA/jX2mtxnfHvjBA3Ou4YAHrzTDIjKGZlVGG5S2AOvO3nnt09arna0EYPw/8FjwLoMemR6tqGsIJPMFxqM/mODj7oJ5x7V0RUFQSMY/CmCRdzAnJQksoKsy4IHIBz6D8akkXcu3dkr8p4x04pXLPLPFXwq1X/ha0Hj/AMNajZw6mbQWU9rqSOYnXpkFR6Kv5VgfDf4E6/8AD/xLZatH4qWe1uZ5bjWLEKQlxI6sq+Xxldu4D8PTFe2so+tC4XB75z+v/wBamB5z8cfhjefFLwKfD9peW9kXuElmmuUdvlX0AHPU1W8N+CfF9n4r0bUNZ8QWE+l6bZvaDT7ASKsm4AeY4PBOAO3HavS5CFbio8j60wPE/EHwJ1vxnr2j3Wva1ps0em6kb+PULe2xfSJuJWAsMDaOOD2Aqnp37M97b6P4p8OT+I0fwvrE0t2luloTcRTHb5ZyTj5SPyFe7Ejnjj6Uh+7jtnNF2B4zdfBjxnqHgufwzf8AjGxuLNbL7DFHFYkB0Hy7pD/fAA6dcVrXnwn1G++C6eAZNVt8rbRWX27yW2GFHVhhc9dqLXqHG0AgYHbHFJwOgA79P8+lF2SeMW/wF1PT7jwvrGkeJobDxJounppssxt2eC4iUELuTqDg1d/4Unrc3xD8O+K7vxVFd3GlM2UktChkV9+8Ag8DDkf/AF69cVg3X5v97ml29cHAqiiSHO3JGPxzUy4PNQK/WpFkCDJ6VIE3QUBsioVk3EntSiQbjmgsnVqcrBvrVdZBkinJJhs1QFmjaKjWbc2M4pytuJG7NMAbtTwflqNvc0hkFIBWYn6U2kZhnjpSNMvOKAFb7tRnOM5pwYsue1RmYKwWgBvLE9qTPrSySDHvUW/dyaYDmpKTdRuoKPcvI2tyeac0LM2S2QORSls4JGaGnPoaDApzXaRTeWx/edh61NJJ5ij09ahvFWRNxXDD7rEVBDcySKVCbsfxCkBZd0jQBTURywGRhfWpo49vLLmpQ24fdwPSpAhhVY/u/niphIu0hjzTgwHRaQx7gSV5oAjP+rI61GylgOOlP3PGpyvFOW6P/PM1AElvIPLK/dYdabHnGSMj1oExHSFvyqJr51ZwLd8L/EelAE/G8sBxU9sdsOf89apR6g0ykLAcmpbeSdch4Gx65oAuqd2D0pWm2qcDOKi8x9pIXA/umqsM53Orgk0AW7efzAWK81M2JOBwKpW8J2sQxxUqsQpH3jQBLuJwi8gd6ZcL86Cmxq6qTSBi2S3VaAJEzl+OfWmTeYiqUHTrS/a84Xac/Sud+IXjzSvAehnUtau/sdruCKqruknc5AjRe578elAHQM8m35lGTUqkMoB5rl/CPiC/8R2ct7daFfeH4RIi241AjdPGw+8F6jGO9dXbxCRRIx2qwyPxoEN9cAUeQdwI6fSvKfjT8erD4MarpFlNZNqdxqGZpAkoQW0IYLvbI7ncfohr1rzvOVGgZZ45FDRyL/ECMj8xzQ9hlWdW8sqOuafsAjHTI7VXl1WGK4Fv9ot1uc48oyKX5zg7c+oIrx7xJ8bPFWk+DvHGvJoNjaJoV1Elo88xkjuoGlZCx25KsQUODSQHsLsfMGxwR3FP3qwIZlrkPhV4muPGfgvRdcvLeO2utQtVuJYo2LRoxZsgEgdh3rE8UfEDWLW+8Qf8I/Y6VqenWOmLcQ3ct+qqbtpAohkIPyqBu56/LVAegXO3coDLgfnT4YW2kbgAfWucm8VaLDo+nXOoa1ptlJeQLIjrcKUZwFDiM/xAOSPwq/a+KdLvlvRbavZXRsQDd+TKreQp6FsH5RnuSaQjRaMqxGc/SmR8McnkVxurfFbQ18K67faTr+jXN7Z2rPEsl0AiynhN5OPl3FQSD3NReB/iAk3wu0zxN4s1TSNPeXelxd29wv2QuJHUBHJIJwoOAT0NUB3Kx+bkA8fSlEKxsQOleB/Dr4z6r4w/aQ1zwvZ6zaax4SjspLqzkghRTnbEdpfdyULsP+A816afi94HXWF0z/hK9MF+8phWM3AwZOPk3dN2M8ZzQM6qSEdqRo2Ck54o1CaHT7W4ubqeO2trdGkknkYBFVeSxPYY/nXm7ftGfDWNQ83iq3MG3zQ4STEkYzlgdvKjGcj1oEejLD/Fnj2Gfwoe3OMYKg+3614Na/GK70GPwRqeueNNHl0bVLu6cyW1rJi8hztgSM4wGVs7vpnvXO2fxsvfAf7SHjTRPFfiWZvC9jZeZbwzQqXSR/JfaAibm2rI/XsDSsHMfSjRqeSeRxUYtxnI6VxS/HTwG/gWDxYuvRf2JLJ9nSRVzK02OYhGCTvwQQMcg15v8V/2ttI8L+H5z4bs57zxBDdQxSWOqWs0CxRsGclsqDkgYHPYmizA+g1+ZcHO3oeM/wAqhCqrdgFP8PX6V4N4l+N9rq3jf4d22m6zqvhtL2+Cz2F9o8i/2gpZBsDEcYJIyMfe+lReEf2pRrfjjxpp91oOoSaZpVwv2GTTrKSWXbllzMApxnbu5xxRZkn0DIpXBOc/eGPT346VGoXltwYN6Gvma8+MltJ4Pl8eJ4z1oeFpPE/3I9MH+jwqgP2VxnIVsjDdc969J1T4+aDpeuQ6TbWuo6zq1xZLqX2DT4fNkht2UMGfoAcMp2g55osyj1BmC96POReSf88dfwzXjfhP9pbw78QPFlt4c0nSdZh1CeB7sC6gVCIgoYMRu75UfUn0rLuP2lfDs2g2esNbalaxXOoDTbazaNTNezBgGCDdwFYhS3TJNFmB6b4Q8N3HhvVfGFzLNC0etay+o26xknarQxphvxQ107ToWIHTOK8Pvv2mtE0u18ULe6PqlhrPh0Ry3+iyKnnJE+B5oO7BUbl/76qn4f8A2pNG1DW/DNld6Lq1ha+IyI9Pv54lELSkhPLzu5wxxnvRqB735yUxpgDwa8Rt/wBpK01bR/HV1B4cv4ZvB5X7dDLNHukXe6OyHOONmefWu88A+OLb4geA9F8SWkMlpDqUZkWCUgtHiRkIOOOqmmB2X2jDcnuOa840mRfB/wAZNf0ZjtsfFNsut2ZA+UXSHy7pR7sPLfHTk4HWvRPs4ZWzyO1eZfGaCXS9EsfFdqGe98J3sepBFJ+e2P7u5Q/WOQn/AIACOaYz00TKqbs8MciiSVBjnFUPtVvfadBd2svn200ayxSA/eVgCD+INQ3Uo2x9cggGpEaRuB0HSopLhV5PTvUUUfmDnjmqE100azR5BIbr7Uhl5L4JNG/zEKQeFz3HPX618Z6k2v8A7L+q63ba7o8Xir4YeIbtnmnUg/Mc9T/e284PX1zX2IsMcds0kgzgb22jkqATgV4UP2dZNV8P2fhnWPF99qnheG5W7fTXhQO5DM2xpS2dmWbgjv8ASqTEcv8AELU4tW/a0+E1mpEmkRaYLmxjdQFy6zlWUdj8iDHbipfGEjaf+254MubBW8280hvt/l8NIuy4Hz9DyoT8hXqXxI+DWk+Om0K7S5uNF1nRGBsNQsV3PEoIIQg9V4H6460/wj8H9O8P+KbvxTqd/c+IvEFxAIDqF3GEEEQIysaDgH369fWncVmcz8bfiRoOpfDfx/oNvd7tWj0q5cxGFlVhGyiQhjwQpZc/71fPGuXHiv8A4Y405ZItMXwwWjaOZZJPtn/H223K7do+bIOD0H4V7x44+DGrfETxpfzalfxaRpdxbXGnObFzNLcwySoVGxxtjOE+Yg5PU9sbE37O2kXnwntPAT65qA0eC6NwkyxxmXBYuIjgEYBYtTTJszsPhxKW+H/hRmVh/wASq1BI6cQIT+A5r5w+J/jLXvD/AMUtesvGmq65oOk312E0HVtLf/Q4IdwADKB82Vxkk8ENkcV9OeB9BTwtoOn6NHczXsGmwLbRTXGAzRpwu7HGduB+HNcLrX7OuieIDNBqWta1faNJqLaodJlmUxec2ehxuVcE9COuOlK9mWeA2PiTXLzwJ8doH1/UrmTQb6NdOuGucuirM6oA4x1A71RvPt3jbx98AvtGqXkF5faDmW/hcfaD8sxOMjqwyP8AgXFe+a1+y34Q1jWvEV+13qlnFr3z3llb3QSFpM534xzzk46c+lOb9mrw3s8NOmq61Dd+Hbf7Pp9zDcKJI13MwPCY43Ec54quYDwbT9Y+IbaX8VPA+g6zearc6NqUEVnNJNuuzF5kqvGrnnJCqfX5WxXEfETXtP174c6jPb3eu2eo2eo2drfaLq108iQMUkHmIzHJLFGPPTBxzzX1tB+zx4WtdLltY5dUjvJL9dSk1dLordvcLu2tu24P324xjnpTLr9nPwffaTrWn38F5fzatcR3V3f3FyGuTIgIQhgAOAxGMdzQ2hnlXizRT4O+PHwz0TTNZ1kaXqkc6XEUt/I/mMA43HLEDgrjGK82+GfhiE/Bf4r62l/qcOq6TezrbSwXskQ4VCHcBgGOM84r6ch/Z28Lw61o+qi71m51HSXElrNcXxfaQ25t24Hr0x0qzZ/ATwZZ6nrN7b2N2E1YS/abM3bm3JkUqxCADnDHrnnkY4qeYmzPnyHxJqLN+zndpqt0099sjvB57sJgsqhd67sHJZxkjsfQVR1KS90vxxLpXxCm1Y2+vasDpnibS75zEQWwsQVW27TwOm4ete4Q/sz+BdMbSzBb6k82mz+dazfbHcxEEMFHGAoI9PX3qxJ8B/DWiWcd5Yadearc6Us17p2kz3haFbgruGxT0O5V6/3qLjPAfBA1DVPt/wALr+81B9ci8UedPefaZC6WcUe6Q53ZHAUAdPnFWMz+Kl+N11q13eQ33hweVpax3bp9kWLzAmAGHDFEBJyTnOea96+Gvgu7uPHHiLx7rWijQdU1ZIrSKyZw7RxIqh5GPTc7bfwUe9a/iD4L+EfFWq3epX2myLdX0apeLb3LQrcgYIEiggNindDsfLvgFrn4i/FTwXHrl7fSf2x4Yae8Edw8fnyJ5qK5AIwCsaHjFctJrl/N8C9Jmk1G6eXTfGDWcU/2hi6wsqEoTkZGRkZ9a+zLr4M+E5vEkOvLYPDqcEIt4pbe4ZBHGE2bFUHAG0njHesZvgD4Is/DN9osWkg6XdSJPJBLcOw8xAQrAk5B56jGe9O6CxwXhO68r9rzxZb20m60l0XzmiWUum8mAthcnB3c/ia+gY5DtGBx2JrgfDvwc8MeHNctdY0rTTZ6jFD5PnJcyHK7dpBy3zZHrmu4kWZc5Kg5JOOlRLXYEWNxLEYzUTgsxqCQyRKrZ+tRfv2bOeKCy0wI5PNVmuMUu6ReSQR6VVFx52V24xTETi4Y9OlN+1HdtPU9KrPdNCFCpkGn7d0iseDUgTfaCWK9wM1MvPXmqcMga6ZW67cZq9xxjrimAoHpTgCaIz2NOJx0pgMAZajkk2uozUpziqt0oLKc4IoAWaUowwetSRyHbwearSMDIoByalhHlhg/WgY/7QcHB5ps0zxqGLcVH5ZCkjnnipLkiaMIq5Zv0oAkheUxk9e4qS1uwwJztI6io/MaGLlegxtotLdlBJH3zmqAtNIZOA3NMWQ7Dk5x0qR4VjO5RzioY490bZGKCiRWkkHB+vFMVt0m2nwsQvIpgUtOTjAoAQybfl3fhVXzHeQgHBXvWg1uCeKpeU0cjcZFNMAhkaRirHJqbaagjzHlyMCnx3SycAj+tAEn50n50ySQrknioP7QX+6ad0NHv63CtnjFOEoeNiDSJtEeAeMVWt2+aQAd6RiK1q1zIrM5wP4abbosV5IB0x0qyrY+tVo/m1CX12ikBeVh6UMfypv8VLUgSLhe1OJqHcacHoAivs+WDnHNTIMAD2qC6QyxgA85qwmNoHfFIB4P1qO4AaM5HGDn8qfzUdwf3Mn+6f5UARaadtrHx2/rV9fu1U0/H2SHH92reaAFVRuz2x0qpaxN5suUOOxq2tOzxQBWhjYb1KsOOKfbWbLEzMSXPTNWlbdTmk6AVIEMUZVQMYp3ljceOKkFIc54oAGC7eg/KvmP9oSx1LxT+0Z8NfD8V2tlbx2/2uCaeHzI0m8yUk7SMM37tFHPVq+mipxzXLeOvhnonxENhcakk1vqOnyeZZ6jYt5VxCcg8MOoyOhyKBHjvhX4neIfDvxq17wJ4y8QQahpEdr9pt9Vu40t5EbYjBSRwOrDHqpr6Fi3SPGkbJIrY27e4OOc+nv7157qX7OvgvxBY3UOqwXWq3t7NHLdalcTq9xNsBCqWxgDDHOAP0rvNQ0yDUNMuNNd5o7WS3+zb7eTy3RANuA3Y47igD5K+JVlqXxVtfiZ4ht/Dl1q+nSSRWul6sroIoLazYmQ7CcncwkJx6kdK9Q8G/EDU5v2VbrWbdi+v6PotzZHawcrLACqscZ52eWwz+NejaH8MdC8PeC7nwrZC9XRrhXDxm6zIofG8I/YHHP1PqaZ4J+GXh74fWl9ZaHbyx2t8R9ohuZjKjYGCSpPUjg+tNDPEPgH8N/CXj74V+FvEOsjztej1ia5mvjc7pZZhMyJE5bJKlQh2jjFeW6Lb21r8Nf2i7ezAhit9TjjRSgVUVb2QAKPoB+le5/C34D2GmfELxPrl14Z/sfQRNGuj6fcSs2HHDz7NxwSQcE9sYrtLX9nvwFZ2t7ax6C32e/dJbpGuZSJmU7gWy/PJP8AWkBF+zzZyw/B/wAGSMVIksU2qOcje3Ud+PWvm/QG0rR9S/aOsL17SC1mtp1gik2hSyzThAqnqeU56819i+HfDem+EdGt9J0m2NpYW+RFDvZtgOcgEknHNc9qvwh8Ga3rV7q9/wCHLO6v7xCk8sinEgIwcrnbnHfGc89aoR8SeK40uv2U/hhlYVum1q/t923lV3OWXI5Cj5SP96vXP2sPhlpPw4+Et9e+EdJ/spNTvLW31H7LuCNAscrR5APCs4TPqSCepz7QnwK8A/LZt4Ws5LSHMkUMjSMqMxG4gFuCcD8q7m40WwuNKOmTWVvPphjERs5k3xlR0BBznGBz1o0GfGHxL+H+l3GnTeKrbxb4cef/AIRmeGPR9Ht9qXMK27bd4z94FlGTz8oxzXFR3hsPBP7Pf9pyqPD0Gp3Bu3Lfuwy34BJHf5D0J4BNfccHwl8E2Njc2dt4T0mO0ugqzw/Z8hwpyAc9sjp0qeT4deGG0FdFbw/p50pZTOtm1upiVyMFgCOCR19aYj5Nv72LUP2mviM/hWWF7ifwtdx2RsdoWa6Fom4IR94kg/dH8NcbNfabffse2mkRJHN4kXxExS3j/wCPzzN7ndt+9kpt56ivuyx8DeHNNv7e/tPD+mW1/bKFhuYbVEkjAG0bSBkcccdqSPwfoMGqnUo9C02PUMk/aVtIw+SME5x19+tFwZ5/48bTbf8AZ/msfG2oTWts+j2lpqF1boXmWbbH8wH/AF0A3exNfL63PiPSoPEXw/a5s/Gej23hu8l03VrCMSS2MLQswVXA4BKldp7ketfcN1p8F1LNHcwx3FvIMvFModW4wcg9aXSdD0zSVkGm6ZZWCyjEgtbZI949G2gZHHekgPz28XeMtJ1L4C/CPRoJs6jpeqTyX0YRgLf942N2V7hux5GM9K9TtfE2keGv2zvGuq6zNBDps2lrsnmXMcm+C3bAPZmUPgf419bSaBpioIRpVgYN2/yjaRlN3PO3bjuafJpdnNnzbG0l6Z326NnAwM5HYcewpi5T8/vAngnR7v4OJZeLZr7w5b614hkutE1FYyUtpY4ApeQdlbdt3Y/hyOeapeONW8beNvg/4gt9XVtftdF162ih8QQ2533cYSdW+bbmRVOwhu3mY7V+h81tHcQiOVEkjUALG6hlGOnB4qtJarb2axKieWg2qu0bQOOMenAqrhys+QvjJ8QNM8d/Ez4MatpX2x7PTNRWW5mktZEEa+bAc5xyBtbkY+7Wt8LLq48C/tC/FzRtT0zUPM8R3W3TTBbM8coMkpDDsFKyqc5GAD6V9WQqu1WaNWYLtUlRwPQe3tUmHKkFjkjB56j0+lSM/N9bfU7H9mjW/Akug6suuwa+lxJi0cRpFsCglsdd64xznOfSu7+IWl6Z4gt7fW9Ih8ReHfG+naTYRWl7a2sjR6kfIUeWcchlO5cnrjmvt/y3SQy+Ywz/ALR7dKryXWBt807R0GSBkds+/P50XA+Mvil4c8d6DcfCPxvDamDxzqNmdBv4vK48+RSId6+u2RiewKCuq+Mnwb1Hwzp/wnvPDen3GsWXg+6QXsdupeeVfNhdpuB8wZkkJGc817BpPw1s08fv4qu9Y1PVmjupbywsb1gbaykkXazqOpIHT06jB5r0KNVjxlskAAc/kaOYD4v+IngvxH488ZfE3xzYeH9Uh0nUNITSbCKe1dZruV1iXd5eMgARnk8cVQ1Xwr4puPDXwNWPw3rLyeG5BJqUS2r7rdY5os44GDlMj2+tfb8jKGDBjuOQWDYOD1GaZNJ5gKs+5fRmzRzCsz44m8C+OfD+vfHDS7XwhqOpxeK4JZ7O5iUGMJvkYEk4ycPyuOq17V+zzoup6L8F/D+k6np91pupWLTQTQ3S4f8A1jOGA/u4YV64sw4w/IO7qDznNKZE7sTxtznPB60MZE8rquduQelZt9Zx3VvcJdR+ZbzIUljIyHQjBGPwrUaaMZ+YfT0qGS4T+JgVHfj/AD3qBnNeEfDI8I+EdN0G3upL6Owi8hJZhh2AJwPoPu/hWvcRSNbqGjAOcsMnI/SuX+Lmi6z4l8A3mmeFtUGkatcXFuBfeZ5ZiiWQGUg9SdtfNfiHwD4u034hWegXnxJ1jxJA2lXer6hGsrw+VCi4j3HPBdiOmOKaQj69Vpo1Ajj8wE5HPpyR+WKjXT2kjPmY3yDP0r5G+A/7SUXw5+CekT6/pmtapY/2lNBda0p8yKEuxKgk8tgZ/EYr68g1W2ureGeKUSRTIskbAYBVgCD+RFUA0RzeVsGMjAyfamT27Ao2T+7/AIs8fTJ6UXevWFkwS4vILZym4LK6gkZ6jJFfPGr69cfFr9pnWvBt7d3kHhXw3ZGX7HYztC1zP+6AZ2Ugn5pT3xhRU2A+gJIWuGAfaq5wOOPX/wCtTZN0eVGxR0bkEKPUkHj0/CuV+H/g+38G6RqGkjVLzVbK8vJp4Vu5HaSGKRdoj3E545wc5r5Q+DnxC0fSvhz8S9O1u+1GXUpzNFatmeU7FhYxYcHCYdevU9+KErhqfab2qSMMNna4dirg+ufx5FWWikZSA5GRjd3NeG/sd332j4LW9zO8s9xLf3DTSzSmRiwYqDkngAALgV61c+NtBsdXj0u41izi1KRkVbR51WVtwypCn16/jRsBqWsH2dQvXkt+Jpbq+ttPt5Li5njtbeNcPNK+xE5AGT6EsorF8feIr/wp4Zm1HTdGn129EyQJZ25wfmON7HnCjv7V4xdfF+88X6l8Q/h14n0ixivLXw9dXizafOZ4HXylO3JA+YGQHp2oS5hntz+L9BDWu7W7Efam22+25U+YQ235PX5gVxV64kEKzPI3lrHlpGYjCAZJJz/DgGvgG1mgg+D3wK1WRIh9n8Szq8jAKQoug/JPQY3H0r3bUfi94k+IGi/Ee50+x0W/8HaZBd26Xjyyf6aiRlmUYGR8rdQeTmnysD2O68baHb6pZ2TatYJdXuPssSzDdMSSq7OvVhjrV9rmUXDhQroBwSc18X/b7e//AOGddTsrC30kHU54liiywQLdoAAx5Izk8+pr7Ntt0cxU5Jxt+bmhp2ETec0SgvtK4ycg4GelVNY1zTNJdItR1a1sZpB8qXE6qx9OCcg9cduaxrz4oeF7PxZH4Yn1eBdcZ0VbLBJLFd6g/hg/jXhP7Oeh2PxasfHmq+KbaPVdQvNUeyM11HuaCMRZAXP3cE9sdKVmM+jtS1G00+xnvbm4jhtI0DmeRhtCdiW78EVQ0/xdoV/LFbWuuafLOzYSOG6Rj+Az2xXz9+z3rFz4g/Zx8ZaVqUhvItLW+tImuBvYp9m8wA59GPHpivEtFl0zxB8I/BPhPTdO+x+MbjV5PJ1jyBCvl+Y2f338eMxDHbBFFmI/QfyfKyNu0qehGOntT1+6Kgt8xQpG7B2VQrMOhIGCfzqYuDzTLGyLubPU1Bcr/o7D0GetWC4281XkkVyU/vVIyO3jXaDgZI64qSZfxoiZUUKDnFPkO4daBFC6iJXrxThGTHknNNvpfLhJPzYPSnQ8xjPcVRIxh0GKj+zegxVlVDHnihmHTrTAoSWvl/d+Y9xSx2wbkjmrLAEDNJSKKbWarJuzzVgdeuaPXNJ5gpgPzQOKZ5g5pI5A747UATZ455pnlhzzTl702gA8tUboM+tSeWDjimU4SHHWgCTaMc0qqAvAwKarZNSbgKaATy8sCRyKnQ7cetRq4xmlSRWJqyiUAUjDgjtTVXLZzT2wKQyGRtsZPemw/MM0lxwppLNsrhuKQEvTmo2XI96e3J9qCRt96oCL7o561Wmt1kYEfKfUCp5GyaRvu9aQFNBmQhjuAqb5PQflUDNtZqmG3HSkB7v5fT5sU+OERjC8U1WDYIPFKzUGI7aOc1UWRFvJPmA+WnXUxWMAck1DDbpuJYbn71Iy6JlYAhlp3nJ/fXPpVdY404K4/Gni1j+9toAd9oXccnj1zTlmV1wpyfWm/Z4/7g/GkEMdufMC44oAYtxtVnY9OAKdYyvJuZ2wuaoW8bXUsjucIh+X3rUtV2q/AFSBJ9oiYkBwSO2ajuJk8l+cfKaf9mjBJCLnucVDMke0hRz6UgHaXcI0KxbvnUVfXDfSsSNCzBc+XIOhrStbre21htYdRVAXKKZv/Oo2uArBSMs1MCzGQKeEB5qBjtXINPRs96gCTJ6Zp1RbgOhqXOe9ABT1YLz0PqOKjGe9K2KAHN82cjIprcsKVW+Xmm/e5BoAkkY+XjOR6dqiVSy8jjOcHp6U7cM8kmnNMi8AY96BFfyxtcZ+Y9f/ANdP27WJYcnmpSy7SAc1FJnyeW57VQxrdKj/AIafuXHXNQSTLGhYnAFMCAIxuGbt0qxuJ71RGqLJgohIJ61dBG0UgDHb+tIVLMaUHuTgVG0wVSQc0wF/nSNnacU0XCtzTGuF2kZwagCjNKFnYcZ2c1YtGG0fSqkiiS5kZOu3BNPiYwxqOhoA0AqLkk/hUDAdulRNdIfrR9oTuaoBWx6VBdYMJHQ0s1wqtjPXvVRrjzo8Ad6V0BahPyj6U7ccmo45Aqj1xTWmK8npSAdMquu1j1rKuNNbnD54wAenr0/GtISiTkUkh45oEYltYy27qJACo4GO1aKWMSr8obnnkmnPJ0+XNNa4K47VQDWsY26r+ZpjWMf90VL5wYAYpJDjp170BqMWziz8oApfs6hsD7tMhuMd6kaQbcimAySONc4UZqrJbxnqgK9xUkk+GGec1C8w28HnvUDFa2hMLFo1AwSQo5wBkYx1PtXjXws8J6hrVr488Za7p81nrXieWWG1tnQGS3s4o2WFQD3PXHfAr2P7WFUsTt/Q/wCeaje9E2WZy5P97mnzCPiTTfh/401D9nSD4YnwZqsGtXWri8NzcRBLeCJiGBZiT3BXA9a+mvh3ceJbXxBqfhrUtES38N6LY21vp2rAEm7ZY0VjnPqD2rv2uNynLkjOdpPH1+tOMu+PIwWHIyKOYDjvHPwg8IfETULW98QaV9turNfKhZZ2Xau4nGFI7nqea8u1r4Z+Jfh9+0BfePdB0g+ItC1mx+yXlnayIJ7d8RfMMkcZiQ8dnb0r3e3vhcLvDEhTtpk18PMEZkABBO1mA3AfeAyfQ5z0pKQHL/D/AFHxNfaZqN74k0c6TcG9lksdP+UyLbBF8sMQ2N27cOfWvE/gn8NfF3g3wB8R9K1Lw/LFd6sHnsIfPjPmF42j8v73y7dwbnvX0BfeItN0tIPt2pWtj5ygxmaZUMnIyV7MfmH/AH0asbmVdqjax9DncScdB170/QDwP4b+Eb74U/s56hpXjHSruG4sbyS4it7O5/eXW9lMShoyW27hhuneus+E/wAM/C994W0HW7zTl1bXIDg6tqMMizNIjtjG/napyqk9VVTXp+p6hHo9rPcXVxHZWqHe8k8nlrjPBJPGP8aLe5M0KSIwlidA8bpypXAIKnpjbSA4X49eEfE3jr4eyaX4XuvJ1BrqKaWMTGA3UI3B4w/Yk4/AYrxrTfgf410P4ia14jtfD+kwWuqaDNpa6fa3wAgaSJEXcxHJ/djJ9XNfSd94l0vSlkF5qdnavHEs0izzqmxCQuWB5xlsA9M1P9oWeMbW3JjK9xjAwfyxVp2GfJE37Ofj24+Gvgjw3/Z+myy+H9SnvpTJeqUuFd1cIRjv84/Cul/4Ub408JeIPiBb+Fk0weEvEtrLEljcXeDBK8ZBdBjgBmYYHGMV9GqQ3QY/zin8qzE5YnnPWjmA+XLP9nvxvZaX8M7NV0kt4PvZrssbskXAaYSBVGOuFx9TXrPwT1LxBrmm+ItR12RpLW41mYaV5iBG+yoSAeAO/TPPFehSTbJAQSmMcg4PHp6UwOeRn0xx0x0o5gI5tD0x76O/Om2c2ooykTtbr5hYADJbGegryCx+DfiX4e6l4pPgbVtMg0bxFK0vlamjiSykYfeQgEMRk4z7V7EZnUDHI9x0x/8ArpvmEoMEj6cVNwPPPDPwhj+H/wAJ9U8K6RcLcahe286yXdwjASzyrtdsYzwpNeZN+zBd3HwdtfB13qVmNT0m/e+0zU4UbKK5ywbPPJ54r6KMf8WB+VMLOPlBwB09aOYDJ0CbV7XQrCHWGiutSjjEc81vwjkcBgD0yAK2o5m8sZXFQspPU5PqeacpOMUgGTXEwZQE+Q96haZkkzjJNWmO3rULQj72eaoBLNW3Png02aZ4+mKltxtYknAptxHycGpKKU00jD5lz71Pb3BU4bn3pPJ4PpUXKtjHFAFuSbOeeajVqZs7k0dzjpVAS7hjmmSNt5BqLcfSjlqYDJJvfFRLMOhNOkhbcxI+XtUe0LnHNSAPJuzg0kDOsmc8UzJb2p6fexSJLf2jDYpwkLfSq+NtSxHcKooJWYYwcetOEny0yTO6kAPNMCRZvXrUhlyRiqmOelTquV6VQErSnG3PNLG5CkZqILTo1plllZdtK0+7JqMr8tRclaQCTXAXBY5FLHepI2wfLiqd9GdoqK2c+dtxnFAG0ZBtGOtRSTfKcdab8230NRPGdv1qgFEhbrTJJsHHXNGDjFNWMhqQFXzD5hHvU/niq8imGQt2PtTfOX1pFHu636hVC5J9KlF03AIwarrblZS3apJsqR3zUmBPuBOab521sZoEbYFMaEl8nrQA+SQ8HNSJcMxCqKjeFn2805IWU/KcUCJ/OO4Dv3pkkhkyucUKrK2c80ySMsxIoGEcnkqFFWbWTkg96qpbvtBBBPoalbzI1DHg+1QBf5HGaqHktipVkJQH2qGPc+7bye9AAsSSR53bWBqeSRVjUg85xmiKEIozzUF4ADHkcbqAHm7KsT2zT5GLMknpUUsJEZwcljViOE+WFPNAAyv5QbrmnlztUdOKk8ssmM1F5bbhk0AMWYqrZ6qaubgu33FQ+QOtO8luMt06UAWYWLMQaWU7cd/WmQ7g3JqSUgKQeFNAEazBl4ORTPMaMjH8XWktbcRxhQc8n+dTeXt6mgCDa7McE4o2nqTThIVOAeKfj5cdaAK8lwV4pjTDevNTSQiT6VC1snXPNADd+7dzimTYCgHnNO8lFyd3WmyRh9vzdKAKGNjYUfL7VpW/+qG7k0zyVVSRUsYVV5NAA2GTFVdvVe1WT0O2q6ht+TQBGyhe+DUXRs9auMueo4ppVegFAii26ORnQZz1XvQ0wmVSAR9atsir0HNV5ISzZoGMWMDtUd0yxoMnBqdswrhh+NV5MTHKpuJ7ntQBTmJmwWOxAOnqadE3yhVGBVpLMcM7biORUnlr/dpWAhCnb0pnPpVvgDAGKQrgZpgV1U7+mBTplJXAp7MOO1H8qAKjRlQBUUkZq8y7qhYc0CI0SopmKknt3qweOlQT/dI9aoDPeXywMDBLYFTtIAcdBjA+tRvCJQvOCrU6ZNz5Y7UxkfWkMimm8uRQBvbFVIZfMklDjYy84qzHDuuBJnK4qKa32TSSE8NxtHWkA6OJZlORletMu9qwk7eegqSF/MjZF3IR0LCnfZvMUF33AUCMt1eOSNNvD80ss0kkP2eL5WY4ZvSrzBZ7wdlAx70LaKqsBlWJ60DPD/Fvx0n8OfEI+BND02zutVS3+1yXGp3XkROSMrFGccu3QD1rj4/G178TPivceH/EHhFdL17TfDd1dRW637Lu85FXypML1Idvpjitf4+fCXW/iJfatYjwfbakY4ov7G123uo4p4HIyyygtkqGLEZHpisTT/gv8RfAnxA0TxBYNp+vXTeHF0e8uLi7KbJQu0k8bmxtUZAPCk1olER5h8RPG0Pj79nXwbqlvo8enjTfEa6dbwRzecVRIcgb2GfmLDr6Zr2OT43+KtO8cal4N1bQLHTdbuNIm1HSpIrkshIiZ9jt2IVXxj+JMV5/bfs1+PLr4IQ+D2tbGC/tvEP9pxNLfIUKGBlYj0IYL+depWXwp8ReLPi8vjXxXDbaNFZ6U2nWllb3ImLu6SKXYjsBI5A9xRoB414d8W+LdU/ZU1bVtWTTfEfh1LhvOi1Geb7XKRPGoBYcBQzD8BitlvGfjDUPjH8MLPRLyx06C48MR3FpZTyyvbbDA5YSLwWIPAJ7KK1dH+APxI0v4M638Od2hzaddXHmx3RuH8xgZEcHG0jGYunX562pvgb40s9Z+HPiHSrnSk1Xw7pQ0q6gupHMQAWRBICMEja+7A7jFF0BzWpeML3xVdfGSHxDoeiXet+FtOW3+0eVL5dzFHIXKEbsgbo8jFP1D9pjWdN8KfDiWVbDQIvEEEjXesTW7S21rskeNUVN2c4QZJOAO1betfs++NP+Es8eX2ma1o4tfF1kIrxplkLpIR8wUAfKC5OOc4aotP8Agr420bwJpfhm4uPD2raPbWctpJaXe9ozIzuwnDBcq4DAfhSBlbS/jN460n4neDNF8RX2gvoHiBpGj1CwiLq6ru24bfj5sKPbeKq33x68Y6f4d0NvNs57zxVrL6fo9ybcIkVukoiEzDd8zOXUgdMCuZ8YfCrTrHwN4Q+GWma2134z07V0dTEpVo1nDPKV44RUZW+qivZfiD8DbbxR4Y8O2OmXw0i78NTQTaVdLGXi/dhRhwOcHaDmnoB5d48+OHjXwdqPjnwvcahZ3Op6Jbw6jZarHZhRPCxjBjaPkZxMGyP7v1FW/D/xd8dW/jT4YwaxqNld6d4ysPNMNrbbTbOY/lYHqecH0rofEX7N+peLf+Eu1jVddsT4g16COya4gt28i3tl2FlRc5y3lrz/APXqV/2f9Wa8+HV1J4is1m8FwR20AFs2J9rck88ZUAemQafugedL8cvG118EfGniB9YiGq6HrUdjG6WyASRttT5htwDuJb/61fTng/UpdV8O6PdXLiSe4soJnZRgFmjVj+prxO6/ZRmm0/xXpNt4wls9C1y+W+NmbQFkk3FgGYtnjgcele1+DtDuNA8O6bp93cC7lsraO285U2BgihQcZPYDvUsaOg8klevFNaBVHvT1k+UU2RhUAReSKT7OAS2aRpNtCzBuDQURSLu7Zp0afLyOal4xwaQOM9aAGhR3FQ3Clm4qZpAG4qNpBuNAEYjO3rTGXaD3pZJDu68U13G4c1RJUzmYjtSDKzYHKmpZB3Wo4s7yw6UiibbgU3uaC1M8z5qYDpDnionjUc9TTpJh9aZu96AI9obgDFOWPCjjmmO5WTg8U9Zt3GakA21KjBVqtJIUkA3ZoacbcYoAsK4alVhuOaqLJtwRwKl8wEiqAtKo9KkwNtV1moa4x0qwLC46Y5pygLVQ3HQgc96kW4Dc45qiyzuB6cUmzv3pkMm4Amp6QEBtxM2W5pFhEbEgc1YXA7UuwMKQEJYmmP8AdAp7Da2KY1MBMd+9N75pece1JxSAay7lPFVfs6/3atvJtBFV8v60Ae6FQvA6UoiG7PamKxZckU1Zy020jipMi0GxxQXUN15qJpAvakDZYZoEWNwzxSjjtUAb5iQKfHKW470DJtu6mn5eB2psknl4yc5pjS4+X1oAsRYbvT/LDDB5qhExjHXvVj7QfMUdsVAE5XGADxTlAjXiqvnMSeMiplbevtigCWOZZAT3FOZg6jeM85rPgYq5VRyTVuUncuRQBNHGpcsRU4xVeNztPP4UgmOwHNAFkSDk96apD1XDFmwD9akhkX5gPvUATqOxqTjHvUa578etR+Y20stAErMU74pySlsqRkVVa4LybSOaVW+bjrQBcTG/+7T5G28DBFVi21gO1MbLE4agB8zBO2ab5rdjgUkeduTzRwZOlADvM+bFJJwwCjimMfmPNMZm8xeaAEuD5UTSEcjtSRuHUNnr2qaYB4SCMmqixBQMHDUAStjkZwKBIEwKjmxu4qKQ4IxQBaLDtwKjZwvPb1qKSQGE44NQbdyjJ/WgC006ngHIpplAAquq/MaGxgetAE5ZPXFHy7d3WqvVjS7imO4oAGfdIc9KXcF4AwKikbDGm7xuwaAJjKFB45pGbKgjioVbcGFSYO3HWgBDIBzjNNab8+9NDeXlTyaaqt8x9aAIpphuyKmik3LVV4WMe6pIVZcdqoRJLOY8d6hM27kUtxktgdKiXcnGKAJUkD5qvcEipFXbyOM0kwK54zTGQq4jG3Ge5pWbd24xTGUhulPOcdOagCBVCOfSmyct0pzRuWyBQylmyaAG7v0prSKq8cUvltuJFQyQscYoAhkcGbIq5n93uzVb7KdwPY1a2eWpDdPWgDMnuGdtrEsF6Anjp6VEzGbCHkdwehp86nzSQf0p8cLFcg4PrQBUmkdIyASeenb8qiUFYxg46dP5/Xir72u1eOp601bT5CCaBFRmPc9cn8T1P1p5fGcjPpUr2vTBpzQnA4zQMozAvyck+p61AysylgTnnp1561oSQE5zxTI7UgEVT2AyjbW63gu1s7dbzGPtSwqJcYx9/GenHWpxHuOeh9R1+mfSrUlru9sUxbc4zQBA8IC5A59e/wBM+lV0TsfTFaSw5XNMa1G88UAUVi3MATlR0BqWQHnnNP8AJ56U7Z8uO9FmBUyaGPy1P5AprRDpipAo53SbSOKNtW/KAPAphh+bpxQBVZiuRURZhzV9oQwFM+zg896AK6ksmelR7z35NXTEAMVF5Qz04qgKcjnoBUDhmINaLQr1xUTQ7j0pgVV3KMU9FO30qcR9sUMgz1xSKIGj+XNVpW49KvFRzUJUMSCKYFNeScUeU3J6iru3bnA4pjfdxUgUZlbjAojXkk1bPSoX9BTArup8zOM05s9hU+OMGigCuqlu1SrHmpkIHFOHU0wISSvFOOWWpAA2M05lFAEKg1Kq46CnpGvpT19O1UMWJTtz3qwvQVGrcYpxagoduPagN1zTRj0pp6mgBG703NOOMVG3WgAb7uBTVUbeaWkUnmgCCTJbFO2t/ep8gHSo8H1oA9nj8xmKZwBUixsrDipP4qc3UVJkEikqOKaqu2MjJ9am/hpDQBEVKkjFSW4KsT609fuinelADZY92KRoiwGBk1Me9C/cFArkAhfaQVwx6UwwuHBPWrX/AC0jp0naoGV4VLKRVxYwqge1R2v3X+tS/wByqApfZ5NxZPv54qx5cjMN4wR3q0nakT71SBGsbKTjkHvSmFsAVM33lqUUAV1jK8ihbdl3MDgtU1OH8NACr6d8dah8hlbCnAPWrI70g+9QBV8v94uDzUiwlWzUkP3l/wA96nk+8aAIvK8zqaY0Pl5APJ71I33aSP7poAjW3Kx43ZxS+TtapF/1Zp47fSgCgIT5rHOfapQpJBIwRUo6mkHWgBrDK4NNVAuMCpHplUBHJBuOab5Ixg81M3SkHSpArtbLjGOKYLVR64qeTrUW47jzVAMEI7DFMmhA7c1aT/Viopfu1IEK24PNP8sKAMULTj2qgIfKB7U1rcK2alb7opr/AHRQBCYVwcCkHyDipF+6KjbvQBE0e5s5p/lgnrSN0FJ3qQFaMDIxxUbL3qQ0n8NArkX8QzSMOaX+KkbrVCuMZRSfw05qb/DTBbkPHpRnvTG+8aQfepFCk5YntUbqBjbUrVHQA0+1MzTuwplSAU085p1Ie9AEW1e601lHPFLSfwmqFcgzlsU8rtX1zTDSjpQMRcNk4pjA9qk7mmt0oAhMe7nNIB1zzT2pq0gI2UGm429Kc3WmtTAYTx70vpTf4hT2+8KYEW0MTkUxox1FSDvUUlAEbL8xprKKc3WmtSKIzilXDLTG706P7lAEZxzmmU5uppi9qAFNNP0pzdaSmBG3tUbVK/Wom6UEjW7HvTWf86Vvuiom+/QUIzHmo6e3emUAG6o2bmhvvGmN1qABm61Du5Bp7d6hb7oqgJWkFIrA1D2FOj6UwJdw3U7dUX8VLQBOrClJzUSVJQBKrYX3pVPeo/4aev3RVAOyeKkqP0qSgsWmyHb0p1NloAb2pm7nFP8A4aib79AD/wCVJkCnf8sxUX8NACM4696b5wqN/vmipA//2Q==)

**Производные аминогруппы в положении 6 6-аминопеницилановой кислоты**

Ацилирование, алкилирование и образование основания Шиффа на одной аминогруппе 6-аминопенициланской кислоты можно использовать для получения многих производных.



Среди этих трех производных производные 6-ациламинопенициловой кислоты обладают более высоким антибактериальным действием. Помимо мезиллена, алкил/арилиденовое (Шифф) основание и алкильные производные неэффективны или обладают меньшей антибактериальной активностью, чем при клиническом применении.

В результате комбинация аминогруппы в шестом положении обеспечивает активность. При сравнении пенициллина-V и пенициллина-G видно, что пенициллин-V более эффективен при пероральном приеме и более кислотоустойчив. Когда метиленовая группа в бензиле становится асимметричной, такие соединения, как фенетициллин и пропициллин, более эффективны при пероральном приеме.

![Diagram, schematic

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RzMRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjA5OjMwAAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAM5NgAAkpIAAgAAAAM5NgAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NTowNgAyMDIzOjAyOjI2IDIzOjU1OjA2AAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAACyAAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgARQEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A9PI55o7iszQR8/w9aaBk8mgCQKOlJsBoATbgUe+aQCnNCpyM0CFKAihFKsTmgYrMX47UzyyT16c0wH7cr6UioDwD1oAVR5bEClclxjpikAzHPWnogJOTQBIo280/O5cGmABAT1pdoBzmgCYEFOtRHigCMr3zSYzQMaVGSKbs5zmgBuwbjmo5F96AJGBJ9qQjpjtSEIRmjBGfpQA/BPSkANAAVO3rSAE/SgBQCKDkdKAHuDgYqIBug6UAKoYd/wAKcpbfz0oAdtznFRlTnjtTATDdc/rTgTg+ppANRmzgipQhHOaYDkY7sGlcHtnk0AKobdyf1p/JBHrQBLjjjtURHPWgBjBjgAjrk0hDD34oGJ5bdzSlG2Ee9AEW1881G0bnr/OgCfjFVvtsJztErL6rExB/SkIdHcRSPsG8NjOHQrx+NTgLQAcZ4qOW4ggaMSyKhkbamT94+lAErDIoAUUAJgE4pQAKYCnB60BRmgA2gmjC5oAYZYllERceY3RaeEGaBFXUEkFm/wBnzvyudvXbkbse+M1m3sdwBJ9j+0bTA5G4tw3GMe9AzStZBJ5iEYEbbQc5yMfzq4ACuKAFCjPvUmB0oAURrnmnbFoAMDbgGmlAelAB5Y/GkKjFAwxjimNTAZTTSAqX0jBBDHkyOCfl6hR1P6gfjT7WAw26ox+bHPPT2FIRXvUmWaKaIFiv8Pof8CMj64NWIruCZV8uaNiwyAGGfyoArWuoiXyWkCok8XmoSeg44PvyKdcNDPcwRrHFM3MiM3IUj096BDYdRd7gQvGqnzGRjk4GFB6/jVi4ukhQMhVy7hFAPc+tAFaS+kheZXiXMCK74PUMSBj8jVqS48u2kljxIyjOzPWgCkdYVjlI8rlgeuQVUMQR+OKvwyrLBHIzKpdQ2M9MimBJlcffXH1qOWeOPA3bmPRV5JoAr/Y5WvI7tSEdRyMnLDB4PbqevanvfRRKftB8lh/Cx6/T1oAga7SOKS5kmVmVeIUcHH/180lzfSWjYmi/5Zs4KknOBnFIC7A6yr8pG7ALKD0JqfYwOQaYx+M4PelCnPJoAzdXN6r24tDIMhy236DFXoPtTv8AOq+URw2eT+FAGfO98L5lQyeV9pjHAP3cc9uma1yjUALg4yeneuftLrU4YLczBpTMqk71OUOOc4H+cUDD+177yldrQ79gbaA2OQDjp15I/Cmvf3YuCwjk25YbSpx94YPT0pgTR3V5d6dO4QxTx7WUKPvfKrY5HuR+FW7N5JLcSybgZDuCsMFQegpAF0jfLNGP3sWSB/eHdfx/mBTDfwjacs2RkFRmkIJZzOqxW5w8g5bui9z9fSp44UjjVUQKFGBgdKAEjt4UJ2xIM9eKjuUhUR74lb5wF4xjNAgFvbq2REu4Et+J4NK0Vu6MhjTaeoAxQAxoYDjMYyOOe/OefX8aescDBh5ajd97Axn8qAG+RbSSsxiXcSSSOMkjB/QAVIttb4A8iMhQANyg/wA6BlSyht2tUzbQk5P/ACzHqabBJBHfSGFY03YjwigfMMkj8qYjQRiwyKqXhRpbUSKGAl6MM/wtQBPKsAj8qRE2SfJtI4bPaoEtrWePeoaRSrIGMjHjoRyaQyxBAIGZlz8wAwT0A6VYDn0pgKCT7U/LZ6UAZ+q6hPZGDylVt4YkEZ6Y9+BzV1rp0dFETuGH3l6CgCub2ZmudrRp5LbQrjk8Zz1qG21ZpHHngKCsWMD+J/x6ZoA0y5OADjNYlvrUjW1vJNFlp1DKFGPTPU89aAGjxFE0W5beQt5fmbcjptDD+YofXkjWTfGQygnpkD5A349aBkZ17Y7CSIsd7qoQdcNgVpRzrLEsi9HAYZ96AJwaie2tycmCPn/ZFAh0UUcf+rjVM9doxmpCegFIBaxtYa4M9v5G/C5ZioyBgjnHfvxTEaYRcZ6g9KUIueKQAY1xQI1HNAyC5dbdUYLlpHCKM8ZPrUDXc8qeXDHtYOyMRzgg4OO34n8qBDrWymhiRftTcdRsB/XFC6SovftIlKsXZmC9GyCAfqM0wJhZFfu3lwP++P8A4mqd1ZMZ7bN5cH95/scfKf8AZoAsS2jyJCrTyOElEhLkA4wRgbQPWpbCE2tosLMGKljke5J/rQBZ3jFKpoAeGA+lPDCgZVvtQt7Jo/OjLbgxBAHGMZ/nVhLmE5VXHyjJGOgoAjS5huFE3k4V0yrsB8wNVIbiyvXVUQAhRL2AAB4zj3FIDQK/LjtjmsmPUNPn/c7UjKMQodQB1I4/EGmMUmwDKA1sG7dPSopnsFt/N8uEjbuKhRnG3P8AKgBoWwlZQUgDk9CBkng/1q15GxAqgAKMADtQBeCjNOIBFAhMUm0UAOwMU3aAaAArRsoELsFG0UDGyRJKm11DL1waRIY40CooVR2FAhUX1NO2jNABtGKz50Zr1klMixhR5RT+9zn8aBmeG1Aran95kgfbP9k552/r07U24e/R7kRGQxCNzESTntj6nO7HtQI31QED6U8KvSgYoUU4KKQEFzpsF46NNuOwEAA464/XgVOlrEg+4CSMFiOT9aYFaTTP9HWCOU+WpGBIM7QOwxiom0aFYtqO4+QJlj0AOQeMc5oAv4OcDoe5qgdGt/KEZZ2AZ2J4yd2c9vc0DKraAhvBI0jNGVAYkjcxGMdvYUf8I7bBAommwECdRyAu309KBCf2DD5/nedLuDbug/2fb/ZFaBj96Bk/SjOaBBkUmRQA6koAKTNIQuaXvTAO1B5FADU6U7igYZpDQIOlJ1oGHSlyB+NAC59jTwfY0ALk+hp+QByDQBG0jF8KDj6U8Jg5PJoAU0wkDqaBjdy+tNLKO9AEbSDFM3r60APHIpe1AhuOetOApCHUwkimAgJbNOTkc0gADI+lAJzigB1GeDTAbG2Qaf2oGApKBB1o7UAIBk0h7fWgB/8ACT6Uq5/vUDHqSHAznNSZoAT+KjPNACHpUTJnqTQA3yx6mmbASeelACNGPWomhBOdxoA//9n/4THoaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLwA8P3hwYWNrZXQgYmVnaW49J++7vycgaWQ9J1c1TTBNcENlaGlIenJlU3pOVGN6a2M5ZCc/Pg0KPHg6eG1wbWV0YSB4bWxuczp4PSJhZG9iZTpuczptZXRhLyI+PHJkZjpSREYgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdG9yVG9vbD5XaW5kb3dzIFBob3RvIEVkaXRvciAxMC4wLjEwMDExLjE2Mzg0PC94bXA6Q3JlYXRvclRvb2w+PHhtcDpDcmVhdGVEYXRlPjIwMjMtMDItMjZUMjM6NTU6MDYuOTU1PC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICA8P3hwYWNrZXQgZW5kPSd3Jz8+/9sAQwADAgIDAgIDAwMDBAMDBAUIBQUEBAUKBwcGCAwKDAwLCgsLDQ4SEA0OEQ4LCxAWEBETFBUVFQwPFxgWFBgSFBUU/9sAQwEDBAQFBAUJBQUJFA0LDRQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQU/8AAEQgAmAI6AwEiAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A+1GkLL8ozTI42bJbrVhlVVNQNJnpxXEdYsSiPORnNIrksQeRTh83fNNZliYZ4zwKQE67SvFVZAI924dTnrVhfuntUL/NwTuPpQBUS4JuPLGCMcc0eXJPJ84Cqp4Gana2SNt+3DUiSLv/APrUwHeXLcYjZQEU5yO9SrG0bbSoCnvSrJngDbzUknzrg/WgBnkBVfaPvUmzaykDkDFTxqdvtTWQnocGgCrHbsoYEDJORUUtkzRuWyN3GAenNaKMFUggH3pjLuX1BqWBXJJuA2MKFIoh3M0x6K3ANWPKJTFQ+YIzs754WhAR7XZ4ww6DmnxsVYluueKkkbchYdTx9KZG3zYIzQxDpP3mP73eo8yqzsFycYHNSsuOR1oVWyMjqKEBSt/MWQO4BPfirEblpFXaAg9KseWFHOKSJfm+7kUwEa3EkgT+EcimPbtJOzHptwKtE7eM4NJjr60AZohPneY2QVHY9abBuWeOQxsqZ4DHj61osFVctgD3pI4Yh8wQZPPrQMsrMM8N+VPa6C4QsMmqczCPGODUT4uIsAfNu4oAJB5jEjJyagZ3juCwHPl7aurCy7s9c01o1bGeD9KYFDyZpnE5+/uBHHarcI2+Zkct29KsxxhVOR2pix4z396AGSK5khCdF5NQLHKszSbC7biRu6YrQjYLke3pVeaQBthXr6UARW8ZhU5AyTk0yWzkvYLhR+7J5DA+9WPMijUb+MnArSjjWNOAKAMhVa4mjdh5Yj6DOcVo+cowKqSx/wClSJniT5sjtTtuWxjFAFlrpVBHU1l3i/acFgR6c+9WsKsuHxn60MoHJ5UGkwIt8hnLsBgpgNnvUdifLkb5VJxyxPerDPGyt029eaZHt8vcu33OKSAaytsByM981NZ25beEIZvc/pSNIrKqkA+nFWYJFjjHy7TVDQ1beXy2chVb+7mi1jkk2+YSFU5q00gMfAzmnbWFuABnnmgY/wA4Kv0qS3nDKe9Vdu7Ixilt2aNj6fSgRJdQ754nUZ2j1qJrdpFKtjrkVY8z5jz70LIGkwQAaARAsMsk25zjA24FP+zyLCkec7CTnP6VYTHmbhwakZlJOcetAypFCY1IJJ3c8VftZFjUL3xiocblDKM0kcys7oPvr1WiwGmvzLnNUr2FmZSOmanjm+UDHOKZcNhAPfmgCoyncR2pGU+XgHNOfHPGKjGVXgn8qAK8kLyFm9qg2SJ5R6havbhyufmPUVDI/ksgYfKTjpQNEW0srehpwPQrxt4xSM3zNtORntT4/lzkc0FEH2YNEwYkknNMhhRYmRD8+ckk1abg56jrVZXXzNwXhvancCPadrY4NVxDNwWx8vQ1oMo3Z4xTV27Sw559KGBVjhbZyfeq89u8l5AwYqseeM9a0GCsfQ1BIvHB5zQgIfsp5IGabLGyqF7VdUjaO3HNRXCqSPShgZMkbhjgcHinLDhQM9vWp7hljYsRgYql5meQeKSA3LhQMHHFVJGwoKdScVZli83+Iioo4BF1O70oMhLeNgxzRMqtNFu7EnbUy561BJCZJFfdjbUsBIZnbeP7pxTcYmLdSOMU/b5e7HO7vTnTdhgcGhAQNJIrfPgg0nVcJwN2WNTC3DMDuyfSmtCySEDhWpgJeOsMKleu4Ae9W2XtnPFU5EEmxG5C96txnkmgBnn+XgHjJwKRmYTkE4wvSpfs4bBPTORUciFn3Z5P8qAGRzeYpI5UdTSSTN+6VRkPyOanWMFcdBjFI1ureXk/coYEckjrGxBwVOKiChrqF87vl5+tXDbo0Lr/AHuc1VWMwzBh1HFJAKsjFWCbflPNG6RtpA6jPSkgs9vmAvneSelSJbtGoQOeBjNNgQtI0qRsPlO7Bq07bW65qPygsaru5HU461KFHcZpICMsWUsQOvSmJMy89BU+0bDVeRWdhkYX0psRdhxPGkmOWpt0fJhLgZ5xxTrACO3Vf7pwKjvIjJ8m8qoPYUJAVLjdJayEHJBHBqRbgwsAMZxmiW3G44Y4J6VClq3nMWbORgcdKGhjpbiS4jV2UfMcYzUS3P2Zpsj/AFZwD61NMjwooH+rJ54yak8qORWXqOhOKSAmjn3Rls596R7gLGznnbUQtyI2G/5T0GKZJEGjK7iB0xiqAuWsyzA854BonDKwIIC1WsofJ3MDkHtV128xRkAe1AEG9lZjj5RUQy107IOQverf2ctlt3y/3cUyb77EcZGKAKE26SWENtLK3THX3p0d7OMs64BbAFKbX5gwfBDbj7+1N+zsWAaQ7f4RQA2a4liLyIM4PcU43lygikfGxuw6ilFuZo3BJGTRPBvijQNjZ1460gHrMtwxkxnBxVlmHlZHXGRVOKIRqQDweTU33o8A4GMUAVxcGWEZVcMatQyLFG6BVOBWQ0MtqXiD7kBzuxVmwkX5wCcnjJHSmBcnDExEAAkcU6ORpFZe6EBvbNSJD5iKS2SpqWGzSGN2zuLnJ7UAhkc7LGmRhs4xUyzGN3w34VXaErjJz71E5fcT5g/KgbNmNj5Zbbk4qn9odH+ZeGPFWIZt0K/7opGXb+8HIA4FAIqyXBjkZ2GMHG2pVumN4VUKyrHu2nr0qrOhuJPMdsnPQCrK2Yd2uN+19gWgY20nupESd2UrIx+XH3aumZW81e6jNQW8G2JQG96m8tN0jfxMMYoQEkMhazDIOV60ljGWkll24Zuc1F9nzAsW8hQ2TjvVu3hW3dvm4b9KoCVl/eccYGahlk/dM3XmrKr5hLZ7YqtLDwRu9+lJgVJZnjlj3fdZtopwmk2kuuFzgD2qaZVl8skcKdwpu0Dq2fbFICCPBuJSAflAIqreXmbiK3yGYP2PrV4qrMSXxxiqJ0uIyKwJBD789yaBoljuP3k6ttCqBjjmmRzP854ZTwDU726qjn7xbk1VS3LRkbuB0FFihVuGVhG2ASp61WhmkSx3KAWD4qxa2OGYvK7sw+XjhanjsfJiEe7PzEk460WArNJLJI6/LwMnjrUljtkh3dalktCzZB2nGD71Jb2q28e0dKLAZklw3nSkDaEOOe9MmuGLJgDpmrtxp5YyFWHzHv2qr/Z8i9X9ulNAN8zjJ61WnumVXwPunFW/shCgFsn6VDJpzzI4ZsAnOcUMCjNM0kLA8nApYflhQbFOFFWRpjKpw4bIo/s5v7+KVgLyxtnpmnNEak3baaxB5/rQZEflkKeKa6/KKfNcRW8O+WRY15A3EdQM4+uMmq6apYs203ttn2lFJgOMfy49aEjPQmlbULLIAu4D/wBtV/xqSOaK4bEMscrdlSRWJ464B4GcDmlYCIwsrcU/aduT9Kk3BiMHin7gxAosBCIdy8Hn6UqR7cg1bULg44qKRe4osAiDdwaa0JOe2KkjFKzYYc0ICARle1SrD8vTNKzbmUZxnjGRnPpjPpj9fSnRZ/vZqgImUquMVWZRu/8ArVozL8owKrrGd3J/SkBAqkMBjiphGd1WSqqvqaTeuBTArNCBUbrs4HNWJBzSrHuBzQBWVTUqx7ucVJs29s0K3B7UAPWH5QQuBiopIyUJ71ZWT5R9KT73egDP8s8ZoaHLDAOavMqtwOtOj2oORk+tAEUcZZRxggYOeaheMxkhVxVzPQjimk5bnrQBUWNu65HpSSRMWGF4rQRQeO9I2FzQBTWFlbpgUSgjAAq4W3AflSMi7sscDGef8+tAECh1j/CoZBnr1q82VU5Vsew/r+VNx9CRQBRVScjbSyQlvL4wV/WrqKN3IqRkHpQBl7WVcY71z/ifxVb+HLyxszDNe6pqJKWmn2wBmmx95gDwFHck12UkY2gYryPWk/sT9pLSdS1JvK07UvD0thY3MjYQXCylnTJ4BK4HP60WuBtf8Jxc6XePZX/h3UIbs2Ut7Gu+JllSMrvCsG5IDqar2/xQhn+Gh8bLpF6NKEDXgjzH5pgUkM+N3Yg8V1us6hZra3MbSR/amsbmSNUXJQeWQzcfdB49jivBtLsdRb9kV7ga7ssh4enItRbxkj7w8veWzyT6ZotYD2vw3q0niDS7bUWsprFbuJZkgmAZwjAFSdpI6GthY128KPqK88vfFGo+GfBXhC7sbzTEtHtdPtvs9yrBrhpAinDjAUKp3bjnPTjrXqjRxq7DGB79aAKtvlVxjirbcR4HXrSKF4x0qUAMDQBTXc2QVzR5LRnIDHPtVxY/epNo4+bNAEESkryMZ61L5Z44yvpUmAWXFTeg6UDRWNv5bghOM5prtukYAc56Yq8rbjzzTtik5IGaBmats6sDg/SpTHuYYUj1rRjwTyKftAzwDQBRS3bJb9KXa3GVzxjrV1aOOecUARQ/KvSqtwrNOAvQ9a0No29ahMKqwcmgClNGykKPpUbRMrA9RWmwVlzUctuZMc4x0oGZ0kTMpKqaaoZdo2npWoqbVx1NNCgKeOaYWKaqTwaY0e3IAq5tFDdKoaKVuxicrjIPPSrGBUiqOvFNIx3oGM20xvlqbcBUMhzSAhf1xUZ5qRueKZtoAbgEUxlzj0qTjnmmt2oAhxjoKT8KeaZQAh6UgbkADd/j6f596fj5a47x/c3t81h4U0yR4dS1wMJZo/vWtkpxLL7M2dierGpM2c01xpHjzWptd18Q3Xhtbj+xtCtpwTHdSlyHnx33MpVT6Ie1dZH8NfCDBs+HNN57pGQPw5rH8KaRY+IPEceoWkCx+FvDf/Es0eH+GWcfLPcL67FxGrf75613yxnaARhu+KQjlv8AhVfg3qPDtj/3y3+Nc94g0PSfB80mveGLKOK80ErJqtjas376ykA8wMpJyQo3jH90j3r0po9vFcR48jHhPWNO8aRqTaxgaZrUQHyyWcmAkhHco55/2GPSgDsYbiO8jiuIJPNt5lWSOQdGVhkN9MVKFOQc8+lcV4Hl/wCEX1jUvBzsWt7YNqOjv97fZO3MYPcxyEqB6FeldqMq3K4x2JoAezFR1pBKelNmmSON5JHWKFBueRzhVABJJ9hg1xum+NtR8RaM2u6J4fe90U72gkeYRy3cacNJGhHTIOMkZHIoA7ZWNEjYxVDwzr9h4s8P2WtaZL5un3UZdCwwy4zlSOxB4NaTQ7++D6UxHjHxqsfGl54i0Q+H5JRZ/aLdYxvUr9pzKVYY5UAEgljjOOK9X0FrqLSLBL7zTfLbxifzipfzNo3bivyk5znHHpWPqPjB4PEzeHdJtW1XWI4PtN1EJfLitI2GFMj9twzgc+tY2vfE648J6Z4ivNR8PXaNocENxPGssZMscjMu6Mg4IBAznHWkB6G03SmM2cmuO8V/EFvCXhXTdZudHnuPtk0EDW8MyFo3mIEYJzg5JH512PlyRqFmj8qXHzoSDtbuMjrihjE8ym+YUzk0gjPmYz9K57UvGUf9vXOh6Xp82sanZxpLeCGRI47ZWBKh3Yj5iBkL3FIDfaRm+Y8c05JT0zXGTfEiz0uz1iXWrO50iTTJobZoZNrtcSyjMaxYOH3cgEdxU9146/se4sRr+kXWgWt7MLeG6unQosrEBUkwfkJJx9aYHXrLu4zUmOnP6VVEbKxByD6YpuoXU+n6fLdRWkt60a7vJhI3EAZPXHQCmBdZsZ5pjSYXOa5zwv8AELS/HHg3/hItFWS7jWNmez+VZ0dRkowJwDjkc81kf8LShnk8LxJot+W8RoZLA/JtZQgc7ju4whBoA7dZMNxTzNjvXLyeMo4fHlt4UXTLuS8uLY3q3A2eUIQ21mJ3dj2rp47c7WLA/lQIPtS9uafHIsnOeaiWEjoP0pGhKtlevegCaSbY3AzSPJuXOeai2OScijy9ykEUDJY5h5fJwRUUmpIsoUjMmB8pHHBbH9DSLH8oUZ9vf6etZKahaajeX+m2t3FcX1vGDNHGwJh3ZVCx7dj6j0oEeU+CfEreILqLTNW1jU9F+IdvfRm8sr6XbDeRCcMViXGCpQYXHPHNe73MypIwWvItc8DeIvHPh3QtL1nS7Oz1qykglfxJDdoTD5bKWaP+PcwBBHTLE57V3s3jTTT4sudEnEmm3of/AEdLtPLW5QjIaJvut9M5HcU3sBvLOAoY9cdKQXe4+lVtrMwyp+g5P5VQ8Qa5Y+FdJm1HUJhFDGwURgEySMeAiL1Zif4Rz3pAT+IfEll4X0uXUdSuRb2sfBYjJLE4CqO5Oe1N1yxsNesRa6jZw31o5Enl3KZG7sfUHGBwa5nSPDF/r2qQeI/EsXlTJzp2jsQVsVI/1sg6GbHfovI561r+LvENh4Z0tbvUpWTzJhDDDGu+WeVvuxovcn9BzSAktfDujWNhcWcOmwR2k6kTR7N3nAnPznOT+YHtTV8PaI2kvpyaTaf2ax3GzMQ8n3+X/IrMbxkbW70/Tb7SNSsrvUJPKto5ohhyEZ8ZBIBwp4NReGfHNt4q8NX+s6fYX8llZySQurRgO7ocOEGfm285+lAD9a8Ipq2mvokbWlp4cmRUks/JJkBDhmKMW4yAAMAYxXX+dvct0B7Yxiuf8H+J7Txt4btNZ06C5i0+7XdA86BTIoON2PTitza27nrTGSpMERj1wcVLHdL90moBA7RsB3NL9n+Y8c4oAvxyKygg0k0m1eOKq27GFcFd2T64q86b4/u54oAbbTLt59M04zq3GcGolUquMY4xUSwsZMkUAi1DMU3dTz6VMt0MLnj1z2qGJG3ZPApzRkyNt7+vOaLFXK7eK9IhlaJtStVkXO5WmUHI7YznP4VofbgVUqcq33Tzg+mOK+ZfGGq6T4c+IfxcmvPC66xBLHp9uJPITyrVntyokduqAu2dw9Oa9K8Prqvwz+G/hTSLm/068vo4Nkk928rrIwww2lVbIAOM+1AHqnnBW9vXBplxcKqmQsFRQckkDoM55xxXC+EvG15rniCCxefR5YWViBZmfe2PQNGo/UV20cPmSxo6ZDHDq4zlemDnPr+lAEUevafcRyNb31vcpHw7RSqwX0yQeKLXV7XUYZGtLmK7jQ4aSGRXUe2QTXiXwbvLnTdL8UQWvhS71S3PiHUVaS1WPy5V8wAIct0XP4Vt/sy2yJ8G9LaOFYmeW5ZmCgEt9pfbk98KMdaAPV/tC+WvOaf9sQHHNQeW/lp8uKZ5bLcMWBIxTQ0W5JOFYHinbsr6cZ+nvUH34gOlPX7vJ4JAJPTHoaGMp/25prS+Ut/avL/zzEy7uOpxnNXGJGQQcg88HH05A5r5luvDkevXnxl0vTfDE2p6rPq7Q2M9rb8WrmJcHzQPkG4k9e1dxL8RPEPhyzfQLay/tzXNBsLVb2SSOWT7VOYdxRGRWAYgA7jxlqpAexBhtzg+/FVp7uCGeCGSaNJ7jd5MRb5pdoy20d8DrXl7fFTxXqHiO80rTfDdjb3EOjxavsv7llZVYHcjAKfmyrD0yOtFj8UF8Qaj8M7xtAtxDr1pcXMd5I5MtoyxhnSMY7jjrQxnqf3hwd3bcD8v51RXV7GSKGRby3aKd9kUglXErZxhOeTwa8/8D/FW/wDGl3LFb2VhmOO4E9msxFzbyISEjkUqOvOSBXE6jqlr4p8E/C7V4dLt9H8zxJEiQW5ysS5m3AHvnb6UgPd/tEUk0sSSxyzQkCWKNwWQnkZHalDhiBxz78V5HrfxNl8LN8S7+Pwzai78Pm2ad1uMG7R41ZWbjqAw4Fbfhr4hapqfjGPQda0SPTmu9N/tO2lhnEmV3hWV/lG1gSM9eaAO9klWNlDuqFj0Y4IH0pPMXIDEBsZ25G7g88V5V8ffD8cOj6b4zgg8288OXUd1Oq5/f224K+4d9uc1sNPZ+N/Hmgz2Leba6Xa/bnuIuAZJgREhwccR7mx7igDvDz3zTKdweR07Ubh6UASquSuAWGcHb2GOv58V5x4NsZvFMfjW+mu5NP8AEN3eTaa8g+Z9OhjykCIOOSv7ztktntz6FNh+D9K4fxU3/CG+K7fxYvy6VehLDWh/CnOILnH+yTsY/wB0jnipMjrtJ0uz0HSbHTLCEW9jZQiCCLrsUf4nJPqWJqzuAbAHFQ+YdxUYGPftSr82Dn9DSYE7r0PWq95Zw6lZ3FpdRCa1uI2imjboysMEflx+AqeNgDz/ACpzsOxHTOP8/wCcc0IDyvxxpcvgHwT4Z1G2uJtU1vQL2K3sSuFmvI5JFjNryeSYiuPdM/Tom8Za6rbR4D1hR6K0WB/49VTRZP8AhPPFg8Rsu/w/pJeDRwFz9pmPyTXGD1AwyR/7zHPOB3UY+UDg4GMjBH8qTA5XVINS8beB/EFj/Zd5od7eWd1ZQw3BXc7PDgEYJ6kgfgaxvhV4u0zRvhZoRv50sbjRrFLS/t5gPMjmiBUrs6sD2HfPavQHYZ4JHG3jAOOvB+pP51XbTbGa++3S2FpLeghluJIFZwR05IJxQgPMvhLb6x8O/hTpMNx4fv8AUbq8u7m8a0swC9tHJJvRXyRjIP4V2uj+ML7UNUgtbjwrrVgsj7Tczxp5a8ZySGNdR99g2SG678ksPoT/AFzUcmWJHT028Y/KqEeUeF5F8I/GTx7BrM6xHWzZ3unXEy/u5kSMho1J6lC3Q+lWPjxrVle/Bvx3BbzCV4rBYnmjzsJaRSqbsAM3U4HT0rvvEg0iHS3u9dhtZdPtihP2yFZRGWYIuN2epZemOtPm0PT2hWzksLQ2sbfLb+QhiU98KVx+OKQHk/xesXs/BfhmabXLi/hOsaSVt5ljKECRSXGACdpUcV6f4i8WnQ9REEeiatqqSJ5om0+282MZcgDORzjmrN1oelXEMUM+m2c0Uf8Aqo5LdGWP0K8cHNXIysK7I1CR8BVUABQOwxQwMPQfGB16+W1OhaxprhGk82+tTGnB6Zyea4f4XSL4b+InxJ0nUn8jVL/WF1O2ZztM9syYjKHuVO5SvbNerSbW/wBpc5w2DWfqmhabrnlf2np1pqAiGI2uYVZoxnJCntmkhnm3xiuIryXwjrNsftdh4f8AENrNqkkK5VIzkBiefuZyc9M5qx+0Ap1r4dvoenMLnVtZvLSKyitiXdtswcyDBPChSd2a9Hhht7ey+yQ21vFaBSn2ZIlEW09RtAwc9DnPFZ9joWl6TcPNZaba2k7ja00UY3gegJzjv09aYipq3jeLR9SmtJNF1y9aAKDcWthJJHJkdVbHNaljriax4fvbv7JdaeqxSrs1CBoZAQp5w1XopvmGxtozngADpUc9vHeQyQXCLcRSDayyANn65oA8O/se8+HvhHRPHPhm1+1afd6Lbx6/pNvht6mBVF1GvP7xSece9WLq3lk1H4AxW9yLKb7HcYmWNX2n+z4wSFyMj8q9ohs7TTbMWtnaxWtkqGMWsS4jCnqAPT2qgfDejXjW0r6XZyPbKEt5HhBaEAYUKewAGPpQBwlta3Nv+0VZwXt6dSlk8Kyqjm3EW3ddLhQoPXgnr0rrZ/ibbR3EsbaNr0hRipaLS5WRiD1Ugcj3rXPh/Spda/tR9Mtn1MAAXzIPOGOwb0xjjHXmtJZWT5QzDj1oA5Fvinp0KyPJo+vRBF3EtpkowAMknjio7H4w6HqFpDd21jrU1vMokjkXTJSrKRkEHHQius1a+kj0m+BdyotpicORn92eK5z4U6g4+FXg9FkkGNItcnce0KUwIv8AhbGltk/2brY/7hkv+FUtQ+NGg6Xay3d5aaxbWkSF5JZNMmCgA4PO3Gfqa7hruRGyJX/76NcZ8bL5m+EHi/L58zTZE+YnHJAwRnH6dqAGrY+JPHa77x5fCeiy9LOHH2+5X/bc/LEpHYZaup0Xw/pvh2xFlplnFZW4YOfKGWdsfeZjlmJPJJPen/bDuAyOByy9/qOh/KiO43SY35yOlCAvRkb8kZ9e3HoCOR+dUdd0fT/EmmvY6pbJe27EkCTqjkffU9Vb3BGe+anSTa3PWmTNnGDxmmwOH1K41v4U6fPel5fE/ha0iM0quyi/s4x1Kk4Eqgdsg8Vy/h/xZqut6sniLWvB2vXFyoP9madHa5hsYieHUk8yMMEv1Hbiuz+L0hPwo8aAEkf2PdDoD1iYcZ6etdVas32GzD84hjOO33RkUgOak8a+IZmPl+BtW+Y/N500Cf8As+a5Xx9cPbfFb4U6tqkRstLH2yGRXYEWt5JEAmTyAf4Q3txXqu5YVyBgdO1U9S02y16xmstRs4b20lwXhmXIOOhHoQe9ICw0ln9u06K6eDdJcq1urNk+YFb5lGem0kZ5614r8GbHWZPhxrc1jq9taWv9pasfIktGkbPmPk7t49PTvXpWneC9E0dX+z2PlllKeYZGZ1U9VUk/L+FTWPg/QtN0u5sbDTUsrK5O6W3hkcKx7/xcZ7+tAzzjwP4i1Twp+zl4R1Gw+wtDZ6WHka9kKh8O37pOPvEkD2x3r2qP95Gkhj8ssgcxg525GcfhXEX3gvy/D8mhaJaaXZ6NPFJHNBcB3MbMBh41JIG3kgZHXtXWaXbQ6VptpYwMzQWsEdvG0hyxVFCgk+uBTA0VUbeOO9SLD82etQLcKFBqZbgDkHFAA0W1umalDEDFRNcAKc0i3CsoNAFhcMMdTUnl1Thk8udieVPSpPtgVtuaaAsL709cEdOR0+vrVf7Ru6Dj1qWKZT8o5Y9BTCxx2k/DeK18UeKtT1G9XVLbxIsaX1nJbBVARDGuw7jj5Sc5ByeeOla3gPwrd+C9HTSm1ubVbCEeVaLNEFkiiycIXydwAIA4HSuYm+K92ur+KrKHwxd3X/COFPtjRXMWSrxmQMqk5ICjJ6V1/hnxVYeLvDuna3pbtJY30QliZhg8nG0j1zxSZR0Y+ViA3J65A5pkjMqM0bhZOiuw3Y6fn0qv52GDFhg8dadK43KhcBjyMkYxyc/TAOfSkBx/gn4eXHgjRtWso9WS7e+upr1J2tNpjllOXOA/Iz05GMd6s/DPwEfh34Ti0A3/APaVvC0hjkMXlkB2ZmB5OfmbrVPR/iFc+KPNuvDejzaxpKyvCt8Zo4UnKnDeWGOWwc9gDjrVK4+LQs18PqugXznWr6XTYFaSNWjnjdlZXyeOFzkZ/rQgPRZMN1PPXpTAQ6npXIeIPiIdB8aaJ4bOlT3M2rRySW1xHLHsxGMyZ+bPA9OtdOGKyYB3fTpVATrCM5xSTLxx8pHTjjPYkd6YbheeTUbXQbIUMzY6L69hSYHG+D/ANx4V1zxJqE+rR6j/AG1etfyR/ZvLMUhULwdx7CqOvfDrVX8bXHiTw34nfw/eX0EcN/DJbiYTbF2o6/Mu0ge/5U/Tfilc63ea7bWHhbUrqTRbprK7PnQKokC7sLlwSNuD0710+l6uNUsbS88qW0S4iSXyZtquhYZ2kZ6jvg8EUtQOXi+G93Z+KNT1e11iNlu9JTSFjuomd0VM7ZCwYZbLMcdMmsfSvhBqOjt4KCeIbV08MQzQQf6MwMqyLtJJ3cHAHrXpTXG3Gcj/AGc8n16ntSrcLIwGSpGAeSNpPrnFP1Gjzmw+Fd9B4isdfu9UspNX0+1mtob+2gKS3JdQqtPg/NsA9Oc9azovgrqlp4X8LaHFrVg8Oh6j/aCS/Z5D5nLELjt9485PXpXpV9rNvZX9pZPMFv7vf5EOTvbaMtj86j03Uprx51msJrNkmeOMSFT5yr/y0HPCnqM84pjPOvEfwc1jxBH45Rta09P+EpWJJP8AR5D9nCKq/LxzkKM1rQ+A9Vh8d6Zr899YMlppY0xrZEYFl3BywPuQO1ddqmrPY/ZPJspr9Zp1ika2wfJjIOZWz/CCMetc7afEi21PUPE9lb6dqD3mhOkT2+0Bp2aPeNnPTFAHS3lpb6hZ3NldRiaC5iaOVG/jVlKke3BP5+1ch8Lvhzb/AAv8MppMNzJeSSTvK88gwzDog6nhUCr17E966y3uhdW0cvlPA7IrNG4O5DjLK3oR+NNaQ71IJBPZhz7UDJt3y5pM01pUC8HIqPzV/vUAWmUY6c1XvNPttUsrmwvYlns7qJoZY26MpGCP1/lVlX9afgNUmR514O1yHwytz4W16/jivNJwltcXThTd2pYmF8n+IKMHk8rnvUD654j86QweJfCrRMxKeY7btueMkHBOPSu91bw5pesNG99p9revGMI9xEHZR1xk9s5/OspvAfhncP8AintNHsLcUAYFnrviLzIBca74WaEP+9MMh3lfbJqx401NfFU1v4S0K8R7jVkY3d7avuFpZqcMSw6M/KLWuvgHwvznw9px/wC3da0tL0HTNFEw07T7axE20SGBNpcDoCR2B5A7E0AS2en2+l2Vra2UAtrS1jWKCJONiKMKB9MZ+uasQxlVwOB6VIoLdWz3qbhVOeKkRVaEZprxEdBU5cbuOadtJoQEMRPAIxUm3cx9qdsANBby8nHNUB5/8ZpWb4a64gHzebaAehzdQADp64/Ku0vZP9JbHzFmP868m8VX/iDxV4s8U+Doo9Me00+zttUDTsy790nmRqSMgENGOf0rrPh34t/4WF4N0jxJFAbRLtWBhY52srFWwe4yuR9aAOiN4HyMfMpxTnm8sHcDmiO1fktjk5qY2u6QuTkEY20mBVW++ZQFyCM9afNd7cDnkUsNoIpGzyM8U8wnYygZB70rDKXmG3VXALF2IxmnSTM0hAGOORVtNNyqE5O3mmtZsJ2bA27cde9FhFFZHSLfnaoOM1et7zdHjGTj1qOOxaSExuOM5/GpIbDyW45Hf2osBDd3hG+MRk5X72elR2Mwjt4kY5LHOc1Znsx820Fi3qag/s14/IZMALy2T07fzpDLy3A3YUEnNSR7nkLbcCoI4w0whZ1EzEDYHGeevGe1WlkEdrumZY4lXLSM2FUDgkk0CKOvYXR9RbIP+iTYwf8AYPFch8LXKfC7worFhnSbYj2/dLUWqeM7nxNa31n4U01tVRopIptSnPl2iLtOdpxlz9Bj3rH8A+J59J8AaNYf8ItrMj29jDbGSGNZIyyKFO07umRxVgel26vIgBOc8V5r488SWWoa5efDzVUl0m61qz32lwXDRzqW2jHTDEqx255xXVaH40kvrq3sn8OazatK+z7TPbhY04zknNcr4y8DWfxE8daxpN9PHbXEeh2UtrcQsPNt5hcXRV0bscjn2IoA6qTxBNceOJdFFhIsaWq3j3e8FdjO6LgY670Ixn3rX2ta6ksJ53DKsOlec/C+517VPGuvQa/arFrmkaba2MkmCsd2RJcMky+zgr+Oa6OV/Gzagk58OaZIFXAxqAH9KAO4t9kygg7jjnFRXissZ2gg59K5OG+8ZWgbb4Y00Fjkf8TEf4VFcav46bn/AIRnTf8AwPH+FAEPxcmNr8NfGMbliG0W4xgHr5bV0ui3E8yKpfOyJOMH0FeXfFfUfGdx8OfFH2zw7YQWx0udZJkvwxjUqwzjAzgEd66bS9T8cWcW9PCliyvGu0nUVzjHHagZ6G0LsrYQyHGVA4z7c1y/hrxoPFs2tw2Wl3MU2k3LWEyyyKA9yP4FPpjBz79K0vDupeILxpjrWh2+lJGgeJoroTGRs9MY4GOc/pXn3wwtb/UfEnxEksNe+wRL4rugY0iSRfux4kPIwPf2otcDr/h/4vh+IOgtqlraT2lt9pkt0M+MuyOVf8iDXSeWWTCjBrzj9mtlb4V25MnnP/ad6GYHPW4fJx29a9RX5dpFFrCIre12LyCcj1NIbcg1ZaT8KXPHWgLlTyd0bL0bPFSLCwhC5y1PaPc2WqeNk4x2oGVmjZsZFSRxsMEDjPSrHLHpT42Ctg0AReWzTHjApWtzncFzjirKxhmzinjPIxxTQIrxq2wjbUkMTB+nv9PWp1U5FSbV5OOcYA7e9Mo+bvEnh/VvFnjT4vxeHdVIuRLYu9hE4T7fCtuolj39QfvLxXr/AMMdU0jWvB+lS6DGttYwxrAtnkb7bHBjkXqMNnmuph02xtbpp4bS3gnxgzJGqsR15P171JDZ2trJK8FtDC0zbnaONULHOcnA5pMDzi8+HWoXV5LKlroxidiw3vOG5OecP1rqLXwzcjwZc6UDDBcPa3ECNbFtis6vtKljnOT611Cj5ep/OnRvtB45IHXvg5pAePfALXLTT/hrpWi30semavo8b2d7ZXb7GSRZD83PJG0qQQce1V/i1qVrrWtfDBrO8ex83xC8i3XCuqiJx5mCcYJGQcc57V6xqGgaTqc32i40y0up8bRM0QDYxjk9zjOM0mpaTpuoSJNeWVtcyJjY8sQO0DoF9CKQHj/iaNtE+PHw8S41mXUXNrqCFbsqoTMQwMjpmum0PxRqlx8SdU0K81G2v4U09bxbcRFJIHLldiEk7xjBz2yOO9dauhafeXi3c9hby3asdk8iAuO3BrG03wvcxeIRq+qXcV9ewQSWsBWER7I3ZS2cE5OEUD0waaA6KNjIjNnv371GkiyMF2EhWySeBge9PjRo7U55PrRNhrXYQGBGCp6U2M8I8I+HpvF3jD4pQ6f4hn0/d4iYiG2KlZcKnJPJxgY/Gl8cvD4k+JXivQtb1230GIWNu2ly3BaPajRkySREEc7jz7jFex2vh7StNuEnstOt7KdxiR4E2GTOMk46njr70nibw3pWurby6lp1pfTW5/dNcRBjHznA74z2z1pgeF2eg22vePNbs9U1e+vbdfCNtdGRrloi8wEnzkZ4O0Kce9ZHh7xNeeKF8GaRrmtQ2drc+GhLFcXkjKktz5hSQ7wRl1QL17mvfpvD+kyX0l1Np1vLcypslmKfPIuMbSc9KzdQ8E6BfaallcaPZyafC++O18vCISQSV7jJA70mI8m0/Q7G3+Jnw4F9rTa6g0y9hXU5ZWRZTHMoQgk8nggY6jmoNL/tPUfD2s2GnapHc3MHiy6jgtb65Ki9iQE+SX6g4zg/7PTmvaZdB0vUWs1uNNtZvsC/6KskYxCAMZX0Ge1U5PBPh9YZFXRrZY2mM5wDzJgruJznOCaQzx7/AISBrjw/4IntJtQ0uePxd9iurG6n5ViZN8ZP8QUjAPTHr1pfEtw8d18fJLe4ms3t0huUlgcIwkW0HfnGemK9Yk8G6HcW8EL6ZbG3tZDJBHtJKN/ezn72c89eajn8C6LcwXzS6RbsLzb9p3Ak3GDkFhnnrQgPMFs5fE/xG8N6ZJrF/BZXXhdbm4ht7krmVSBn8j+ldv8ABPW7rWPhjol1f3LXV3GZIWnY5JCSsqlvfaB+dX4fAuix6pZvDpkMU0Nv5CzqW3CP+7nPSrWg+HbHwvZy2OmW621qpJEaE4ySDn+f51QI3lkAU5PHbmm8+lZ0sc8cav5rY/u0n2p148z9KCjpNxBpytz1pfKNSQwjdzUmQ5X3cHioZsK3Wrvlhe2ahmhDEHpQBU3ZPBzUqn5eRzT1t9pzjinNH8woASNTtJPAps025cCpyNq461CsW4/doAjiHQ5qbc1EcJ3HsM1L5XagCLnrVe4kOevFXnhJXCn9KqPaEEGgR4H4g8Hv8RPit48tYrq80+SfSLO2srpA8ccksZdpEboGAwB1/ir034X65HrPhu3sn0w6PqGmr9lutOWErHGVBVjHxgqWyQfSu0jibZgucenofUenGPypWzxu+fHduv6YoArNkAZGR6jpTYyeeeKtMBICp49Ki8navX9KAG5B6gU/oBTFXbUgUsBQMVZfl60w4b6fSneQeeKesPy9KAItx45pd20E+tP2elOWId6BFdcSMBXKfGLxZc/D/wCGfiLXrBA99Z2+2Bm52ySMsat9BknpXarCqdBzWb4j8O2XizQNR0bUYzJZ30DQSYOGwe4PYg4I+lAHB6h4CsrX4e3TQzTDV4dOe7TVmlJma4WPzN2c9CQcj3qhbapF8Qvhv4V8Va1a3+rtdWcZOjWhKxXFyWYb3Awcb1PfAz0NdDL4L8S3nhtvDk+rWf2GS3+xTaiqMLmS3xtK7egZkABIPXJrrNN0W30XS7PT7GPybOzhWCCNeNiKMDHv/jQBxdr4T1PxRDEfEU39n6avMWg6Y2xPbzXXBJx1AwK7Wxhi06xgs7WFbW2gUJFDHwqgHgflxUxjeOJgBhccBajtZUuDIoZTImAV9CeQKAJlZpG29B25PB9ajl02yjvpLpLWFbuVdjTKuHKn+En68/iasQpwTSSRksD3oAVUjWRpGiQSOqo8oGHKjPy59icj0pTK27r27Uqws3Wl8k560ARsCSCST+JqK4kPQD9TViSHK1D5Z6YyPWgDiPjBx8J/GTZ+ZtJuAOT02c/4V1cassMKnj92o6nsPrXMeOru28TW+r+CLO3m1HVbix3XUcLBVtom3BSzHucZxSXHxEg0tNYl1yyuNKOkwwySrJhjN5u8IIiPvksmB9fagDrmVWjAIxuzuAA5+vesyx8PaTpIuRbaZb2ougRceUpHm5PU89eB+VYeq+PZNBit7rW9HuNK0y4kWMXsjqywls7fMA5UHj86tah4xWPxENC020fVdWWIXE8MTBUhjY/KWc9zzge1GoGvpOmadoMbxaZYw2MUjbjHbrtXPXOPrzWqJR5fINcZZeOoLhdaR7G4h1bR4zNd6Y5HmCPYX3qejLgdaZJ8TrZvhmfGq6dcnTPJ+1eUHXzPI/56Y9On50tRnarOD9RTZLtuAFGOmaoaLdnVdNtb7yWt1uIVlWNzk7WUEZ9+auLGZUAA4pgOWVpM88A1Yhw2MVWhhbcy44qzFbsGQqcBetADvMKAE+1PMi7unPrUckbMzDHBPFKVcngYoAlS62tt/i7CpftR9O/rVVYSp37fn/vU9Y3Zhx70gLSznd0qXz27cnpVfaaRtysMH/aOOcCgDy+88f8Aiv8Atz4hW0F5pcUPhTy2j+0wnEqvB52GbPHGF+p6V1nhf4mabrngnQNe1CVNHfVLZZlt7hsMG5BH04zn3ryPUvAM3j/xx8SY4VurS8uLyzvNLknjkSG5aCABkYZCspYMMZ969G8NtJ8QNFsvMhvPDuoWY8q4shaL8jDG7aWXBTIOCOxpjR2el+LNI1eb7PZ6jb3NxgkRxyAsQBnP0rD8WeN7iz8YaR4S0VYZNav7dr2aaf8A1Nlbq23zGHdmYYAzzV7RfCTaTqEd1/aMlwqqQYTbxqpyMZyoBrkfGmn3nhf4vaX42+yTX+jT6WdJvfs6GSS1IkLrJtHVc9vxoGdZDd+JrHxBYw30lpqmjzJL59xFFslidVBVSMnrnGazvjD4w1TwH4Lu9c05YZbm2aJXhuEJDh5An4Ebge9XbfxJH4rVrXR5LkRzRuX1ERMnk/wkJkcscd+3NePfE6xv4/hv44063n1DWtHmvrNdNjkDzTHYyNc7SAMoD0PtQB6F8QvGWs+BfDelXtubO5mutQtrGXfGdv75tu5R7dfeu9js5Le32u4kkUYfyx/F/ga8M+LnhrR7Hwr4budLtLh7j+2bKddrTSfuUkJdmB6YB9K7PxRd6tY+PtK1KZrr/hFp7m3trOaymwI5X7zoV5VieOeKLAeix7VjKE5HrUbKgHtTIfMTIYdOKkbDL0oGjy/VvGnia4+KV54V0i20qRbXTV1SF7gOGYM+zaffPf8ASrfgb4taP4+8I2upXcsOkXJeWKa2mmUEPGSHK5xlcDP41y2sWdjrn7RF9BPPdRQyeHkthJbu0e6QStujL4P8LZxUHjTwX4a0Hxt8NNL/ALKt49OhmuxJCYiwG+LCFyOuXJ69aaBnqc2taFYrBJPq9qizxiSJzOuHQ9GXnlenPvSahqGl6ezQ3upWtrJt3ss0yqVGRjjPQ5615QtlpOg698TNJ8RackVpdJGdKV4N8b2iwAJFEcZBDYyBjkVx3hfRLLTfiD4VtPHCQNPL4OUzi+JJaUTYbf1+YIAPrQxHvuqXTibSP7Ou7AQXFwBN5so3XMW04EP97kVcg1LSnl+wre2n2oZBi8wFgcZ5GfY/lXzpoOjPoVv8MjcpKsMfia6ey+0Bi0Ni/mCLPoCcYz7VteH7hdN8eaSLdYNe0e91K6ZVkTZeaZIQxk3nvGctgn1pWGjqfFXjLV/DfhmC98jT75pNYSy3QyFkWKSXap46uB1HrXafariLXLy1nubCOwhhjZHEo85XIOd4/hHBI5rwG3urS3+DcttG6pHD4zSVI+c+ULwsCM9tjDn2rX+IEemSeMvikiPGyXHhy3dGVjtkmEcg4Pcg7eB60WBnuVtLZXEmyG7hmkRNxSORWdV9SAfpU0dmg3jPUda8C8Jw6Zo/jT4VXGmxxWz3GkTLeMrt+9cxxYEmT13BhX0AJAxbGQKLAivJZK68tx9KrfYfR/0q9zyBzTef7tFija2inKtJUir0oMhy4HU02QBuRUgUFcmmN3oAi5+tHccU78KAuTnNACtzxik/SpNtMoABkU9efemDnr0p64XpQA7cF4xzUbLvJ5xSnPrSbsZoAaPvClbGcYo29DQ3XNAhjRfMTmm7McHmpW6ZpOuDigTQ3yTjP9KcsYp+4rSKc5oKBlJx2xR07VIxG0Un3qAGCMEZHWgLT+FHWmlvxoEOKjb1phUfjTlpGoAaWLcHn056U5l3d6RVyQc1I3yj1oAgkXbG+OtV7NAGZwArPgsQO4GBU8zbQeMjFNtfuA9M0AWFUbT2prRjANSBc96YynJoAVTjFIx3dBzSrSkBcY60AJt2qM0wgFumFyDmplQt1pjYAIxQM8k8Duvhv4vfEi31ZltX1ae31CyknYBJoFQrtUnqVJ+7n8qrfHaWPVPDllcWifa10PXNPv8AUTCN4FujuCNw4O0nOOxNeq6po9hrEaR31lBeLGcp50YJX2B64pLXTbfT7L7Nb28UVvgr5KJhOcZGO4IGOc9aEI84+PeoW+sfCHX7CxnjvLzXIo7awhhYF5pXlUqRjOOASWPTNZvwm0u58FfEjx3pWtOseo3iWF3azTEYnhjhVGCk5B2tu4z3r0/T/CujaXci4tNLt7acAhZI15UHg7c8Dj0qzqWi2GtRxpf2cN15Z3R7l+5645zz9aoDyDxFarqPxY8XaxZNnS9O8IyafdTof3cly3mOqA92VRz+VcvJpeoR/smhz4gxYt4dx9l8pNu07f3YbOc5r6FOg6Z/Zp04WMK2LZ3W6DCsT1LepIwPz9aot4N0M6WumHSbU6cr7xa7T5Y6cYz046UmBY8Pok2g6Ud4kBsocMvT7i1pRQrGxx0z0qvY2cOn2sVrbxiK3iUKka9AAMAD2FWlJ79aQxy4VicYp4bgYqNuRxRGpxQIkzzmpA3fFR0/adooAU/Nz2qRcYx0qPJ6Yp6r70WGOVQWxT1jCnOOaRB82TUm4duaAFG9lUF22g/dzwPTHpzTwC2Mn9T/AI0gYKPWljbdnjvQNDmB67iT60qZ2nnH04z9cdaTJbtTl+UUDKWp6TFq2n3FlM8sUM6GN5LdykmDwdrDoccZxWT4Y8E2Hg3zRYy3cquqxhbmdpAiKSQqjsOfyFdCzgdKjMg27jnGaAE2Hb1zkEHI5OetYs3hW0k1ZtQuLi5uMyeetrNJmGOTAAZVx2xx9a07i8CriMb3/uikWGa4VWkO3j7tNANeQYIX5jUFrEbxvMZmAViu36VppCsPQA8UwLtfcMA/ShgRCzhRg6xoGzk/IOfXtUc1sHXG1TxgblDd8g8+lTn0obOOtCGVZLOKZQHRWx90uoYrz2JFcZd/DmS6+Iq+Kpr+O4C2J08WctupQRl9+ck9d2Tmu6pu4t7UwsQmCLjdDE4GNu6MEDp0/Lt0zUX2G18zzPs0PmkbTIIlDFfTIFWWFNbgCgCi2nWuzYbS2ZAQdvkJt9CcY68CopNJsmjZWsrZt3GWgU8ZB5456VocGmtTEZy6LYIyMtlbKyHKN5K5Tr93jjk5qZoVGe/uandvaomNA0QC32sSKTyxUuTSUii1tp7EKo5zTHkDdBUe7PVsVJkTrIMYoGG4BqFcfWnbtnIFAEjDbik3Ad6ieYMeeKjMx3e1AFtmG2ot+e1Rhty5zQGxQBY3DApuajjVic9qeeKAJAOOtMPU0qyDuMUzzV3Ee9AEq4b2pWUdjmo9wHANKG20gDbSFwpwRR5gqJpvmwaBErEYzTFbmhjkelNX1oAnVvWnAjJqDd8tIs3OKYFllFRfxeop24etCsOe9ADuhqQqu3Jpitg8iiQ9eaAG5xkigNu7U1fl609SKAIZ4/lf6ZFR2eTbpnrgcVNNllbmmW67YwPxoAnWnsvyim4xzmoyzZPNAx2dtOVc85ph+7Ru2r60ASLJjNNYZzzUYz1p+7A6UABXjrQoGMU0nNIKCWKy5fPb0prLyeafzjJGKiY/NQUKuO5o4bkUqqNvrTgAq8CgCMfePFKfypelMLc0ASrjjNTfJGpJOAKqq3NRXkhMPPTI4oAuebG3RwaVZB3YAVAqowACDpUpjGMYFNASCRC3DA0/zE7sM1Cka5A2gGp/Kj7r830pgSROG+8cCmzSruwjD86csCsvQ5oFvGv8OTSYDTMu0fNz0qeFx3pv2eNwFxUy24X6dqQ0PDoO6/nSNJEQf3gGBmo2hXdUMtlvk3KcDGCMUDKF1eGZ9kRICnk+tSx77pQC2FHUA0NpoWRV/vH1q9a2qQ5wMfjTQCRQrEPlX8e9Sr0wR+NObDdOKaOOpzTAGYVGR3qXdUTEZxmgBjeuaVl+Xrz0xUVxIFUYB5qpcXEm47W6CgaLjADqaZuC4HWswXkxXcST+FSrcsysc42j0oGXmB259TUZHNU47qSRgxPykflUbXjj+LA7cUCZcaRV6kUzzFbODkVQa4dzyB19KTcysVHSkxFqSVV6sPzpm4Mm4HjpWfPIdr8buaimZljQ7wAKExo1D+lJketZTai6MAD5mf7vaoWv74sSuwLngGmM3lJPGKfsDKcnBooqTMSMhTzT5DuHHFFFAiF06VGyH1oooAkhQ7etPWMg5zRRQBL0A5pPvUUUAO2DvzUTj5siiigCGQkMG3Y9qRrncBniiipYC27GTcQelNkVlYntmiikBYh+bGTxipZECrxRRTQECfP8vSnNblTwc8UUVQDDkZy2KfDJvXpRRQBLu3D0pccdaKKBhzxSMdzccCiigQyaVY+CeSKjtbhJNig846CiigC0enXFKi+vSiigYjYJNMoooAkwKYyksaKKBCUetFFACglsc8UuwYPHWiigAj+XgjihqKKBkbHpTkUN3xRRQIay7W65qK6A8lh3yKKKaAki7YGOKtR/MfeiimBDeO0eFUZkY4FEcUvUuSaKKBk6xyheHNBWVej8/SiikwJrO4Em9Cf3i9ferasemeKKKQ0B60obFFFNAyGT5pkPfmpf4aKKYhhY5pOaKKBoKay96KKBlaa3Mn8RGKrNZ7XbLbt3t0oooAa1h+7Chj9cU1tP3AAOR60UUADWYjh2r2qstuJlCD7w70UUASNZEHBPOfSmtaupJzmiigCBrF9pGevJqG405psZlIUfwgUUUAVf7IkVn2uAhPpzSHRWPPnAUUUAf//Z)

Фенициллин и пропициллин получают реакцией 2-феноксипропионовой и 2-феноксимасляной кислот с 6-аминопенициланской кислотой при катализе изобутилхлоркарбонатом и триэтиламином.

![Text, letter

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RyeRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjEwOjA0AAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAM5NgAAkpIAAgAAAAM5NgAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NTowNgAyMDIzOjAyOjI2IDIzOjU1OjA2AAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAACvIAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAOQEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A9fY8VEelZmghAxSHNIBcd80YyetADSuD1pAy5+9QAm9eetKME4zQICOnzUpHT2pjEP1prHaMk9aQhhkxxk04OB1PvQAodXOR2pOGfp0pgJlVYkkZPvUgdeoI96QEiypn7wqXcvcimMUsOuaaWHrxQAw43cdaQ0wK7mTJwBjtVeRpv7ooArky85WoWL55HGOlAyuwO3nrVd6AOwJNQLPE7tGsisy9QDzSER3Fwtum5wxBz0HoCT+gNMnv47aJ5HDlURnbA7L1POPWkA4XsbReYA2N23p33bf51B/asOQBuySwAx1K53D8NpoAngvEuZJI0DZQZOR7sP8A2U0+d47W3knk4SNS7YGeBzQIhOoWodF3jMhKqB3IOP50fb7PPF1Bn03igBv2pJsi3Albkbk5A+p6enFQpfSwwgXUTLLnAPBDEngZHGfrigBksFy0gcSMMPk/OeRuBxjp0BFXkZ2Rdy845oArfb4vMEZBLNnZhCd2OuPypo1O1wGaRQhAbcQcYOMH6cjmgCVb2EvsU4YDOCpHY+o9jTF1K3+UCT7wyODzkE8evAP5UwFF7bOVPmKd/wB33GQMj8x+dTxvE44IIBI4PpwaQDjJBHtMjIu44Xc3U+lT4Ur04+tMZAby1aLO/GO3Q9AeB1PBH50gu7UyNGJMOM5DAr0x6/7w/OgCR7iCMh3lAypI57DqfpyOaBcxuMg98EHjFMCu+oWqhmMygLndz0xnOf8Avk/lTWuof+ei/wDfQoAry3cKKMtktwFXkn8Kofbdpl+1DylDEKxGFI7c+v8AkZoGUpvtTyK8b4TcCQe68cY7Hr/no8MxjQuu1yOR6GgDq7lFldYWZgGUsdpxnGB+XNRTW8cdoVVM7Fygyc5xgc9c+9IRHZwpJZQSTKJJHRWdn5ycf/XP5065iilnhRxEwJbKvg5GOQAfwpATGGPY0exShOSu3g55NN+zQ7SDEhBxkbRzjpQA5IYoslFVSepUYz1P9T+dJtWeErInyuCGV8HIoEJ9kg8wyGNSx7n65/nz9ag89H1ALGrP5aMGZRwCSOP0/n6GgB0Mu6WYCN8h+vr2yP8Avn602eQLtLoRFkhiwyACCOfagCtcWV0+fKnZBn5AHIwNmMY6dec1cTzdp346nGPTtQBBLavvDosOVJKkg5GevP8AnrUJtHxtMFsyjGAc+3H04H5CgBptZ5AwMMJUjBzIeR+R9TTTZPhQLeAbBhcTt8uAQMfL6MfzoAr3lhcLZk29lBJKgxGhuDjqDjkAY4H5fhV7TLEwWwaVBHNIBvVX3gde+BnrQBLZWUZVblmZpJEG4s3qOn8/pmnW0ate3ECs6xQbNiBuMkfy6cdKYyy9pCkDoqKFIyfy/wDrD8qSKzjwku0+Zj724nqBn/0EflQAstokxBkBJClevUHqD6jpxTVtIkQgoHyckv8AMT+J+lMCrPpdpMZGeHJkOW5PJ55+vzHn6egqDULhIZbYSZ3CTICqWP3WHQfWgCvJfRC6jBSQEoSP3Z5z7deNvTHeoLu7hkt5I2jkKspBDQtj8cjpQBWuYrkri2cKuBtJbOOuf6flTsyEfOuDk/lnigZ1tzbR3CYfIIBwynBGf8j8qgEEm0JLOWQf3cgnr1Oc+nTnjrzSETgKqhVGABgAdqikt4pJ45mHzx52kHpnrSAlyBSgjGKAEOO9AwOaAGSqZY8KxXkE4OMjPSmwIsUKqzbnAAd8Y3EDGaBEpYdqTjGCKBmbLZ3Bm3LdOoJJ6n+8COM44GR+NNhs7hbgM92zpx8mTgcY/nzQIttGTxvNQvaiZfLkckZB49R0P1oAjjsVhDBJTuIwGYDI5P8AiaijsGhhCRXBG1dqkjOCF2g/pQBfyPU08EHHNMCsto0Mm+3m2qRgo+SvTg/59uRirkUSozOZC7t1Y+gzgfrQA+eJbm3kgZiFkQoSOuCMGiKMQxrErnagwMnJoGPOT3phzjG6gCKQP5TBGAcj5SRkA1TjgfzDLLgyDhCeSBgcZ+uaYA6EuWwufXHP+eTUDhietAGTcQ3mXEMiKuf3YHQDaMZH+9k/SoIYr1HBnlVhsAOP72OT+dAzumz6UzPtSEGR6UHrxSAQ8HgZoyR/DQAhJJ5FOBJ/hoATJ9KD9OtADfwozx0pgNLH+7TSTuA20hAW5xijOB93NADN3P3cUmR6UwG5z2oLgcYpAPDLxkVIHUc0xjw6+9OV0kJwwJHBwelAASueD7U0kZ60wI2K4xmoHCnndQBEwUA89agYDOc0AVnQetVnWgZ2Jx61GSKQhAwzS5GKQBmkcnGRzQAzec4xmjzPY0AG5qCxAzigBC56YpuW9KADc392kLn+6aBDPMOcbTQznIwKAGl2/u0gc9ximA0yY/hoL4HApANEuOoqRZRjpQBIsoPUGooYYluJpEZw0o+bnp16fnTAqvaWxTiXGxiCxHJ57nvyasXLxPp0iPMqK6FPMPRc8e3rTGU5LSZ/+PfUNiEgrhM4GOnX9f8A9dMa1aJtsl+pEg2qGGCTjGevJoAkt7eSCHZLN5rZzuxjj0pzDHSgCu/TrVV6BnWsDUWDmkIAhxTtvrSAUDApCcDOKAG+Zx0o3c4xQAF+elJ5h9KAAOeCR1pu/wBqADfz0phlPpxQIaZP9k0eZkfdNMBNx7j8aYZfagBvmgnGKQyDk+lIBvmr70olU0APEq+tSK6Y6imMgaytZEVDwm7ds7GnfY7cxtGeY2K4XPAx0xTAqy6JZtLHIg8vYxbCgDOc/wCfbFQ3Gh207hmlnBDlxtYDnAHp6CgC1HCtvCsSsxUZwWpj0DK71WfFAHXN1pg6UhDh1NIfvUgA0h6UAN70dhQAlNPagBaTvQAg603tQISmtQA09KQ0wIqb6UAD9RUa0AKOtPX7v40DHjrSp1oAkH3B9aa3agCJ6gfrTGV36VXkoA//2f/hMehodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0b3JUb29sPldpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQ8L3htcDpDcmVhdG9yVG9vbD48eG1wOkNyZWF0ZURhdGU+MjAyMy0wMi0yNlQyMzo1NTowNi45NTU8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAMCAgMCAgMDAwMEAwMEBQgFBQQEBQoHBwYIDAoMDAsKCwsNDhIQDQ4RDgsLEBYQERMUFRUVDA8XGBYUGBIUFRT/2wBDAQMEBAUEBQkFBQkUDQsNFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBT/wAARCADOA6ADASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD9BN1H8NDcc1C0hrkO0bK3zGomyRTnY0wPyRSuAn40yRTjrT6Vl+XJ6UhMq7j0p68Cl+XNLtFAhhqKbJ4qcLlsdqSSM54GaAIYeGweKnyq/WoyowMdaXbxzSYA0vBxUG/p2NSMu2o/vHGMVIEoZvWkLc+tPVSFwOaYse5ueKe4DWYtxUkbdqd5PpzQI9pzTACTjrioGY7sGrDLupjR5amAK2M1C8jE9eKnEfWonhLNxQBCysaIpjHxU5hO3GcGoPKKt0oES+ccdKT5n5p2z5RS7d2RmgBA/HPWnRyfMRUZt2XqalihAXPekA/d1FQSqcHmrAG0VDtLN0oAiK78A07cUOM4qQR7WB7U5lWTtzTAbnC5J5pnmB/lzyKc8e5cA4qDyXjIxzQA/nnJPtUe4jrVhVbqcUSRiT2NAyFJOaleQ7RTBa4PWneTtPHJoAgkuCrKQePpQGaReDmmupPJH4VLbwt15xQTcniG1feoJpvnIqztz0NMlhDcgc0FECyAMM1bBGAc1UWMq3IzUoUgdaBCzTdh1qIyMzDjP41I0PGTTVjKk5GKAGrIQ2M4H1p07bVHrRsGSTUcsbSjg9KACO4x2p4YvyBUARgfun8qd+96Kpx9KAHtIe1MEx3eopGRuaiVG3c0CL32jC5xUS3W6X0FMGdrCozgdOaQyx5p5OTUayndg81Eu459KWNTu9aALitTkakDDHSnKu/gCmIaTzUN1N5aADq1Typ5Y5qAKrsCwzQA22Ty87/mNS7cijbtpA/WgY7jy9px7VlTWayTbQCxPU1oPMFU+oGarW0hkHmY60ALZ2rW6EN+AqS6Z0jO1Sx9qkVt3Xik3Z6ikBlW/mMw4KlexrXjfgVXUD7YeP4atbl4GOaAJFY4pzqZl2fw1GsgHB6VYQjAI4pjILeQ25aNwT6Zq0pyTUFxF5q5U4b1ot5Cy8/e70AW4wMk0/GCagjY1NupoCRfvU/kmo0bFPVjzTAlUlVGDQcj3qNWqQUAOWhVzSL2qVe9A0M6Ume1Kx602gGL070yRj9aVu1Lsx8x6UIQzcdtAYYz3pkjZ6UmeM5pgK2G5/Sq9xaxzfeHzDoRxip/xpjfepAU8T26kBhKPQ0QXCN/rAY29G4qyy5YGomjVuGHTpTKHe9NNC/dx2p3SmBG1Jg+lPbrTd3WgCNu9R7hg81BqVy9vDvQZOapR6pzh0BGMgg96ALzevamHqaof2jIyndHgk8Co21F1k2FB93Iwe9AGgx61C/esqbWLhY1YxKB9ajOsPwzKNo6ilcDSeSPdgt831qKRlXBJwPes7zDJeHaOWGRk+1U726a6jCnCOj8ii4jWkkCjrULMMZJFZL3BmkZR/CvOKVpCVTbk+1MZosc5Paq/eq82oG3Uqw5psd6JM4644oGieRwo5NQSHK1m3EzrGwYnOat28m6Ec54oKI5APxPSqknJx2pupSMJo9rY2+9OUiVdy0wI36Yqq33mz0q0w5NQSLmgCuw61FJ0qduBUMnWgCFqiZe9St3qJ+RimgPpVm3cVCy4pyZPOKWXpjvWTIIZAMdaiPAzUrgYqF/u0gEDUNJximqtKy0CZHSrzxTWUg+lOj9zQIkwFGaikm2uBTt3FNwGYZHSgBm6n9VFMVhuIxU6qO1JgQN1xTWHapnXmjyxUgRJu9aeM96eFANLtFNAKp6UsjDA5ppwAKZ2FUA8j5c0ylLflSMcnNAEkZG0cU8qOtMj6CnMw9aAGsMnNRPjPTNSNzURzuxikAr/dGKasiZxxmllUDA9RzWUWLTuMlQKANWWVVAOQcCoY7ot7VntKy72BymMc0+Ng0Ksp6igRovl8EHAprXCwrvJHHvVP55I8k4X61BPGfs4ABwTxk0tgND7YsgyCPpmke6ZcELn8aqw2bDhQEPHJNWZ4WVVJdSc8mi4DIb7z2YbNuKfJLlQcjiq1upZ5McHNPklSM7T/F0FMCxDeBsZHWrW0bc5rKx5exl5B9K0UbcOlMYdWqRsbfT1qFmEYLEHA9Kpy6whjYKp9sjmgRebHYCkO7+Hp7Vlx3Esq57CrNrdiT5RuBXg5oEXVU88UyQnPBpDcqqvwd2ce1VzedOGLd8CgZOOnNGdzY9KVZlMZBUg+4xUYlC8kYNAFncCh3dewNRu1RSXXybiDj2FV2v13AfNzwMr1pAWs7vpT1wFxjNU/tgZQB9c1PGx2Anj8KAJJJFxjFUri8MBQf3jgVZZsrwM+9Z2oRiXy26EUCZZa6bcF4Ipk1z5cgjUZY8/SqS74bqEcsrdfarUg2vuYdO9AISO9eRirLtI/Wq41B7mZ44YwRGcFj0PFKsRku2ZM4A49OlR2UZsnn39WbIoGXreYyQv8uCvGKVbiTaCU2D3GDSWqiNZGfoTmoLm8E0GEycn7uOetAF9ZflGOaX7asIGTg1ViyseemBWfeXDSsuwfWgDSutSUtGEXzM9SDTobvzDym01jrGJIZRGW3r8wrQsmMkSEj5u9AF9npu7PNAHY0uzg+1MCnqEh8tUT77nbU0K7VCDoOKqrvmvif4VXA+taUcfygnr3oATaKa3apHT5c1Fzg0AR/8vDMOoWpR93NZd5K0czbTjihZp9qkHhRz70gNVZMYyKsrMu2udWe4lWR933TV23mebK55AyaBmuJFbg1DIpj+ccVRjuS2GJwBTxdSSR5yNtMDRjmDDdnavvVhZlxwc/SsCS4f7O3y5Ge1KtxIswWJVVtvG76U0B0HmBfvEKP9ripo9rfxZHtXI2d7LJHdecGZFbBbGPyq/wDapYFhVgWVjkYpgdFtCnGafkKOTgVj22oSGUoygKe2elT3EzSJx0pXA0lYHGCDR5g55FY01yzeVCM5JqK11R03olvlUJDOT70AbiMGyc0pYetUbK6S4B2gqQckU2S+CSEYzj0qgL3mDaMHNKzfJ7VjyagZEBT5dr/nU4vxu2kE8ZoAt0i5x0rNbXIY8NIjlc4+WrNxcEQBlOA3TJoAtYxTGbH0qjYzSbWDndV3GcZ9enrSARmpmN3NZ1xNNF5hWUcZOPxq9buZI0Y9SM0xjulGacy55pmMUXGDVE3SntUbd6AILiF5lwjdfXpWYdPmMjb2U+gHStjJGahYZ5pgZUllJ5YVeG3dabJYzMxZVX7uOvWtUqMU09KAMX+zpWQI4Wqs2ny/cwuPWugYVDJHupAYEtldQOHiCHAxyaqTaVOUDDb5m7Lc10kyfLiq7x8dKAOdayuvOdlRRuGKfHZTIqblG7vzW3t+WmNGKAMSS2fcxK5qOG1kXfIQAewrYkjHToarOpXvkUDMeS1d1OetSwxtHHkcNVuQBqjk+VcUIZj3VrLLIrMn1NSxr5SDAxVqRjwKhkHXiqGQ8HPNQSVKf4vbrVeRucfjQBFJ1qF+tPkbdgjkVE9AEbfdqGpj3qE0CPo1ZcU2SX5hTOe9I3SsiRGkqKRiehpWoVcj3oGIrY6mn7qikG3n3xSqx5oIuLIelM3c0vOKikbjjrQA/wAzbSCTcTUGScA9aeynBC0AIzYORUiSjuaqK4aMbWDhj8pByD9Km8siFZD8vpmkIk+0fvCB0p7SHjHNVUBLAAZJ/wD1mpEXcfMBDKOCQeBRYZY3Gn9VFVHmEbckDjPXtnGfzqYE7iM8jqPSlsA9ugpM01m2qeMkcmoJJflHO1W7n/PtRcRYLc0wzAN1zUHnS8R7ck9OOT3pFAMbNkFBwWHai4ywLgdqcsm7mqkcZy5GcKcH2PoakEm1MDnnAPrRcC2r++KRZVU881WZmIBBAGM0hkPmFSMsOMDtRuBZY7m68VUa3G4nGc0pkOfaplpgQi1TbjHHel8lOwwvYVL5bN7UMmFGOaYh0MKMpHr2NSPEnAKj5elV0c+ZjPPpUrXAeNVGDxnI7g9DSYCMQGzimrtkY7uR2phkHIwcDimltnPQYz+HrUgSrGqbiuM1HJHG8iuy8gVI+AoOaRU3Lz1poCJUVQBjgVKsgPAprQnp2qJo2TpyPamMkYjzCG/DFDRpKVyF/AVUuJWjXdg5o+0EABRk0CJJLfy2G08ZrN17xJpvhmGB9Ql8s3EhighjQtJIwGThRycDnjtTr/WBYWzzzNHFEh+eSVwqr26n34rhvidpOpaxfaLqXh/UUsfE2jpcXFtDMcxzwMFEqsOmMlOf9o0wO88P+JdL8Rx3T6fN5wtZfInV4ijI+AcEHocEce4rWZ1XODuIOOleReA/ipZ3EWrQ6/YQ+GtdTUEttQjdh5M85hUoUY9MqikV6P8A2g82W8vaOu7cDkdj9KANNpjwTgmsnxZ4mt/CvhXWdbuUMkGn2klw8Y/j2DO38SV/Wi5uzPGgXgs2M1lapptl4p0PXPD9zOrwXcDWVztbcYi4zyB0PKnB7UgMvwzo+qeJPC9nq2ra5e2+valbrd+ZaybYrbehZY0X0Afn/dzXM2OtX3h34o6bp2va/N9lXw5HdXELTHypbwShWbgdDjPFafheTxZ4b0Gw0O/0iK9uLKNbSHUI7kCGSNFCozL1BUAfUimxaLrrfFo69fWUNzp7aKmlm4WRdxkErSM+w9FOelLcBvgHX31z4meN4otYuL/SNPNotrHvBjQyxFn684DA9a9NtdUt9Rh3W08VxtYxvJC4YBwMleO4z0ryzwnpeo6X468fapfWMNpperpbvE3mr+7WOJo2DAdAQc1P4BaO18T+L1t4rYWs0lrPBc2DHyWj2EJGwP8AGpXc2Ou8UbAeqRyBlYbgahk2qRk5H0qotxuYhOAOn07Usk5VQxHHrQCZdWSIEbvzxSM6yYyAaqs+9Nw9OKyo7pkuJVZ+QOBmkO50JUKo2gA1GyjOQgYmqGnXEk0TM2eMYz79KddTF1RI5NrHoRTuIt+YB8oH50fIvJUL+FURI8LIpbcTx/WormZ1ZWVtz4+VfWmBrLg/xc/Tike3jXkqKz4Lxhs3Dlhmr+SV5oARVjb7uF+lS5VB2A9hVdiE56d6QyBhgg570AWBIrdOfemTzbYyfQVXEwVMqeO1QSTNIygfWmItaeixwrk5bkkn3NWll61TSRdpwe3A/T+dQw3hXqOc4x+NAzS8z5eaTcOecVn/AG0ytwOO1H2gnrx2oAS4g+0XLDICkdanhtkGOThRjHrTIQZJM46DP4etO87GcHNJgN+xrGCgPXk1IkAVhtbAb5TTRIW2seKcsoZcD+E8mpGTLZxLCyDJxUf2VvL2ISpHTirEMwI6VPHJ8ucVQFJrGd49hkG7PJAplvYyxymSSTJHAq5LdFWwB+VMabdk0xEbaWfsrqjZdzk1Zjs5JPLVtpVRjNLHIG4zzjpU8TbVY9qBkdvaSwyEjaV9TUssDtG0aj7w4OaTzzIpAO3FSLMeF70AVmtZVaN9oyvvUP8AZs37zAA3HJ5rRkz5fXmhZl4BPzU0BHp8ckTEMgVe1NurZ3d2wPm6DpU32pY8d6e9wqgZJ/KmBgzafcrbJGqYKybzjkkelWbeKRZXYxkgjirsk/75CG+Xnn6dae1wiLuA47mkBl3FoXjVNmMHPSrV8rTQRqgIwR0q40ybQTxn2pPMRk3dvWmBSVWt2UqCSevFWp5XVNwGWz0FM81WJyMYqUSDaCWoAyIY/LlmaZXJb7vBxWrCxMalgFOOlTqySLngge1RTuUQkY6igaJP4aY3eq5vNvzHkfyp6zLINwOQeeDQMVqZ+NJJJhdw6VEt0JCRjGKYEkmeaiPShpt2ahjmznnjrTEOPWmtSlqilm20DBu9RsTQJd3XimyNhfakAxqgfpjvT2kHrVaacLIq45oAG71GzYp24eoqORu54oAhl71XYj5R3b7vv9Kknf5ip+7g8+nTn/PrXgnxI1i00Tx1ri+NILuHSdVCppOuQu6xWnyYEbEf6vDZOe+aAPbj1pki7qz9Bia30PT4zcfawlvGv2kDiX5R8349fxq+z0xoryEqentXG694uvJPFr+G9Ft7eS9t4Fnu7m8z5cSv90ALySRz+ddjK+WXHJryq6aLwX8YNa1PUm8vSNes7cwXjKWjSWEFGjk9AwORQULrXj7xHoepWFjc6XYRTT6ommb2d2Ukxh0lXjofnGPUEdq018T37/EK60CS3t1tobKO+Sfc28rIxQAjtgqfzrl/itrGn+IrPwyqPJ9lXXYC1wgKkxbHDupHOFJxn60WFlbaT8ZHisrqaT7VoUaCSd2lKyiVm2hjx90g4pgeluep/n29uajZfXjvXMeDb64a812wuLy4u5bK9CRi7i2yKjICDx1B5I9q6YrtXI6UARsOvpUTU7zM8VG2Q3SgD6KemnpTZm+ak8wDqcDGeayIF25o28YAyfasLxd460fwSI11O4JvJP8AU2MKmW4kP+zGOR9a4TxN4j1nWdNe617UT8PvDZUbYI3D6ldjP3f9kH+6vOCKAOo8TfE3w94Vu/sk9zNfakPma006MzSoncttzt/Gtrw/4h0zxNYC90q9ivbdupj4KH+6y9QQeOa4/wCF223W6GleFW0HQ2U+Td3pAubuQ8lnU8hCPWpNa+Glrcaj/a/h28k8Na5jJntVxBMcdJYejDt60EndMxFRtnFcFZ/Eq88P3MWneNrL+yLhziPU4Pnsrg+56RnGOCa7S71ax03S/wC0bu8t4LH732iSRRHtIzwc4NAEjKWbA615trN9P4w+LUvhKeWSDRtJ0wandQxNsN27tiNGbsi9T65rT0r4g6j4s1S1HhvSHfQVlBuNXvsxJLHk8QrjLH/a6VLr/hC8j8aweLtDeFb37N9hu7O6+VLiHOVIx0ccDPtQBhavef8ACvfip4LsNMLJpniWSe0vbPczRKUQMsqK3Tk4wK6G6+JyWF9caevhnXZDHKyGeK0+RsEKGBA5Hf6U+18H3ereMrHxPrjwJNp1vJBp1hbsZFgaQYkmdj95iAAAOldczvGuN3/ASeB7CkBwHjvWJ7j4geEfBUF01lb6qs19fXERxI9tDkeWh7bj1rYuvhvpxvtLk04Pp7W06vJEsjMlwgUqyMPXDKc+oqr4v8G3mua1ofiHRb6Oy1/RWkWFp9xhmicfPE4x0PXPvWpp8+v3jw3k62VjFGDJFb2sxcXDkfIWb+56j6UrgeT/AAd8SaRH8NtbOo/bp7me8vkMpjeT92jMsQDjgAbVrpPgzqEei/A/QNYnW71O4uIDcS+UDLPKxlcKoU+gxWn4F8H654M+GU3hzNncXipcCCVJCIz5zEncMfw7uPpWj8L/AAzeeBfAujaBePC8+mw/ZxNbuxV13E5574NG4Gh4b8YQ+KLqW1Oj6rpvlruaa+thGjDOCoPc85x6CuH+Hrp8Vl17xLrTfabManPp+n2SMyxQRQkAsQOWJJJ+hr1ZS3mAjduX7u49T0BJ+leeaT4Q1fwDqerR+Hltb7w/qFy1+LG7do3t5n5cKw6g4HBoHcwPFFvdeH/HGgeD9PvZ4bbxbqTTyuHJkgt4oV8yFGPTcRkfU1J8VPJ+Fel6T4o8P+bazQajBaXNuZC0dxbyttIYHq2T1HpW94g8C6jrp0nVTqcaeJtJvjeWkwjP2ZVK7Hg29ShUZz3JNSa14S1Dx5eaWviC3tLHRtOuheCwt33m5lXiMseyDJO3rxSEZkV/J46+LXibRb3zE0PwzBbqloGIFxdSDczvjnAVSo+lLa3CeF/jNp/hW1kkOg69pM9y1uzlvJmibl1PUBlwPati88HXmn+Mr7xRokkRn1WFIdRsrklEl2AiKUEch1Bx9BTdL8Magniy68X6v9mm1s2hsrG1hJMVvESWILHqWZjk/hQBxfwd1zSo/CfiGO/jvppJtXvoztR5AsSvtjUMOgULiul/Z7tvtHwh8P3sjtLc3kcsk0rsWaTEzheT04A/Kn/Dfwtrng3wRe6PLJZT3ct1dXMLxsyovnNkhuOwzW18L/Dt34F8CaR4fvJYZptNiMAntySsilmbPPOfmx+FNAdeq8AEZ+tSGNTgDGar+dzjp+NP+0BKoCZsLweaYzoUx3qu0xdgc4FNXKkk0gPPfFXiLUNL+LnhTSBrDWWiX1leXd1E21RuhC7AGPTLMKTT/FF/qXxuvNFttYa50KDR49T+zRMrqZ2mEezcOwBzUHibRrrVPjR4Z1GTR5bvRbPTrq2nnZFaMSSFSpx1I+UUmm6FdWHxm1jUrbRZbPR7jRE09buNFVGmjk3u57hduOfaluI6b4g3l5YeB9YvbDUZLG7sLaSdZoMMdypkIw/D+dcnZ/EnUNU8A+JUuv8AiT+NPD9tI17CuMeaiMyTID1RyDz0yQKz9Q8PQXel+MP+EZ8y7gvdLXTYraOUSm5mEjB5wCcheVXPTg1d+MHw9uPGmkvr2gLJp/iL7G1tJA3H2u2kBEkTgdWGcqadgO5m8VaV4Xs9Pi1zXIbW6ktw4kvDhpWx8xI+uaoD4t+Cmx/xUung9/mx/St280u0vvKNzaQXJhXavnRK2wf3QT1quvh/SuMaVY/+AyUAUG+L3gf+HxPp+7v+9PH/AI7TJfix4N3D/ipdPI9d+f8A2Wub8J6Lp0vxc+IgfTbT7PDFpiojW6kKxicsQO2fk/Ku5/4R/SxIw/smxPOP+PZKAOeufin4OZSP+EjsM/73/wBjWXcfFbT9UuG07wvbN4q1XbjZbD/R4PeZzgKPbrXat4d0n7v9mWYPf/R09c1xnwztYbPxp8TViiWGFtWgjCxoFAAtYjgY6DnP40DI4fhpe+Ipre88Z3/9rSROHh0u2JWygPGDt/jII/irofEHgex1+6gvZXubbUbaKSK3uLWcq0auwZvY/dHFdGrkuc/yxSvQBxK/DLRotDu7Ca2F79scy3r3TFpLliAu9m7MADjHQGudj8N+Ivh8qS+HZv8AhJNDjG99DunxPBzk+RJ3xz8pr1XaC3J471CsKRszR5U54K8EGlcDyy++KD+MLyz0DwfC6+KLgNJOLxCh0yNB87yKfvH5vlA712fhHwPa+CdJeztZJbmSVvMubqZsy3UuOXYnpz2ripPAmmeM/i14/luWmtL61TTPs19Zt5c0DGBiSCOME4yD1xXT6Xq3ifw7q1tpWtWn9v6dNIsUGu2S4kjXnHnofYDLCjcR032d5EHyfdHPtSNblhjgHGetQa54n0zw/wCSL642TTZEUKAySS4IBKqOcAn9RWRffFHw5aWt3LPqBthZxrNcefGwMKMcKXGOhI4P4UwNVtNW4ikjnhSRZgY5AyghlPGPyNS6fpdvptnHbWdtDbR4BKxrj86ytQ8d6JpOl22p6hefZrG7ZBDK8THezcKB6E9hXQW86TRo6BsMu4bhg4PNDERRwlWc4xuPAqVbfbIN3zL3FSL83J6dRQ0nbvSALp4dOs7m9uGCW9tC00rE4CIoLN+i/rXn3hGTxB410eDxItzbaVBfj7RY2Lwhx5LH90ZT1yRgn0zXY+ILGPXtD1LSJ5Wih1C2ltXdfvIHXaWH5j8jXGfDnX7jwn4T0nw5rWk6jDqulQiyDWdv5kdwqDCSK4/vDAPpzSYzK0bxlr2l+LLOy1+SG1tl8Nvq11FHFtaKaOcKxz6YBwPetfw1feJfG/h+x8S2lxaabbagnn2OnSQl8x5JjMjnlSw546A1keJdGu/FvxDu7S/s5bC1vvCdxpstxCpMMMsshIXd3IUjp3q98NvF0nhfwnpPhrXNLvoNY0qBbAx20G+O4WMEI6PjGCACfrQK4zR/GeveJtYg0G3t4dO1qy02G+1e5mjyltLIf3cSKOpPzHPoRmr2neKLmz8cXfhTXhE18bT+0LS9gGyKeAMwbcp6NG68+oBrPsobzwj8T9U8QXtm39leJbG3WdoF3izuYlKhXA6KVwc9MkinRaEfiD8VD4gb7RZaHZaLLpEUsyFXuHnbLsq9dqqSM+opoC14X8Ra/wDEPRW17REs7PSpZZPsMd2pL3IViokY/wAIdwQB2BFR/wDC5rM+B01pbNl1g6h/YqaSD8wvw5Ros/3RjP0Iql8Mda/4Vj4NsvDevRT22oaJLLBEYYWkF1HuZ1aMgYO5SF+ori/+Fb63pvhHT/Ea2rPqtt4sfxRLpSnLi3kbBjz3dVCnHXNMZ6vfX/jHS4bOWeHTLxJLuCK4itldTbIzgFh/ewW5x2Gar/D/AMVa74wh8TCe0soptJ1G40tPLL4eWLaGY+gJar2m+PdJ1hrYaY8t3I7KWi8hkMCZO4y59MdOua83+Gem6ZqE3jm5vZbyAHxBe3PyyNFmFipWQD0PzfkKBHffC7xdfeOvB1rrt3Db2wu2dY47Uk/Kjsh5PUkox+lL4h8YLo+paXpFhAupa1qzObS1L+WgjQfPLIw6IB+tcf8ABdJLz4H6Tp8eoS6LNAZvtcyKVlhTz5HxlumRt57D61gadJqvh/xl4M8aeImkudMazvtKluhGT5SmZmgndR03IVyelMD0q98SeJdHmitrvR7S4FxbzzR3EEzeXmJNxRgRkMVHBNZEHxMnk+ELeO202JbcWh1D7F55z5SsRgt6966PV/GOjXmlahHbX0d6n2GdnniGY4l8ttpJHQk4H5V4WukqP2T2uW1S+SQaK6G0aYBBIWOI9vYn060Bc9vbxdHbeFdO1Se3xdaisQtNPV9xkkkXcqA9ThPmPpz6VFfeORHr0mh6fa/2lqtrCkl/5cwSG1VuiF+7E88dq4DUr0XHiz4QTB99j9luA21sqZxZLs/EAP8Akar+E5k8O/FTx3Z6pKIJtYvIdUsZJm2rNDsK7AT3Q8bR6UDR6NB48ngj8RLPos0N5o0C3LW5kQiZWRmLxvnBAVCPqaoy/FS3/wCFejxsdMuF0poluhB5q+aIj0c4/D86j1vVLGbQfFAFxHI8OnSI9yhGzmOTCh+hI5OO28V5FeaXqMf7K5vl15zb/wBgoPs7IpXgKCn146UmGh9MaTqB1bTbS9MTWf2mIOInYFgCMgse3BH0zVDR/EsOpzXcWTFd2U3kz2zffiz90+4IwfxridS8SajocfhJ7d7E6XqD2doIJSVkkaTaGKsOFAGKydb1LUdL+NSxaWoup77w0rvFJIQhdLrbGX+gYn1OKQXPZYbvcznBBBxyetWmuk8sY+b6c4rgfA2sahqkmu22qW8MVzpd79jaa2yIrj92rBhnoQGAI7HNdH5jwwoTn5gM59aYGulwskojB5POfSrCqQCeNvTmsKZlVhM8mxIxuZmYBVXuTXGXXxTu9WvJbHwZp/8Ab1xExEl/IxS0t2Hq/f6LTA9G1jWrHw7p8l9qV3DZWkYy0krkD6VHo/iTTfEGmpe6beRX1o33ZoG3DOeh9DXiMI0m/wDElimu6hd+OfEPn5eK1QNZ6dnnOPujAI/2vau61b4cpDqr6n4Uv/8AhGdZ7mNM2lzj+GWPsT/eFAHo8OSpLDbzgZ4qfa24HpXm2h/FI6fex6R4wtB4c1hzthm3f6Je/wDXOQcA+xNekW91tt97gMOxUADnp0/yaBkqKSpBHNcd438aS6P4g0DwxpSRya1rRdw8wDRQQICXkIPUjB/KpPE3xK0fwrJHHdXDTahI6rFp9om+4bJwTgdAPeua+IGn3y+PvCXjWxt5b2DS45rS8t4RmUQTKQHQdypbke1UBpa74r1HwFrGiW2t3ceo6RrFz9iiu4YRFLbTnJVWX+43r9R1BrsH1K0gkkjlvbVJE4dTKoK/UZryzx1u+KF54W0qyhmOn6fq8WqX17LC0cY8vO1VBGS5LHOK6vXvh74c1+/uNQ1DQ7e4u5CGkdywZ88YyDjoBQwJPH3jKLwrZ6YsUAv9R1a5Wz0+1U4EzkBtxbsqjDE+9Rahq/i7R7WwmnttJv1uLqKGZ4FdGt97FS+P4lyxJx61zPxg0W7sbjwP4i061kubXwvqHmzWtt80gt3VY2ZQPvFQo/Imuus/iJo2sTWRsLn+0DM6mSONGXykLZcydgBg/jSQGb8PfGWreNpPEcclpY2raVqEulx+WX/eSxkZY+g+YfSpfhX48n+IOhtqlxa2+nxvNJbRpGxY5jdlZifQ4/WuH+Eek6drV944up9Uv7BF165nItbl4QYSF2uRjnPPX0FQ/AWxttW+GcukXEzsWub0ShHMcyK0zEEEc89qYHuZiaTcUBOecdamW2kCjcrcDJ4ry2L4M6HuPkX+uR4PBXU3z+tbegfDPTtJ1SG8j1jXJZbc7hDcX5kjb2KntQB0/iTxPpvg3RbjVtTm8uztwFKryzMx+VV9yTXN6x4+1PSdFGq3fha5jsN0fKzK0qKx4Z0PTGcn0rkv2irO71DwnY39vE81tpOsWt/exRjJ8hX+Y7R1x/SvSl8VaHdaWt6Lu2u7C4XKrHIshlzyAFB5PtQBz158Qor3Vb3StD06bxBc2J2XUscixxxsRxHubq+Ofb8KseEfFVj4ijuIYfMt7qxl8i6srldssLkcZ9iBnPQ1wnwVt4/D95420PVCYdVXXLi8wxw0sEgUxuM9VHPPTmk8FwjWvjt4+v7OcjS5rK2sRdR8hrhQMuvYkAFaY7nq8jFVYFmIHBpI2GSM8e1cZL8NfEoBC/EXVl7bWgQ4xx1qvbfD7xbFMkh+IN/LGkikxS2yYdQeRQI0fEXxI0fwfr2lWGrGeyXUZfKtr51HkM2ANpbscnoa09a8XW+gatp2nz2129xfTGCF4U3ruUZIJ7YAzz0rA+KXg7TfGOoeGNK1KJns7t72M+WMMhMAKuvowYAj3rz7Q9V1rQ/HvhXwP4kSS4vtPuZpbDUv4b60NvIFbPdgMA+4oQHpVj8QrHWvFWo6DbwXkV9ppAuhLCAiFhlef9ocim+GfHth4uv9UsrBLvzdOlMFytxCU8uQfw/XGDj3rh9OtdZuPjp8Qv7JubOALFp7S/bIi/W3IHSud+Hvw1TxV4w+I02r6jqVreWutPC/9l3LW8bEovJHrnj8KYz3t/MZeEkHH901Vmjnk2ou/OcdDXHP8C9MxkeIvEi44+XUWpjfBHTlliZfEniXdnAb7e3AyBnp9aQzsZN64Aycc1BdSONjbGJ+leQ/DvwHN4lh1xr3xT4hMljq91YR7b0jKRsQuePTFdTJ8GYhkL4v8SKAeD9sBoEd1ErbVyDnrXO+NPG2leC41bU7rypZF/cWsK+ZPM3YKg5/SsaP4OOZVC+NPEuG4/4+gPXr+Qrmvgp4Wsr7S317UGfUtdF7cQNe3jF5AI5HRcZ4XAUD8KBmrompeMPE2rQaldxQ6BoUYbbp5+ee5JUgFz/DyRxUHiTR/Emox+IrP7Ppuq6NqRdYYbuQq0G6MKcjHzAEEjFejyW4dck5J5PGOaqvaZUjJFAHlVh4B8S+DdL03/hF9Y+1zWdrHDPpWocW1ztGPlYcxnA4PT15ro/D/wAQrHXrqTTLiGTRfEER/eaZffK590J/1i+jD1rrvsoQkhjxXNePvB+meK/D14L+03XFtbyS211GxjmhZVLAq45ByOnQ0xnM+IPGN9rXiVfD/h24CGzKyanqBGREoORCvqTnn0rr7gi6UeYqybhyHUMoPqB2rxf4X3mrfD3wnYXuqWH9s+Hr+FLuTVbFC11bs43EzKMlxknmvYtL1HT9csYr7TLyG9s5PuyQkYz6Edj7UDGtDD5YjMMbKpyN0YIB9vSq00CTOzEKrkEBwoDLx1B7VpNasc8Hrj8fSoZLMhsEEMex6/54oGYGl6L/AGXcTTm5lu7m4ZDJPNje20bQDj0Bx9BWoxIjx6DFSyQiPqeR1pjDpTAzw5B4p+4t1FSGECm0wPoiSMbeTVO9ma0triZG2mKF5A2OhVSc/kMVpMqk4NZPiuRbPwvrs/Ty9OuHz9InP9KxIPO/hP4WSX4a6Xr1sY/+Eq1qwF3Lqd8DM4lbJzg8BQMDaPStzw38M9P0m8XVdTnn8Ra+Rk39/h/Lbv5SH5UXsO/FXPhfa/Yvhf4PiH8Gk2/6xg/1rpVoAglQ9Qc1CyuW5GBV3b8vPFRsB60CM3XJNMj00Qav9nezupFt1jukDLJI5wq+uT2IrynwV8P9BuviF4utZ4Zb3TdAuLSPT7G5kaSC3aSEySOqk9c9O3NdT8Xdv/FCwkb/AD/FFmpGccLvbHv0qP4d4uPG3xMux91tZghH0S1Qf+zUCO78ncFC7U9FQYWlSLPBGMVKCKF60gEC7aZKu7mp8DbSNGdp4pAZmrSLb6DqsjHAjs5ZD9Ajc/X/AArnfhHG0fwl8GByWkOlQszMSSSVBJ5+tbviS3nufDesw2yGS4ksbhI1z1YxMAPzP61X8C6VNovgXw3p10hiubTTbeCSNuocRqCPzpAbKq2OtRsNre9W406CmzRqp96AIw3yjPFMk/edDUqhWx6UrbQxAHFPcCrtO7jipo1Cr8wyacAN3SnsoxkUAQMnvikkiyoI5NSFd1CgjigCHYcAbfxFTRQiNT3qRU4FTDaF5o2EU1UtlepFHkkHB9M1ZVRIwChS27A47VxPij4mabo+oaPBDqKZm1NYLlWickRhHLAYHUlRRcZ1vksrcnilMZb6VHpOqWmsWcd1aytJBIDscoVzg46H6VZagRAtud3U0TWokjaNxviYEMrd8jBHFW145oY7qEMw9F8I6N4Yllk0zS7exldNrSQryRnPUn2/WtI24MnB4zxirTR7lHejATtVCKrW5yQDgCo1bb1Herm7dn86z9a1ax0HTLjUdRuUtLG3i8yWZ+MAHOBnqT0FAHIeC41k+JvxNlyP9fpsfX/p0B/ma7kQttB5z1rxvwZ8S/D1n408eXuo339jrqNzYz2sV4rRu0YtlBJU46V3a/F7wU8II8R2Azyu1zj60AdFNG+71zgD8Cc1y3gzw7eaLr3ja6vEVI9U1cXNuwbO6MQIg/DKkfhR8RtY1IeAZ9Z8K36NeqYTaFVDQ3JkmSMK2ecfMefaucX4jTeKvh3NqWn3MuieILC5hs9Qs8DfDMZEicEeh5I+tID0zbtJ4xz0zmlbeVBA+U96w9b8YaD4Vvl07U9bt7W6CggTttZgOA2PfFRr8UPB7KGbxRppBGR++PP6GkBvmPavHNVZJNrEDuKxJPip4M3DPibTgO/74/8AxNZ9x8UPB00ykeJdOSMH+/8A/Y0gKvg6QyfEz4kuMEeZpi5+lqc11yuzKXY4P3QvbHr9a8/+Eur2PiPxv8S7rTbqO7t5LqxEckZ4YC1Ckj23ZFegMsih4wu454wM00B5p4Umm1H9oDxxJfttntdLsotODclLcjMpQHjl8Z71c+O2l2cPwv8AGd2yRpqI0jymbIU+V5oAyBzgN0Pvium1jwHY+JJ7S9uGnstWtQyQ6hZyeXKFPJQnuPr3qLVPhvpGreG7nR7+S7vLa62tdSSXDGa4xjClj0HAOPUUxHm3xem1tfBPh2DUbTT1szq+lxkwSOzr+8GwcjHbH4V6P4k8ZXPhnVrSJtKmu7O7vI7OS6ilVTHJIxVQq/xAHJOOwzVXxB4HsfFen6Vpt5LfT29lLHIhW42lXjYGN2Pcrz+FVfHnhq/8UQQ6cLBsQzW9xb6t9pw8TrIGYlOpOFP/AH1SBHbvcFpiMjDEn0A9qVI+rsTiooYnOTIMsx3HjHJ5qXbIqkHOKQxm1biTqR6A8VHcajZWcnlXN7b28gG7bNMikD1AJzirUKtuwVwB3xWNrnw88P8AiW8e71LSre7uHQIZJFySB0zzTuSyy+rafL01Kzx7Tp/jVL+2YHjd2v7cFThQ0qZH05zWb/wqbwgwc/8ACOWILeit/jVOT4N+EPsrE+Hrctnjlx+maQrM6WLUrebG28tiT1BmTB/WpjcQxyIRd27g+kq5H5GuSj+DPg4QMz+H4MhcjbI+f51Uk+Cng26KbND2HIJ2yv8A400Uj0Ga8iUqPtETbewlWnecg+dJIyW7q4/rXAN8C/Bqv/yCpB/28yD+tSN8F/CEKoE025BJ6LeSgVQHXyTJHvMbxhmGDtAB/wDHaiXczAbVwR0J4I/AVwl78E/C7K5jtbqOTttvZKVvgf4aFvHIF1NGA5K6jIDQCOt8ReGf+Eo0drOW7urSJnVmNm3lu20/Kp46A8/pVrQNDbSbGS0knn1TdK0kkt0oYscDAI9Ow9gK5SP4I6A6hkudaQH/AKiMhqVfgjpC5Eeqa6m7+7qD0DO2m05VjZI7VI4pDuZI4gFP146e1U5tLhaIxNaQmJuqtCpQ/wDAa5f/AIUzYRjcniDxFG3+zft/hTR8HYtx/wCKs8SqO3+mA0hGn4h8KWurabFb+WLKW3mW6tJo0x5MyDhgB2wSMd9x9Kt6loNnq9mINSsre9x/z2j3BT3Cn65rnv8AhUMi/c8aeJB6ZuAcU5PhPqA5Xx3rwb/adTTEdB/wj9j9jWzFlCLXH+o8pQh9jg9MVj+I9P0HQfCN9LfabHJoNnGZ5rVIN4VOhwg64/pUUnwz13OY/HusqR3KRmsjxN4P13w/4b1XUbrx/qctnb28jvbtaJJ5ny/dwOu4fLj8aBWM+21rw18SLWDR9G13SxosLwyrbRoFu0aNw5CFj8uSo6eprq08F332vVtYjuIYfEmoIsMM5QvHawLnaoHVsb3Y46kj0r4n8O/Bzxt4ukjfS/D14pZgRcz4gTnnIY46e3pX1V8F/hf8RvCNzay674vWbTUJ36WR524em9un4UhpWPQvA3hnVfDukyW2ozWb7cNEthGVG7nezE/eJLA/hW7JYxXC7SCoU5G01omTAJHzA/U49qbHHnJAxmmUeW+I9Ag8YfFKPQdTed9GstGj1H7HHIUSaVp3jIfHOAAK0b74d3uuXcumvqCaT4RjwsdjpYMcs4wCfMfqBnPA61NDGv8Awv8AvkJPPhiE4/7e2r0BbfOccUwMPRPCOleG9NS00qyjs4FzgIg9uc9eTk81swWaTMxHqelSx2rf3qtQwiDoaQzO1Tw3p+vabJp+p2UV9aS/ehmTcrY/qPXjFeRap4f13wh4y8P+FdC8U3ltoGuR3E485RNPZrCoZlhf+6wfHPSvZNUZRp9+embSUZGc/cbke/T8q8T8EyyXF18DZZizyvot8HYtuJPkR5OffrT2A9P8LfDbQfCMbNZWm+5k/wBbeXDebPJ/wM/0roFs5JHJRzHxjjJyPxq2qfw+lPVGVuKNwKn9ltHAEySM7m4Az+VMmsfMBAJUVo+Y3Qg0xlb+6fyosBnm0Mixopwd3ORnPTj361xnw11S58TaRqF/dxQJc2+q3tkGgiCkpHKyLnHtivQreMvcRjody4/OvNfgjlfCuujqf+Eh1If+TBpgd7Y2MMKuRBDiQ/PlAM/lVa4sIlumeKCONun7tAueO+K1Y4yFAIwe9K0Sq24jJNAGRBHJbxknnOeaks1Me+U/MW6VdMBOQRxTBAAu3nFAislqs6SK43BgRt4IP1z29qwrPwPpGnXxurfSrS2uc53onBP94c8GumVfLkGOlK0eZgf4aBnM6t4TsNfZJ9SsYbyaMbRIy4crnIGRyeasaBotrpM7/ZrSOyhx/q4lwDnqfrmt2ZQv3agkjK7SvTvTAfMzLjbyKQuG9PpU6bXXpVWdfLfgUDsZup+HdO1a+s766iJurQ5hmRiCn4d8/wAqlv8ARbDVruxu7q1SW5spGeCb+JCylTg+nJ4qxMSBRExZaAsc7Y+BdF0TxBea3aRSxajdDbcSmYkSjBHI9hnH1qnoPgnS/CepX99pcU0VxqEhlumkl3iRv73Pc10833j6GoJFLRkjii4bE4uFI5P5mo96eYuT3FVZFKqMc49KhabbMrEjaMEn0GTTDc4L4QyJGfGUeclfEt5j8ZM13nnLgA9a82+FbFLrxvgHC+JLo9PdSf0r0EhWVSTg4oGW42/0iIDuwH4V5Z8E5Avh3VIyOE1W+/8ASiStzxt43tvAenpqWo21w+mGaOKS8twCsJZsKXHXGabq3iPT/DtrZ3VpZG8tNSmVEksAoVnlJ2ufZuvvQB1kkyqSDwc1BIytk5qsjedGrgctyfYnqKZIDk9aQEkjbYyV5qhfyedp16n9+3cf+OtTvuqx3E1Xhk3LIrDllYAfgaYjlfg+yn4Y+G8Y3i0jxwDnC45zxj2pnja4svht4H8S63pVjFaTxwtcbbc7R5pwu/B4/iHAqr8IWMvwt8Nc7f8ARV/IEjNbniHQbTxNoGqaPe7jZ6hbtBKy9Qp5BHqc46UFHJ2HgWO98OWEj3l4urskUs94LhhvOQzqw6bTyOPWuEt9UstM8K/EHTL26vDdwXt5FA0fmsF2qdmGxwB/UV6Boln4s0vSrbR7pLKQWiqi6pFKQZEXao+T+/gdfbNZuh+E9bsYfGNvOLZhrM09xDL5uQrTLsO8dzgZ47mmO5p+GNesNN8J+HjcXkcU15axeX5jZLMwHBzzkscV0ayZWvONWsJtD8A6PpNxLaf2tZrBsgZS5uVjZeFPUEgZrvreQtEpxt4+76e34dKAJzIBnJAqLcG6HNRSAMxzmiMBWx2poZ9JCQdK5j4oXYtfht4tuBxs0q5HPT/VsP610P8AFWd4m0OPxR4b1XRppWhh1C2ktnkQfMoZcZFYmZD4VhNv4T8PQhcBNNtl2/SFM1pBsY7A8j8a8k1qbV9I8PHRPGtpPLoMYQR69oZYPGqbQnmIPmUgAcjg4qzofirxB4b0pLt5U8c+FGXKaxpy/wClxJ6PGM7sHIIHPFAz1NjnIqtMTEoJGB61R0DxHp3irTVv9Iulu7UnYSo2lGHVGXqrD0PPSp7y4js4Zbm6lS1toV3yTyMEVB/tE0CZy/jzR73XtT8EPbRebBp+tC9uizYCR+TIgb/vphWd8MctqXxBk67vEkyj6LFCv8gKW4+IF54kbyvBWmNqnODq11+6s4SSBuG7DS49EyK3vA3hE+EdHuIJ7v7ff3l5JqN5cbNgeaRhkAegCigR0KNuUYpRnmmx5U/4VIeKQDXfbSeeGGCaCu6o3jK8AZzSA4zxV4w1nRfG3hjQtNgsp11t5gHud2YvKQMWOPXOPwqz4D8dzeKNW8SaPfWkVrqmh3AgnNqxMM29dykE9CMcj1NcX8SLZNS+MHgW0kubu2itoL4y3VmGBt5ZI1ERLYwCeevqKv8AwfZvCkd74R1S0kt9et7hpWvvLZ11RG+ZJWkIxuA4I9TSA9XWbcucEZ9aglclxmmoxboQR7U9ozxQAsK1Jt5pFGKeFPJzigCNuG4pzDGKjjZmcjGanPvTAhWnGla3P3hSfdB7mkA3zNvFI0vy0zaZDnvSSRNtApgOSTd93O719D61malpEWoXmlTl1hFhd/acKn+sPlyJg8erk/gK0VUx0MtIBySL2Tb9Ome9Oduagw3GOlS7X4NAEi5apPu8bqbHkdetEjDeaAHLIQeuRTZGPJxxSbSy5WuS8XeMZ9D1jRtA02CO78QawXa3jkOEiiQfvJHP90Dt61QjqPO2kgBtwzjZ94HHP1OAcCvHPEOqDWmj8SeKLWVNFiuPL8P+GEyZtQnB+SWUdSf7o/h6ngiuq1Lxbf8AhHXtCs9de1utN1qc2EF7BEUaK5IyiOvUq2OD2I5rpZPC9hdeJodeuYPN1OGBreKWQ7vJBJJZV6biSRmmBy3hHwXcm6vPEPiaG3u9f1JIw1t5YaGyhViY4EA6kZyzetdYvh3SWPOmWbcnG63XJB4/yO1aMcPlqeMHqe9Eec4wKAOZ8fWk/wDwif2HTbCS4b7TaskVvGAFWOeN2P8A3yhrlPif8MLjVdctPEnhvfbXNxcWkWr2Qwn2u2WZXDkdN6d/YV6yq8gk1E8bdjSGVtQ0awv7hp7m0t7yQfdklhVm4Ynqexzmq39gaSq7f7Ksfl4/490rQ3HpTWXOaLAZTaHpDddJsT/27JSr4b0peRpVl/4DpWlEpVuVyKlZN/tSB2OA8VeBZ49Qh8QeElh07xLZqEESqEgvouSYZQOB32nsTXQeE/EkHi7Q4tSjtp7NwTHPaXKlXgkU4ZTnrgjr+NbfkmNiwOWxgFeCMHOawfGHiqy8D+G7/Xb5XFtajzPLjA3SSMQAox/ExIFCEbrOu7Z/H0x3NV5sbA2f/r1wl5qXjqHSZb+KHTGvfKaYaNsPyEDIG/u4HGemQabYePtT8Zatq9r4eFrZWekzC0nvrtC4kuQoZ41X0QYyfWmB3tvHGo+VR/8Arp2BJg4+mK89034oQWTeKLbX447O98MIst75YOyWFxvjmjHqwA49WxTrbxR4q1LwvFrtrZ2KJcW/2yDSXUmV4CN6gt2kKkH2zjtRYR6CMdhzTHbcMjoOa8v1b4sXN3o3gjVNAitbiz8SahHYBbkEtC7A5Ix12lWHvjNaPibxprGj/ELwz4dit7RrbWEnd5pkO9PJUM+B75pDO9WXd3571Mh3N17VjxyFZJCVw3fmnteOGTkKOnWkBpxlNx46dqgWbzJG52r2GKzJLqSGaRlJ7cH6VDLqLQw7iPmJoC5s+YGyBg1FHIq5I4IOPrWOt4GLHJBA3UJdbAjqC25s0BcvatrFno9q1ze3CWcG7b5knC5xnBJ4FE+q2dtp63stxCloyB1nZx5ZVhkEH0Nc58QrpZfAviaOaNX36XdYVh93ETHI9DznNeV3d9c/CPwvrPhXWpWm8M6hp9x/YmoS5cxS+SxNrJ75I296aEe6x6hZfYDfm5iNoSAJcgISemD9amvNc07SdiXl9b2rSLvVJZFVmX1wT04PPtXm8d2+pfE/wt4ewsenafoY1VoV+60xZYkyO6qpdvctVf4HyQ+KE8TeJ9YgWbVLjWrq2ZZU3fZ4YjsSJc8D3/OmxHrdrdQXMJkgmimiH8UThlHAPUexH51Bc6lawSGFruGO4GP3LSAPz04znmsBf7K+HNpdNBZ3RS9uJLsWtrE0nkt5Y8xlAzhflz9TXAeJ9W0/VvjJ4D1fSrVtTgu9Au508hQHb512OQxxkbj1pDPV21K3aQR/aITL/wA8/MG7jrxmrS3CR+WHdUMhCorHliegHqa8g8OrDffHzXp20ySycaFZHypQud7StlxtOASAB+FdTNrGm+P9L1exspLhnhiZku2t3jQS4YLJE5GHAZe3UZpjOzknKt8vNSxTe2a8y8H/ABa07UvBfhnVdZma0vNQt1EreS7RrIGMZ3EDC5dTjNejQv1zj8DTEXTMNrDFQyTDbg/NkcgnIx6Ed6rvJ8xHNN34br+dIEXBhYyEBQYyAMYqSNSqjP14qssm5TzViGbcvSgZNuG3INNjkOD6YqHf87DtSYO09RTGcWpC/HrUZDxjwtCfwF22TXoMMynAJ5rzzxh4d1q28TReKfDv2e8vFsxYXWm3R2i4gDlwY36I4Ynr6Vy8PiK/vPFVzdeHNSmsfEL4kvPCHiDKxzMAAWhc45wMhlyvNAj3RiFXI9M01JdzGuD8LfEqx1rVF0jUIptD1/qdK1BQju396KT7rjHpn867OFD5mc5zyOOtAD9T/wCQXerjLNbS4Hr8jV4p4Lt5rG6+BsVzG8E0Gk36yRyqVYHyI8gg9xXq/inxhpPg+yFxq9/HYq+BEh+aWRs4wka/M5xx0rkLH+1vHPxA0HX5NJl0TQ9Fgult/thAnummRV3bB9wbVHBoGepLMqsc8c1YRhzWWMMoySAP8/nVlZsYA6U0BbYjOO9IW2jk1XEpNK7HKntTAz/E3ivTPB2ktqmrXH2WwjcCSYoWVTkAE+gyf1rN8M674YvLqfTdHmt4bsl7qS0VDE7M/wB59p5IyCSa5r9oaYr8E/FhUEnyI8AHH/LVOc1zuhveeKPjtpUmuQRaRqeh6Wx0+zjYsNTilUhn39wndeuaQHt69+nXsMfWnbQarfa+RgBhjhunHb9KY14vXv7GmBc46VGwUduKgjvAevH1pzSbl9qAHNtPQc03b0pnmBe2aQzbugoGSOo44zTWA9Kh87EgBJpwkX1oEKSBnAxULKWOWp7yA9Khmm2qeaBhIoY9KTaE6cVCu5wWziljYydTmgY9o021FsU8AZp8jhMA1jeIPFWl+GbWCbUbnyzNL5UFuql5JpOuEUcmgDSNusmCApOcAnt7149428SS+NtSutB0S9OnaDaZ/tnXlYKFUD5ooj0zg8n8OtegWvjTR9bvm0iXz7W8niYi1vYWieWPBDlCcbsdCByOtcVqnwxOpXmnaPEY7LwTZoJXsYJCHu5s8LIeu0dc96YHE/DzwHfa3qWtX+g67rHhvwzdXAls1UoxuGxh5Pm5CnFdt/wrHxGPl/4WNrGehZ4IyACDnH416Jbxw20KRRBI44xtVVGAAPSnP3wc0XA4Px1pK2/gfTrPUJf7Qj+32VvcSXCj96C4DE445H5da8t1XS774V6xpvhJ0kuvDOo6rbSaPdOSzWTiQmS2Y+g5257V7vrmj6br0ccGpW6XcUbBlRiRtYHIYY7g0upWNnqFtHBd26XEcbpKu4ZKsv3WU+uTQByniLwbqutXbTWHi3UNGgcD/Q4IkKK2BnBPvmspvhx4mZst8RNSPGObSP6V6H5q7RuK7gMGo5ZBt4NCA85f4beJPuj4haphvS0ixVWb4a+JFVyPiHq33Cpxbxg9D0/OvRpJlVgC2PxqrJP1FMDy7wPLP8Ob+38Ea0yPAzu2j6mg2pcpksY27LIMkY9AD3r0YqGViRz1+mfWqHiTw/p3i3RZtN1OIvCxEiMpw8cinKuhHKsD+Yo1HVrLwvpNvNqd78oKwJJIu+SaTHRVHJY4JxQBamiHQjtmqxjXoBnvWUvjzR3muYpZpLGS3tjdut5BJF+6GMuCRg9R+YqjZ+PNKvLy2t2kuLaS8OLZ7yFkWdsZ2oxAAJAJx1oA3JLeGVgWjVmX7rFQSv0qORF5OOnWsnVPFdlp99LZFLi8uoI/Nmhs4jKYYzk5b34J2jk4zVG68f6UtvpFxC8l1a6nKILaW3TeC/PDdx0PB6YPpTGjfKqzdOTUbIOo6VlWfiq0vtcv9KSOX7XZRpJKGXAw/KlT3BFabSh2IBzzxTRR9HrjHSmP7U9OnpTJFOMg1iQR7dxIIVh3DKDkenPGK4LU/he2n6lNq/g/UW8P6nJ8z2+Waynb/ppH29Ny813ZYgc0gyRnPFAHmtr468QadGdMHgKYeIpJMA2hVLCZiMmVpey8Dg85qe3+HN14hnW/8bX661Ip8yPR4CY7CE/3QvVyPVuM5r0Bm/2h9ccioZO+KAJbdUhhWOKNY4VXCxxgBR6DHt0/CjaqrjFVd+3vUqyKOCSaBDuAc0NIMDio5JFY4XpTS3QDn6UCJ/4c4phbdx0IpgkPHpUu5eoFJgMO7qdv/Ahn+lRn535+Zs+2SPTPUVK0w6U18hcqOakBfLG7KjIqXHr1qKGZyuCBQ8mMYOaBEjMOBTv4ap+YWznijzHbOM4FAydflb61I44OOaqhzmpvNwpOaAJ2Y7cUzblTUYn3nileQotMBqj5qkYZAFQ+dx70eYadgJtq7aaUH0FQtcc7elI0x2gZzSAmEe0+1P4wBmo45gw5FEkhVuMYpASnA5zSblb3qs0xbrSxknOOaYFncApArzvx9otxZ/ETwn4xjtJNRsrGC406+hgXfJFFJyJFXvhuoXmu/GcDPFO52HnbnjPejYDzTxhph+I3iPwjaafHO2k6TqSaze308TRITGpEUSBgCWLE59BivTV+bk/qcmo/PCthiNvfAHNRfaDuOBxRcC2yimCP5qjWZQN2Mt9aRbv5wSMUXAsgZODSSAKpwc1A85PzA4FQtcmQgDgUwJM+9KHC9aiduaTvnrTETlg3IpVqJjtUkUK+VBBzSAsrjBzXB/Gbwfd+PPhzqmk6cFbUA8V5axy42SyQuHEZJ4Abmu0WTJOTimNIVzgcdcjk0thnCaf41XVbSN4tK1G31pgA2n3Fm0WyYDq0uNgXOec5wRXLeCLOf4Ya/wCKtO1aGZdO1LU31iwvooJJkfzMb4XKAsGBUYz1zXskjPtP3T3OAKpSEEbccZ6Fcii4jx+b4a3vj2b4malOsmkJ4ns003To5k2SiKJMLK4/hLuBweQDk1r6P4slt/BFtYz6TeDxJbWK2TaTFayMDMiBV2vjYYzwdxPSvS2diMjr2zThMdv909yAKLjPnTxB4Cfwl4T+FPhi+t5r9bDV4rjU2ggd440IlaUbkHQM4Ax1xW9q+gWOgfGbwRPp9jPHaJb3i3c0UEskcYkjwgZiMAnjjsOK9p+0buOh6Hpz+dSRXBPyYIHb/OKCblL+zZcsSyg5ycdPw9qbPpsk0kTcbFOTz1rTbPJ/+vTVmC5BGaQGc1k25hjIb9Kr3Oku1qOQZFbitJpfnNOWQNwaBnPxafdec7Ptyw2/LUn2G4Volyu1DW4qoBjoarXOFYYOKBGJrHhuTW9IvdOe4ktY7xWilnhx5nltwwUlTjIpdf8AAeneLPCFx4f1gSX9ncQ+S0jkeYCMESAgcOOOe/IrcWYcc8GrUYwuQc0xnG694eax8aaH4oto2mNvZvpN7HGuXMDsrrKoHVkkXOB2Y+lC/D3+z9c1DVtA1ifQH1BlkurWOJJoHkXpIFYZDnoSPQV1U0q7qbuB5H6UbiOV8Qf2j4X0SO10u31LWL2+mYT3sO1pIsqN0p3EDdjCgYx0/umsjRPASjXPDfiG1efR4NL086db6LNCp8u2LAbWIJxJ8oOfevRoZPlPNRSruww4p2DY4yHwRNpvj7U/FsupG5S5sks3sVtVLCGLcyBT/ez19c+9YXh+zXwumuXWg6ZqMekXVpGLHSblSh/tAlw4QHlEIKbieOGx1r1KOQM45IA9KdLMNyn7u3joPz+tBR49rXg6Twr8MdK8GafPdS6zYwwTJ5FqXhvJlm3FXbG0Lv3HBOcEGvX/AC/mfOM56L0+g9qZ9oXbwSG/vYBNRO7K3yg4/OmIsNCOKRoRuxjIpilupbNOa4CnBoESrGqt04qZSueBxVI3HQjpU6TKvGQaBkrKG9jT1j6AmofNDNwRUqsG70DElh+Xg1geJfAekeNLFYNVg3tG26G6hYx3EDdmjkHIPt0rodwbjNOTCjpQI8m1Sx1jwO1k3iKx/wCE60C0l8631OKANf2DDozr/GOfvLk8Vtf8Jl4g8as0PguxbTrEsVfXtXiKqeMFoYD1PUbj6V6Gsm3OCcEYK5JBHoRQrDaVVQuPQYoA5bw78LdN0W4OpXTTa5rrgb9T1KTzJQcdFHRR9BXXx24X72fy/wAKTzdqqBUysMD5gKBjPJywUHipWg+UYPNHvmkWTLYqgHbcKKNrMtNNwu7b1xUn2iP7pH40AYPi/wAF2XjjRpdI1TznsJWVnihlZN+OoJz7Cq2pfDvS9WsdGjumuxdaQQbO+iuCtxHxjG/r/MV1KsG5ByKVnVVOePelsBQbKnZlnYAKWbknA6k9z701bM7t2Mn61OfLZtwP1qVZEzgc0AMaH5Acc+gpWyBjFPMgz6UM1MCttZs8GiONlzU/SlNAXKkind6mkUHYcgirTrxmoic8UCIOW46VG9q7bvmyDVoEdOtJu60FIpBiqFTwRTrUHa3FSsA3YZo3YJA4oGRXUZkXA4PY+leN+NIbmP8AaA8DPc/Lp82mXUMDNyhuAxOMf3sfjivZSeoNZHiDw1pviiwW01G289I5BNG6na8bjoyt1VvccYpgeV/GpZhqnw6+xBhrP9vIYvLOG8nafOz3K4xXp8MJU7d2RgYJPJ4qnp/gXTtN1Q6kHubvUgnlpc3sxmeND1VWPQdvXHtWpHDsx7enQew9qAKsgaNiMGpVkG0EjtVlsN6E1FtA7DOaQGRcNvlYA4NRNvAG48VeSzIneR8Hcegp0kIbsMUwMx+gI5FNYnyzWhJCoUcYqFlTHHNMDJuIy7ZzTNuck1ouo9BUe0c8CgDLf5a8w+IzSf8AC1PASSHbZypdLGXPyG52gqMdztBwPU165LGMcgVi+JvDOl+K9LNhqlus0G4OrIdrxsOQ6t1B7cdqBHnnx6sx/wAK9v7mNVN1D5W3HyyCBZo/M46njqPaofjVEG+Hcb2u3zzqFm1g0YwWbzFwVP8Auk5x2ruNO8H2Gned5jXGpmdPLc6hIbg+X/zzJbHynP3fYVRtPh/ounXEDJHPNHbn/R4Z7h5IovdUPT6dulMZyvw789PiB49hujt1A38c4U8/uniUIR/sghh6VwFxa3P9nqLOX7PG3jh/sMm3eiRsHAIHTG4NxXt2t+E9N1u8F1cwPHe+X5IuIJmikZMk7GK9UyScHjJqteeCtEvNNsrKWyV7ezkWSBeV2MPutx3HP50DRx3h2G7t/iT4ljvriO7mNnZyeZHGIxj5uMDp2rt4cmQE855zUa+G9Nt9YbVI7UC9KLGbhiSxRfugjvjNXRGFUDuBigo+jVcAdKikYtyKf0UVCxNZEEbfd96Zk9M09qbt70AR+W27OeKGTg44qSkagCsIGzzUixY61NtprUAV3UKRzT1Tb1qRY16sMH3pcq1AiHbu6fnQyGNRg59qnVfbAoaIUmIqqM9ady3enSLtzQrBAMjNSAeWUGcE/hUfarKNnJPSmvGGJIoEQKm7r0p23bkDkNTtu3ipFwy+9AEOw4JANM8syKB0zVjdt4zS8L34oGRQx+X1PNWPL35Jpq4bv0qTdgUAQtbqq81BwvGasyP6VC23r3p3AgkXc1SLCxUYqWNVKg4qZdvYUbgQwwlW5pZk9BVjjbmmMMjNAFV4D5ZPf0otwyhgQasq47ikCjNCAFYNwRyKQr1pzbVppct06UwK0keGNMWM56Vd+UjmmblBzjNFgITCdvpUTRHsauE5HtTdo7daLAQLGeRTRH3B4qzt2rzTNgwaBERU9xTkqY7NoHBNIqhlyDjFMZG4ytMjXaCKczhsU+NOtAiEqcnnFPSM49adgbulLu2YxSGQOrLxUbWpbmrkyjANR7sUWAgWArnNMaHcrDpVlnpuM80WAotbFe+afHGdynOPWrJ2g8kU3hvmH3TRYmw7d8uKhaM7vQVYjUFuTxTWXr3osGxVaEYJHNL5fy8Dmp+FXGKaNnJJxUlFZlLYGcU6aASDGacijzPUdqsrCO/NAjP+zFVyASParqEKo+XtU20DpwKRlpoDNmVtxwOKiVX3ZwQDWkyqRjHNM8sADnmqArrEQ3WmyxMy4Bq1gbhgjFDKM0CKMKyR8EggfnSyHcMAVaVV3EHrQ21V6AGgZQVSpwak+9x1qxn6U3IXr1oAgdSvtUPLMc1bbEi46VCsfcmgREoZgakRTuxmpUjHNPWMD6+tAyLcY2qbzNrYHOafgNzgD60xl+bINACM7K/FS7jzyfwqFFIkwxzVraOAKAIFkI7mnCb5sbjmp/soHXrSCBVbpQMEk5G4nigXR85B+VS+WpXpTPs6+YrcgrTQFvcWXOSDTVyqM2elP7YHNMX7xB6NTAYrMAGHOal3FmpFt9rZB/Cn+U3mA+tAE9v91qdMpZMYqFY3TdhuO1KWc0mAxQFjIPWjhmAXg0/yTSGErz3oQxJyVC4696lX5kzUTq0igd+9WNu1enUUxFPzdzEH+Gpo5hxk1E0LIzkc7qcLcKvJ5oAfOcqMMPzqKPuM5NIwJcccVHtZZOAcUARbz5jAH8KlRiqktUca/wCkElT9alm+6FAOD1pj2IVcsxH609lKjPeoZI2j2kc+wqZW3DnigLlSaY7sUi3AxzRcR7ZMgZzUCo3904+lACzXQX8aryXYXAHenXUR+UgE1TZGyhwetAyx54D7jmoxeR4JwaY33iegqBkLKMDFAErXSNwM0KwZc5qttO4/KcfSpY/u4IxQgI5rgrgEGmGRdmabdIVYE9KiIPXHFMCOaXceOKYJg/ANJNGWyRxUMP7tsEfpQAXUm0etVxIGBzVi8UbPl5+lUVYhTkYoARpuGxxVTzCOan2llPFVpEIzwfypgMkmzTC24E5pr5oVfloGiFrgdD1qPzgWIxxSyQ/vM4qPaVbpxTKPo1pOOOai3nnNO8kqeTxTvLHJPOaxIK7PUZkPY8VK0XJFMaPaMYoAb5hxjv61H5rL16UpBzQfcc/SgCRZg3tSsxVsjBFQBCxyBipGUrjv70ATGQMuSOarySBTxTmb5ahIyeetAmWreTzFYd6f/CPWobbKk0rA7uOlJiCTjOagXlsE9Kl3PjGM0xoznOOakB42txmiRSuMGiPjnBpxbLAYoArSTEZ9aWObPWnyW+/JHFMW1Kjrk0DsLvy2abI7YAB4p/2dvpSNC/FADUkKUjTM30qTyT1NIYs9KBEYkY8Zpd3vUiQ0xoTmmA5ZDjFP80xr6VF5ZXvSmNnAo2ABcsTin/aCvB70i2pzU0cChjuGfSgCNg2Ac0gkK9etTtDkDmonhO71pAQyyMxOKjTcO5qdYT0IpWgxyDTuAyNj0NS7eM01U+b1qXaVpgQSSFfpSLNnmlkwTjFJ5IPK9aAHSSZWoVlI4PSpVibPzUkkQ3cdKAGlssMdKPNEa/NnmpFgPbpTJIcnnoKYESt82R09KsxyHb6UxYvlDYpNpz7UAE5Vcc81X808g1LNGzYwf0pr25YAk0AO84soqu1xtkYdRUyx4IHUetRPb/MTQAnncDmlab61G1rubvUy2p2cGgRWeXO76UkMrNgZ4pZrM9cnmkhsihyG/OgZc3bc46UzzuCc0MpVcHrUHlsV9KQhxuh070xT5kh54pi25bNSW9uc9cipAsRY256Cl84gGo5In7dKWONtuCKAIpLw/MO9ILtttJNalpDimtbkU0Mb9sNH2ks3NNa2cc4pjWrHknFUA/zeDyevapvtI2gY5qEQmNDnrTT96gNBzTESA1J5gdM55qB8emTRtZozgEGkBLu2sOwqCaTLccj2p3lvkDmoJlkVhxSuSTLL1pglOfalVfl5plMCdJPepPtAjFV4wc5xRIy8A9aYxzXO4cNSRzn1qsOOfWnhdrUAXPM3YqczbIj61nHcrKR0NWHY7cdaBlq3ud3Vhn61N5gz1rLV9vA61NGzNkk0AaSyD1FK0gOMVQjkp6sWxg0AXw/QZANP3fN6VnS54OTmkWZ2YndimBqq3OKcZAMZIH41nQysshyeNtEm6RVOSBmmI1PM+XrSbwBnNUEkbpmh5Nr/ADOI0HVncKP1oGaKy1IPm61l+eZI2KurhTzsYHH5VcglJ+XnPTB60AWhGF5pW+7VaWQhcg1Es0rZK/Mo44oAsGmNJnIBqJ5HbqpGfaolLNIyAfMDgigROD1Pan889MVWaYoi4xgjI96I5jIpzQUPPytk01mDdDmq8sx83HpQsxWMYBJPpTQifANMbg1C91tHTkDJ+nrUU14V/hPHX2pgWmYcDjNRSMOegqv5yyMecHFQtOY42LdAe9SBYYErio/JxyQKg/tDLHjGBk05rwY/SmhiyKOegH0qJlHoDUU1xujz61Et4GUY+bIzxTGSNgHoKZIo6im/aAwJxUTXCsuO9IBs+HGCag2jbSSyYkGOlMaTaNx6UXAcVHpmoWRc5xT1m8zkcCkbvTAgkK9MVWkRcnAqebNQ+tMZX2jcaikHGMZqdutRSUDsUJo/m4qNhVib71Qt3oAhZeBUTqKlbvULNhqBn0S3zUjYXjNP49M1FJ97pWRAjUyQAqKkPSmMvGaAIXj70oxt5FAY0HPU9KAG0e1IzenSjdupAHlg45p3l/7OaYFy2c1LnAx1pXExCu3kD8qVV3UKadH1oEMZCGIApu2rBPWq7dTSAFxmlMffFMUd6lDHb0oAYvXFSBRmoQCTmpVzjmgdyVtv1qGQj0o/GmMRkc0CAsDxmhVGTUDN8xxyaas23PrQBbVtnYGms2eStVbed5JCMZAqx5y87qAG4+bB4p+0ADHNRiTjoaej96YEmfU4pNxz6015Bn1pPNHXIpALJkk8mlhOe/FNZsMG7VVW+zM6qmAPWgC9tFMeQKdpqn9sO70NSO2WJoAsKRj0oZT1zmq6TbuDxinrMWbHagBdpJyaVspjAzTZpAoA6ULJwBnmq3AlbG0HuetIq8VH5xycYIoWY854o2Am3BeM1G4O3NRNICWPeoVmZ+poAm8wjr0prSAn0FRNJ1GelQtM6yxBBuVupoEW+O5NG7t2qLzAMj8qbCzK7b+UHSmBYpknrQsgYfKajaQDqaAJFG7mn/dJFRLMuAuRupxbZyTQAMM9RRt2r7UpmHl5NMmkJjZk9KQBgOtIpG3BqrbzOygyELk1PJIsOASN1IYMuPu0dPu0eamz7wH40xZFWgRLu3dqN1CsrLlSCfao2mCnmmA7zNrdKXcsnaqc91tkAAyKkSQMuQcDvTAkeTc2B0pdu6qzT/MduCadHM3JfigB7c59Kh2+1O88YpnmbmoEG2nL8h9c0wyqvHU0sbb+cUDJWIXtmo2+bqtO3fNgnFK2OgoERtGDx0pnk/N6inFsd805XxntQMRhjGKryR5OamZqaZM8Yz70AEca7eRmlkjC9s0bh2psh9SfpQCG/e+gqUMOjCqr3KQqXOcdMU6Odd2Cc5oHoWFVfSnfd6Uzdj6UeYG6HP0oAmVKfEu2oY5CGNTKx60CJB81J9nXdmnqwxnGaaJQe+PagCSOMU4qMAZNRq27pzUvWmMb5fTBrM8XWcN/4U1uK4RZY/sE/wAjdM+WxVs9iCK1l61S1+zu9S0LULOxmit7m5gkt1lmUsqB02k4B9D+dMD5t8CTJqenfDTT/C6XFj4vhigv9UuWUxRyWeCJC3P73d049K+lLTULseI7myOnPHYJbpLFerICsjbiDHt7Y/pXmln8H9Rs/B/hq0g1G1tPEnhoKmnapDGxWSIcNHIp/gYduTnJr0LSG17+0pW1FbD+z/syGKO33F0uNxDDJ/h24/OgDZnvIFYLNLEgK5K7wp298A+mD+VeSeCblvi5r3inUtTnuf7N0vU5NOs9OhkaNNsQBd2KnJJLV3PiX4f6B4svLe81XT47i7gULHcEkOoBOPunnr37Vzek+EdZ+HPiTXbjQ7KDWvD2uXH26eyecRT21yR820ldrKdo6nvigQ/VPC+o6D4a8Xf8Tq+uLEWslzZH7U/nWzRwHKhj2yinn1rg28fxw/s9vff8JTIviaPS1uxJ9pPnG64yuP4hXqur2/iDUvCGuRXFnFLe3trJbW9nFLgQ7o2QkuQMn5s1w83gnW5v2fpvCzaCsniA6aNOxvj+98q79/pgEn60AegeEZJR4Z0X7ZfmW6mtoyGuJQXlkKBmAz15J/Ct6NWGcivH/Hmh+d8MrK+utHjGr6Xb2vnRzTYuYo4nXIgIOMkrxnk5Ir2K3m86GOQsWZ1DEsACSRntTGRzKRkgcmvOvjF4g1fwb4f0zUtLvxYtNqlvZT7okdTHISC2WGBj616Yy/LXl/x+tJ9U8H6XYWunXWpt/bFrdTRWsRkAijYli3HOc9PagDRtb/UrbUppZvE1nq+jWtuRc+ZFGjW8mA6MHQYxtyD9RU03xE8LLHczPrdvbG2KmSO4DRSR7/usVYA4PrjGc1i+Nfh9DcfD3xFF4Usha31+kdwLWMNCJzGwYpy3ysQGH5V5h4w03S/EngjXrnTPCOuW2tf2YLR3vYn83eXQiNBj5h8p+bt+NAz23S/G2ha9eXUGn6tb3kttH50wSXG1MZ3Z7j3qtffETw7badqV4NWgkXT4DcTRJu8wKBwQvUgnv0ryT4gabc614kePw/ZzJcXfhFrYeTbyQBpxIH8pm2gBigI5PU0lhY6P4u0PVJdO0PW21+LQri3nXUFkTyCYyBCMj58tjB5wAKBHpTeM7bWvD+k6xpGrWVmLqWFka7IbzQeTEo/vncPzxWlJr+m/2ktlJqFqb/eF+z7xuz95h15NeXeJr62vfgl4RAguFuLfUtM8xWtXWQGIqJWxjI53Zz6Cqv2g6f8AEK1uNMdda0u91lmudKvIiLixmO4/aIJP+eRznnjmmUdb468aax4f8J+JNZ0260m+js7mMKkYLmOMsqssmG4YFs49AK3LfXjBq9+9zqOnDS0hhkEfmqksDFiDvJPAOQB9AK8d8ZXlnDofxgtoTn7VqVu1uixt8/EW8qO/IJOKg8eXOk32rfEMARSx3nhq18gJHkSTDcTtOOWHy8DmgD3ux1qx1Gea3tL+1vJoceYltMshXPTIB4zU7g/w/jXj/h5dL0/4meC3sRDCLjw7JBK0QKoZAyFQ3Ytw3517Rt5P5dKQipJltvyn8qgZSM5yeavFPmz2qORRuPFAyDzNvGKPMyKc2AvSoGb2xTASQ1A1OkLfWo25zTGiKRjuNQOfWp3qtNQUQytxxVd2NTt92oGWgCJutV5m+arLVXlHzE0AfRbNg0n3sVHI1IswXtWRBO+FHBqFm3LTXk754pjyenegABBzigNtHPNQhyvFK0m7jNAA7rjpimK3p0pJ6jVvl4NJgSq2O/FP3iqjPt+tCSHipEy7nj0NOTGTzzVVptwAFPXIGc0CLLHC4FQnPXFN8w7s9aRpaAJFkC8GpFbdn0qm0m7ipYwcD5qAHsdpNIsvbtQ3PBNCoOc8CmBKPm5zUcqlsjHFR/N1HIqQOGByaAKTR7ZGIJxtpsOC2Cfzq55KNnnOah+yqknU0gIHYxK2OD7VA03kyCMkt8ufxq21sGOSCaX7KNwfbxQBUjuDsGD8x7VPJKy4yOTTxbIXBKYqK4gdsFDgr2oAJLgqoxUDSLJIAce9WVtzJgyDB9jT/s44+UZoAPMVUAXj2pFcYYlRuNOZAvBFOEJODtPPtQBDIFwCBzQzGp5LcL05pvk7iT0oAiVgUBBqSFQckqcmnxxqufl4p4jwuQcGmBUuFeNo8cg5/CqwmJhkdhyvA5q88bYJbqKb9kV1wFzuoAZD/qVK56ZqFp/mYHNXPJMa4CkCq8lqGZjs/GgBjSZHB49aRJMRg7e9WFhXbgLgUqwgLjHFGwissgZmyKZHG7XAIPy1ca3XqOPakWPyzmjcCtNH8wwTnPaoVV135LEZrS8tcE9TUW0c8daoZTL7cBSaiSNpMkgk5q8IVB6VJHCNxoAqJH++AHG2lum3sgzjPWrLIEPAyaaI8scrmkBT8wxxuvJPvQ15sjIbjjFW3hDDJHNJ9lRlIKikBnyTBljI6Cq/meWJWdiZCeM9AK1mtUbt0qrd2XmIdoHSgCn5wkdFBIGM5qy8itCHXJxwcUsNpsjXIBIFTNCPLKgdaYhtkTGuSc55pszIzk5wf0p9vGVyG6UPbh29KYFORvmGSM0qSfu9pPVsfhU0kK+YOM0JCu7GKAKxjT94AzcCm8+SPnNXpIF2nHWmtGm3aBikBUYBP48/jTWyNsgJGOCKsi1B78UPahwece1AFThSu8n1q3aybsnNMa1DAAjP41IkQhGFFMAd/wB4ag8xmyc7fcmpmiJIOajWDg56UgKSySybRuzlutOaSWNpASSccVYW3CqSM59Kq/Z5GmbIJHqaVwJLeaRlAbOaWSRt0aDv1NItv5cg5Of0oAeO4yVLAjsOlMCzN+7hPPPrVBZpAwDHNXZI/Nj2E1X+xndTERbvMifdyAaBKyyRrjC461ILQ/MucZqOS1csoLcCkKxIl2dxGScUsd46RsSo9sU37PtHy1G1uwXAbNAy1DfPgLt59cVZjvT0IqjDCy8k09gSwNMZcN6V6dDUZkDTZ9snmqrErjPNSxqSwJoAlhvQsZYRsrE9T9avQ33ygkZ98Vnj5VYEZp3lu0BVTtPY09gNFb1SwPSl+2DkCs9VKlR6U2Z2DYAI96Blr7Q7TFS20ds8VatZG3OC26spc+YfMBPofSrenMomY4YfUUwNX+HOaqSXckd0kac7zjFJPfGORI1jZtxx8ozyeleZ+OvFF9d/Ezw94QsLubTUu7SS+1C5g4lMKkgKjduRyfekB6z1wSDuxVEXU5mYrwqn8a5W20fVNH1vS5LDV7260n5he6bezeaD8jFXVj7gVm/F7xJf6D8ONf1rRtTlsbywjEsVxDtZThlDKQOO/P1pgdjqWh6VfXkeoXthBPPEiqJHTLEZyBkH19a194bLA14b8RPHF/ofwzi1jSvEiS6tG1t5m2WGVpDKwWQEDJBXPTtXsGgrcx6XCk8jXBjT5pWABIA6nApgPk1A+ZIoXcVXPWpLO8M0YyAGIztJH6VnmZVuJn6bTk57CvMdY8YeK2+Jlz4Y0690/wCzrpa6lFLdWuTlpfL8skMDjPOccfhQB66t2HmKJuDDoRjHv/WlkkB4PGOynAP1ry74d/GCy8VeF4tU1aW10K4E72c0ckwCeajFcqWPKkVvzeMtGhtbW+OtWQtrksyTLOu1gDhu/QHimB0ouGVgdvCnI5x+uKmRgxLqAdwwT0/kK5u51mx+1KtxqVnagoJQJbhEyh6MMnofWtS2voLjS/tNpPbzxNGzxT7w0JwDtO4cYz19qBo0JI1aPBAI4wrDIPv061DtVXO2NVY8jbjk9M5xxWVp2thND0+XV7zT7a6miDsyTqsTnrlCTyPpSahealDq1pBZxWE8EkMrOk0xWTzBjaQO6gLyfegZoMkcjF9seeh+UY+p45pklvHtLCNH7Y2DkenTpXD+DfiBqvjLwzourLZ2MUtxdyw3UJkYMsaOy5i/2tynIrtReRMy5niLSNhR5oJY98epoAb9khXB8pTjoSqkj6HtSMvrUhbtUTc0ARPxUTfdqWSoX4XPemBCwPpUbLmpd2VpkmMdaAIGUetQtwxqRu9Qt3oGhjnmq8q5AqaTpmq0jcUFEUtV5B371K7dahZqAIvqKimYelSM3Wq7c5oA+hmqJgWGAealLBsYqMjjPesiCBty9eajkY7uOBU0mStRMpK8A0AMaX3qPziGzS7eTmm7PagCR2Mi5zUa/LkUo9O1HC0mAu3dzRtxn1qSP7opHU9cVIEcLbmxU7KexqONCsgwM1OpPfigViNVPrTGVj71LsLHPapY4sAk9aAKn3cZqxHyOKa0Z644qVVCqOx9KBC7aMZ4oGc57UjKc5HFACqu3Ipki+XgCnbtq+9CkSHk0wAMI1HHNCsGbqKSQheKg3c5HSkBa2fNx0p23tVT7VtyM1NHNvySfpQA54hUckeMUedls5zRJMCAB1oAaucnIpVyWxTdwxksPemGfDYBqrAWWUDqM0u7AIFQeY3Q0obr6UgFPJ60VE04UGiOYSDnigCcMOmeaRmquzY5zml8z1p3Al+8BUkOI5B3qt5m3JNRtcf5FK4FuaUsxGCBTCc8VRF8jNtyeuM1ZWTHancCVVGOtOOFWq/2tC+zqw64qRn+WmAhNDcYqEyYYCleX8aVwJSw9aULu5qpv5APWp1k2igBZOmB1pqZFMMw3etJ52elMCY560nfg0wyHbVaa5EI3nrSEXKYzY4zVL7YrNwSB1p6ybuQc0WGWdw29aazDbULPtPJxSNKMnigRKu3FDY4xUYlXjIwahmuhHIoApiLI+tGDzUCzb6l8z5ck4oGNCZ5py4TOai84Iuc5zUDXS7iufmoAtl1ahVVlyarrJkZJFItxjK9qAJe/BxSfjUayBu9K/y980ASKu7Pek4UYIqBbnaTR53mDdQBI3tSD7oqLzMUqtzTuA7O3tzTeD0pzNtyTUH2lBjkA+lICTy/mzS8MvoaRZgwyaaZkGMkDNIQpOzvSbs801pBzxmo2l28ZpgiX370nU9eajjlHXNLncwI5pMY7bn6UhjA6UbtoyTxS793SkgAZ/8ArUdeelMZ+euKTzNx46VQEjR78A1Mq4FNX7opCwFNASgCnD2qEOMdRUiMMdRVAL3NOba3XtTQaUZyaBkqgMv3fxqSKLb2pifdNTI1IDM8ReHLPxRppsdQjka28xZf3MrRNuXp8ytnHNefax8Lbjwvr3h/xL4UhbUbnSIZbW4065nbdc27sW2pI5++rMSN30r1Qufwp0b7Tx+dAHMQahe695kdzo0mk6cI5BdS6hIod12twuw4XruLHg5xXlvirweb7wd4+h8LWZnttYtYLa006227DIn37naT8qv0x3wD3r3m6tYb61kt7lEnt5AVeORdyspGCMVk6H4P0PwzPJJpel2+nM6CMm2QLwOnU0AeS/E7wXHqvwjs7bS/DUravm12RR2iiaIxsPMDZOOi8HvXQfFKz1G50vTdfjtmuNB02JZLzTRJJb3HzMuXBU8sBgbT1Oa9VZj1JPPPWsfVPCWmavqkWoXETvcIirt8whHw2RuXoe/5CmBaWOC5jVl+cSJkNIc8Hnnk5rx3xB4b07xF8e1GoWl5/ZjaELVZkilhQzCYts34xgqx79a9t2RjhRhP4fp2/SncYxhQOoYqD+VAHi3xg8LaPofgXQLCx0yOOG31q1kESxNIQgfMjHAz0POfSolsdI8HfFzU/wC1bOK38NappUP2JvLL27YJE0Z7K7cEd69rkhV1wUDA844I/WoWtw2AcMo7HH8iOKLgfKPh/wAPWWkeIvh4fE8MdvaSQ6kiNqIJAi35gDkjjAzjNejfC/SrTTvCvjqMxrH4anvrt9OjmICJCVONhOMKXBI+td14i8Ay6z410LX0vYVh0qKWIWUkIIdZeHOfUAAj6mun+zxqpRIlWMDb5YA24/GmNHy5a3THwD4ZvLG/sLi9sdAKXOi6kdsdzD5j70jbPyzAgjHXketdncahYJ8S/hzfbV003GkXBliuJPmUbUKRtk+gIBNeyT6TY3CqsllbvtPH7pRj3/8ArUk+k2dwyNJaxSOgwrMgyPoe1Az5l8P3FgfDXw5klnhR4vE1xFOC4BVC0xw4B6ZxyfUVVXS9Js/Ber6pbyrHqdl4tVYLhJ/nijNwuQATjaVJPPavppvDulyAA6ZZkBt3MC8H29/emN4a0eRGifS7QxOcuvkrjP07n3oAltpBNEkgIIkUOCB1zzTmI9af5SRoqRoI41G1VA6AcVGy0ARSEetQSd6lYYY0xvummBBg46VE/Q1NuwDUD9aBkMjbRioW7mrEgBqBuFNAyFu9VZCRmrLdKhkWgZUfkVDg1aZKjZaAKsnU+lQt96rDruY+lQsoBNAH0H5Zz04pSny1KzVCzVkQRiPdSMu0MKkU/LmoZGoAr7Mnpz9KPLPTB/KpoWHORTzQBX8n2/SkMNTtTivy5pAQRx7cCpvLBpFX5qmWHdnBxikBCsYU09oxUkag5yOlDEFeBSAgK44p/wDDTN2DTjQJgpG7BOad5fvmowvQ1I3TjigQbcdKaetCSbmNNb7xoAQoZGwBSGMqcjinxsVJb0pWbfQBVnaRhtTkjrUAchfmXPNXuN2AOe9V2gzn0oArR53OcAc9c1Iztu+92qaO3VQxPNI0a54HFAFPe2772KmiVnBOan+yJt6UiqFIFAFCRSz49TzzUsoC7AvFX5II+uOtQrCokGeaq4ChSoGTmopZGDYHSpm+7TVAbOaGBXk+7g05WCr71KVUryKasI21IFeSRpEOwgYojZmwSee9WGVFPC9aXy1QZA60AV5mJBGaaqn681YZF9KRFHagCrZ48yQMnRu9Wnb5ycYFCxqpZscmpZFHlnigChH8ty7HjNXN428nFMVQ3GBxTtoZeRQBTjfLyM2eBgUbiOhqdrUeYrA4XuKXyRmgCvvfcpxUqyF1OeKsbFVcYzTGxyMcUAUfNPncU/yy7jDYxUqxruJxUq7fTmqArlmRe9VZjuUgnNajKCuCKqC1XzM/3u1MRT8nsD/DTXDR4w3atGSFTg4waVoUdelIDIaZ5M/N+NL5rYZSTmtGO2jCt8tI8K5xgYoGUfMIfG7jHeohlpcAkqOma0/s6bulO8tVUjAK9qYGYxkj6ZqQSMRjNW47deacYUHagRSVWb6UkcP75y392rTADkU3jGcdaAIrdXbjtTLiOWPBHfrVmP5RxSnEmAeTQBDGu2Pk5NV7tn80FTgVbfHao/LDDmgZnrcM0xBFOkkdenSrZt03ZxzS/ZVZc0CKa3D+WSce1M+1yrzuxVprWPbgjJ9artbruI7UARyXszrjI571EvmLKgPIzVhbVFbntUjRBpARwKAH7u3aql180y89Klk78c1AIQ5yetAFpWIUZzUM0haYIB25pxJC4qL7OzMHLUAVjOUbnkZx1pzakY1Yhc4461c+wptA991MNmke/jO7mkBCl4JODkelH2hljZd30NMaA5wCBStanySS2aAFS8U8ZJp7XByMcVVWMq3FSKGPpTAufadw4P4U1rg7SOaiXK46U12O40DLYnDry+0jrTpb9VX5OWFZrb+SCOaNvJz1oA24br5cPjA705bxein8azdp8s88UxfvCncDYjut3epDdKuBuAI96yrXPmNzxuomBd3wcc0XA0/tB2nnNTQXXPIxWLGGLOC3ap87WUZJ49aANaS9EZ46UqzbmBFZAY7T6VJG7b1BNMDYaYLjPFL9oXpWNcTsrAAnApFuHKhs0wNxJAc8U1ZPMZh6VkpM7LncamtZiFYnmgDREoYbc80n61mx3DCYH1q/G+cnpSAWVgi8nFQrKCOetR3rklRSYwuaaKHNIPSo2alY5FRSA+tMA3cmoy3NIPSkb5TilcBWPy1XYkfSpGaoWk5ximBGzA81GzcU9+9Rt900wIWaonp0lRt3oGhj+tV5SallzjrULUFETNUTyDuKkbvUEvagBkj1AznkVK1QSDkmgCJjt4qvI3NTv0qu/WgD/9k=)

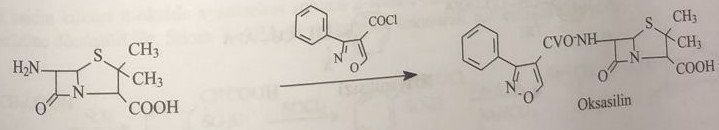
В 1960 году не было пенициллинового антибиотика, устойчивого к пенициллиназе, секретируемой Staphylococcus aureus. Поэтому лечить инфекционные заболевания, вызванные этой бактерией, было очень сложно. Для этого впервые проведена реакция ацилирования 6-аминопеницилановой кислоты по аминогруппе ароматическими карбоновыми кислотами и получены стабильные производные пенициллина, стерически защищающие β-лактамное кольцо от пенициллиназы.

![Text, letter

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4T2IRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjExOjAxAAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAMzOQAAkpIAAgAAAAMzOQAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NTowOQAyMDIzOjAyOjI2IDIzOjU1OjA5AAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAK9sAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgBAAD1AwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A6kbU4JA4z1qP+07NYJZvPUpEpZivPAG7j14rM6RkerRzRl4ED/OgwWwSCAc49QD0qZ7q5EjGK28yMYC9VJyM/wD1v88AAJNSfzf9GWIYOwmQMScDH05z19KX/ibeccRwGPHGeGzj6nvQIcY9VaLG63D+aDkEj5BjPY89fzpZV1by28r7OJO24nB49h60AN26sHYnysELtx6g8/nz+lTOb8TJsjVo93zDIHGB/XNADJbu8RvksS6biC2/0OOmM+9QyanLGpY2Uxw2PukcbsZ/LmgBF1m0ZnDb12HBypPP4VdDKyhhnBGRkYoATg85ppGaAGkU0igY0ikxQAmKMUwG4ppFACEU0ikAmKbigYmKbigBMUUASz2FrPcs8pZmZUDIv+ySQeOep/Sp7azt7dGWCzVP97HzfzNAi4gl24/dp7AE/wCFO8qRuTMy+yKB/PNAEgiJGCzfXOP5UfZE65l/7/P/AI0CHC1T0c/V2P8AWnfZk9G/77P+NADfsiY6y5/67N/jTlgCjhn/ABcn+dADXic9JZF+mP6imbJ0H+sDf7y8/pigBkiyFeVjkz2YY/xpGLhcmLJ9FYf1xQAzcpHzI6n025/lTRJFnAkGfQnn8qADGW60daAGmkxQMTFGKYDaCKAGNkds0wn2pAQzXMULKsjBSxIH5Z/pTRd27NtEqlvTNADjJGBkuvXHWgEMAQQQfSgAxRQM1QBmpAPagRKFx0FOw2OKAFUEdTTwD60CH8etGAD1oACFz1o49aAGFTjOaawOKAIriaO1gMsxwi4ycE47VE1xBtyXQD1JxQAuVfoc/Q00rg43UAQeRErnCqpb+7xn8qYV8sM3mOqLycnjH1NADElZnYCWN8fw4wR9fzHanb3GA0fXoVbP88UAHmqG2sGB/wB04/PpSiSNm2rIpPoDQMXFJimAhptADGRW6qDjpkVAbK3+YiJVL/eKjGaQEbafbFg3l8jpgkD8qdFaxwFigOW6knNAEmKKBmvjnpUgBNAiQKMdadjsKBC47dakHT7tADgD/dpR7igBQoJ5WmlR020AMZeMgdKRtuKAI2ijdCjgMp6qwyKrS6fbyR+WykrnpuPqD/MCgCAaaiSCRWcYGAA5AA5/xqJN8kk5F0yrG+B90gDaDzx7nvQIRbUzQxPPLIJR82RgbTjp06VGzTO8iOu6JDtITHz5Gec9uelAyGH7O12CgdJCNxYsTnO0YJz7AVoEHHK0AMwO/FIyK4w2CPQjNAxhgQjGMD/YO3+VIYyFwHcfjk/rQA3bKOj5H+0vP6UjGYdAjfUlf8aAE3sFyUyfQGmiU/xROv5H+VACGRc9H/75NIJEZtqsC3pnmgY7FFAGxtJPtUip70CHFoo8b3Vf944oMkYGd5Yf7Clj+lAh8ciucqkn/AkK/wA8VI0jqOIXbnsV/wAaAEE8v/PrL+a/40CWQn5rWQfiv+NAh4lk/wCfaX81/wAaMuxz5TD8R/jQAx32cskmPQKW/lmkFxE56Ov+/Gy/zFADWmgB5kjB92FLhSOMH6UDKlxZ+e6kyELjDL1BGR/+r8aYbCARlBGoBBGcZPIx1+lAhi2SRoEVpABnGHIxzmqxiZFuFS6BlckJvK8NtAHQetAyWGFzFifaX3HkDjGeP0xUpQ+tADSG9QaaRx92gBpwPam4HrQMMehpuDmgBGHtTMe1ADdoz0IpMYPegBfwooGXr+8jsVRp5vLSRxGuEySx/Tsaowa1a3m1reK4mkYlQDyODg5AOPfOKZJs2OZLdJjB9nkcZZNuCPY1bJRRlnVQPU0gGrcWzHCzox9EbJ/SpQyD+GT/AL9t/hQIXzE/uyf9+2/wpfMjz9yX/v23+FAC74/7sn/ftv8ACgsmPuy/9+2/woAia4t48h5lT/fO3+dIssEn+rnjb/dYGgBSvo2aiNtGG3CKPPrtFAETWy7t43qR/dcgflnFI0bdRK6+2Bj+VAEbCbbw6Mew2kf1qo1pvLNLAAxzxHJnrgnrjHIFAyOG2WCRWHnLjA2Fc9AR2471Z86Its8xd390nB/KgB2KbigBr+/NMwOwoAQrt5pMCgY3HvRtNADCppMHPNACYooAvX5hWNWuRAERtyNKN2GAJzjvxnvUP9pWaSxwidyflXbEmF5JA7ZHIPfimSLa332u5ihfTZzG7upd8sqhRkE59elbiRIi4RFUegGBSAcGiRA5kUKO5PFScEZJAA5oAPOjBwXXP1FILuAhj5ijZ97JxjjP8qAHPMilxuAKAFgewOf8KRpArKpZAzDgE8n/ADkUALtHJbjFRBU3djQAyS2t3OWhiY+pUGm/Z4x03gegcj+tMCNoGz8s8qj0yD/ME0x0myNkqD13Jn+RFIBjecB9yMn13Ef0qISSHkwOPxH+NAxBPGxIO5cf31K/zoDRyfddWx6HNADPs8W7cIwpPUrwT+IprQf3ZJE9w2f55oAYyShcLIM+rLn+WKY7vGoMrRD3LbQf50ADGUdYi3+6w/rikZyo3Mjgewyf0oAas0b88j/eUr/OgzRdPMT/AL6FAxeCODmkNADT1ooA0L9YGSGO4hMqvIMKBnnBOaZAJBKq21tGikgkiPbgdSCe5yR/49TJHyQXjyo0d6kPJZhnduAJzgHpjIFD2v2hWZtRuCCwTMasuM47fiOaAGrbWKAo8ty6IrKSSCMAkHjHqT+XpikQaLH5Uab2JVivyNyuOeSORj9CO2KQD1stLEMt3HExyyzZdyoJBwDntzninvFpdtJLbSRSDLGPl253jB6n3P0/EUxEr3Vm0ckxilRhGWKjoycgD0xk9PU+nNV71tEucvLvIaHJKk8IMNn9RQA5bXTUtmuFnljjkbPJ4UjBOOOMbe1W4Le2uQpjdmMUjMGKjIJLZxx/nAoAjXTrpGlkXUHy4AUNGDjB+v1/PtxhUt71RFvukbaTv/d43cH3oGVPO1ONpVMUcpBYoBlcjjAyePX8u9WQ8rTMjRkJgYbj3/wHT1pAPKnPWmFTjjpQA09MY5qN40kP7yNWI6blzQMY9vGxB+Zcf3GK/wAqQxMekzj8B/hQA3bKDzImP9z/AOvVe4ga6Xy5oo2i9RIQemOmPf1oAlLuDjyXPuCP8ab5q91kH/ADQAxp4Y/vuE/3/l/nSiSN1+V1YH0NMYwwwk58pCfXaKNiDooGPQUAFFIDXuPtAVRbqpYkglug46/nioF0+7kLGW9ddzZHljoO2KZJMuiW5CiR5ZNuSNz9yME1cj0+3ULlN2CDkk8kUAWFs7cHIhTv29f/ANVSrbxKzMsagt1460ASBAOMUu0egoANgx0FRmHOcqvPbFAiM2kToVkijZc9CoxTEs4oOIo0jHoigf560APZflxUZGBSGNIHpUTgelAiIp3zTdhA60DGbDzzTdpBoAQikI9qBkFwsbQOspCowwxJx1rPgsY54I5g7CRmErezEYI+ntQBfVSEUMcsByfWjFACYqMoD1UH8KAIjbQk5MKZ9dopPJQEYBGP9o0DFooA3xUi0ySVQalVT60gJAKcQccAmgABb+7SgMTyMUAOxQVoEN2+5pCvHWgCMqfWmFTQBGwOOlRke1ADCKYQPWgZEwbsRTcNnmgAIpp+lAFOQD7bGGAPy5XPbHXH5io5LdUuA8TtG0jfPtPXjrg/h/k0ATohQEGRn92x/QUpoGNIppFMBhGKYaBiGikBq3ty9qkbJC0u59pC9QPXHes83WrXWxobVoYWOSXwGUbR1De5P5UyTX083UcIW+kiMm3PynsOv9Pzq6J49yqWALAkfh1/nSAim1W1gjV/M8zcNyiNdxI5yR7cGnf2rarOsMjlGYkJkfextz/6EOtAXEXWrBhIwnJWNdzNtOB0/XmnHVrQf8ted6pyD1I4oEC6tbyWbTxkvsUsVA544NSm+iFzJAx2lFUhjjDbs8D1PH8qAIl1W1ZFZmZNyeYdyHCjpyegpY9RtppAkcuSSByCOufX6GgBTdw+QZi21BuzuBB468fhTgwflSD9DTAZuBHBBGccGmHA5pAMpjCgBm2mbRmgY0rTSDQBFJGsi7WAI+tVlsIFLMyb3JyXbk//AFj7+woAY/2mNtsa70yOW6gZOfyGMUQyyl2WaPBydpUcYGKBkxxTaYDSKYRQA0jmikBsT+duj8nb9758jtiqclo1xDturpUbcgYZ43DB9eCfb1oENFpp3kJM88zBd0aknqQCD0GDwD/kU611Oxl2GO3LM8e8EHdyTghvoR/+qgRohIAyZtFyrGP/AFBI2+2OgqMPKl3H/oceC53AJyFx1/Pj3xQAqX96ZFEemDCnDjfgqNuV6474HHSplub6aykdrE29xj5RuD4OeM89O5oAdPc3UUxVLB5YyV53AY65/LA/P2qjJeagltcf8SgMzR5UA5BYj7pGOcZ/HBHBxQIm8wPGyjSggCDgx5zyPl6dsn8qWWS2tY2mksJMrN5YCQjJwThvpz196AFWOw1JWTycZjBYn5SVJPBwc9s80selWsTKUZ8IOPnOemOvXpQMjOmrFCI4JZFXdkAyE99x568mmJaXcbyl7tpVdVwu3ADAcn8T2oAsr5oGHALdyBgUOQOCKAI8qfWkOB360DGHp1ppyPSgCsbuFpFG7hvutj5T9D0NJPOkTxKzqpZuQT1H/wCvH50APd0jRndgqqMknoBUXnwkEiRcDrk9KBgGDqGUhlIyCDTHz2xTEGOOaaRQMbiikBr3Ns1yoTzDGvOcd+MVXgsbCBCpfzSX3nncxbOeg/limSXY47eKL9zZswJyVVApJ9TnFWELuhAtgg6bXbn9MikBKDc44giGP9s//E04C8b+KFfbYT/UUAOEd6RzLD/36P8A8VTtl1/z0i/79n/4qgQhS77Sw/8Afo//ABVIUvOMSQn28o//ABVAxM3Y6xRN75I/oaTdcHO6CP8A77P/AMTQIazOB/qAcdlb/HFQ+dk4azmQZxklT/JqBiSTQgA/vPwjJ/pTDLARgybPZwVP60ANDoWyk6H2DCntu7YNAERycArUfGcFDxwDQAwqnXBFQXK77abaSWKEY9eKBlZvKNkvnTI6bQGJ9f55/Wm20UT28ir5bIzsDjuMnHP5UCGQwKzSJ/rIkOFBbIxgcY6etPa0jII2EKTlgD976/5zQMekawrtVTt4wPTjGP0pNwzjaaAGlx9KaWGaBjqKANxreKTPmKGB7NyPy6VOm3AAxTJJlYA9KnAFIB4xTwKAHCloATFHagBMU04oENKimFRjGKBkZjX0FMKDrgZoAieBGGGGR6HkVXFhBHzFGqf7qgfyoAieyUnO+UHPaRv5ZppgmBH+kP8Akv8AhQBG0d0PuyoR33pn+RFMbzguBGjN+IH9aAKrxCSTdNaKSeux8g/UEAGmzRJNuzDKuRhipXkeh55oGJGbeFdkayoP+ubfzxUpkTH38YHUgigCI3UBbAuYi3pvFP8Am4PBHrQAxgeuBTWz/doAUdKKBnQ4GOacmFGcAAckmmSOW6hyiiWMl3KLhs5YckfXg05r+2huRbSzqs23ftbI4Jx16UgEbU7VPL/fZ80gR4H3ucUyDXNPmWPM5RpEDhWU8DOPTHWgRYXU7I7sT5wu77p5G7b/ADx+eelQ2utWd1bRzI7Deu7bjoQASM9M80AO/tix2q/nHBPBKkcbgufzNSm+thCXeTaAxVuCcHG7t7UAQDVrIT+X5x5VmztIA2kA/wA+tPfULVZWQzgbc7sg4GOvPt1+nNADvtkO1S0qruVXAbjg9KcLhGGUmjbnHytmgA3Engg44ODTWcD09uaAGk8HikPSgYzFRsMUARnmmEUARtxURK9xQA0KrdBQY19BQMjaJTwRUJt4gfuL+VAEZtYSc+Wn/fIqM2idiy/7rEfyoAlVdiheTjuTmigZoahBqcspWznSONlVSW/h5O4jAznGMUg0ubzZprrUpRC6BSgIVVIIO7Prx7dTTJLEVpa4DefJcKGLqQQ2GIIyCoznBxnrVwCGaRnFtI7nGS0ZXpnH3sep/OkIebWFgm7Tw2z7oKodv05qSO1ijAEdgq444VBgfgaAJQLhVwlugGOm/H9KXbcmQObeHIGAfNPH/jtAD9s3e3i/7+n/AOJpGh3DD2qFT2DAj9aAIZLS3bl9PVsHPKocfrUf2G23M/8AZyZc5f5Ey31556n86AHSQQSKBJaNhcAYxxjp0NRNFZ7smGbduLf6uTqSCe3sP8k0AUm0awIldw58x2diy45LbuhHb/PamtBaGV2XUGjdwfk81cKSMZA9aAFOmTmSOSO/cKAFbAzvAz1Ofc/nV0sw42mgBhfGSVNNDb+1AyNl+fOeMdKafrQA0imFaBjMYPSkNADeKhkXAz19qAGbBweRQRQA2imBvPEG4Jfr0ViP5U+OBVIKxxqR3wKBE6q5HzMAanA460CHAj1Jp4YY70gH4B9fzpRj3oAdmk3CgQxnBGO9N3ACgY0MDzUNxcRQKnmSbN7bFOOpPagARg8SsDwygjNIw9xigCMwRHrEh/4CKY1tD2iQe4ABoGQ/ZYwchpf+/rf41HPGFiZxK8YUZLA54/HNAFSM73Iju3kdeqyKOPyAqQrMejoP+AH/ABoAjf7QowBGx9clf8aaDN/EqZ/3v/rUARGaYNj7NIw9VK/1Ip3mbh80br7EZ/lmgCMlQf4/++Cf6Ux50I6OP95CP6UDG/aYD/y1j+hYUnnRnpIn/fQoAAQ3IIP0ooA6MCpFApiJFCj1qUEAdKBDgRnoKeG9qQDw3tilzQINx9KQnjpQAzcBkkc1TnffeRQsWEbdlOMnk8nr2oAgurVrKKa4s3WJUjZvK2fISB6DHp9ferH2SJl/e7pTu3Zc9D7DoPwoGRXjO6m3tziZl3Z7AfXtnoPxPaqD2+prLmKUBMsdrkHI42r7fxAnnseelADrT+0whFyqFscEuB/E390H+HbQtxdESE28eEYg7Zcnj6qKAGbLqcw3AmWMAZ8sZIIIHB5Ge/OOP5wSXcsjTLLC6wxAiTZht5xkgd8YP1PtjkArwyWj3+xInSbr5hbIbAXvk/3h+tamOKBkLxhjk0zy8etACYwetJQAxuOtQkEc0DG8ntR2oAQ9aKAOhxT1AFMRKGFOVgaQiQGpAaBDgaM0AFNc8igAOCMGq8sRZg8bhXXOMjIP1/8ArUAUniub7zBLL5UBBjKR8k9jyR/kdgaWSa6S4itiUKuGImwc8Y4K9M89c9ulAEG6WxunMgeWGXGZMZYNgDkD19h3+tSyX8SgkrJgLubKFdo9TnFAyF9RV9ogw28DaSeuTjgd8dT7VFHBdxwzeZOgklLN8qfcJGBg+2O4oAbEbxYgHlhBBPSM4xnjuO2O1QRPdrLenZE3z5BDHk+WuOMf1oAtRIHjVpYlD9wB0/zipTQAw0wjmgYwim9qBjWGeCKaRxQIYRTCKBjDRQB0WM0vyimyR4I9KeD7UgHBjTgWxQIkBNGTQAHd2ppDUANO4nGab8woAoWC32+RrrAGTsAxyDj075z+dPuYriSWJ4pdirncp/i5H/1/85oAgP2s3MQmijkVGzvX5QPlPOMnnPGPfNSypHKR5kSsVyASM4z1oAaqxxElE25pkkgK0ARmRcc1QmtbmUMIbto2ycNycfMCOOnAyPxoGTQQ3KXG5pQYsD5NxJB57n8Kt5NADST6VGSfSgY3ce60poGRscA1ExPUE0AIGyOaacdaAG0UAbs8jRqCqxnJ/jfaP5Gqs1/FBaNdy3UCwqCzMqlgAOvQ80ySxGjsA63cjqeQF27f5Z/WpDAXGGeQ/wC7IV/kaQDo7OIHrI3+/KzfzNTrBD/zyQ/8AFAgMEOcGGP/AL5FKttB/wA8Y8/7goAPs9uM/uY/++BSm1t8H9zH/wB8CgBn2aIH/Upj/dFH2eEniOP/AL4FADWtosf6tB9FAqJ7ONv4pB/uysP5GgBos41/jmz7zuf5mgxY4DN+JoAglgkb7txIv02/1FQ/ZpVH/HzIxH95V/oBQAxo5iQPMT/vg/40hSYciRP++D/jQAgNyP4Ym9MsV/oacGuT96GIfSUn/wBloGSbmA5UZ9M1E8zg8W8jfQr/AFNAxomf+K3lX67T/I0GVe4cH/cNAELTK2Rh/wDv23+FMMwHGyT2/dt/hQAzz41HzMF+oI/nTftVuR/r4h9XFAwWaJ/uSxtjrhgaKANXVrW3vYoYLgzgLIJB5SE8gEcnBA696zf+Eb08gpJZ3E6shRt8ijIJBwSCDjjp70yTVspNsfkQJBsiAAVJixUds8e1WiLpvuPDH/vIX/qKQiWBZ8fvJ4z/ALke3+ZNThSc4lYfl/hQAvkuelzIPwX/AAo8iT/n7m/JP/iaAE+zv/z9y/8AfKf/ABNI9vJtP+ly/wDfKf8AxNADRFJj/j7l/JP/AImgQuB/x8yfkv8AhQAGIngyufqB/hUTJt4DNx34/wAKAImWcgbJVGf70ef6io/LvQf+Pi3x/wBcG/8Ai6AGn7SBz5bfTj/Go2aYD/Vp/wB9H/CgCEtc9RFF9PMP/wATSGWXJBgY4/usD/PFAAJpP+faT8Sv+NPR5T1hYf8AAh/jQMbJME5eKT8F3fyqH7XCT/q5/wDvw/8AhQBJ9oj28bh/vIR/MVRSErqU1zJdl4WIKRFuIztA45+v50DLJuYB1ljH1YVE91bZH7+L/vsUAVdRaaexdNPuoo7gkbXJBA559e1WIl2xAFiSeTk5680AL0ooGa+pQTzwKkE4hO75jnGQVIGPcEg/hisc6ZcgIJtcmAX91hFIG4ghe+D1HX0FMkjtbDTbR4rpbyeZmVXUbhjCjOcEen41u/2hbiRosgyAKUGR8+7gEeo96QiF9ctgVWJWdiSAGUr0Ut6emPzq41+kctwDHKFhjWTcUI3Z3eo/2aAFGsQ+WXRXYDngZ43bf/r07+1YvP8ALEFx/vbDt+9jr+v4GgBDqTiVf9Fm8tlBzsOQeev5fmaT7fKzDdZzhSMH5TkHAP5c4/CgQ3+0iFJazuQR2EZ9M/8A1vrUf9rqVDfY7tQVLYMXPBxjHqaAFj1IOYQ0EoLsFb5TwSrNx6/d/Wmrf72RWC7y7BlVtx284YAdQcf5wcAykfEEK3LwmGXiYxLtxkkAEkgkY7j8KkXV4Z0RoVdlc4DHAHAyfegCSS8ij3mQsqrjnB747dc8jj3qsmr2TxRu04TeBwwxjJxz+IIoAYNVtCXVJQ+JfLG3nJxuP4Y71JFe28qsySK2F38enPP6GgBWvLWNtr3ESsDjBcA+tINQtDuxOhK/eGeRyR0/A0DJkeKf7jhsdcf596d5QB4oGN24qpPNJHOiJAzITywGQOR/ifyoAmIGMEVEeMqTxQBE6JsJ2g/UVXtxDdQCTyIxz0wD/SgB32eDP+pj/wC+RRQM29SERjhMjSLsk3rsbGSFY8n0xmqN0kEMTma2aQq4iwxxkYGOnbnvz19KZJXS/wBPEUKpYySNny1RSG2naTjk5xhew/WtKzvfPY4sHQM4D8dTjryBkDHWkIkhubny4iLJ3DBsnZ5eOfl+U8jpjn1z0qZH1NmVjbxIDgFC4O3jk5zzz2747UAND6xhQbeIAyHedwJCdRjkfTp0AosRq6uPtKow+zqMkj/WAc9D0J/pQBPCdTfPnQxp8wxtI6ZGe/pmtEqMZ4oEN2jtimlcelADSOaaRQMYfwqMj2FAETgEYIBqr9liDbhFHnOc7RQAktvFICJIUYE5OVB5xjP1xUK2sCbtsKgsMMe5HuepoAa1lbuzM0QyxBbBxmmnS7JpGc243Mck5PPX/E0DJbaxtrU5hiK8AfeJ4AwOp9KsGgCJqjNAyM53cHik4oAacUw4FAEZxnrRQM2b+a2t0hkuR8vmhV9NxBAz+ePxrOTXNLfPlxkh2CtiPqxwCD69f50yRBr63a7rSxuJPLDMu6LOSAMbcHrya2NPuJbqAvNbNbuGxsYnkevIFIReWpAKAHgZGKVQAT70AOpCOOaAGBQucUh5pCGGmGmAw0w0ARtUZoGRtUTdaAAU4UDHjAGaY1AEZ96rz3ENsAZX2hjgcE9if5A0DHHHWmGgBhqBZ4piQjBiACfoelAAetFFhm1fSwRxxieDzleQIBs3YJB5x+f51UF5cJGDHbK4BQgRp/Ceo69f06etMgI7zUpoISLXYxT94c4IbaD0YdMnHf69qtlr8O5VVZC0ZA3fdGRvAwMnjJ5pAM26l5EaoQrMrhhI/wAwyeORxxxzU8kWqSbylzFHknYCMgDtnj1/Tj3oAYtnqsQ3f2iojEu9t2CNncHK+vf/APWZ9OtpordUN0rlowd6Hhvcf570CHtaT4t40ugGhiCv6npz+O0/5FVo7O6jnM7aiHDKqMFXqysff3Ix+tIYyG2vJNuNU3Y+c4Q8qd2Op+n/AHz71Ba6ZdWUENrHqkYULgfuyMnaB/ex7+vNMRIdGvBGUj1Flj80SKuzO0A5A5Prg/h9aWbT9SeV3TUdiMpCpsPykng5z2oAQ6fe7ywu16gj5TkcAHnPJOOtOS1nUK3yhklkcDOAclsA8e+fwoAhmsrv7IYorgqSxYEnJGWz1xyB0xiq6WurLPIXvg0LDCrsUFTj12/5/mDJDBd7FBmXcMHdz1A6nBGRnHH1qo8GrfapHW4h2MAFDA4GCT09wcdfTrQBIq6huUvLDwTkKp6dvqfyoRtSUqPLhOCNxLHkHOccduPz9qQFqH7QqsJyG+dipz2LHA/AYqQsfSmMaT7VBNDFLjzEDY6fkR/ImgYMcdqYW9qAI5ArqUZQykcgjg1BHFFEf3aEfKF+8TwM4H6mgBWOD0opgbl7LPFCDbwedITjbkDA9eSKpxf2oQ37uCNfMBRQMYX8Cev4/jQSV/smsbGAuI1BLc7ySVPOORwe3X8e1aaWjsG3MqgzCUKVztAxgD0PH6mkBH/ZLF5MT437yXGQwJYEdD+uegApv9iSvNIZL6YoVTYQxyGVic4PHTb+IzxQBfs9IFsJGF5dMzgYJcfLgYGOMfnnmpDpMDbAJJRsQqBvyCCAOnQdO2O/qaBDU0K0XOAcnq3GTyTzxz1/l6U4aPbKQcucSeaMtn5sg/0FIATTLdCSu4ExGE/N/CTn8+etMj0i1gmSWMMGQYXnp07fgKALeD600j3pgMIPrUZH+1QAwqT3qJlPJDUAR4P96oyDnrQMaAe5pec9RQA47j3ppDUDGnNRnNAEZJphzQMYc1GxbNADcmigDa1AXRtwLQkS7uoxxweue2cZ71iC18SzaVLCbiGG6cMokZycA5weBwRnt6CmSWPset7w02pwKmAMBe/HfHqG9ODUOmeHruyuI3/thcRbFlRExvIOcHnjIPT3oA6iKSJwpSRGDZwVOc4605bmASbPNG4PsP8AvYzj8qQiVbq2ZFbz0AYArlsEg/Wm/wBo2XzZuoU29SzgfzoAel1A8jIsgJXIJzxx71GNQtGg87zh5e5lJP8Askgn6fKaQETarZLLsMv8LMSBwAuM/wA6STU7JW5mOQduAjHnjjp7j8xTArprljLuUsybZPLBK5BOSAeM8Eg4z6VA3iHThHK5kdTGpYqyFSR2Iz2J4+pA60ASS6zp8ZRWmO5zhQEY54z2HoaYNTs5PLZHZlkLAHYewJP+H1oAF1CFvugt86px6MAQee3IqCbVLaCNy+8MJRFsABbJPXHpjn6UAVxrOnvG7pMxCEhv3bdR17c/hSHUYcMQkh2yiNgMZGcc4J6DNAxBqtlvZfPHydSB74P69+lO/tGzLQr5oJlJC9ugJOfyoAdHqVm+w+bt3dNwI47GrCyJLkowJ54zzwSP6UDBhkYzVa4hlfb5b4UH5hkgn8R0oAFjYIAxy3rmkK+9ADCpwapxwTpJulkDcHJBIB5447enWgZLsPrRQBvXUc8iIIJVjYOCSwzkdxVH+zzIuPtJjZSpIVRww7/54/OmSVVtII4oY21LCwKUxtIyANuMZ65H8vrV8wQSO0pluCwmjRhyAGBBGR09OfegQKliZVeVpnNvvAkIHHzAMcjB69/Y04y6OjLumkYiRJFIVjznapyByOD9cHrSAltTo9wHS3Ys0aquCWT0cDJx359s0v2TS0WOJ7JoxNF/q97DpztxnHGePx96ACO90+Obi1cRPgq5wwYsW5wTxyvU/wCGXW2o6bKixi3RCZXATYBggkZIOMZz+poAS3udOuZ1BtYfMWLzVIQHBbJYA+v8+aYbywMghisN2XTP7obeWUZz7dfw+lAF5tOsmbLWkBIO4ZjHX1prWNmcg20JyMHMY6UAMaxsyys1rAWT7pMY+X6elN+xWnGLaEbcgfIOM9aAG/ZLdQ4ES4ZtxB55wBx6cAdKZJbW7ptaGNlDbsFRjPr9aAK32CzAGLWDgkj92PxpwiiTISNFycnAxz60DIGtbZid0ERLEk5Uc561IscMaoqoqqv3QB0+lAAtpbq24RJxggY4GOmB261JhVHGAM54oGIaYxHrQAwkVGSPWgCMkVGTz1pjEJHrRQBrajHFNbbJpjCm4EuGA6duazEtNNiKlrgtuKOCWXHfHQDjj9O1BJKLLSWhI3IFDNgtMeCDgnBOOuPbpVj+0NNEqBrpMljIXEp2kqoJJIOOmOPSgRoRWtrPGssao8Uq7h3Vw2Dn3zgVImm2gleT7NDudQrZQYIBJHHTqSaQFlLaKPcEijUN97aoGal2rjG0cdOOlIBQgx2o2991ADeM5zTWUdc0AMwPU00qOuaYEL7cn5uTTeBnnrQA3APAJqJyoGOTzQBDuTJ5PpUZCZ6mgBpVRwT1oyuQM0DHnaAATimnZnqaBjGKg5BOfSoJ5Y4YWck/KPzoAbE4eJJCCAwyKGCqck0AMYr71TFyhmZApGDg7uD+A7j3pgSnafWigZvXqxPCqzMApdQOepyMD86wV0XSYQVYTgKVQ5f+8eDgdsjr/wDXoJHR2+gLAh8pis6Fgu5hwdrEdeOi/lVuO10ONgghjOSCmW3CTzMLuHJyDnk0CNFdQjtLaOMQCMeW/lx5wPl6AcYwRk59BUsuqwQ+YXEpVCQSAOwz0znp/h1pASf2vGJZ4RDN+6UkExkBuAfwHOMnjIPpSRatkbWtpXfey/u14wGKg9e45oAe17chty2bNGUyBznOT3x7D8/zV726Rh/o3G/aVAJzyg4Jx/eY/wDAe1ACNcXAeTNtJtDLtxjoTg9Cc+vT/Gqxv7pmhK2cgQv8+Rghe3Hr7D+77igBn22/YkDTnHTaSwweue+QOnb8KRp9SH3bcMp34yRgYA28ZB55zzx+tAECzaucubaEZU4jOPlO4453c5G38/bBg87XEtIh9nt2lAUOz9znk8N6Y9OaADfrTD5o4FxJ1TjKAj3PXmkH2x7i5zuGY0Kkk4Dbn9/TbnFACXUVy0VwYSVMgGwE4KnHPf8AyfzNXbqyzOQYTEMbd3X3pAKttdSQsk0rZZFBZXIIbJyRjp2okj1P7WzpJD5QQhBznJHXH1/r60xkxjvpEXdJGrBweASCO/pVvoPu5NABkc/L+lRNz/D+lAxpJ44prE46UARkn+7UZJ9KYDct/dopDN29aJbfdNHvQMOPes6OayuFAVHmUtsLMhPGwsAMDkY4x/ktkkLXVgIh5dipIUtHuReoyMevO38qtG/UkqLSRiSrkBAc8Z6568Dk0hFyO4B2J9n2qc4byztA3YAA9SP/ANVWo5T5sIddhbJk/dkAfj27dffvQBRN9fLPCFMb42GWMso4O/P8h+VTR6jesTiO3+XIZdwyOAV/i75/DFICxFeXLwyGWOJW2KQqSqGzzkDkj09OtJ9ou1SIKYpD5WGZmBO71IXjPXIHtigCITX53OTtZlxhYXIHzHpwf4cVE4vmOBMyr5xY4hkBKbgQMlcg4BHXv1pgEEN9GHzOWzAVUlW4fJweV9CPy5zTrSG+RLf7XOJXTPmFVI3/ACgdh65P5UAXGl9IpG+gH9aha4kHSynP0Kf/ABVAEZuZc/8AHhcf99R//FU0zyn/AJdZB9WX/GgBpaUj/VKPq3/1qjYy/wBxP++j/hQBE3m/3E/76P8AhTcTdkT/AL7P+FAx++cdIo/+/h/+Jo3T5/1Uf/fw/wDxNADSZ/8AnnH/AN/D/hTGM57R/maYyJkuP+ekY/4CT/Wmbbkf8tov+/R/+KoAaVn/AOesf/fs/wDxVRkT95Iz/wAAP+NACYk/vL/3z/8AXooA/9kA/+Ex6Gh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRvclRvb2w+V2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NDwveG1wOkNyZWF0b3JUb29sPjx4bXA6Q3JlYXRlRGF0ZT4yMDIzLTAyLTI2VDIzOjU1OjA5LjM5MjwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMAAwICAwICAwMDAwQDAwQFCAUFBAQFCgcHBggMCgwMCwoLCw0OEhANDhEOCwsQFhARExQVFRUMDxcYFhQYEhQVFP/bAEMBAwQEBQQFCQUFCRQNCw0UFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFP/AABEIA18DNwMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTUWEHInEUMoGRoQgjQrHBFVLR8CQzYnKCCQoWFxgZGiUmJygpKjQ1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4eLj5OXm5+jp6vHy8/T19vf4+fr/xAAfAQADAQEBAQEBAQEBAAAAAAAAAQIDBAUGBwgJCgv/xAC1EQACAQIEBAMEBwUEBAABAncAAQIDEQQFITEGEkFRB2FxEyIygQgUQpGhscEJIzNS8BVictEKFiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/2gAMAwEAAhEDEQA/APYLW32/71XI1+amxrU0dcR7o5V+apl7U3bUi0ASKtG2nbvepNtAB/u05V+Wjaqx05fu7f4qBDloVVoX7rN/dqnpfiDSdZ+0f2bqVnqDW7bZvskyyeW3+1toAv0m3+7QzbY2by5Jdq/dj+81ee2/xu0u4tdNvn0vVbPR76+/s+HUJ44/L87dt2sqtuX5v4qe4j0Ze1FZ8ms2NvqUdi99areN922aZfMb/gNZbfEvwuupQ2K69Yy3U1x9ljWOTzP3n93cvy7qQHTLT+a4aTx5p+k6h4omuNWkuYdNaGOa0+z7fs7N91Vb/lozNVHxR45t/wDhGby4vLPXLGGO+t7WT7NtjmVmaPb827/VtuVaCbnpCruWj5d21q8zm1Ca1+LHi5dtzeW8eg29wtp9o2qvzSbvL3fKvyrVPSfiJcW+k/D+z0Pw+ssevWcjW63N9t8ny4921m2szfL/ABUBc9a3LupzMteY2vxQ1LUvCcOpJY2en3H9qSaXdNPN5kNu0bMrMq/K0m7b8qr83zVHo/xL1bXPAf8AwkDtp+kR2dxdR6hJdxyMsawybflj+Vtzf3WoC56g0q7ttOVlrymx8YeLv+Ed0nUNUbTdKutUvNscf2dmmjt9u5VWHd+8mb5fl/hVq6T4Y+Kr7xl4Tjvr+NYrqO8uLObbHt+aOTbu2/w/7tAXOq1bWbHQbGS+1K8g0+zj+9PPJtWrisrRqytuVl3K1eB/FDxHqnjL4Z+OrpLqO20vT7yTT1sfs6yNIsMkaySNJ/C392tj4jfEbXvDMetTabeW066Tb2s32SC38zarbd32iT/ln975VX5qA5j2RW2037Qu6vN/EHjq+8G+Nmj1m+iXw3fWMk1iy26qy3Ea7mhZv4m2/Mv96s3XPE3irRrHTYX1Cz/tiTS5r6aCC186bzF/h8v7qxr/ABMzfeoFe5659oX7tN835vlryW18deJNe1LwLb2EmmWf/CSaTJfSST28knkssas38Xzfeptr8UNabwXoeqPb2K3E3iBdFvPlb/ns0bSRr/wH+KmgPWo7qG4mmhimilkh+WRY5FZo/wDe/u1Ju2sqt97+7Xh+m+Jm8L/Fzxxoekw2zaxq15Ztbrcr5cKqtvukkZv/AGX7zVvSLMvx20WZo4mvpvDdx5jR/KsjLNGtMZ6l8tO2rtrkfh/4wk8b+Gf7We1Wxb7VcW/keZ5m3y5Gj+9/wGuX1jXl1K1+KENrHfaZqWm2qySXK3X3m8lmjaPb/q/u/wDAt1AXPVG+Wm7a8ht/FVxoviLwDcXmrTxabceF5Li8jnk/dtJGsLeY3+181enaLry65psd4lrc2ccn3Y7yPy22/wB7bS3C5o80u2uLt/i/4Pur5bVNegS4a4+yqsisv7z+781b1x4j02z1KPT59QtoLyTb5cEkyrI277vy0bBc1eaibvUbXkO7b50XmfxL5i/LVObVJItYhs1sZ2haFpmu/l8tW3f6v/eouFy//FSstU7zUobC1muJdywwxtJIy/N8q1VtfFuj3l1p9umoRfatQh+0WtszbZJI9u7dtpjuaTJTfmqO3v7e88xoLiKdY5GjkaJt21l+8tSbqYXI2i+ajbUm6hqBXI2Wm7akbvTKQDG/2aay/NU22oWWgRG1CpTm/wBqj/dpgN21G33fmqZqjb71AyHd/s01lqamtSC4ymMtS81FQMZzSMvy1JTKBjFWhlqRVpslAEdFGyn0ARbabs+apKatADWSlp7d6ZQAc0c0rL8tN20ANam05qFpgNbvRUjJSUARNTWXctSMvzUMtADOaRqdtoagBlM27mqXmm0gGMtRsu6pm/2aj2/NTQEe3+9Tl+apNvzU1qGIjb5abUvNRMvzVLKQ5qjZalpG2tSGQ7aNny1JsobvQBC1G2nL96nNQBHtprLT6KAIaKfRQBH95vu0NTttDLQAykanbaa1ADW70yn03bQAlM21Ns20ygBm3bRTv4qKAOs27WpyrVfUr9dN0+6vJVZobeFpmWP7zKq7vlrzuH4ieJPEHizVPDul6Xa6RfWOnx3zNqDeczLJt2x7V+VW+b+81AHpy/eoW4jZmjWRWZW2ttbdtrgZvi/Y2vjLTdDS1kuY7rUv7L+3eYqqtwq7mXb95l+6u7+9Xkuk+KNe8C2/ibVNLuIPsbeOGs5LFrfzPOWRlXdu/hp2IZ9DaL400vXtU1jT7CaSe80mRYbxWhaPy2/4F977tb1vdR3UayRSLLH/AHlbdXy74yutUivPjJHpHm7pNcsY7ryPvfZdv7z/AOy/2a9S+D+kzWvizx5qVnD5Hhm+vIV01V+WORo49skka/3d38X8VFtARH4w+Mmn6b44k8PvrC6Lp9isbahqHl7m86T/AFcKttZY/l+8zVR+Mmh+Iri40e+0TxJqEWrTahDa6fptpJ5cPk/ekkk/vf3mZvlqHxJ8Edc1nWPHlmklr/Yviq6tbhr6ST95a+W26T93/E237tdB4i+EfiLxN4ia8XxpPoOmw262draWNv5ki2+1d26RmXazbfm2/wCzQM9AutNh1zS7ixvGaWzmXy5Nsm3zF/iXd/davLfhvoPh/wAO+NPF3iKyks9I0m+j22Nosiqv2WFV8642/wAMbN91v7tdxcfC3Tbq+1i4fVNX8vUrGPT/ALNHdbY7eNdu7y/7u7b83/Aqh8L/AAR8F+D4b6PTtF/4/rf7HdfabiSbzIf7vzN8v/AaQHWaTq1jqVra31rdRT2Mi+YtzG37tl/vbq8Z+DPhLT/FvgvR5NRvJdQt9P1S6uo9N8yPyY5vOk2yNtXc395dzba9qsdGsdN02Gxt7OCCxhj8mO2Vf3ar/d21Yhs4YF2wQxQf9c1Vf/QaAPDfD+gzX/iKbT9b0HXLnXLfXJr6G5kVlstvmbo5vOX7yrH/AA7v4dtC+EteuvDN9Y2vhu6W4k8YLqy7ljh3W6zK275m/ur92vePm+7u+WkoJZ5hdeCNc1LXPHU0uh2M+n601n5MGoXSssiwrtkVtv3f4ttU/wDhUGtN4N1TQ7W8itobrUIbq3tLu4kuFsYY2WTy1k2/NuZf+A169TlX+7QSlY4mTwHqUnjLWNaXUrOJdQ0tdNWDyWby9u5t27cu77zVR0X4QTabD4NjbXvN/wCEZjkjh22ar53mLtbd8392vRttTbdv8LbqBnmtr8E7W1jtWTXtSiuLfVptWhnhWOPbJMu2RdvzK33vvVIvwJ0OLT47FdU1prWPUm1Ty5LiORWmZt3zK0fzfN83zV6N5Um77rU7csX32VaAOLvPhVpeqXFveXmoavc6hb3H2qO++1eXJG3l+XtXau1V21reFfBGl+DbW4tdNjnWG4uJLqRZ7hptrN97bura+32qt811Av8AvSLUbazp6t/yELNdv964WgDk9Y+DfhfXLjVpLi1ulj1ZvMvraC8kjhmk/wCejKrfep2qfBvwnq0moNPp8rLfQxw3EC3kyxyeX91mXd8zLt+9XSf8JHpfzf8AE20//wACo/8A4qnL4j0l/wDmLaf/AOBUf/xVAjk77wbea5q2m6beaTZxeE9JuIby3nkuvOmuJI1+Vdv8PzfeZm+ZV/2q1te+Hei+I9WXUr+Gf7Z9na1ka2upIVmhb/lnJt+8tai+KNFb5V1jT/8AwIWnf8JBpLf8xSx/8CFoA5vT/hH4f0a40e4sm1KCTSY5IbP/AExm8tZPvL83/AV/4DVf/hTeiro8OkxXmqrYx6h/ai7riNm+0bt27dt/vfNXZLq2nsvy6hat/u3C1NHeW7L8txA3+7ItAzz/AFr4J6XrN1rF1PqGofatSmt7jz1aPdbyQ/LG0fy/L8vy1oL8O5P+Eo03XH1y5lvLGzksV3Wse2RWZWZm2/xfKtdktxG2395H/wABapI13Lu27qdwOR8D+A18EaLNp6alLqEcl1JdbpIVjZWkbc33W/vVi3Xwx1BtQ8bXUWpWv/FSW626xyQt/o+2No1b73zfKzV6Qy/xbflpvy/3qQHjPiL4I6l4kbwrDeXFi1voumtZ+ZBJJHJ5n7vbNH8v8Plq3/Aq9A8J2fiBdDhj8QratqkfyyT2km5Zv9r7vy/7tdM3y037y/MtAHzza6NqXjDw/wDEjw7YaPJcyXniK4WPUJGjWGFt0beY3zbvl+98tXNa8C3Vr4i8Safq2g61r1jq00N1Z3elyfu22rGvlyN/yzZWj3bv9qvatL8M6Xoclw2m6fBYtcNum8hdvmN/eb/aq8yq1AHzj4u8L6auofFS6utN8q6Wxt5LGdo5P+PhYW3NG38TeZt+Za6L+3I5fiN4fuF1RlW88JzSSN5zMqzL5e1tv9771e2bmXbtZvl+7/s1Xkt4ZZFY28TSL/E0as1AHg/h3WNYtbHWLGfULqLVodDkvLe7jmW6trrb/wAvEe77u77rK396rVrqV1qmufB/UJ5vNurqxupJJGX5mka1Vv4a9ej8K6Lb2t1Cmk2cUd1H5cyxwqvmL/dbb/DWf/wr7w+02kzRae0DaTu+xrHNIqw7vlZdu7+78tAWueZ2/wARNW0PwvqV8mm6fLcQ+KG0maODdCsm6RV8z/e3N/FU3jDxhqV/4N+IVncRtpGtaDbrIsmn3TMvzR+ZGyt8rfw/NXWX3wd0m40u6s0vtQghuNSXVpPmWTdcKytu+Zfu7lX5ar618J5NUbxhJFrSrJ4ks47WZZ7X5YdsbKrLtb/aagLWI7r4naXodrDHefabmSOxjurhoI93kxsvytJ/3y1XF+KfhmK+Wzl1i2W4kjjmjVm+8sn+r2/71YepfC/WLDWLXUtNj0fV2m0+HT7601Rdsf7n7s0bbW/vNuWptH8EapZ/ET7ddafbNp/9hw6f59t5ax+YsnmfLH95V/h/4DQB6FHKrfKv8NNZ9rU23iZPl2024VlkVtvy07gO8+httV2qNmkaZdrfLRcC7SN8tVftDeZtp32pd21vvUwH0jVD9o/eNUi3Ct/FQAbaay1N/u0379K4Ee35aau3bUjVCzqrUXGNZfmo2/LTty+lG3ctMZHs20ynt/dpf4aYyLbRtqTZTWoAayVHsqRqSkAz6UU7bQ1ADaZT17UUwG7abt2VJTKAEakp1LtoAbs+WmstPpG/2aQEdDd6cq0MtMCKipqYy0ARslNZafRQgIl7UVLzSNQwIKVl3VI1N3e9SwGt92oamakpDGNS07mmN96gY2mVLtqNqAG7PlpKl2/LTWWgBlJtp22jbQBHRsoVafQBE3y0nNPb7tMoATZ8tNWpG+7Tf4aAI2+aj+GnN92mxp/eoAZRUrUUAdNIrNHt2/ery/wzYXjfH7xZqSWN02lzabb2a33kt5PnR7dy7q9aWnSfMu2nsJnksnwW1TWfG3/CRalrkEX2fWF1CzjtrfdIsKr8sbM3yr/3z975vmrrND+Eeg6HqDXiNeXMjahJqnl3M26Fbpv+Wm3b95f4a7JV/d/JVe+1nT9Gj3X99bWMf965mWP/ANCpXfQA0/QdN0ua4ms7GC2muJPMmkjjVWmb/ab+KtLavy1zK+PNNuNy6bb6lrjbf+YfZyNH/wB/G2rUi6t4kvPMW18NwWK/wyapqCq3/fuNWo1A6RVXd8tTKv8ADtrl10bxRdL+/wBe0/T1/u6fYtI3/fUjf+y06TwW00i/bPEWvXn95VvFt1/75jVaBHUNtiXc7LEv+022sW68aeHbBmW617TYGX+H7UrN/wB8rVW1+H3hldzPosF43/T8zXDf+RGatyx0ux03/j10+zs1X7vkW8cf/oK0AYa/EbQ7j/j1mvNQb+H7Dp8027/gSrUn/CXXUq/6L4X1qdv+m8Mdurf9/GrpJLqRlVWkZl/3qcvzfNQBzP8AaXiqWRVi8M21sv8Aeu9SX5f+/atTlXxlLu3L4fs1/wB6ab/2Va6aSo93vQIwW0vxRKvz+JrGJf8Ap20n/wCKkpq+F9Wbc0vjDUv+2Frbx/8AsrV0DKy/eb5adHQI59fBC3HzXHiLxBL/ALP25Y//AEFVqT/hXeky/wCtuNXuf+umrXH/AMVXQbflqxCv7ugRyq/DHwz/AB6a0rfxNJeXDf8AoUlWP+Fc+E9y/wDFP2Lf9dFaT/0Jq3mVvMbbRt3L/tUAYa+AfCcX3fDelf8AArONv/Qqmh8G+HYpPl8P6Qv+7Yx//E1rLEy/eWnRxNu3UAZv/CK6Du/5F/Stv/XjD/8AE1IvhfQ/+gLpn/gDH/8AE1pbf4qNreX92gDN/wCEX0Pc3/Ej0r/wBh/+Jo/4Rfw+23/iQ6V/4Aw//E1pbW3UeV91ttAGTN4N8Nyq3/FO6Q3/AG4x/wDxNVf+EA8Ksqq3hvSl2/3bVVrovmRajWL5t1AGGvw58Ksv/IBs1/657l/9Bao2+G3hdflTS/K/653Vwv8A7UrqoV/d/NUMy/N8tAHL/wDCu9HVmZJNVg/656pcL/7NTo/Admu7yNY8QQf7upbv/QlaukaLb96pI1WgDmf+EPuov9R4s1xW/wCmn2eT/wBCjqNvDfiBZFaDxdJLt/hudNjb/wBBZa6RlZ2bbTfmXrQBz8mm+Loo/k1rSJ23f8tNPkj/APQZGpsn/CaKu77PoM/+yt1NH/6FG1dJuZlpsjMq0Acu2s+Jrdts/hlZf+vbUoW/9C21H/wml9F/x8eE9ai/65Rxzf8AoLNXSLu3eZTdu6TczUAc2vxI0lV/f2+q2f8Ae+06bMv/ALLU1v8AEjwzK3l/25ZxN/dkk8tv/Hq3tzL91mqG4ijl/wBbCkqt95ZI1bdQMjt9csb9d1vfWs6/3o5larW75aybrwroN426XQdMlZv4ms41b/x1ar/8K70FV/cWs9n/ANel9NHt/wB1VbbQBvfeo2/LXOt4L8r/AI9fEWtWrf8ATSaOZf8AyItRtpPiKJm8jxJbXP8As32n/wDs0bf+y0COhpG+asGT/hLrdl22uj30f96O6khb/vllqP8A4SDWrf8A4+PCd98v3mtLiGZf/Qt3/jtAG80a/wB2mrEtc/J480+32/bLXUrH+81zp8yqv/Atu2rVn4y0HUpGjt9Ys5ZP7vnLuoA0pLVWbdUbWqtJuZamWVZV3Iysv95WqRfu0AZ81q3zMtQ/Z22/NWo1RstAFWFak+5UjKtNZaAK8zfK1U1iZl3N96rVwuxtrfdp0aqy/K1AFVYpF+apoWbdtapqjmX5d38VA0DUlIrK1P5qkyiKin0zd70wGstNWpG71GtIAZKTatPZabtoAGpu2pGVdtN20wI6KfRQAymVL92m0AFMp/8ADTWpAJzTGb5afSSUwD7y0bPlo/ho/hoASmN3pzUbGoQEVHNP2baay7qGAykao5t0X+7ULSM1ICbbTtlQq21ad5q0rADJSVFIzM1SL92iwx/NMb71R+bUd5qVvZ28lxcTLBDGu6SSRtqqtIomZvlopqssv3Wp3yr96gQylZaduVl3UN3oFoM5ptO5o5oAbUW2pGptADKTbUlN20DE5pP9qlo5oAY/3qKcyUUAdVcXH2W1km8uSXy13bY13M3+6tYq3/iLUW/0XS7XSI/+emrTeZJ/35j/APZmWui2/u2Zajj+6rbapkmL/wAIrdXn/IW8Qalef3oLHbZw/wDjvzf+PVe0/wAH6LpE32iz0u1im/inkj8yRv8AgTbmrSVvmX5atMvy1IDWbcu3c22j7rU5VqT7PuoAb822nL81O8r5amji2rQBCq7Wqbbup2yplXav+zQBXWJmqT5lZVp0bbmpzMyt8y0AEy/3fmpscVTebtqNbpd1AEixL/FTlt1/u1H9qXdUi3G6gljvIqZV+WofNb+Gnec1AibYtC2+2o/NahZWegCaimx/N95amb5VoAaqq1OZKrwt81Okk3fxUASbaWmR7mjZqF3UASKvy0LTo/uio5vlX5aAHbtq01W3VC27bTVba1AFhlptO3Uxv4qAF8r5t1DRbqkj+ZVpsj7aAI/KVaqzRbmVaseb8zbqjkZW+7QALbqy0NAtRxy/N96p6AIGi27ajkt/3e2rTN8tV2uNrfdoAqrEyttq5t+X5ajX963+7U22gDPkVqG2rV5kprW6t/CtAFHc3pTmZlqw1uvzVC0G6gCFrhlZdrNVe602z1Rt15Y215/1826yf+hVM1u26pI1agDl5vAPhuWZmXR4rVv71pJJb/8AotlpzeDY12/Y9a1ix2/w/almX/yIrf8AoVb0yt5zMq0SfLQBzcml+IrP/j3161udv/P9Y7W/76jb/wBlp32/xRb7d+l6ffL/AHrK82t/3zIq/wDoVbHmtL/DR5v92gDF/wCEtkt4915oOtWcf8Un2Xzl/wC+o91Nh8faDcSeW2qRW0n3fLu/3Lf98ttrea6aLa1EzfbI9s6rOrfwzruX/wAeoArx3Vvfw/uJo51/vRsrVDC3lNtas+48EeHZ5GkfR7aKb/npAvkt/wB9R7aqr4PWKTdYaxq+n/7K3H2hf++ZFagDptystVbiX+Faw5ND8SW6/wCi61Z33/X9Z+W3/fUbf+y1H9q8RWsyrdaLBcrt+9Y3it83+7JtoGdFar8tTMu6ub/4S+O3/wCPzS9Vsdv3mns2Zf8AvqPctWLPxlot5IqwapatI3/LPzFVv++WoGbDL/dpvlbactwrf7tN835v71UBG1NWpvl/ho/3qARFRU1Iy7lpXGQsvzUNS0rUwGrTWp/NI1ACUu2m7actADWpuynNTaYBsop26mt3oAZTv4qWm/doASkZttG6hl3UAJRSrQ1AEbLu+WoPsq1c5pm2kBTa32r8rVH9nZqvbKPu0AZ7RstEa/eVqvf7NRsm2mBlzblb5Vryn4papJr3he6a1Xdo8dxDC063Cr5k3nRr93+JV/8AQv8Adr2bbVe60mzv4fJuLG2nj+9tkhVl/wC+agDzXxp431rQ9U1xdL8hrXTdNjuJPPh+7NJIyxx/K3zbl/h/2qsat4t1Sw1bXpn+zNY6LpKzSQtuVpLhlZtu7/dX/wAertL7wvpd/b3Vvc2MEsN15fnLt2+Zt+7uZf7u1azdW8C6TqUepK9vIv8AaCxrcNHMy/6vbt2/3furQI4u81a60nXtPkisbm7XRdBa6vI/tXzL5n3dzN95lWOT+Gt6bx5bxahdTMt59hs9NjvriOOFWXbI25ZN33vlVW3LWlceBbG4mvpPOuljvo44bqDcredGq7VXd95flZv++qz9U8Px6XqGsXCx3V8uvQrZraW0Pyw7YfLX5v4VoFY1Ljxlptq0yzzNF5axtuaP5W8z/V7f727bVe+8faTZ6b9seZmX7Utn5e1t3nN/yzZf4W/3qzY/h7cWun+H5FuI7zVNNmW4m8z5VmZYWjVVb5tu3d8tV18C6pFqGm3TyQXMjaxJq19+82qreX5cax/3tvy/980BsaHiDxpJpum6xeWUdteLZtDDGq3H+skZlVo22/dbcy1e1jxN/Z7aatusV415eR2e1Zvus25mb/gO1q4288A+ItW01rN1j0+4vNcuNSmuY5lk8tVVvJ/8eWGrGn6XqX9oeFdvh+SxW1tbi4kjVV8v7V5axqzMv+9I3975qBpnfLdL96pt2+vHbO31BvDd9ql0upLrkOlzLJGtvJD/AKVJ8vzN/Ftbbt2/dWvSvCegzaDY7brULvULpo41maeTcqsq7floKRuL2ooobvQMNlFNaigDtP4dtCxfL81O27fmoWVfu1T1JJo4lqRajWWmr96pAsLt3U7zhVdd1SNEzf7tAE0LLK3y1My7VpsMflfw1Nt3LQBCrNTt1SeRUnlKtAFdaJN3y7auRqu2hoqAKcjbl2qtQxq3lsxq95X92pI4l27VWgm5VhVamhXdIzfw1YWJV/hob5aAD7P/ALVHkU5Zd33qd5v8K0CIZotlSW8W2pPlb7zUbdv3aAJFXbTvvVGtxt+9Uisv96gA+zj+7R9nH92hrhVojlVqAHNF8tNVadI/92o/N9aAJlX5flo27qbHL8tNa42tQA5ol21Gtruo+1fvNtDXFADvs6r/ABU1ot1C3H8X8NHm71oAdGu1dtQ3FSeatR791AEf2fcu5qPs/wAvzVaWkoAzGt2ikp2/5asN80m7+GnNEu3dtoArq3y1Xk+Zmq95K7ahaLym3UAV1Vl3VYj+ZVqTarfNS0AQTfJ92q7N81YPxO8UXXgvwfda1a2cd99lkjWSCSTy2ZWkVflbb/tVT0vxk1x4ovvDuqWf9mala2a325ZvMhkhZtrMrfLt2t/C1AjrPNprS/NXH2fxE0+80mTWILXVJdDjVm/tJbXdCyr/ABL/ABbf9rbtrU1DxRpuktate30Fst1H5kPmNtaRfvfKtAG0rLUf3qq2upWt5bx3FvdRT28n3ZFb5WqSZttOwyx8tN+T+7UKy/7VO+61ICH7Kv8ADUbWuz7vzVe2/LVeSXa1AFVrVl+9TfKk21aZtzU5WWgDNmVtu1loWJtq7avSKssbVTjbypG3fdoAkjb+Fqjuvu7v7tWNvy1XuG2qy7aAIY7pom3K1Q6hb2urKy3trbXi/wDTzCsn/oVC2/ms237tTeQyrQMwZPBWi/8ALtYtp7f3tPuJIf8Ax1W21Gvh7UIv+PXxFeLt/hu4Y7hf/ZW/8ep194t0+z1abTfMklvIVWSaOCGSbyVb7rSbV+WprPxNpepSQx2uoW08kisyxrMu5tv+zTQFfb4mtWXa2k6gv8X+st2b/wBCWpP7e1K1/wCPjw7fbv8Ap0aO4X/x1t3/AI7Wssv7zbUn3W3UMRgr480mKRVupJdPZv4b63kh/wDQlrWs9ZsdSXda3kF2v96CRZP/AEGryytKu1mbbWPqnhfR7xt1xpdnLJ/z08lVb/vpfmpDNTzVprfNXO/8IrZ/N9lvtTsf+uF8zL/3zJuWpv7G1q3+a38QRyr/AHb6xVv/AB6NloGdAvyrR96udkuPElr8z2On3y/xfZrpoW/75Zf/AGamr4murf5bzQdVg/vNHCtwq/8Aftmp3GdFtpu2ufh8faGzbZdQjs2b+G7Vof8A0Ktaz1azv13W91FOv96ORWouBaZKSl81aNy+lNMCPZRsqRaGqgIWoapGpuzdSAjWlp7L/doZflpAM5o5opGSgBrU371SN92m7floAPu01u9G73oZaAGr/eoahqblqYB/vUNTv96mtUAR7Vpu2pFWo2oAGVdvy1H92pvrTW+agCHZTdtTN/s1H9aBjKTb/FUjNRQMjb+H5qbt20+lagZG3y02pPv0N92gRHRT6KAO1k+69Rx29WFhpaokYsVWFipq/doV1Vd1JgTKqr/DTvlqNWb+GnfepASR/N96po/96q69qmtvvUAOZtrUbtzLup0ke6neWzfw0ANVqkVty077L70Mqqu6nsGw1vu/NUat/tUSfMq06OLbN/s0iCZZVVdrVG1SSbWXb/FUi267VoArrFVqO3+Whl/eKu2rS0AV2iZvurTlib+Kp6WRlVV3UAV1i/eULb7pG/2akZ1Vdy01ZVWTaq/M1AA1qrU2SLatXFX+996o7hl20AN+zq0atR9l3LUiy/L92nRt8tAEMdrtprW7N8tXFahaAM/7Ky/dpv2Vm8z+81aH3W205VWgDNjgbbtb71O27Y9rVcbarU7au7dQBn7dq1DHu3NuWtSRd1Rqiq1AFGSVdtRtK33a0Nq7qhuLf5WkVfmoArr935akVd0fzU2GVfl/utVjyloAq7v7tRyM33aveUv8Py1DNEq/NQBn+ay/LUyy/wB6iSLdR5FAHH/GLQ9S8XfDfVtH0mxkvr68WNVjWRY/uyK33mZf7tcrH4IuPDmta9brp9zLpfiqxaH+0GVprnT5GXb5MjfM3l/NuWvYI4mVVokT5W2/eoEzyv4e+Jrfwv4J03w7rytp+raTa/Y5rSSNm85V+XdH/wA9FZf7u6nabayaT8cLq8uI2trXUNBt4dNaT5drRs3mQr/db5lbbXpUbSRLt3NVXUtNs9Utfs9/axXkP3vLnj3Lu/vUCPFfF1rDceJvihp8UcUujtocN5Mqqu2G+2t8y/3WZV3VJNql5oNvZ+E9eup/7QhvLWTS9UWRo2vrVriNWVmX/loqttZf+BV6tN4V0lvD9xpKafHBptxu86C0/c+Z/vMvzVi614c0/WrfT7e8haf+z7iO6tZ2b95HJG33t3/AdrU7juczZ69HpfxY8UafqOrXUWnx2drJawN80cbSbvMbdt/vL/FVj4Z+N/7R8E3GteINWtfJh1C4s1nbbDGqxyMq/N/tVuab4XmsPHGpeJE1LdJqFvHbtbNb7fLWP5l2srf7VQ/D/wAHzeF9F1LTdSaz1CO61C4vv3a7l/fSeZtZWX+FqNwub1j4g03VFX7HfW1z/wBcJlk/9BqaZVb7rferDvvh34R1GRpLjw3pnnN/y0jt1hb/AL6XbXA6b4Ftf+FieKtNstU1rTLG1hsZLeO01KTavmLIzfe3fxLRYLnqyr81Ob5a4uTwb4itVVrLxlPKqt8seqWMc3y/70fltWb4m1zxx4N8P6hrF4ug6va2MLTN5Ek1rIy/7rKy/wDj1FguegSMsTL822uT+IX9qXnhtZtBkka6juI5JIraby5riFW/eRxt/C1Z8fg3XPFDRt4m8QSxW7fN/ZuibreP/dab/WN/47XQR+A9NXR7XS7CNtFtbWZbiH7J95ZFbdu+bdu3bvm3Ug3MX4b68urWuoSQalPqFqsyqsF3/wAfNq235o5Pl3bt396uum3St/drl2+Gky3Wqag2uXMGtXzQst3bQrHGvkq23dH83mfe+bdTtP8AFVxYX1vpPiOFdP1KT5Ybtf8Aj0vP+ubN/F/0zb5qBnWR7UWobq8ht9vmyLFuZVXc23czfdrn/F3jSz8Lx28LLJealdNttdPtl3TXDf7K/wDs33ay9J8EX2qapDr3itlnvo28y10uNt1tY/3W/wCmkn+1/wB80AV9Hlh8G+OvFn9pyLZw61dR31ndzttjkXy1jaPd/eVl+7/tVm6s1v8A8LI8G3GiW9rOslnqi/M3lxs26NmZW2t/tV6Yy742V9rK33lb7tU7jS7G4ure8ezglurf/Uz+WvmR/wCyrUAcL8P2j03UPH0lxbtB5OsL+7g3TeWrQxttVV/2m/hX+Ku60m8tdZ0+G8splntZl3RyL/FVG18PQ6M2qXmk28st9fSLNNG10y+ZJ93crN91ttHg3Sbjw/4dt7G4ZvMjkkZVZtzKrSMyqzfxNtb71AG0sW2mzLu205ZV/iqTzVoAotEqr8q0fN8q1abbuprfLQMr/dqPzfSrW1WprW60DI5GWWHy32yr/db5qy7jwvod4zNPo9i0jfxLbqrf99LWx5Hy037LtoGc+vg3T4v+PO41Kx/64X0m3/vlty05tD1S3/49fEk7L/dvrOOb/wAeXbW15TLTWVm+7QBj7fFFuy7v7I1Bf4tsklu3/oLLQus61bt+/wDDs8u3+K0uoZv/AGZWrWWVloZqAMWTxpZ2/wDx+W+oWP8A182Mi/8Aj22prXxpod5J5cWrWbSf3WmVW/75rcjZvL+ZmqvcW9veL/pFvBP/ANd41b/0KgB0d5DcKrRSRy/7rbqkVv71Yc3gvw/Pub+x7VGb+KBfLb/x2mt4Ps1+W31DVbNf+md8zL/3y26ncRub1pu/5qw/+Ef1KH/j38RXLL/092sMn/oO2myW/iS3+5daRfL/ANNI5rdv/HWai4G/SNXP/b/EVv8A63Q4Ln/atL5f/airTl8UTL/r9D1eBf732fzP/RbNTGbm2lrnG8daSv8Ar5pbP/r5t5I//Qlq5b+KNHvG/capZy/7KzLuoA1ttRUi3Ec33GVqGb5aVwHNTdtG7a1LSATbTP4akpPuUAR/NRT6KAIG+Wmt92pmWo2XdQNEdFO20MtAyNvvUlP2U3bQAlI1Oak5oAOaKRqKAO8b7tQ/eXdVjbuX5qbHEtUSNj+7tqRYqkVVWnR/epMAWL5qmjt6au3+Jqcsv8NIRIsXzVN92q7S7Pu06OVm+9QK5aXbRuqruZWqRfmXmgCxu+Wq9xulXbU0fyx01fu0CGx7fl3LVhtq/wANRrUkjLtWgCNf92iTdtWhl+X5adGrSx7VoAau5mqbdJU0dqqrU3lL93bQIos8jf7tC+Z93cu2tBYl2/doW3Vm+agLlFlkZf8AgVSRq3mcVe8pad5W37tAXM+TzGahlb+KtDylZvu0eUq9aAKcO5W+b7tTL8y05rf+7UcfzybaBjZFZ1prfKyrViFtzNG38NSNbq1Air83y1YjqbyRQq7aAuV7r/V1XVqvSLuX7tV5Io1+8tArkas1N+826rCrG1N8pf4m+WgLlfc38NOZmapI7df4WpzRUDuZMy7W+X5d1XFl+WiaLe3lrQ1ky0BcN26q9w25qm+ysvzbqh+ztu+agLkcPy/e+9U3nLQ0TL822q/l7Gb5f4qALi1G23dUK7lp38VAAybmprLu+9RvaiRtq0CG7V21XktY5fm21NN/q91NXdt+agRXXT1VWWoZLNv4atXV0sULSbl+X726o49Qt7iFpIJo5FX7zK26gDPuLVl+7u+auJ0e3+z/ABc8WR/3tN0+T/x6Zakuvir/AGtM1v4V0W68RyK21rv/AI97Jf8Aemb73/Ad1cn4f8R69Z/EzWLh7ez8W6hcabDHNbeG5l/0NY5G+VvMZd3+s/8AsaoD1zay1yfxcia4+F/iqPa3/IPmb/vlakk+KFna/wDIS0HxBpX+1c6XIy/99R7lqv4+8dSeDdU0OSe3iudB1BZFum8tvMtV2r+8b+9H+8XdQM6azbzrO3b+9Grf+O1a3bV+VqzbXWWuvEk2mpao1utnHeR3cc25WVmZV+X/AIC1azRRyL8u2pGN+1Ky/dqrqVhZ69p8ljf26XlnN96ORdy//tVJ9l3fxbajkgZVXa38VAHjfw9+H2oNda1rlh4klg1BtQurHdqFqt5thhmZY1WRmVlXav8AerspF8eabuVW8P61H/e8yazk/wDHty0fDfdFD4mhX7sPiK+Xb/vSbv8A2ausmZv+A09wOL1jVr7VPiRp/h1byXT7GPS21KZrbb50zeYsax7m+6q/eqr4qv8AXPB62s39pQXVjdapa2ateRrujjk+Vt23b8yt/FXRa14cj1a8s76K4k0/VLPctvcqu75W+9Gy/wAS1j+MPCeqeI9Ntbd76zvJI9Qt76SOSFoY9sLbvLVfm3bv9qkMvWfiaZvH0mgrbxtCun/2h9pWb+HzPL27f/sq6qSLzF+WuFtfDMlh8TodWs9Lis9NbSWs5Jbby1XzvM8zcyr/ALPy7tta3gvUrhNS17Tby4uZ/stxG1u13tZmhaP5W3L8rKzK1AG81qy1H5Tf3a0PvNR8q0AZcm5aN3y7Wq8yq1R/ZY/7tAFeNqdu/wC+qm+yr/C1NktWoGN3LQsvzLUPkyKzUKu7+GgLlj5d1NbvULbqFZv4qBknlLUbRLt+7RG2ynK3zfNQMGX5ar+T81XG+7VeRtslADfs7U2RdtTKzNQ1AFP/AHqdtapvlZv9qnL93bQBXTd3pP4qsstN2LQBD9ok2/eaqt1YWt+u26s7a5/67wq3/oVXGWiNVoAwZPB/h9pN39j20Df9OytD/wCg7ah/4RCxib9xdanbf9c9Qkb/ANCZq6Jov7tQyRNQBjr4cvl/49/EWoL/ALM8cM3/ALLUf9l+IImZl1qznb+7PYsv/oMlb0dRzRfNQBir/wAJNE3MekTr/eWaSP8A9lamtqmvKv73QWbb/wA+15C3/oTLW1ubd/s01tzUAYsfiO6Vts+g6vE3+zCsn/oLNTm8ZWcX/HxHfWv/AF3sZl/9lraWnKzfd3UAYa+PNBb5W1S2ib7u2RvLb/x6rkOuWN1/qLy3l/3Zlq5ceXN/rVWX/rou6s280bTdQZvP02xn3fL81rH/APE0AXlb5vl2t/wKnNu3VgyeD9B+VV0mCLb93y90f/oLUf8ACJaaq/upNQg/2o9Qm/8AiqBm9upqrWDH4Z2tuTWtXi/7bRt/6FHViz0a+tbpZG165ubdfvQTwx/N/wACVaBmsy0KtOVf71LQBE1FObvRQB333V3VH9oWpJF/d1XhiZv4dq1RI5m3NU0e5VojtamWL5dtAivH8zf7VWvKZVX5adDb7fmqxSsIqtFtZd1WIbepNtSLSENWJd1SbKF+apF3baAKe5vMb5aatxtaNWX5Wb71WvK+9Qtqu3bQBDcf6z5PvVJD/wAe+3+KrEcSqtS7VoAgX5Y9u2ixib5mb7rVYZf4qctAEtKtR7tvy1G11bxL89xEn+9JQJlnmis648QaXbxszalaqq/3plWsVviN4dhk2y61p8X+9dR//FUEnXKy05du35a4lvih4VTb/wAVBpv/AIFLTV+LHhVY9q65Ztu+bb5lAHcKy/N81OZvlrg4/il4XWRWTWINrf7Mjf8AstO/4W54bb72pLt/2YZP/iaBncM3y1X+z/vmkVq4tvir4blt9sepNt/i/wBHm/8AiauW/wAUvCsUKr/am35f+feb/wCJoHc6yGLbuZvvNUy1yP8AwtXwvt/5Cir/AL0Mn/xNOX4q+E9v/Iatl/3lZf8A2WgR1m2hvu1yq/FXwju2t4g09W/2plWpIfiX4Tlb5fEWmN/29R//ABVAjpGbatV5GWVay28ZeH7jdt1zTWX/AGbyP/4qpo9c0tl41K1Zf9m4VqALDbvOX5flqZttx8rU37RbyruSRW/3Woj27fm27W+7QBVul+yyKwZvmp0O6WNm3VaW3Vm+ao2t1Xdtb5f7tAEdn83zfxVab5ajhiWJdq0+gBn3qbtqfmmfdoAa33ahaJamZlqNmoGQsqtR5SqtSbabsoGV1gWiaJWWp/4qZJQBVZfNVlqNlby9tXNtRstAjyv42W9w2k+HYZd39iza5ax6ptb71uzN8rf7O7bUPxAWHwXr3g/UtGtY7NrzVo9Lura0jWOO4hkVv4V/iVl3K1epX1hb39nNa3UMc9vMvlyRyLuWRf7tY9r4I0m11K1vlhnnuLPd9l+13Uky2+7+KNWb5W2/xUCOd1z4cw+KNUkm1fVtSudN+VY9Ggk+z2y/9dNvzSf99V0Wj6Hp/h/T1sdLsbbT7OP7sdtGqrWw0S03y6aKRTWVk+6zf99VzviDSbrUte0eZbOK8sYVuI7rzJF+ZZI9u3a33lrqGtVWo2t6GM878L+CL7wzr2sWLzSXPh2SxW309vM/eQx+ZJuhZl+b5d3yt/dqx/wrRbVVXTfE3iHTF/u/bFul/wC+Zlb/ANCruGt6ay7aQHEt4f8AGVg3+h+KrG+j3fLHqWl+Wzf8Cjb/ANlpzX/jzT5F83w3pmpr/e0/UvL/APHZFX/0Ku2271+am7apCZ4v4D8dSaTdeLF1Hw7rUDNr1xNI0Fm1wsLMsbbWaPd83/xVd1o/j7w74jvFsbO+X+0G3N9kkVo5Pl+98rKrVX8A/uvE3jxV+Xbrm7/vq3hrsJv3rbjtZv7zfeWmI4nR/GVxcN4sW403/kA3DQt5E27zv3ayblVtu35W/vVqeHdZh8UaPY6tawyxWt9CtxGs6qrbW/3a5OHwbcN4k8fX17Y30EOoSLNZyWl037xVt1jZdsbf3l+6y/xVvfCO1mtfhr4btbqGS2vLWxjt5oJ1ZWjkVdrKytUsZ0X2Xa27buX+61U7HRrXSVaOys4rONm3MsEe3dWx9yiP71CGUVZlanbverjRLuqPyV/u0wKLN96nLdbW27asSWq7WqH7HSsA2S4/u07zfl/vU2S1b7q/dqH7OytSAsK26PdRD0qH7v3qmh6UADKrVHJF8tRySsrbvvU77R8tAxq29N21IstN3fNQMcv3aryKzNVj5d1C7d1AyvuZlqPb/DVxttN8pd1AFX7rUbm9KsNF/s0bV9aAK6y7qGlVam8pdtQtb0ANZ91N83a1SeXUbW7bqAJFanMtQqvlNU27dQBG3y1G1Ok3bqZzQAir81G1fWmstG6gA201VoaWiOXdQASRbqha3/u1MzfNtpu6gCv5TU1omq5uWnMvy0AZvzU6Pduqx5SrTdq7qBkm3atLzSb/AJaG+agBvy0UblWigZ6DSr96lpVqzO45Vpy0bf4qw9Q8caDo0nk3msWqzfw20cnmTN/wFfmoA36lVa5X/hMLq8Zf7J8M6vqEbL8s88a2cf8A31Iyt/47Uit42v8Ab+50PQ423f6ySS8kX/gK7V/8epCOp5pdyrHuZtsf95vu1ysfhLVLpt2peLtSl/vR6bDDar/6CzVMvw38Nyybr21udXb/AKiV5Ncf+Os23/x2pA0L7xloOk/8fmtafbN/dkuF3VRX4naDcfLZSXmqt/1D7Gab/wAeVa2tP8P6Po3zWGj6fY/7UFrGrf8AoNaUN40u79422gDlV8YaldfNZ+D9enX+FrmOO1X/AMiNUi3/AIwuPu+H9Psf9q71RW/8djVq6paG+78tAHL/AGPxpdN/yEPD+nq3/PK3uLhl/wDHlp3/AAi/iKVl8/xky/8AXppca/8AoTNXQR/M1WG+X7tAHMt4Fml/1/izxDL/ALMckMP/AKDHTl+HOlyqyz6hr15/101ab/2VlrotzelOjbbu20Ac7D8LfC6ybpdPluW/6e764k3f99SVIvw38JrMzf8ACN6azN/z0h8z/wBCreZt1DbvloEzNXwL4Zt1/ceHdIib+FlsY/8A4mpo/DmmrtVNPsVVf7trGv8A7LWg27bTvm3LQSV4dLhVl2wxLt/uxrVxdyt8sjK3+zTo1pskTeZ8tADmaRmXdNJ/31TlVtv+uk+X/aqNl2su6rHlfu6AGrcNFH5aySf99U6O8mi+7JJ/31Vfym/ho2tuoAsLqVw6tvmk3f71OjvJm+9M23/equ0Xy0KrbVanYC1JKzLtZty/7VV5LW3lj+a3gl/3oVpu1t3zbqdu+VqNgKsmk6XK3z6Xp8v/AF0s42/9lqnceC/Dd5/r/Dejy/72nw//ABNaTd6mX7tG4HNt8N/CMv3vDOlbv9m1Vf8A0GoZvhb4TlXb/YcUW37vlzTR/wDoLV0UnytTdzbvmpAc6vw30OJdsTarbL939xq10v8A7UqNfhzbp/qPEHiOD/uJeZ/6MVq6b7y/eq0q/wB2gDkf+EIvol/ceMtaVv8AppDayf8AtOm/8I54mi/1Xi6Jv+vnSVb/ANBkWuokZlaoZN1AHM/Y/Glv8q6poN5/tSWs0Lf+Os1RyXXjS3/5hOj3i/8ATtqTK3/kSGuo3fNTWloA5dvEHiK3/wBf4PvG/wCvS8t5v/ai05vGklrt+2eG/EFsrfxNp7SKv/fvdXUeb/s1G0u2gDl2+JegxbftV1LY7vmX7XazQ/8AoSrVi1+IPhe/ZY7fxBpssjfwrdLu/wDQq6L7VN93zG2/7TVVvLCx1KPbdWNrc/8AXe3jk/8AQloKQ2G/tbhd0E0cqt/ErbqkkZawbj4c+E7htz+HdPWT+9BD5Lf+Q9tQ/wDCu9Hibda3Gr2P/Xtqk3/oMjMtAHSbabtrn18H3lu3+i+LtYiX+7cx29x/7TVqhbSfF1vu8rXtKvlX+G70+SFm/wCBLI1AjpGX5aaq7a537V4wtY/n0fStQZf+fTUGj3f8BkjX/wBCpv8AwlurW7bb3wjq8X+1beTcf+i5GoEdE1NauZm+I2j2q/6f9u0pv+ohYzW//jzLtq1Y+NfD+qNttdasZ2/ux3C1QzYZaZT45VlX5GVv+BU1qBjWX5ahZKs80xqAK/3az9c1a18P6PfatfyeRY2cLXE0n91VrQkrF8aeF18ZeDda0N5vI/tC1kt1k/ut/C3/AH1toEYNj4ma3t4dWn8M3Wnw6tNCzT7o2Zmk2xxtMqtuX5dtXP8AhP8AQWmkVb5Wjjm+ztP5cnkLJu27fM27d3/Aqj0XWbz+zbXS9S0PUINWjjW3kVbdmhb+HzFm/wBXt/i+9/49XH+DfsPhX4R3nhfxHJHbXGm291b3UE7bfOVmkZZF/vKysrLQI9UaVYl3Myqv95mo3K3zM1eJ+D7XVLzWPhvZ+KoWnt/+Edmmjgu13K14rL/rFb70iwt/F/tVqaxdSaH4i8ZaDpzS21mvh1tYtfIkZfsdwvmLtj/uq21W2/d+9SY0z1hvvU5e1eP2/jy6bSfh2tlq0/2rUrizt777Xa/NIske5m+ZV/i/u/3q9gp2GNak5p9NZaBkbfNTdvzVLzUTL/doAP4abt3VJ91aaq0ARslCxfLUki1HlqVgIZLdXqOS3Vv9mrC7t1O2/wB6kBV+zstRyRMtX+ahm+7QMzm3NTY2bzKueVuqP7L826gY2SXb96hWbb96nNb/ADK1OWL+9QMj3f3qb5tWPs/tVWSLa1AEm5WoZttNWKpJF+WgA3L6U35WprRNtqNt38NAEnys1O21XXd96nM22gCTarVG0S7t1Cyfw03dQAMqtTWt121JG3zUSNsWgCu1vR9n8r7tTbqc23bQBT+ztTfKarDNtWm7qAKrKytVmlVvmoWgCrMreZTVX5quNUbKtADflpu6pNlGygCNlVqKcy0UDO8uGa3t5GWNp2VWZY1+83+zXO/8VZqy/K2m+HIWX/avLn/2WNf/AB6uqkX5fl+9VOTzv3ixR+fMqttj3bdzf3d1aGZh/wDCAafdLu1e+1LXpP4lvrplhb/tjHtWtzR9NsdFj8vTdPtbGNf4baFY/wD0GvEbP4++ItZ/4R2+0/Q7FbPVNak0f+z2kaS7/d/ek3fd21z/AMVPEc154X8eLb6tqbXGn+JrG32yfuVt1ZlXy49rfMu3c1Im59NLdfxN96o9U1ldL0W+1BrWe5W1habyLaPdJJtX7qr/AHq8j/4WJ4k8QePtQs/D9qs+n6Hq1vY3ytGvzRsv7yZpN3y7fuqv+zXn8fijXri3+Iml+KGvl1RdFvry3vo7pmspofM/dyR7fu7flVdv3qVrhc9eX4vMvjLwno8ujy20evafJqHn3Mm1rVY1ZmVo9v3vu13mi65p/iCzW80+6jvLVm2rPH91v93+9Xy3q2h+IvFFx8Mf+EcuJ4tQj8HzLJfeW0yxySRt8rN/CzbdvzV9IfC+81TUvBemtrWgy+HtUhjWGaxkj2r8vy7o/wDZb+7RYLnUSK0q7Up1vEyr92rSrt6VIq/NSsO42Nd1OaDdUmz5qWkFyJbf5akWGpNvy/do+tAXGrbrup32f2p0kqxKzSMqqv8Aeas+68TaTZ/6/VLGL/euI1/9moC5ofZ1b+GpFiX+7XNzfEjwrat+98RaYn/b0rVX/wCFteEWbbFrUE7f3YFaT/0FaBHYNEtLtWuOb4q6Du+T+0ZV/wCmel3Df+06d/wsizl2+Ro/iGfd93botx/8TQI7D5dtO2LXI/8ACeTfdTwr4ml/i+XTWX/0Jqk/4TLUGX5fBviP/gVrGv8A7Up2A6rbTlWuR/4TLWv4fA/iBl/2lt1/9rVI3i7Xv4fA+sf9/rX/AOPUWA6pVVaGVa5FfF3iJv8AmQ9X/wDAq1/+PU5fFXiBflbwLq//AIEWv/x6mB1yrRtrk18Xa4q/N4J1j/v5at/7Wpy+MNW/i8E65/wH7O3/ALWoA6pVVPvU3au6uVXxvqH8Xg3xD/wG3hb/ANqUf8J5cK3z+EfFEX/cN3f+gtTA6ryV/u0Ku2uVb4jQxf63QfEcX+9o9w3/ALLULfFDSYv9ba6vB/100m6X/wBp0AdZJbqzfdWm/ZV3fdrlZPi14XiXdLqEkC/9N7WZf/QlqSP4teD5VX/iorFN3/PSby2/8eqAOma3X+6tCqqrtWsGP4ieF7pv3XiLTG/7fI//AIqtC317T7r5otQtpV/6ZzK1AFpolZvmqOS3/u05bqO4+5Irf7tObdu+781UBXa32/d/hqNrfctWvudaNu5d38NArlL7K1RNayfNurT5qKlYZnsrbqbtrQkpu2iwyrt/d1C3y1o81FNFupAZ+5qGZlarS267abJFuoEV/NqNm+arTW/3dtV5oW3U9gHfaGX7kjL/ALrVn32k6bqist7ptnfK3/Pe3jk/9CWrCq33Wp0cXy0wOdk+G/hf70WjxWLf3tPmktf/AEWy1DJ4DVf+PLxBrlj/ALLXS3C/+Rlauqk+7VdWbbu3UDOb/sHxNar/AKL4mt7lV+6uoabt/wDHo5F/9BqOSXxhZ/fsdI1Nf71tfSQt/wB8yR/+zV1H2jdULS7lalce5ycni3Urdl+2+F9Vg/2rZY7pf/IbM3/jtQx/EjRVm23lxLp7f3dQt5Lf/wBGKtdhHH5tOWJol2rI2371FwsYen+KNL1b/jw1C2vP7ywTK3/oNXpreG/WOSe3inaP/VtJGrMv+7uqjfeDdDv2/wBM0XT7lvvbpLWPd/31tqnH8O9HtV/0Nb7Sv+vHUJo1/wC+dzL/AOO0wNDVtGs9chjhvYfN8uTzI23bZI5P7ysvzK1ZreBdLWz1aGHz4rjVIWt7q+kk865Zdu3bub+FdzfLTm8Jala7fsXizUF2/wDLO+t4bhf/AB1Vb/x6m/Y/F1q25LjRdTX+6yzWrf8AtSgZk6h8ObiXw/4X0uy1SPboN5b3UbXcLfvFhXaq/K3y/L/FXabW2ru+9XPtrniCz/4+vC88qr95tPvIZv8Ax1mVv/Hajbx9p9v/AMf9rqekbfvfbtPmVf8Avrbt/wDHqYHRN3prVk2PjLQdUbba6xYzyf3VuF3f981rK277u3b/AHqQCUjU5v8AZpv8XzUAG6mfxVKy03bQBGy/NRsqbYtRtQBGy07b/eoobvQBHtoZKdtqO4bav3akCFtu6nK1Qtu3M1Fv81Ayw3zVXZmWT5vu0Rs3mNTZom+VmoC47zWl+7TWibdViNV27qc3egZT3eV8rVMrKy/LRIqstV5N1v8AdoGTN3pu2o45W/iWnNL/AL1AB5W2hl+Wm+dQzfLQA3yVprRLRuoZvmoAPJ+XdTWXdTlbd8tSN8tAEPl01ov3dTN3o+9TsBR2NQy1c27fu0Mu771ICj8ytQzVaZabJEtAFVmZlpq7t1WPKWm+VQAtMqRV3UNQA37y0U2inYD0Wq0ira+ZcSyKscatIzN/CtWaVfm+WtNDNnyT4J+EeqeKvCugx2Wj3mka1D4gmvpvEE6yQ+TZ7t21d33t391a9M1D9n/UvEbeMI7/AFS10+x17XIdUXyI2mmjWH7q/wAK/wB2vXNY8UaToMfmatq1tZ/3Vnk+asX/AIWFDef8gTRdX1/d92SC1aOD/v5JtWkySvY/CDw7Z+MrzxNF9sW8vJFuLi0W422kkyr8sjR/3qteCfhvZ+D77xBcJHbSw6pcRtDbLH5i28Ma/d3N/eZt237u6plbxpqX3bHR9Bjb/n5uGupP++Y1Vf8Ax6nN4P1a/Vl1DxhqTMzfd0u3js1/76+Zv/HqQzrN3lQ7mZYoV/4Cq1h6h4+8M6Xu+1a9p8Ui/wAP2hWb/vlfmqjH8L/DO7dcafLqsn97VLqa6/8AHWbb/wCO10FnZ6ToMara2en6Yvyxr5EMcPzfwr8tAGLH8SNPvFVdN0/WNVZv4rTTZmX/AL6ZVWpP+Em8SXS/6H4LvIlb7smoXUMK/wDfKszV1nmtK3zSM3+9TlpCOTjXx1dN/qdB0xf70k01w3/fKqtSR+H/ABZdf8fXi61tv9nT9J/9mkkb/wBBrrI/uipFWkwOT/4QG4uFZr7xd4gnZv8AnhJDbr/47HUK/DfR2k23U2r321fvXOsXDf8AoLLXXTbty/3ajWFmkZtvy0hnN2vw08Kq3y+H7OX/AGp/Mm/9CZqvWfgjw7ps22Lw7pEW7+7Yx/8AxNb0MTKvy1Itq3meY1ABa2Frar+4s7WD/rnbqv8A7LVxWb5drbf92mr8q0bvegQTXEiru8yT/vqq8N1um8tt26i4bcrbPmao7VdrK23/AIFTQGh8396jb/epu5WqRaYAv92jaytR92nfL/FQAbKFXbUm7+7TWpXAWmbKcrUtFwIlXc1OZabJ8qsy1H9q/crI33aYEy7vuq1DNJu/1jf99VCtwu75aat1uZlWmBa+0TN8rSSbf7u6q8yqzfMqt/vLTftSrQ11Gy7qgDNutL026kb7RpdjO396S1jb/wBlrDm8A+GWVmfwzpDf9uMf/wATXUbVaSpPsvysu75WpoDiY/hV4RaPcug20DMv/Ls0kP8A6Cy1VuvhzoNrI0cS6lbL97/RtWul/wDald4tvtX5ahazVmZm+ZmpiZxv/Cvls4Va38SeI4GX/qILJ/6MVqcvgfWF/eW/jTUl/wCvmzt5P/QVWuua3Zl2s3y1YX7u1aBHGtofjK3VfK8UaZc/9fOksv8A6DNTmi8cWu3avhzUP92a4t2/8eVq7Bl+WoqCjkG1nxhbyf6T4Ttrlf71jqkbf+jFWo5PGmpWq/6X4P16Bv4mgjjuF/8AIcjV2XFDLu+7TA4mb4oaTa7fttvqumL/ANPem3Ee3/gW2pLf4peE7z5U8Rafu/uyXCq3/fLV2EbMv/LRv++qq3lrb36st1bwXK/9N41k/wDQqTQFG11mxv13Wt5BP/1zkVquL81Yt58PvC9426fw3pTSf3ltVjb/AL6XbVFvhf4fVW+zrqFi3/TpqVxHt/4Du20AdQ33d396o/l21yv/AAgdxb7Vs/F2vQbfurM0Nwv/AI9Hu/8AHqbJoPi61jXyfFFjeMv8N9pe3d/wKOT/ANlpgdNtXdQyVy/2rxpZ/e03RdQ/64X0kLf98tHt/wDHqb/wlGvWu5bzwbqX+9Y3ENwv/jsm7/x2gDpmWoWtVVflrmW+Jem2v/IRs9V0r5tv+l6bMq/99bdtWrP4h+GdSk22+uWLSf3WmVW/75akBrfZ9v3aatu21lqaG8t7pfMgmjlX+8rVLzSsMqRxeV8rU6T/AGadM23/AHaj+0Lt+WkMr3X7pdy1Mv8Aq6jk3XC/dojlXbtZqaGDLupKl2U2T5aYELL81Csy/dZk/wB1qkZKbtpXAz9Q0TTdUjaO902zvlb/AJ+bdZP/AEJax5Ph34f2/wCj2MumN/e026mt/wDx1W210zfNTW+Wi4HL/wDCG3Uf/Hn4o1WD+6tysNwv/jy7v/Hqa1h4stW+TUtI1BV2/wCvt5Ldm/75aRf/AB2uoVd1O20XA5ddW8SW7N9o8Nrcx/3tP1COT/x2Ty6jbxlHa/Ne6Tq+nqv3mnsZGVf+BR7lrqJF+WmruVvlbZTA5u18feG7yRo01qzWT/nnLN5bf98t81bUN1DcRqyTRyr/AHlbdVi8tYb+PbdQxXK/3Z41k/8AQqwZvh94ZlkZv7Ds4JG/5aWitbt/5D20AbTLTf4awZvBFqq/6Fq2tWLf7N80y/8AfMm6hvD+uRL/AKP4oaVf7uoafHJ/49G0dAG8vamyKrL81c7/AMVdasy/8SXUP+BTW7N/47JUcfiDxBF/x9eFZ23fxWN5DN/6EytSYHReSKatuv8ADXPt43jtflvdJ1fT/wDrpp8jL/31GrLUln8RPDc7bf7YtYm/uzyeW3/j22kBvRxLFUc/3aba6tY367re8gnX+Hy5FaiRvNZlX+GgCRV+Wl/hqJVba3zUN5n8NAw2fNUM3zfLUyu3+9VeTd5lAXJFVWomX5abGyqvzUNLuoGNjX5ac0S/w0Rt8v8AtU5VoGQtFTfJarDd6ZQBAsbLJu/hqfmlWkqgE20lO5o5oAibvTKfso/ipMBlI1OajbQgGUypeabVARbaGpzLRsoAjaihqKQHoF0s32Wb7P5f2ja3l+Z93d/tVzLeDdQ1T5tb8TX1yv8Az7aWv2OH/d3fNI3/AH1XW0yaLzIZI/MaDcu3zI/vL/tLVGRk6H4N0Pw/J5lhpNtBcN/y8svmSf8AfxtzVe0vXtP17zv7O1CDUPs7eXI0EnmLG392vnn4d+N/EUWreJvBOt6tc6hq2rQw3Wl3cnzN5My/vNv+7GzN/wABaud8B+Lbrwb+z3psdk32O1vPF0mn3E/meW0duzLu/efw/Ku3dQI+nvEXi3S/CraXHqV0sEmpXS2duu5fmb+Jv91f4mrmbH4sWtrceKJtWvNN/s/T9Sh0+xXTZvtE0jSfKqyKv3ZGb+H/AGWryvxBocml+IPhXdXt03iq3tdeulkuY42ulWFtrRw7m/1m3+9/s1Yj+FuoeKJviZa3/hfUJ9N1jxBDdW7fLbyLGqyfvo938St/D/tUWA7rWvHlvq3xG+HNrHca5Yw6lNebbZY1hjuGj+Vlm3Nu+Xb/AHf4q8Z0HXPsvw30eS8s49ajk+IElvt1CaRmj+barfK3zbVX7tepeG/gj4ksrr4a3l/rVtPceF1upJGu2kkkk8xvlj+X+6v8VaGi/s3afa+G7PSdR166vFt9YbXFa0hWH/SG/h3Nu+Vf92nogOB+KXxY8caXqnxQjstejsbfwrdWv2eOCzj3TLMy/KzNu+X5q+otPla60+zmbbumhjkb/eZVauJuPgr4R1K+166v9Pl1ObXJo5tQ+03DbZmj+78q7V+Wu4tYo7O3jt4o1ihhVY41/uqvyrSYFhe1SK396mrTlSpANu5vmqSoZLhVt/OjZWVl3Ky/dZa5vxN46j8OXnh21axln/tq+WxWRWXbCzLu+b/x7/vmpKR10f3qkrNmvFit5JpZI4FjXczM23av95qy9Q8TN9h02bTbzTP9Ivo7dmu5tqsu75lj2/ek/urSBnQNL5TfNTY907f3Vry/Rfi5Z2viDxRpfi3VNM0qbT9WXT7Nd3l+YrRq25tzf7Vdp4k+IOg+C/l1e++zeXH503lxtN5Mf/PSTarbV/2mpknSR26xVIqq33lrh9Y+M3hXQ766s2urm+vLe1W+aDT7WSZvJb7rLtX5l/2qval8TtJs9PtdQt4bzVbG4sV1JZ7G33Ktv/eZm27f4v8AvmnsB0k1r/FHuWiOVlbay/NXEx/GTS7rR9LvrPS9VuW1K1mvLe2+zrHI0Mf3pG3Mqqv935vm3VDJ8ZNLZvCM1lp+pahH4mhkk0/7Nbr821dzK25l+b5aYHoElwyru8tm/wB2mrK237rV5q37QFjFo91qkvhvWIrXTb77Dq0jRx7bGTzPL+b95833l+7urcvPFWm2fxQ1CxvI9QtLqx0P7ZJcyXH+hNb+d8zeXu+9u3fNt/hoFc6xbpt21Y2apllba37tlrxPWvF954g8afCvULWz1DT9J1LVmaGdrhVW6h8lmXzIVb5d21WXd/DXYXnxm0+z0e617+zbq58L2t41jdatG0bLGyyeW0ix7tzRq3y7qVgud0srf3Wqwv3a4PVtebwf8SvDtutw0+i+KvOt/L3blhuo18yOSP8AurIu5WX7v8VdpqETalptxb2t59mmkXas8aqzR/7Sr/eosFyaRW2t8tZskW2FfvV5/wDCfXo5fiJ400G18SX2q6bYw28kNpq0m65jmbd5jR7lVmj+7/wKu28bWfnaPJcT+ILnw5Y26tJcXdoq+Z/s/Mytt/753UwuXvs7M3y/Lu/iqaO127q434H+ILzxR8N9L1C/1aLWriSSZVu12q0kayMsfmKv3ZNu3ctdN4g8VWPh6aztZ/Pnvrzd9ntLSFpppNv3mWNf4V/vfdoC5MqqkzbqI4tszM33f4a8j8G/EqbVPh3calrnihdMuP8AhJptNt9Qn0/7yrMqrD5Kr8rMu5fm+7Xeax8WPBug6hqFjf69Z2dxp7Kt1BIzbod3975aW4XN6Zla4j21cVflrD0vxl4b1bWG0vTdY0+81Ly/tH2aGZWk8v8AvVoWviPSbjVJNNi1Szl1KP5mtFmVpF/vfL96gLluoGrBj8b2viPQ9WvvDPka5cWNxJa+WsyxrJJGy7tsn3dvzfe/2ajm8aRxfEJfCb2MqySaa2pR3zSL5cirIsbKq/e3bm/8dpiNpd3nSf3amjrD8QeKrHwlptxqWpebFaqyr+7haRmZvlVVVfmZqz/C/wATtB8Zaldabps1z9ut4ftEkF3ZyQsse7bu+ZVoA6/momX5qjW69ajvNSs7C3+0XV1BbQ/d8yeRY13f7zUDuSbaa1OZv71RrLTGPpjd6czLTVbd92gBrL8tRfxVK1Rq1IBrRLTdu6pGfdTf4aVwIWWmstSNTWouA2PdE3ysy/7rVVvrC11KPy7y1t7tf7tzCsn/AKFU9Izfw0wOZk+GnheWZpF0O1gk+9utN1u3/kNlqrJ8ObWJf9C1rXtMbd/yw1BpF/75mVq677tH+1QBx7eGfEVqv+h+LpJ/9nUtNjk3f8CjaOqcbeMrWRt1roOp/wB3y7ia3Zv++o2Wu2kX+7VGNf3jfxfNQM53/hJtetdv2zwffN/Du0+4huF/9CVv/Hap3XxA0u3/AOP+31LSm/iW+sZo/wDx7btruf4aTcy/dZloC5yui+OtD1ZvLtdasbltv3VuF3VvLKsq7kZWX+9VPUND03VpmW/02zvN33vPt42/9CWsuT4aeG2+aDTW0+T+9p9xNb/+i2VaAudBup33q5lvAc1qv+heKNYs/wC6sjR3C/8AkRd3/j1N/svxdat+417TNQX+Fb6xkh/8eVm/9BpWGdM1NaubXUvFlmv+keHbO82/xafqC7v++ZFWmt42ki/4/wDw7rVj/tfY2uF/76h3UWGdJTW3VzsPxJ8MyyLG+sW1tM3/ACzu/wDR2/75k21tWupWt+qtb3EVyv8AegbctICfmk207/a+Wl/ipoBjU3bUjVG1MBu35qGWl/ipWagCu0X7z5qh8pt27bVmigClIsjNuXcu2m3H+lKquqy7f4ZF3VdpFiqQOdvPBfh+8j+fQdNZt27ctqqt/wB9L81Rr8PtFi/4947yxb/p01C4X/x3dtrpGVa81+O3jLVvAfgtda0i4jimjvIbeRZ4VkjZZG+9/e3UAdI3hW4ib/Q/E2sQL/dn8m4X/wAej3f+PU5tI8SRblg16xnX/p709lb/AMhyf+y1zug/EG8l+KF54LvPst80enrqEOoWPy7V3f6uRdzfN/wKvQ+aAOaX/hLLfdutdFvP926mh3f99RtTW1TxBEu6Xwvct/16XlvJ/wChMtdRtpv36AOVbxUsTN9o0XWoNv3m/s+ST/0XuqNvHmgq22W++xt/09wyQ/8AoS11y/eo82RflWRl/wCBUDOXs/FWi3jbbfVrOdv9m4Vq2obiOVflZWpt9oem6ku260+zuf4v39vG3/oS1z9x4B8NysytodnE396CNof/AEHbQM6Siubt/A+mqv7mbU7Zl+75GpTf+gszLU3/AAitwv8AqvEWrr/108mb/wBCjqhm5/vU379Yv9ja8v3fEkUv/Xzpqt/6DItR/Z/FESsyTaLO3+0s0O7/ANCoA3m+Wj+KsOO48TRf63SdPn/utBqH3v8AvqNaj/tvWIv9f4ZvP+2Fxbyf+1KAN+mVg/8ACW+V/r9D1qD/ALcWk/8AQd1EnjrSYm23DXVm3/TzYzR/+y0Abzd6ZWEvj7w63zf21Yqv/TSZV/8AQqvW/iPSbzb5OpWc7N/zzuFagC/SN92mx3Ecq7kkVl/2aN1ABuoak/ip1AEDUVIy0UAeiKlNuty2s3lR+bJ5bbV3bdzf71Sbflpyp/DTRicHofw3jW88P61f+VF4i0vSW0vz7b5lVW2/N838Sru/76arXhv4QeF/Dnhm48OxWLahpNxN9omttSk85Wk/vbf4a2vDuuSeI2uLqzhj/sdZGt4Z2ZmkuGVtrSKv8Me7cv8AtVT1bVPtnjTS/DqNIqrbyapebfl/dxsqxx/7rSN83+7TA6Sxhh02GO1tY4raGNdsdtAu1Y1/2VX7q1Hq2rWuh6bNfXs3kWsP3m+825vuqq/xM392vP7PwDZ2HxQ0PULBp/7Stbe4utYvmkb/AEpZF2xxsv3fvNuVf4Vjo+JFrNr3xG8A6K+oT6ZZst9fefAq7vtEcarHt3bl3LuZqAPRtNuJry1jmntZbGRv+WE+3zF/3ttcXY+JvE3iDxx4q8P2U2laUuirbyLcyQyXDTecrMu5dy7fu1T8B3Hj7WfB+nyRX2lSst1dQtqWqRs0lxDHMyxyKsfytuVW+ao/D95faX8VPiBfReH9X1CG++wx2bQWrLHM0MbLJ+8b5VXd/FS2Az4fiq154Z8QWfiuG60zVNF1iHS7yTw+3yyMzK0ckbN91W/i3VueMPjFeaDdeLobDw3PfN4ZhjuryS5ulhjaNlZt0f8AE33azbz4R6xeeB9cjK2LeKPEGsW+rX26bbDbrHIrLCrbfm2qu3/eatrWPhbq2uXnjxp9UsbOHxVaw2rLHDJM1uscbL/Ft3feagCndfFzVND1bVo9Z0m2gs4/D7eILOO2uGkm8tW2+XJ8u3d838NZ+oap48uNB1i6vbqPT9JutBmvIZI1hjuYbpY/M2w7Wk3R7f4m+au0j+FVrda1Dq2rahJqTLo/9iyWn2dY4ZrdvvbvmZt3/AqteFfhP4d8H2txb2sd5fQzW7Wfl6pdNcLDbt96GPd91aQrnl/gu/muG+H/AIRutS1D+zb7w39ukkW48uS4kVY1WFWVV+VVZm2/e+7XM69q3iRfCvhmOO6j1DUrHxlNa6Pd6lJ/x8RxxyLH5jfxfN8u7/Zr6Ct/hp4Xh0mx0tdBtW0+zZpLeOVWk8tv7ys3zVtf2Np6x28f9n2u21Xbbr9nX9yv+z/dphc8DXUvDviD4Z6fHZ3jeHtaXVI/7Qnvo1mkj1CNmZvtS/xRsyt/s/dpv2W8vPCfgOa68PxwXlv4wW4abS7WSSGS3WT95cR/Lujjb/2WvopdsSs22OJfvN8qrVGTxVpNrp8l9LrFnFZqyxyXLXS+Wrf3d26gDxvxB4PvLxfi5o7+Gbq51DxNebtPu2s90MkbQxqrNcfdVVbc1Ob4c614V8UalDL4Zbx1o+rWNnbx3K33krDJDD5LLMrMv7tvvbtrfer3KRmZvLWhbWT+GRv92go8ttfCWvaX441q8i0VWsZvC8Oi27Wk0McLTR7m2qrSblj+bau7+7WL/wAK78ZXXgvwX4VvtJg/sPTbOOPVrZdSjVrySP7sO7/nm33m/vfdr25rNv7zU23t4ZV+STzdrNG22TdtZfvLQI8x8SeC/GXiq+02SePR10lYbiGbRpbpvJhZtvkyfKv77aq/d+7urF8N/C/xRoNr8M7eWTSLlvCq3CzeXNJ+8jkVl+X9395d26vcvsqxK21dn+9Ua2u1f96gTPHbr4O+Ir/wX420NrrSIpPEWrf2lDJ50jLCrNGzK37v/pmv/fVdFrHw01DxH461DVtWmsV0vUvD8mg3EFpJI0yqzMzSLuVV/irqvFXiD/hHLO3WLTb7V764bbb2Onx7pJNvzM391VX+81VfAfjDT/H2k3F1Zx3lncWdw1reWN9H5c1rMv3o2/76oEef6T8JfFy/8IPa3muaPLa+E7zzoZ1t5POuI1jaNdy/dVtrfwtWhD8D9Qs/CeseC4NUtW8I6ldSXHnyq3223hkk8ySFV+63zbtrf7X3a6jxB4tXw54w8N6HLYzyya5JNHDdqy+XG0cfmbW/irrobjzV+b5aAPP/ABF4cXxl8SPCa28P/Er8KtNdXTfwrM0flww7v4m27mZf7q/7VbVj8OdN8K2t9ceD9H0zStYmj8tZJ/M8tvmVtrbdzbf92us83cu3ctc7qXjaHS/Hmh+F5dPufM1iGaaG+Vl8tfJXcy/e3bvmX/vqgDP0/wAH6g3iy48Vau1jFqkemtp8MFozSRqu7zGaSRlVm+ZV+Xb8q1V8O69441Lw3pN82j6ZLeNJNHdRreSW6tGrbY5odyt8rf7VegfMrfdrD8aeKrfwR4Z1LXr+G6ntbGPzplto90m3+9QBzPh/4R2Nr4d1Kx1JpIpNU1abWJo9JupLdbeRvl8uNl2sy7V/4E38NZerfDvVvCvjjw74i8NW8utWdnp82l3mn32of6T5cknmLIs0zfNtb5drN92vTrG6jv7O3uolZY5o1mVW+9tZd1SXDeVDJIysyxqzbVXc1AHzzefDvxk/wx1zSX8Pt/aF54s/tiGOC8hk/c/aFmbd823+Guk1DQdYl8dfE7UH8O6g1rrGgw2dnP5KyedIscitH8rf9NF/75rvm+Ieixf8I3HPNLZzeIG8vT4LmGSOSRtu7ay7fl/4FTtU8eaDo1vrE2o6lHZw6TJHHeSTqyrCzLuX+H5vlb+GgDyHQfD+pabN8FVfQdQtJtHtbi31Jv7PZfs7Nb+X8zKv8Un/AMVWL4D8LrFeaLoviHRfEb+LtD1JpvPVdtlJ+8ZmuPO27WVo2+ZWb5vu19JRyrLHHJFJujZdyt/s024ZvJb5m2/3aEB8p6ppdjpvwb+J2ly6X9h1S31a6mj/ANFaNmVrpWhVW2/Mu3dtWvTJL+3l+PGgyW81tPJN4RuPJXzPlkk+0Rsq/wDAq9Wt7iT93G25l/76q01vCzKzW8DSL8yt5a7loYHK6DceJr7zl1zQ7PSmj2+T9mvvtXmN/F/Cu3/7KuT8K39xeXHi7xhFa3OofaJvsdjbQKrTSWtruX93ub5t0jTN/tba9W2q1UbPRrPTbO3s7W1igtbddsccfyqq0gPLdc+JF9LceGdLtdNvtBvtY1ZtPaTWbPa0KrC0m5V3fMzfdX5vvVxvxU166vPA/wASvDusrBeXnh9tPuob6OHas0M0kbKzL/DIvzL8v3q9y8YeEtN8VWMNrqMMjLDMtxDPHI0c0Mi/dkjZfutXP618JdH17w/rWly3WoL/AG00bahqHnK1zceXt8tdzLtVV2r8qrQBj2fxIutS8J654stdPjufDtrHJJZ+XIzXd15fyt+72/u/m3fe+b/Zp2n/ABatW8Mzatf28f2fzre3s5NNuPtUd9JN8qrG21fm3fKyt92rlv8ACObSZtek0jxNc6fHrCrJNAtqrLHcbV/0hdrLtZtvzL91q528+Aq3VvrUiapBY6heXlrqVqun2rQ2kN1b7mWRo9zf6zd822mB12g+MrfXNa1TR5bWfT9Y09Y5JrG527mhb7sisrMrLu+WtDXNeh8OaS148clzIzLDb20f+suJm+7Gv+9XNr8N7rXvFWoa54haO1mm0uPSY4dJupFZV87zmk8zarL8235f7tOuPg7btNps1l4m17T7jT2maGeS4jutvmbVb/XK393/AMeagdyb4W+NL7xv4HsdY1K1gtr6aS4hkjgbcqtHNJH/AMC+7Ww2uWK+Io9Fa6VdSkt2uvI/i8tWVd3/AI9XA/C/wD4y8M+AZNNfxBHpl8uqXUkf2nTVk2wtNJ/dZf8AWblk/wBmqepaHb2Hxy8M3Wvx215NeaDJatqEdq0azXi3C7du35lbbu/i+VaTQXPStNv7q8s1murGXT5mkkj+zT7WZdrMqt8v9773/AqvNLtVd1fPvhuLULj4O2+uaTqF9c33h/WLy4kggvJG+2Wsd1J5kLfN837v5l3f3f8AarqJvFuoX/hv/hILXWrmz0/WtYhh0uD7P50klr93bCu3/WSMrMu75dtKwXPVGl2tQsrfwr92vLfB/wAVY18L3l14omazms9YutJ8xrdmZvLb5fM8vcqttb/d+WpviJeR3kPgPVrC8n8uTxBZrG0EjLHNDIrfeX+L+H71FhnpUkq7d1UbhmZlZamkZVZVZl/2am+z/LTArxysy1H9qbzNtWJItq/dqFlX+7QBH5rSttX+Gj7Oyybk/wCBbqkt1VV+X+KpGZdvy0AQq1V5Lj+Fam8tm/2ajktWX7vzUANjVmk3NU/NMVtv3lqRaVwGslRtt3VIzVVVd0jbqLjHb/mqRm+Wqsm63k+9uWpI23KzUXGOkX7VC0c6rPG33o5F3K3/AH1XP33gHwzeSeZLoOnrJ/z0gh8lv++o9tdBu30lG4zll+Hen2+77FqGsaf/AHfI1KSRV/4DJupv/CM69at/oXiydl/u6hYxzL/31H5ddZtpqr83zUwOV2+MrVW+bQ9Q/i+9Nat/6DJQuveIrfb9o8JzS/3m0++hk/8AHWZWrpmpyrQBycnjqG3/AOP/AEfXNP8A9qfTZGX/AL6VWWnQ/EjwzcMsf9sW8Un/ADzmk8tv++WrqtzL91qjuLdbxWWeOOdW/hnjVv8A0KgCna39rqC7re4iuV/vRyK1TL97atZNx4D8N3jM03h/TGkb+KO3WNv++l21Tk+H2kqqrazanp+35v8ARtSm/wDQWZloA6Ru9R7q51fBt9byf6L4q1OKP/nncww3H/j21Wo/svxda/6rWNIvF/6ebGSFv++lkakwOgauB+NXgHUPiR4DuND0uS1iuJJo5vMvJGVV8tt38KtW4114ug+/oum33/XtqG3/ANGRrUf/AAk2rWqq114T1eJf70Hk3H/oMm6kBxvhf4b6t4A+IE2qaNp8DaDrUK/2haRyRrJZ3C/xL93dG391f/Za9WrmZviJptr/AMflvqenr/eudNuFX/vrbtqS1+Ifhu9Zo01qx8xf+Wckyq3/AI9T3A6Ld70yq1nqlreLut7iKX/rnIrVa3bqQBtprU7dt+Wk5oAZuqOSLdUjfN92lqhkCqqr/do2fLUny03bQMZTKkal5pjImWjZTmqPdQAfdpys3/PRqb96nfdWkBHJ+9VlZfNVvvKy7qz5tB0u4X97pOny/wDXSzjb/wBlrSb7tMoAwJPAvh1m3f2LZxN/0wj8v/0HbULeA9FT/VQ3Vs396DULhf8A2pXRUv8ADTAoafpcek2/2eCS5lj3bt1zM0zf99NVpl+WpG70ygBn3qKfzRSA9F21m+JorpvDOsLZK32z7HN9n2/e8zy22/8Aj1ay0LuXpTMjw/4a+EobybSZPD2qXmmWP/CNx2+oTwSbmjuvMj2qqyblWRdsn+6tddb+HG8F/EbSdSe8vL7TbrS5NJku76TzJFm87zo/MZV+63zLXon8PH3fvU5f73/oVMRw/h/4b6hpusNqWqeLrzVZJLhrqS0gt1t7aRm+6rfeZlX+Fd38K1peHfAOn2Hhe10nVLePV1huJrqP7WzTeS0jM21Wb5vuttrP1L4nWvhnxxq2l+ILjT9I0u1sbe6t7ue42tM0kjLtb/vlqsat480fQ9c1aaXVLmVdP0P+0JrSOPdD5PmfLMrfxM33f92gDtJGt7C3jX91bW8e2ONfljVf4VVabZ6tZ6lNeW9vfRXM1myx3Eccm5oW/ut/drzfxN4+urjwjb6hP4bs7y1/taxt1We6WaNlkkXbMrKvzMrN93+9XN6br32P42eMvCdlff2Ldalq0Nx9r8ldsix2qtJHHu+Xzm3f+hNSA9g0vxRp+qa9rGi27T/btLWFrhWhZV/ebtu1v4vu1c8Qap/YPh/UtU8vz/sdrJcbd23dtVm27q8V8ca9qHhfWvi1faX5q3VvpOjx+evzNGrNJuk/3lVt1WPEGmw6XrXiaTw1cNP4fm8G3UmobbppoWm/5YyfM3+sZdzf7W2gZ3lrr3izVvC+n3VvHo9nqGoRrcLJI0jW1rC0e79591mb+H5flrQ+GfijUPFvgux1TVreC2vpGkVvsjboZFWRlWRf9llXdWHHeWdn4J8J2Oo6Pfavb3ml28MkFpZtdLt8lf8AWKv3Vaqfw/8AD+peA/BbWOl6W07TatJNHpslx5f2G1kk+7ubd91fm2/7VAnqV/ila+LrC3k17S/E11bakuoQw6boltHG1pMrSKqxybl3MzfMzfwrXWfFzxVdeDfhz4o1ix2/bLO1ZoW/hWRvlVv+A7t1c7rGl/ETWfFk19ZWPh+LT7X9zprahdSM0P8AC03lqv8ArG/3vlX5f4mrqtQ8G3muQ61o+szQah4d1DT1tfLjj2zeY3+sk3fd/ustIVjg7WzXwl8QPhzY2HmSrr2n3VrrCzs0i3jRwxyedJu+827d8391q4/4gafb2fg/4wW8FnBEsPiDTWhjWNVWNttv93b93738NezaD8O5tD1Cz1zVNQbXL7SdPaxs/It9vlxtt8xtu5t0zKqr8v8A7NXM6X8NpPiFD46j1eHVdD03VtahvId0PkzTRxwx7flkVtq+Yv8A47QFiPVvih4g8C3nj631n+zdTk0XS7fVLVrSNoVVppGj8ttzfMqtt+aoda1b4iaDofiTUJ9WtotPXQ5r61knW3kmjuI13fu1j+Xy2X+9u2/LXo3/AArHR7rXNW1bUZLzVbjVrFdPvILuSPyZIV+6vlqq/wB5q5/Uvgzp/h/4f+ItJ8K2NzPqGoafNp9v9uvmk8tZF27VaRv3ca/e+X+7TKOZ0m/8XaX4i+Hcl14mutctfF1jJHfW3kxx/ZW+zrIs0O1fl2/7Vc34Dv8A+y/hH4VhXXtTW+1rWpofs0dx811++m3RrI23yVbbuaT/AHv71e0fDnwDZ+EdD0lnsfK1i3sY7WRpLprjy/lXcsbMzbVZl3fLV7/hV/hGSxksW8N6Y1rJcfbGja3Vlab5v3n+98zf99UCPAY/FGrX/wALZI38SXkWpWfjiPS1ntL5pJPsrXEa7Wb70irubazV6F4Tl1Tw58QviVoujNda9HZrp91Z2Oqak3+smVvM/fNu2/d3V6FJ8PvC7RyRt4Z0jy5JvOZfsMe1pP733fvVpWfh/SbO+kvLXS7O2vpF2tcwW6rIy/3WZfmpAcrqnxEk8H+Ff7S8YWdroeoSTNb2tjBfLN9oZtu3bJ8qr/tfwrt3NWT4PuFi8N61N4QutI8VeJri+W+1RluvLtvMm/h8xVb7qx7VX/Z3fxV6JfaNp+reX9t0+1vvL+79phWTb/u7qmsdLs9Lh8mys7axjZtzLbQrGrN/e+WmKx4D8aNS8WRal8N5IrPTLbxgt9qDW9ot000DN9lby/m2r97/ANC21TuvE3hGX4T6HNpc14v9oata2t99pvPLkW43M0kd5J83lx7t27av+7X0dNptncSLNPawTzL92SSFWZf92q7eH9LljkjOl2PlzbfMX7LH+8/u7vl+amFj5Jutcj/4Vb8RNPTXts2m+Jofsf8AZ95JGsdvJJDu8v5t3l/NJXonjLwLoth8SPhvpq3l9BpN02rTSTNqUm6RmhjbaszNuVW2/dVv71e4XXh/S7rd5+m2c6sysyyW8bbmX7v8NOuND02/sVs7rTbW5s127baeFZI12/3Vb5VoEfONvr2teHNNbS/7U1BvA/8Awmy6aurzzM0kdi0e7y/tH3vL87935m7+981aHjxr7SbX4xeHbK4lufDMPhdb5Vnmab7HdSKytGsjfNtZV3bd1fQTaXZy6a2nvZ2zae0fl/ZGhVodv93b93bVX/hEtBXR20ldD03+y5G8ySx+yr5Mjf3mXb8zUgPH/hH4juNebVJNcvrnRfEGk2MPk6T5zfZI7Pyf3d0q/wDLbd/E38P3ar+Bde15rzUtF1zUNXsfES6DJdQzect1aX23b/plqzLtX+H93t/ir1yTwH4Za4t7r/hH9PWa1h+zwyLDtaOP5v3a/wCz8zfLVex8C+GdLhmjs9HtraOaFrVtrSfLD/zzVt26Nf8AZXbQB46ut33iPwj8A9W1S4a81C61i3kmuZPvMzW825qk8eeINY1bwj8etJ1K+W8tdJtYVs18lY/Ljkt/MZfl+9822vVP+FY+FfsOj2aaT5Fro832jT44LqZfs8n95fmqvqHwn8M6oviDzY76Jde+XVPLvpF+0bfl+b5v7vy0AYfwn8W6h4+kurxLyOx0vTdunyaNPbr9rWZY13SSN/yzVvvKvzfLWt8RvE2peG20mGwm0+zjvmmVp75WmbcqqyxxwxtukZv9n7u2rGj/AAv0HQ/EUOuabcahBqEdrHZyMt1ujuI4/urMu35v9771Hi7wHb+KNc0fVFvL7TNS01Zo47vT2Xc0Mm3zI23Ky/w/eoA85tfjXcN4R8E+IJ7Wz0qPWlmjmub6SRbS3mjbaqsyr8vmMrbd1dNN4oa48afD1b/w6q6pqlneSW93HffLbyLDukj2/wAW5dvzVDY/BZvDmg2ej6b4guZ9Nt1uI2tNWtVuoZo5mVmjaNdu7a27a33vmapNH+Ef9h3ngFtN1pfsfhOO4jWC5t90lx5y7ZPm3fL/ALK/w0AWvg7431jx1pOrXWrabHZ/Z9SurWFo5lZdscm3y/73y7fvfxbq77btrj/Afg268BtrkL6lbz6TdahcahaxrCyyRtNJuZWbdtb/AIDXSNebl3L8i/7VIB14reZHUka/LUbO1xt2/d/vVajX5aAK7fdquq7pGWrVwrVRaZl+b+KmBMy/NUbL/EtTSNujX+9Rt3UDsVdu+s2+tbrc2yT5W/hrYZfmprLuoEee+IPDmqXlvHb6JqEGgtMzLeN9hWRpo2Xb8v3drf7VXtQ8G6Xqnh+z0W601W02zWH7LGrMrQtGu2NlZdrKy11zW67t22o9tIRyvhHwfpPgttSbSLWWz/tCb7RcK00ki+Z/sqzfLUPjjwlJ4yh0mOLUF07+z9Qh1Bf9H87zJI/uq3zLtWuw2LTWiWgtHM6t4I0HXNSt9S1HS4LnUrfb5d38yyLtbcv3W/vVuLt2/eqSSLd/DULWv+9QA2b/AFdNVdy02aL5fvVHtk2/Ky0ATLEu2q6rtkapGaRV+Zah81vM3bfloAsMtRstDSq9HmrupgNZdy1VuGaLbtq1I1V5vvLuqWA1U3U37P8ANuqx5XzfLUM0u1qQFea1bzKasLRbt33Wqb7R+8Vak83duoGV7dPl207ymqb7q/LRuoHch2t603d83zVYaoZFp3Aa3zNTW707bQsVIY2ipGSmtQBFTG/2ak203bTuAlReYrMyqysy/eX+7VfXmurfw/qk1grNfR2czW6r/FIsbbf/AB6vI5re30P4D2/ijTfLi1qx02PUP7QX/WXE3ytIsjfxbvmXa1G4j2Rvmo2sq7q850W/vPGnjTxJDeXl9p9npK2cNvaWk3k/NJD5jSSf3vvKq/w/LVe617VPB/jbQdN1nxArabeWt5I0lysa7pI5F8v5tq7flk+b/aWkB6d5rbflZqr3VrHeL/pEcdyv92eNZP8A0KuX+Hvii88TR6811cW08dnqkljbtbR7VaNdvzfebdu3V127fTQzn7jwL4bvPml8P6Yzf3ltVjb/AMd21D/wr7Q1/wBRDeWP/XpqFxH/AOzV0jfeo+6tUBzP/CF+U3+j+ItcgX+61xHN/wCjI2oXw5r0XyxeKvN/6+dNjb/0Wy10lOX7tAHKtZ+LrdmVbzRblV/ikhmt/wD45Uf2zxZb/wCt0WxvP9q21Lb/AOjI1rqmpu2kBy//AAkesRfLceFdS/3oJLeZf/HZKbJ40jtW23Wk6zbf72mzN/6CrV1W2mt97dQM5NviR4dVm8/Uls2/u3MbQt/48q1ctfGWh3kjLBrFmzf3VuFroGaRvvMzf71Z99pdjqTf6VY2tz/13t1b/wBCWmMI7y3uF+WaNv8AgS1IrLu/hrHm8B+G2k3f8I/pqs38Udusbf8AjtQt8PtB27YrOeD/AGoL64j/APQZKBm8zfw1HurF/wCEItV/1Wra5B/u6hu/9GK1Rt4VvF+54o1Nf+ukdvJ/7TWkI6DdvpK57+wfEFv80HiSOdf7tzp//wATItN+y+LIvuXmi3K/7UM0Lf8AoTUAdBQrVz+7xYq/Np+kS/7Md9Iv/oUdNXVPEETbX8O7m/iaC+hZf/HmWmM6D5qSqGl6leX/AJi3Wk3OmNHt/wBfJGyyf7rRs1aDUANailopAekVFdXTWdrNceTLc+TG0nkQLukk2r91f9qrGyqeuaXJrOh6hp6XUljJdW8kK3Mf3o2Zdu6mZs85s/idqGs6P4mmnkttD/sVbea4uYP3zLDJGzMq7l/1isu3+7urjfFl1eL4V0+x8Qa5PeeILqzvr6axvpNsdu3lq0cbeXt3SRqy7V/vMzfw16JpvwP03y5G1fVtQ1OSZbXzo7bba2263X93tVfm2/8AAq7bTfC+k6X5bW+nwedHI0yzzr50ysy7WbzG3Nu2qtBJ4vosUmuSQ3Vxot1rTap4Ls7G1nks2kVpvmWRWkZdq/eX5mrptL+GniDSdSWOzjs5YYfCtvoa3l3MrRyTRtubdH95o2+7Xrkf3fvUKu2gDy3T/gZb2+h31jBdRaHDeapb6k1ppqtNbW7Q7WVY/M2/eZdzVvXHwZ8O6pfaleap9u1CbULyPUJt0yw7Zo12q0flruX5dv8AFXdLtanMtAGTpvhLR7DULrUINPiW+uo1huLmRmkkmjVdqqzN95amuvC+m3nh2+0MWsdnpt5DJDJHaRrD8si7WZf4d1ayrUirQBj+HfD6+HNLhsYrq6vI4VWNZLtlZlVVVVX5VX5flrWWNVqRUqRVpNgCrUiqq0bakVaACnbaNtSKtADY/vU7bTlX5qfTQDNqrRt/iqTbTl6NTAj207bS09u9IBqqtOop22gBtGypNtJQBH/FSr2p22ncUARstG3d96peaYy7qBWKLSs3mLVP5ls2aTa3+7Wktnsb73y1J9nVl+7QIqwxqsf+1WfcLI0kiru8vdWx5Py037Ou37tAGXNbx28atEqq27+GtDb8u6mtZxtIsnzfLVrbQBVZfm+aqtxa7mWRPlk/vVpMlRstAGS0V0zMvlr8v8VEelruVpfmatJvlprLSaAh+50oX7tOZaNtAEbVRkt/mrQZKhZaAIV+ZfmWhvlqTbTWXdQO5GzfNTVZd1Gz5qGSgQ2ao9i05lprUANao271LzTGoAiqKT5lp0zf3ahb5W+Zt1JlFWTc33qctuzVc8pW+bbTvurSAz/KkX71V/8AVfK33a0mSmtartqgKv8AwGoWVd3zLV7ZtprRK1AFORY2X5arzW/zL81aDRL/AHarzRbdtAEaxSL/ABUNF+83VcXbtqPbSsBmzLuk3UR/KzVekVW/hqP7Ov3qLARq26jbUixbaNtFgIv4aTZuqWkZKLDIV/2qd/FTttNbvRYdwbvUe6nbdtN20hjP4qRu9FDfdoAbvZelcHrGh6G3i7T9Dl0+f7PeRzao0C3TLaeZHJH96H7v3mVv7vy/dru64zxFKsXxS8GqWVWksdSj27v+uLf+y1QmXtS8H/aNcbWNO1CTSNSkhW3uGjhWSO4jX7vmRt/Ev8LbqozeC7xvFGi6w2rfaf7PhuIZFuYfmk87bu27flXbtXau2uwX3+9Rt/u0wRwOm+Ff7Bh8VNrclj/ZupXzXy7ZJFjj3Kq7ZPlX+JV+7Wt8N2uG8E6at1u86NWh3M27zNrMvmKzfMytt3L/ALO2umooGRslNZambvQ33aAK7feo+7Um2jbSAhbdSc1PtqNl+agBlMapl7U1loATmoPmarG35ah2baYwb5aj+/UjLTVoGRtTVWpJFqPa1IYfSmVLtZVqPbQANULd6l5qP+KgBF7UbVp9MoAZRStRQB6YtO20LUi9qZkOX7tOVKctOXtQIctOWmqtSMu2kA7ZUirupq/LUjUASKm6nbajjaplZfmoAI/9qplqv53zVIsrdlpMCwvanLUKytu2+XTv3n92hAWF+7Tl7VCvmMtSeVTAlp3NM8qnLF8v3qYDloVlo8io/K8pvmoAm3r/AHqfuWoF8vd/tVIqr/FQA+l3L6VGu1qftWgA3LSeav8AE1Rq0bM33dy0N5bNt+VmoAmVl7NRuX+9TViXbR5IpAO4pu//AGqkWJaa1uu6mAm5aTft60LbrRJArUEjd3vTmam+V8tN+y7m+9SAPl20N92mta/7TU37Oy/xUAP5pGqNo2X+KjbJ/E1MB22o2WnbZFao28xqAGtTf4ac3mJ822oZGbb/AKukAbabJ/s0eb823bR5woAay/8AfVRsvy1MzK1N+WgCPyflqOppPvCo1pXAjaKoZIqtN935ah3f3qYFfbRtqZvlptAFeSKofKq3zTGoGiPbtqvuZmq03emUrDIGprNUzLTWX5aYELfeptSMlNZaAGt3qGb7tTSVVZmZttADmX5aF+ao2ZlbbTfN29aAJGXa1NZfl+Wm/bFb+FqGlVqAFpNtC/NRu20ANbvTKnb5qjZaAGc0m2pKZQAxtzNTal5pjfepMa0IWX7zNWL4q8W6T4N0+O81a6+zRySeXCqq0kk0n92NV+Zmreb7tcL423ReNvh7Iv3vt15Gv/ArVv8A4mhDuVWuvGXjRV+x26+CdJb/AJeb5Vm1GRf9mH7sf/Am3f7NV9S+FPh3S9HvrptNvtc1ZV85tQa4aTUWZf4o5Pl2sv3tq7a6rwP4jbxb4T03WJYVtpLyNpGjVt235mX/ANlraZdtMNzyvw78RptJs1k1G4bXNBX93/bMce25tW/u3UP3lZf73/oNelWt1b3lvHcW80dzbyLujkjbcrL/AL1YPibwLb6zeNqlhcNouvKv/H9Gu5bhf+edxH/y0X/x6uR1jRtU8Ax6TcaBcWdjcapeR2d1psiySad5km795Gv3o/u/w/e/u0BseobqPvVx6z/EK1X59L8Oah/1wvprf/x1o/8A2ahvFXiqzk/0rwHdS/8AYP1K3m/9CZaYHXN3oZajt5muLWGR4ZIGkVWaOT70f+y1TLQMj2/N81DLt+7UtRSfLSATmmN81SLtpv3mpgRfxUklSMtNZaAG/wC9TW+anbabtoAG3bajqRaj/ioGR7/mpzMqrQytuprUDBm82msqrTmXcvy03bSGNpu35qdTWagBOaY1LTqAIm70U7bRQB6XT17UMu2m/M33VoMSZflpzMv3mqNVb+9Ukcap975qAHR3H92pNzM33aFVVp3m0AOZZGqSOFm+81RrcLuq1G2771ADVtVX/aapo4lX71CruqZV+WgB0aqtO2/NTVqZUpgLzT93vTVWnfdoAF7U7bQqbqkVflpAC05Vo2VItAFeaVl27aqtLI33m/iq9JEsu3d/DQtqtAFFm2s1OaVvM2rVz7HGzfdpzWq7t22pAz9zSxszNs+apGaRWVt26r32WP8AurUiwLTQrmTDuWaRv9r7tXIV+bc33qseUq7tqrTmiXdTC43bSU9l+Whe1AXD7q0L2p9FAhPu02nbaWgBjL/FTKlamt3oAjajbS0UAM203ZUvNI1AEf8ADUe2p6Yy0AV5NtN2/LUjLTaAI9v96o/KX722rDLTdu1aAK7W6s1NaJas80ySgCm0Xy1D9n/u7qvbd1N20rAUdrN/FUbRSVeZahk+b71Me5RZpN33aPNb+JWq1tprL83zUCK7N/s03dUzLTWi/wBmgCNqbUjKu2ofs6q25aB3Bqa1Oki+bcrU1lb+FqAuJTNm2m/vN3zbaa0rbfu0DHMvy1TktWVty1YW43feWm+ctAFVreRmVvl2/wB2oWt2Zv7tXmZf4Wo+9QMz5Itse1fvVHtZZNv+zWgy/wAVN8pW+agCG1X71OaL5qkWNVobvQIh+7TZKmZajZaAG7flplWOaZtoAhaoWarDLUbRfNSYDfvVxPxAXb4g8A3H8UeveX/38t5lruPu1zPjrQb7XLHT5NNaD+0tNvo9Qt47lmWOZlVl8tm/h3KzfNSAy/g2rRfDvTY2/wCWc11H/wB83Ei12vNc54Z8W2esySWL282kaxb/APHxpd9tjmj/ANpf+eit/eX5a3v4qdykOZa4v4nfLpOizf8APHXtPbd/vTbf/Zq2PFHjTRfBsMbatfRwSTfLDbRr5k0zf3Y41+Zq4n4oeKreX4e2N9eLJockmpWM0NpqTLHMyrdRt93d/dXd/u0wZ6cq/M1OZVZqbHLHKvmRMssbfMrK25WWkoBC7abtpaRqBjW+9TW705qbJ92gBrLQtO3blpu2mA1t1N/3qfzScUAN201u9O3UMu6kBD/FRs+alpWpgN2fNUckXzVLzTGoGR/d+7TKl/hqFvmpBcGqKpVWm7NtAyP/AHqXmijmgBjUUn8NFArnqa/dpu7atOVKr6ldLYWNxdNDPOsMbSNHbR+ZI23+6v8AE1MzJFuPmo+0bq8x0P4zaf488Lzax4U8qea3vI7O4tNU3QyQ+YyqrbV3f3v/AEKty++J3h/S/Flj4dnupG1C8uls1aOFmhW4ZdyxtJ/C235ttITaW52zTt2XdWTqXijT9JutPtb28hgur6ZobWBm+a4ZV3MqrXzneeN9Q0vWviN441LT7mWbwzq0On2KyXDMtnHIvltujj+VlVW8z733q6i18dXXibxt8H7xLzStTtdWvr6Np4LNfuqvysvmbmjbbt3LTtYXMnsd5H8adButPt9S02PUNXtZtUXR9tpatujm/i3K38K/3q9CuPEGk6b5K3WrWNt5kiwx+fcKu6Rvur838VfGuh3kln4F8O3FvdT2bTfEqaGbyJmjWSPd8ytt+8vyrUfjzw5DrOpfGBdO0v8AtDVm8TWa2K21v5km3czSNHt/8epDufdHzK21vlZafVS3ula3hk/vRr/6DVhZVpbDLCr83zU/mq32hd3yrUiyyfwrRcCwvapFquu7+KpNrf3qaAsUblqFYm/vUeUzUwuWlahahjXdGrKysrfdZW+Wqv8Aa2mxQ2sz6larDdSeTbyNcLtmk/uq38Tf7K0gNBdtOVlWq9rdWt/G0lvcRTxrI0bNG27ay/eVv9qptq+tJgOZlahWX+9R5S0LEtITHb91G/bQqrt3L81ObbTQhqyK1DNQqr/dqnfatZ6bqGm2M/m/aNQkkjh8uFmXcq7m3Mvyr8v96mBf3LTPOWsfxd4w0fwLpLalrN01nZrIsfmLC0nzM21furW0sS7vmoAXctG5aRlWud1z4g+F/DOsWul6trljp+oXDKsNtPJtZt33f93d/tUAdFuo3Ltp3lbm2/xVh2Pi3w/qmtXGj2WuafeatbqzTWMF0rSLt/2aANrdTd3vR5S7aq3F5a2s1vHPdRQTXDeXDHJIqtI391f71AFj5aSmLLDLJNGk0cskLbZFVlZo2+9tb+7TtuygLh/FQzUbaay0ALRUUiMtN+b+9QBIy1Gy/NR8yVGzMvzUAOZabTftDbvu/LUbXH3vlagB9Mao47pW/wDsqPNVqYh38NRs1OZl203cvpQAvNRN3qT+Go6QyFl2t8tRyLVhtu6mtQBBzSSfd+WpGWo5PvUAQtSc0/8AiqNtu6gBeaZtp9NoAgZfmoZKkpsm2gCtTNu5vmqaTa3+9Ue2goa0Uf3qj+z7ujNVn+KmN8rUDKrW7fws1RtFIn92rjU371AFVfM/iWj5v7rVa2VG1Aiu0q0blaptu2o9q7qAGtSUrRK1N8kUAOZKgp+z/bqFopN33qAJGWo2pf3lMZmVvu0rAY/ijwrpvi2OH7ZHJFeW/wA1rqFs3l3Nq3/TNv8A2X7tcrN4o1LwRHJb+LVlubP5lh8Rafbsyt/szRr/AKuT/wAdau+a42/w0ef/AHaaA8d8M+F9WvJpLrw5pLeGFuP9d4m8Sf6Vqt1/1zhb7q/723/drtNB+GOh6DcNeSwya5q0y7ZtU1ZvtE0i/wB35vlVf9lVrrtys3+1QzKy0xpHEzeC77wzI1x4NuI7aHduk0K7ZvsUn/XNvvQt/wCO/wCzWh4b8YQ69cXFjPZ3OlaxaqrXGn3a7WVf7yt91l/2lrpPlqG+aZbO4kt1WW6WFvJX+8235V/76pDHbl3bdy+Z/d3fNTf4q8b0uzjX4Cx+KIG8rxNb6a2qSapu/fSXS/vJFkb+Jdysu1vlra8N6peePPGWrQ39xdWdjptjYtDaW1w0O6S4j8xpmZfmbb8qr/D8tAHpfNRbK811a/vvBvjrw7Z3/iC8l028jvpJPMVW8zy2jaHdtX5flk2/8BrW+HPia88QXHiqS61Bby10/VGtbeTy1jVYVjVtzbf95v8AvmgDsttObvQrKyqw2tu/u05f9qmMjb5ajarHy02gCvT6XbUbL8tIVxrfLR96nUfeoGNao91SMtRstAAzfLUe3ctDL8tC7ttAEbU2nNTV+amMatOZad92mt92gCNkooaikI9Rpmpf8gu8b7u2GT/0Gpv4ar3Fut/bzW88ay28y7ZI2/iWmyD51uvg7daJ4k8D+MvCm5dP1L+zbfxBY233WXdG3nbf7u5V3f3W+b+9VzUvhf4w174uLrUGg2emabpviiO+jnkuljW6hVdrTeWu5mkb+9/uqv8AFXvljZ2umwx2dnHFbQxr+7ggVVVV/wBlVpt5qlrpc1rC+5prhm2xr97aq7mZv7qqv3mpEtJ7nneh/CXVrC68ZTNrVrbf29qy6kqwW7TbV27fLkWTarKy/erU8P8AwM8L6DD4bVYbuWbQWkmtWW4aFfOkbdJJtX+993b/AArVrw38S21zxYui3Xh2+0VbqzkvtPu7mRWW8hVlVm2r80bfMrbWqr8ZPE2peF9D0W+sNYbSIZtWtbG8k8uNtsMzbWbdIvy7adxWS2Oi0f4b+GdBt44bLw/psEazNMqtbrJ+8b70nzbvm/2q6aGLyt2z92rfwx/LXjuueNI/D/gnxx4g8K69feI5NNt44WbULhZIYZvveZH8qr8qsvy7dtdFdeN/EWpXGoabpEelQaxo+lx318120lxHJJIrNHCu3ay/Ku5m/wBr7tIDtofEGjy+Jm0FbyNtajt/tUlptZmWPcq7m/76WtzaqrXy3rnxfZvGHhvxInmaQuveFY4WvmXzI9L868VfOk/2V/8AQmXdXVfF661LQ1hmSS88Q+H7HTWk1CO21TydRtdzNtvF27VkXau3b935aTKue3W91dNq1xC9isWnrCskN95yt5km5t0fl/eXau35v9qqvjbXLzw54P1rVtOt4Lm8sbWS4jgu5GWNtq7m+7Xluj3kkvxk8bLol5AupXHh/T5rddSkkkjVmZt26PduX5dvyrXVeIIvEEXwt8SW+s3ltrWqXFncQwrpNjJHu3R7VjVfmZm3N96kFztPCeqSa94V0XVJVjWa+sYbqRY1+VWkjVm2/wDfVZPib4naP4X16PQ5YdT1DWprVryGx0+xkmaSNfvbW+7u/wCBVj6DoN1r3wx8L6b/AGhrXhy4t7G3WZrRvs9zujh2tG3mL93d/wCg1Rj8L61pPxM8P6pZ2t3q+k6Xod1p8l3fX0bXMk0kisu7cys33fvbaBG5D8XNN1LQfD+paTY3mp/21HNJbx7Vh8lYf9Z5zN8se3btrjfiN8TpvFvwt8I6t4ftZV0/xFq1razLPcLG23ztrQtt3fKzKy7l/h/3qz/Dvwv8aab4V8I6TK2kNa6XNeNfaXd3EjW1x50nmQzfKv7zy9zfu2+WrWj/AAX8SWvw78L+GZda0jzNH1hdUjn+zybWWOZpFj2/7TM3+7/tVQi14DbWPDPxc8UeH9J0fStP0eHT4dS/s2C+k8v7RMzfMv7v5fmj27dqrt+asO+1az8TfC/4T6xFotjorN4us1jtLSPdHb/6RMrbW+9823c1epTeAbyL4gXXi6z1pbOS80uOxuLP7H5itJHuaNlbduVdzfMv3m2/w1y9v8Fvs/gvwv4bbxNP5Oh6l/aVvcx2MatJIrNIqt833d0jUAaHibWZPB/xw8Ox2e1bXxRY3kN5Bu2rJcW6rJHN/vbWZWb+7/u1j+Cfi54i1nx5oOj3rWN9a6tpt5dM1pb+XDbzQ7f3cM3/AC2X5trN/erYuvBa+N/HUmtalDJ/Zel2dxptnHJujkuJLj5Zptv8Kqq7V/vbmao9F+A+h6TeaHM2ra9dtodrJa2fn33yrbsu3yWVVX5flX/2apA5/QfjhqVrHrk2vXDW2saTo91fXnhe+sfs8iyR/MrW8n/LaH5W+bc33latbw7q3xEv77S7q8vooND1jTWZpGa18y3uGj8yOS1Vd25f9mTd/erpvD/wq0XSJrWa4mvNa+y2Mmm266pIsyw28m3zI/uru3bVX5t3y1V8F/CPw/8AD7VFuNIhvPJjWSO3gu76S4jtVb7ywq33f/iaAOD+GOuaxpvwX+He3xNcrca1cMskHkxzXsy7pmaO1+X725VZmk3bV3fNTW+JfjS6+E9jqC6t9h1iHxkvh+adrWFpJoftHl/vP4dy/wAW371d5H8EfB9houn6fFpt1F9huvtVnJHfTLNbt83yxtu3KvzN8taC/AzwXFYyWsWl3MFrJfLqTRx30yr9oX5lb738LfN/vU9hnCzXnjL/AITD4geG08cXn2fRdNh1a1u/sdv53mSRyfufu7fL3R/3d3+1V6z+IniLVm+B+oNqXkQ+KI2XVLGOGPy5m+ytJu3bdy/N/DXYXXw50W41TWNSWO8W+1aFbW8n+3TL50K/dX723+9/301Qr8J/DNqugxxWdysPh9f+JWv26b/Rf935v+A/N/D8tMDx/wCIHiPVvid8AfGHiiXWLmxt7fVGt49JgWPyVhhuo49sny7vMb727d/dr0ZvFuueMvHnjLQdL1qXQV8Pw2sdv5EMcjXE00fmeZJ5ituj/h2rt/iq5rXwR8F+IP7SkvNLuY11RlmvLa0vJobaaRW/1jRq23d/tVevPhj4d1K+t9Q+z3VndLb/AGNp7G8khaa3/hjkZW+Zf/HqAMPwf8dlv/h/4d1zV9B1ie81C3kaZtG02S4hWSORo2+Zfu7tu7bUn7QGk31/8LdabS9Dsb63mVb7VI5G8m5khj2s3l/L/rNse3c33a9C0/TbfSdPhsdOhjs9Pt41hhhjXasar/Ctc/r3w703Xr66mvNQ1drW8VVutN/tCT7JMu3b/q/4Vbb8yq3zUAdRouqQ65otjqVqrfZby3juI1b7yqy7lVv+AtXkvjiwh8M/FT4c33/CNwWPh+1upNPt9S0+RVZbi4j2xxyR7d3l/e/vfNXUa54SuL7xh4Z1iyvLmxtdLjkjuLaO42wzQsu1Y/J/vbtvzfw7ak0/wDaxXWmyXuvavr0NjM11Z22qTLIsMn8LfKqszLu+XdupbCuWLj4v+D7XVr7S31hf7SsVmaa08mTd+5Vmk2tt2t8qtXlfibWda8ZXnwX8WXVrpkGn6h4ghmt4I42+128c0Mnlq0jNtbcvzNtVdrba9yuLddStZobjbLbyK0ckcn3WVvlZa8p/4UfJb6f4f0u18Xaiuh6DqkeoafaNbwyNb7d22PzG+ZlXd8tMVwuvihJ4Stfi5qieFbFb7w3cQyXCwXDR/blaFWWSRvL+9t2/LtrSj+LXiRvE2n6C/gvdqGraa2paasepR7WjXbuWZmX93t3L93dUerfBm81mP4iWq+Io1h8ZRxrcM1j81vtjWP5f3n91a1LrwDrVr408L+JF1bT5W0XS5NL8j7LIvneZt/ebtzfxRr8tAnqU7X47aTL4T0PVp7drO+1a6msY9PnuI4/LmhZlm3TN8u1dv3v9payb79oSO80XSbzRtFu55rjxBHod9AzRt9nbd8yq27bJuX7rL8tZ9j8E/EmjeHdLWw1zTIvEWh6teapYztDJ9mmjumZpreZfvfxfeWtjxZ4L8YeJvDulyT3Gjy+ILPWrXVltIN0Nkqw/8s1k27tzfe3MtAHQQ+ILXVPGHirSbPUNasdch0eGaS0njX7Pb7t3lyQ7lZd275W+8vy034J+INQ8UfCXwnq2rXEl5qV1YrJcTt96RtzfM1Ytrpfia1+KWseIp9LgltbzQYdNVba8X/XRs0nyq235f3jKrNWX4B+HOqRfCvwvoepatrnhXVtHhktZl0m+jVZmZt277rK3y/d/4FQO50HxA1Tx9oy61rGlzeHLPw/p9u03l6lHNJNIsce6Rt0fyr83yqv+zXXeF7zUL/wzpN1q0MVtqVxaxzXUEG7y45GXcyru/u1z/wAQNNutZ0XR/D6xz3lreXlvHqVy3zbbWP8AeSbm/wCmnlqv/bStDxJpfijVNQt7zQ/E1tpFntXzrS501bjzG3fMytuXb8tAbm5JdQrcLC00S3DLuWDzF3N/wGuZ0vxl/aXxC1zwq+nyQTabZ294tz5ystxHMzL8q/w/davF/En2O30v4uWPiHbB4wbUJr7Rbtl/0uaPav2L7K33vlZdu1axfH3iPVtJ+JkzX80iwt4X0tfEzafJ/pdvGs0nnNHt+6ysy7v4lXdtoDY+qGX943y1H5Sq33a8R+KGrTaM1ndaDfX154bt9HaaaPRtQk+12qs25b5dzf6Qvysu1m/hq5a+Mta8eeJvFljo3iCXSodH02zuNNaOOPbdNNC03nTKy7mVvu7V2/xUw3PZGiXb92q8ixxbdzKrM21dzbdzf3a878K/HPS9W8M+F7zVre+sb7WrGO42wWM01srMzLt8xVZV+Zf4v4a8z+InxL0XxN4y8I3zeILaK30fxVa28OmtcLGyxq0izXUyt935tqr/AHVXd/FQM+jmi+b71R+U38LfLWW3i3S7i6uLGy1CxvtUjVttit5GsjNt3bf9mvM9F+KUmveAfBuueI7HU9PbUNWhhhn0maPyZJmmkVVk+bd5P8LbvvbaQHrn2dt33t1ObdXL2vxL0W4j8SM/2qzXw623UvPt2Xy/l3bl/vLt+b5atN4+8PxalDp8usW0V5J5arBI21t0i7o1bd91m/hVvmoC5sbpN33W21DJI275lq5u+6rfLXK+G/GUfijWPEmn/wBn3NjcaHdR2si3LL+83R+YrLtZvl20DNxrhdtCsrVMyr93bTWi+X7tADWprVI0S7ah8r/aagBrd6a3zVJ5TVDIsi/doAGSmstNbzP7tN85l+9Gy0DRI33aa3zU1pfl3fw0earUDGt/dpqrTpGWjduWgBKYy05aa3egBrU3bTmpf4aAKzLtpq1I3emqu2gBu2hvu05ac3emBDtqORlT71WFqnffKy0AOj2tu203yRUdr95qsNQBXaJd3y0NEtWGWo2+ZqRSK7Rf3ajaJmb5W21ao2rtoGcfefDnSbprhWjn+x3E32i409ZmW2mk3btzR/73zMv3WqTVvB/2zWo9as7yXTNWWH7O08EayLNH/Cskbfe2/wAP92uppNtAji7zwXdS+ItD1ZdYkabTftG5Z4dzTecqq3zK3y/Kq7VVap6f4dm0G48WX2rtZ3mn6tdLfNB5Mknl/Kse1l/iX5Vau8bvQ3y7WX5WoA434bwXFn4Rs7eeHa0Mk0cbLGyrJH5jbWVW+ZVb+Ff7tdVu96k27vvUbaaAjZlqNWX+9ViSJartEtDC4fdWm7lanMu6m+VQIWmUMvy1H8yUDuSN3plJ8z03Y1IBzfeprUfNTV3L8rUxjdq7qjb71TSfLHVfd70ADd6Nvy05qbQA3bRTtvzUUgPUKp61qkOg6PfalPt8mzhkuJP91V3VcZqy/EGnR+IND1LS52ZYby3kt5GX7yqy7aZB5n4J+JdrptrcTeJtNvtK1q6s49Ymu5IfM+0QySbVjjWPcyqrMqqv/Aq2PDfib/hI/ipqlxtlisYfD9u1vHdwtCyrNcSeYzK33f8AVr/3zWp4T8K3mk3Ed9ql5BfapDp8emxyW0bRqsMbbt3zfxM23d/u1cvvC7XniiHXIvKa4ks/7NvILldyzWu7d/30rf8AfSs1Ik5fQ/G+i+NPGV5JpOsQT6p9lmsdPa2j+0Lawr80k0n8PzSKvys33VX+9Vfxh4S8UXHh/SbNbi68Y30OuWupTTyLDaxxwwtuaNfm216dp+kQ2Ufk2dnBZ27fw20Kxr/47Vi1uLW41K6sYLqNry1WNriBfvRrJu2s3+9tagDh9a8G658QfD/iDT79bXw9b6hYtbxrBJ9ok85mX95Iyqq/Kq7dv+01TN8LZpdSm1b/AISK8s9SvrGOx1ZrS3VY7xV+6yq27y2VWZd3zV3F5cTaa1jHb2M+ofaLhYZGgZVW3XazeY27+H+H/gVYvg3x5a+JtJvr7UYYNBa31K403yLm6VtzQtt+9/e/2VpXAot8JfDd1dedLZyyw/2X/Y62n2hlhjs/+ee1f++t1Wrf4Y+Gbf8As9YtBtd1nGsNu0itM0catuVdzbvlrqNc1yx8OWsc160i+ZIsMMcELSSTSf3VVfmZvlb/AL5rl/8AhPNB1zxN4Nt4b7VopNSW6ktY44WhhmVY2WTzty/eXa21fvbqNwOqtdL8qZpFhiikk/1kqxqrN/wKrVvtfzI45I2kj+WRVb5l/wB6vIfgj4yvpdFh0ezjbXr5dS1Brq5u75v9DhW6kWNpG2szM23aq/e+Vqq6L4mt/hzdfFCS1t42muPF1vY2cDfKrXE0MKrub+7uZmaiwHtF5cQ6Xa3F9eXEdta28bTTTyfdjjVdzM1c/N488O2+h/259ukaxkby42js5vMmbbu2xx7d0ny/3Vrz/wAfeN9YsLX4heD9cazvpP8AhF7jUrPULGFod0e1o5I5I2ZtrK38W75q9Q0H7RdeCdDmsPs0WoLpdv8AZZruNpFjZoV/u/NTAk8K69o/jTQ7fWtGvlvtPm3Ksiqy/MrbWVlb5lb/AGawfGnxS0/wLJdNLoutarY6ftbUtQ023WSGx3bW/eMzLubaysyr91WrF+Cd9daT4T1TSdZt7GxvNJ1q6tbq7gbbDeTMyyNMrN/eaTbWl8TvFWj3lrdeD59asdMk1CH/AImUk8yx/Z7Vvlk+9/y0kX5V/wC+v4aAPRIbi3vLGG6imWW1mhWaORfutGy7lb/vmvO9N+LFreNoOoS6W1t4X1y+bT9P1Rrj5mk+ZY2kj2/LHIyttbd/d+X5q3JNe0PVNHh0HSdUtluNU0mT+zYFbazQ+X5ayLu/hX5fmrxnS7eTxR8K/hX4Lt9v/CRabq1m2pWP/LSzWzaTzmkX+Ffu/wC9uXbS3EeoXXjDXNL8UeINDk0/SPtFroMmuWs8Uk22TbM0arJ8v+z/AA1qfC/4iaf468M6DcS3mnxa9qGmx6hNpcEy+ZGrL/DHu3ba5fxlerF8WvEEkvyxt4Fk3f8AArpq898C29vptr8A7iy0t7a+tVmj1SSPT5Fkj3W7R/vm2/3v71FhXPoiTxh4fi1xdFbWtNXVm+VbRrhfM3feZdv97/ZrHuPi/wCBbW6t7f8A4SrR5Li4uPssccd0rbpP7v8A49XjfgPQ2lXSfDPiTwz4jvPFWk6xJdRzzySf2czec0n2xZl+Xbtb7v3m+7Waum2fibwD8WPB9loM9zrWpeJr6Oxkj09vLVvMXbJ523aqx7Wb71MLnvVj8UtBv/H2qeFRN5V9p9vHNNJIrKu5tzMv3f4VXdu/2qsaf8UPCusyTQ2WsQSyR2v2xlZWj3W//PZdyruj/wBpa87+weJPD/xE8USW/h+fXo9U8L2dnb3Mir9kmuLdZt0czbvl3My/L/Furn/BOk+JLD4jeC/EFx4X8R/ZYfD9xp9558MccdrNuj2xxwq37uNdrbf4m/2qAueuaH8X/BPiPUNNsdN8SWd1dagzLaxru/fMv3lVtu3d8v3fvV1WoNJFZ3ElvCtzcLGzQx7tvmSbflXd/DXzT4b8L+JNJ+GfwvsX8M6ut9oPiaO+voFtfmjhWSZmk/2vlkWvbrPwvfaHq15rj+KPEGr26rNIuiMsLRtu+7HHtVW+X+H5qBnNx69428L/ABE8M6Trl1pGtaX4iaaHbp9q1vJp8kcfmbvvN5ke1du5q9A16W4t/DuqXFlNFBfQ2s00Mk8fmKrKu77vy7vu15f4X8W+ILzxdHqmr/D/AMQR6lcN9jha5jjW0021Zvm/ebt25l+Zm2/N8q10zeHNY02PWr6fxRrWvW81ndLHozWcLLukVtu3y4/MbbQA34d/Eaz1rwT4Lm1nUIF17XNLjvPIWPa0zN95lVf9quitfG/hu/1r+x4NYs5dU3Mq2nmfMzL95V/vMv8AEq14X+z/AGfij4X/ANi2+t6Hqt9Z6tp8MMl21i32nRZofl+zyfL/AMe7feXb/Fu+996s+NdebWvBepS+E9cs20fxZNNcaXp+n7bS1hk875o2+9Mzbt3mbtv+7QS9T2jxF8SNDi03Uo9E1zRb7WreG4a3tJLpZPMkhj8xo9qtu+7Tvhn4803xv4X8PzPfaY2vXmmw311p9tMvmRsy7m/d7tyr81eb/D3wzb32qfFJf7BaC6vtWvLjT5LnT/LZoZLfy1aNmX+9uX5f71c74N8L2d/4d+D9romktY+MNBuoZNWnWxa3ktYVjZbhZpNq7t3yrt/ioA+kvt+m/bv7P+2Wa3zf8unnL5n/AH7+9XN+H/GkmpfELxd4XutPt7OPRY7WaG5jmaT7QtwrN825V2/drwe6tbhfg3r3hfUYXi+KFrrE1xZt5bfabi6a63Q3EMn8S7W27v4VVlqr8QtWurf4weMLq4ZdT8Ow2ukt4i0+2bbJdQxrIsnlt/EsbMrNH/EtAH1hDFHFt2bfm+7833qz9Qurz+2FtW0meWx+ytcLqEc0e3zt21Ydv3tzL8277teC/FLUNJvJLPUvD91oetafb6DI3/CP3MiwxyWrSM3nWci/6u4Xay/981uaXr0N18dvBd5Z3FzBb6l4Pa4a0u5m+XbJDtZo921W2/3aAO08M/EGPxl4Nh8QadoepMs181i1ivltNHtmaFpG+bbtXbubb/DV7R/Fun6z4s8QeH4Y7qLUNDWFrj7TDtjkWbdtaP5vmX5a8H0/VLiw/Z9jvrDVLmxuLPxpJGzWlw0fmRyaptZW2/eXa1XviF4ovPC/x48aW6zT6RpOqW+jw32u23zNpsf7za23/ab5d33V/ioA+gvK3SbqkuLOPzluG+9UNvEum6bD/pEk8ccf/HzdyeYzL/eZv4q8b8D/ABQ8RSeNvCen3l9Jrmk69p95M13JarbwyTQ7WVrX5Vk8n5tv7z/eWgD2bym+Ztyr8tO0u/tdS023vLK4ivLWaPdDPC25ZF/vK1eR+Afih4g8R6pdaTeXFnF4gt7Gaa40S+sWt5IbhWXa0bK376327vmX/ZrJsfiX4i1bQ/gzdaXHpWmW+vXE0d1YwRtHDuWGZlj+X7sfy/d/vUDPaL6zkum3LHG237rN95ahutJtbpZFn0+1naRfLaSS3Vty/wB1vlrWhuPl+b+GjzVpXA4u++HPhu6haOXw/YsscbRx7Ydu2NvvL8v8Lf3aq6p8PtF1zUo7q9sZIJo7X7HHJYzSW7ND/wA8W8tl3R/7Nd5uj21G23d8tMCnotqujaXb2NpGtna28awwwQfKsca/dWuR8eeA9L8eQ2cOorGv9n6hb6gv+jxt53lt/q23fwtXbSOq01reOX7y/eoKWpzK+HNHXWodU/snT/7Qj+Zbv7LH5y/Lt+9t3fd+WvL5PhV4o03wHoPhm3vNI1CHSdah1K3k3SQt5MczTbW+Vvmbdt/u/LXuTWsa/wANUYbNbe8kZm3M33aYtzyXxJoMPij4qaSum6lbNHfQtD4isYJFkZre1kWSPdt+63mN5P8AutXN/GLRvE2pat4kjh8P6hc2q3Wn6latpcMfl3CwtG0kkzf6xpF2sqr/ALK171p+g6fpNxeXFlp9rbXF43mXU8MKrJM3+0y/eouLdpd21vvLSJaOZs18TXHib7ZLq1s2g3CtJ/Zcmn+Xcwqy/KvmLJ95W/2a5nwDrNrcfFb4oRwXEE8zTWMiqsn3ttrtb/x5drV6JJazKysiqzKu2q62cn2qORoY1by9u7au75qBoz/Cuua5qjXS654fj0No9vktBfLdLN97d91V27fl+9W5NdLFHu+9/DVVreRfL+Vvl+9UMcci2/zK21pG+agotLfr53k7W3VYqnDbqt5u3bvl21eZfloAbu+WoqrSNJFNt3b1oaWRYVk2rQBM3emVW+2/M26Nlohum3Sb1+Xd8u2gCxt/vU1ol/u7qjkuPl3I27dUkcvyqx27qB7kbWq7qi+yr/eqy3zNUNxcR267moDYhkt22/K1N2SbvvVNJcLtbf8Ado3L/C1AyFlkVajaVv7tWmqKgCt5n+zTvNWpGWhaAK/2hVapNysu7ctNkt42+8tR/ZV/4DTAm3bahkVZetEirFG0jybY1+ZmZvlWuFuPixps00y6RZ6n4js7X/j81DS7fzLa3/4F/wAtG/2Y91AHbLFtkqSs/S9WtdesYb7TbqK8s5PuyRtuqw3mL92gCw3y1yvjjVrrSf8AhHZLOTylutat7Wb5V/eRyLJuX/vrbXSNcN/drjfio3/Ej0eTbt8nXtPb/wAjbf8A2akM7Db81C/epv2hWZv4acsi/wB6gdwZfmoZaa0q7qPN3fdoC4bajZfm+aoYb+1vJJFt7qKdo22yLHIrbf8AeqZvu7qABlqNvlWpFqOSmDId3zUbvenbVao2WgkTmkWneVTmXbQBXuJdq7qp/at38NXJl3LVP7PQBNC3zfeqZW3VHGu2pNlIYMtRslSNu20ymMZ8rVGy1NtprUDIV/2qGX+7UjL8rVGtICPZRUklFAHpkisy/LUf2f5fmqx/FWL4y1SPSfCurXj3ktjHDZzSNcwLukh2xt8yr/epmRc1C/0/RrNrq/vILO3X/lpPIqrXK6p8ZPC+l6euoQXUuq2flzTNJpsfmeXHGyrJI27b8qsyrXkek+Jo9L0/xdZ2Ef2zUmvrP+zVto5LxbOSS32tMzLu+ZV3M395t22trxN4G8ReKtBt9B0TQY7Pw7Hpc1jayalN9nkWb5ds00f+sbd8zKv975moAua5401zwL40+JGqaNo665p9rHp99eNPfNH5MPlszeSrbvm+8237vy1uap4w8UXl146t9Gt4J5rOHTZrGO22w3M0dxuaRfMb5fM2q23+HdU0nw31a61DVvtWrWv9l61Z2drq0EFu3mN5Me1o4ZGb7rfd3Mu6ugm+Gej6lqmqX1xNfS/2k1u0kCzeTHD9n/1Pl+Wqsu3/AHv4qTQHB6b4tbVG+H99BrGvKv8AwlUljeWmqN5cy/uZG8mbb/rNu1drfd+aud+HfiiPQ/iNqE2rwxX2gza9qkem3cC+d/Z9153zNIq/89I9qrJ/D/wKvdLXwXotrHZqulwT/Z5mmjkuY/OkWRm3NJubc25v733q6bS7VbeFo0jWCP8A55xrtX/x2lYDhfi5oa+I9L021lsdVufLvPMW70STbd6fJ5bbZl/vf3WX/armdH8K+NG1D4c32qRx6ndaGt819cyXEcLN5y+XGu1fvSbdu7b/AOPV7JNatLIyq21adHpKqvzSNRsB4f4B+B/iTwXrVvrVhqmm6ZqU1xdSaoq+ZNDqFvJM0kasu1f3ke5tsldRJ8G4dXj8UW+s6tJPH4g1CPVlaxh8mSxuI1VY5I2Zm3bfLX7y16hHaqq/MzVItnGrblouB5r4o+Gk114R8XSJfT654m1TR5NPW7uVjhZl2ttjVV2qu5m3f71aWm+FY/FHhXRbfXtN1PRbrS444Y44NS8tmZYVVm3W8nzK3+1XbSKrLtqaOJYl3NRcDFm8EaHeaHHos+k20ukqyyfZGXcu5W3bm/vNu+bc1U774feG7/ULq8uvDOkXl5NJukuZ7GOSRv8Aa3MtdgrfLUbS7aQFe10u3Vlk+ywRSRx+THJ5a7o4/wC6v91f9mrlnaqskkjKvmN8rNt+Zlpy3C/xfeqRrhYl3NQI5vT/AAL9g8YXniaXVrrUNSuLH+z1WSOOOOGHzvMVV2ru+9/E1bjWszN80jP/ALzVaWXd92hZf7ytVCKrWc21VaT7v+192uf8J/D638Fw6tHZXV1crqV419cfa5lk/fN95l+Vdu7+7XVfaNzKqq3/AHzTluI2+633fl+agRV+xyRQqqSL/wACqRbD/V7WX5ac11HLtUTR/wDAmpsN/bruVrqD/v4tK4DZLBmVvmWrXlfu6q3WpW/y/wClQL/22WiHWbWVd32y2/7/AC0xgtm26Rty/NTlt2Xb935ab/alru/4+oP+/i0NqVuzbluItv8A10WgBrae25Vbbt3bqsTW/wB1t3y0Q3Ucu75l+X/aqZZVb5VZW/4FQBXkiaWTd96oZLOT5WaRmZW3ba0I9235Y2b/AHaa3+61K4GfNZyXC7t23/ZqSGzXb/q1/wB7+Khrr940a/eqZm2/e+Wi4jP1TRrG4WNp9Ltbzy23L5lvG21v++apzeH7O6uo7y4021lulb5Z5LdWkX+H733q2Le6WX5d3zVY/h+amBysnw58L3Fm1i/hvSvsLSec0C2caxtJ/e27fvVDqHwx8K3DalNLoNtLJqFv9lvGbduuIf7rfN8y1125f4ajZlZfl+agDm7HQbHRtNh02ytVi02ONo1gZmkVV/u/MzfLXE6f8DPCel6pos1nb6lFJpbSNar/AGhMywxyL80e1m/1f+zXrC7d23+Kj5f4qVwPL9L+E9jo2qWN5FqmpXN1p9nNp9jJctG32WOT738K7vur97dWfa/BWGz8O+FdJsvEF5Zt4ZvGutPvmt45JPmVlZWX7rf6xvmr15Yo2bdtWmyWsbfw0gMlW8pdvmM3+038VQzSyJt/2q1vscf937v3ajWwj3bvmpDMtWmZvlprSMv3v4a1vsEe1lVm3M27dVe40lZV+Zm3bt26mtAKMl0vl7tu5qdb3DSq3/jtSSaWzMvzLtWpre12r81PcaKMl00U21v7tQw3H2jbIrbq0JrWTztyx/LtrPWKRY418llbdVBsTTXDLuqPzfljbbt3UTbZVkb5lkVdtFjEzWsLO27bSEN8/wCZt38NR/al8xV/iaiZVuLj5G+796oVjZdrf7VJgXGlj+b/AGfvU23lVt2771V5vlWRk+9VOOWb7RI21fu/doQzWa3Vm3bVokXctVY79vLXd81Wo5VaPdTGV5LVZWqGazXyVj3fKtTR3kbblVqGljZvvUAUZLVm+81RtYNKrLu27v7tXlmjlj3K3y0M1AGetu0S/d+VabJ935vvVoVDJEsrf3aAIbFt0NUdUbbdLGu5lZdzf7NaVvb+V/F81SSW8bfeVWoAydzStIrU2RmVlZf4VrQazj3bqjks1b+KlcaKa3jbW3x/NTZLr93uWrC2DKzM0jN/vfw1XWwZd3zLt3blWi4yS3Zpd26pGZV+VvvVHDEyszGoZlkaZtq/Lt20XAk81W+61YfjTxNN4X0m1ks7FdT1C+vI9PtYGm8lWmk3bdzfwr8rVekVlVt3/Aq5H4kMq2vhf+FV8Saf/wCPMy/+zUwCP4d3Xiho7jxvqja0qtuXRrHdDp0f+8v3pv8Atp/3zXZNZrFprWdhIumKsbR27QRrtt/7rKv3flri/h/q19qWl6lJfXUtzNDrV9a7pG3bVjmZVX/vnbXTNdSedHuZtu6gk8v1C31TwhrDXVxNB4e1a4k+XVI1ZtH1Zv7txH/yxmb+9/481dx4f8eW+pXH9m6tC2g65GvmNaXci7ZF/ikhk+7JH/tf99VsXE0d/Z3FndQx3NrMrRyRyLuVl/2lrzv4meGdLs/hfDpv2OOXT7G8s/LWfdJ5atdRqy7m+baysy/7tK4G1cfEv+2biSx8Gaa3iW6jby5L7d5OnW7f7U38X+7HuqOb4XzeJl+0eMtYuteuF/eR2NizWdlbt/ejVW3My/wszV1VvcQ2arawQxwW8P7uOONVVVX+6q1ea6VVXd8tMdzy/wAO+PLjQ7eRriafxD4dt28uTUPLZb/T2/u3UP3m/wCui/8AfNelWN/a6pZw3VlNFc2sy7o54G3Ky/71YPijwfZ65cLqVrNJo+vRr+71Kz+83+zIv3ZI/wDZb/gO2uL1bRta8A+E9S8TWUlnpWqQ7pLzTbbdJp18u7b5nl/K0cnzbvlpMZ6s0S1578RNeh1L4f8AjJfDWpR3OqafZssn2GTc1vu+98y/xbd1TL8Ppte/eeLteute/wCobbf6HYf9+1bdJ/wJq7LR7Cx0ezjtbCztrG1j+7BbRrGv/fK0gPM/GlhZ+F/CvhnWPD0MFncQ31ja2rWy7ftEMzKrR/L95WVt3/Ad1SeBbBfG83ibUtXmuW1KPWLixh8u4aNrOGP5Y/LVW+Vtvzbv4t1dxb+C9DsLy3vLexVZLVmkt4/MZo7dv70cbNtVv91ap3XhKzuNUuNSsry+0i6utv2ptPkVVuNvyqzKyt83+0vzVQyvJqVnpsMPhl9Yl/tb7L5Mc+1lZpFj3bt33d3y7tu6vO9L+IOpXXgnwHNFrV9/amoXlrb3kklr/rFk3btrNHt/u7dtegappepXWtaXZ2elquj2K7ob77VG3lzMrRtJJGzbm2qzf7zNVH/hWNxb+CfD/hu31hfJ0e8t7qO5ktfmkWFtyrtVv/HqAOu+1RrcfZTNF9q2+Z5HmL5m3+9tqbc22uRtdJ8r4lXWoWcNzumhZdQkubf92u1V8vyZNv3W/uqzL8tdktAivuZaczVM22o6YFdmoXbU+3/ZpjKtAEfy/wANCt81O2/LUbRUgJGao2prbqGVqCkN3bqazUeVUar/AA0xkm73oVaj2t/DUm73oAGWimuzbaKQHpk27yW/hqjJardRtDPGs8MitG0ci7lZf7rLWpt3feoWJV/hqzIp6fpsem2sdvZW8VnbxrtWCGNY1Vf91asfY/m+ZqsblVf9mud1j4l+GdDm8m41qz+1fd+zRyeZN/37Xc1IDoIbWPd/tVYVV3bVXbXFx+PLi83NpHhXXtTX5dsk9utnG3/ApmX/ANBqRbzx1fs3lab4f0VW+79rvJrqRf8AgMaqv/j1Jgdt91flp1rLu+Xb81cSvhTxJeeW1/42niX+KDSdNht//HpPMaiP4W6bcSM2p3mua1ub/l+1SZV/75jZVpAdheazY6NDJJqN9bWKq3zfaZlj/wDQqw7j4v8Agu3Xb/wk2mzyf887Sb7Q3/fMe6nWPwv8K2DLNB4Z0pZFbd5klqsjN/wJtzV01varZq3kQxQbv4YI1X/0GluByMnxV0m6j/4lmn+INVk/u2mj3G3/AL6ZVWmx+N9avIYfsXgnXpV/vXclra7v++pN1dhcRSSybvmanR2rLDGqr92iwHI3Gs+NLpW+z+E9Psdv8V9rSt/47HG3/oVDXnxAl2q3/CK2K/e/5erhv/addhHbzeZJ8q7W+7U0NgzNuekBycOm+OLyZWfxZpVsu37tporN/wCjJqdN4P8AE0vzS+Pr7/t20u1j/wDQlauyht2Vvm27qka1Zl+9t/3aAPP18B6ldMvm+OvErf8AXOS3j/8AQYakk+HMMv8Ax8eJPFU7L/1GJF3f98qtd4tgvy7f4ak+xqy/ep2A4Gb4WaTKu6e816dV/hn166/+OVM3wi8L/Zdz6fdStt+9Jql0zf8Aoyu6azVvvVN5Ssu1l+WmI8zt/hB4RZo1/sGJ1b+9cTN/6FJVxfgz4JXd/wAUvp8rf7Ss3/s1d9HZxr91du2pPs67t22gRwa/BvwT+72+E9I/2t1qtTL8J/BdurbfCOi/8CsY2/8AZa7hY1X7tO8pW+bbSsI4tvhj4P3Ky+FdFZv4t1jG3/stNj+GPg+K3b/ikdB/8F8P/wATXaLbxqvyrQ0S0wOLt/hj4RlZt/hHQfu/L/xLYf8A4miT4S+CfOVl8I6Lu/2bGP8A+JrsvKVfu075d3zUAcH/AMKd8D/vGbwrpX3t3y261DJ8IPBK/MvhfT1/3VZf/Zq9C8pW/hpv2WPb92gaPP7P4S+DfMbb4fgX/dmmX/2pU03wl8LrJIyabPB/1z1K6X/2pXdQ28cTfIv3qJrVZfvLSsM87/4VLoat8jaxArL/AMs9avP/AI5Tf+FaWNvHIsWueJolX+FdcuP/AGZq9I+yruprWcbbvl+996iwjzWP4fbZP3XibxRAzfxf2ksn/oUbVY/4QvVolk2+OvEafw/N9lb/ANChrvlsI4m3LQ1hHuZvvbvmpgcD/wAIz4iim8v/AIT7U23L96fTbWT/ANBVabJoPjK3td0HjK1lZf4Z9DX/ANlkWu8azXdu/wC+ahk09tqqslAHD6XZ+ON0jLr3h6dv+mmkzR/+gzNUjN8QIrhmaPwvefL/AM9rqH/2Vq7a1s/su77rbqbJas0zN8u1lqRHEtrnja1t1b/hGdHufm+7BrTL/wChQ06Pxh4oi/4+PA8rf9e2rW7f+hba6xrORfL+VW2tUclqzbvl/i3UAcuvxE1CJttx4H8SxbfvNGtvN/6DNTZvilY2u1brQ/EtnI3/AD00WZv/AEFWrrlt2aTzG+X5dtNjVtzMzfd+VaBo49fjJ4ViVftGoT2bfxNc6fcQqv8A31HVi3+LHg28b914q0j/AIFdLH/6FW8zXDWflpJIrbqj1izhurORZ7eCfd8v7yNWoGR2fijR9S/49dWsblf+mV1G3/s1akf+kfc+b/dri5Ph34Zv1k+2eHdIlb73/HjH/wDE1jt8J/C8q27JosFmzbtzWkklu3/kNlpoWx6RJuX+GoZPmrgV+HOm+T5dtqGvWLbvlkttauvl/wCAtIy05vCWoW7NHb+NPENttb5fPa3uF/8AHoaYbnceUu77tDL8v3a5GHQfF3k7ovGkbN/D9u0WNv8A0W0dRtL48t2ZftXhm8X7q+Zb3Fuzf98s1AWOs+zxs27bUbWcf8K1yf8AwkHjS32+b4Z0q5b7v+iaxt3N/wBtI1qS48Za5ax7rrwLq6r/ABNaXFrcf+gybqTCxvTWe5m+Zl3U1tNbzN3mfw7a5dfiXZxM32/SfEWnqvzM0+jzMqr/ALTR7qmX4xeC/l83XoLZm/5+45Lf/wBGKtCGdBJZssarEy/8CqaO3226r/FWbb+NPDuqRq1nr2lT7v8AnneRs3/oVaC38bRrIkiyq3yqytupjKflMsjfu/vVDIreYu2NlX+KtRpF2szfdpvmq3y/xUAY+1VVf9pqdDuZfvfdatJlVvvVD5UartVaAM24uJNu5d27/ZrQXc0Kt/Ftps1nHKv3akj+7tWgDLuLqTy5FdV3f7NRx3jW6sqqzbatTaTukkk8xt0n8LU2OwaLzNzKzN92kwHQ3Syx7v4qa0/75cfdpsdlJE275W/hoaJlkXctIA83dIq/w06ZlWodjeYrCi8X9z833qAHbtzUbaot8qs27+Go2uJljX/e/wDHadhovSLu21xPxai/4pvT5v8Anjrmmyf+TUa/+zV2VvLuh+b71YvijS7fxHpd1pd6sn2eTb80Em2SNlZWWRW/hZWVWpjM/wAE+H5tG/4SJbq38pbrWrq8t/mVt0MjKyt/6FW5Npqs25fkriY/FureCF+z+KlbUNLXasfiK2X5V/urdR/8s2/6aL8v+7XcR6lHcLGyMssci7lkj+ZW/wB2gkpx6a0Tfe3f8Crk/i9ayL8Ndek2/wCpjjm/75mjanap8Ulv9Sk03wlp8niXUIWaOaRW8uyt2/6aTfd/4Cu5q5fxJ4qvvFXhHWvCtnJH4s8UXUckM0mjQ+XYWO5vlWSZm2/Lt/vbm/u1IHpy2rMzfxbvmqaa1k8tfl3baxfDvjez16RrURy2OsW/y3Wm3a+XND/tbf4l/wBpflrpmlpoCj9nk2/Ov8Ncz8VrdpfhT4qVflZdPkb/AL5+auo1bVLXSbdrq8mjtrVfvSSNtVf95q5HXvFWl+MPhj4yutOmaexj0+6hW7kjaOOb9y3zRs33l/2qZRqaf81rayNu3Mu75q0Nu2Hd826pPDbrcaDpsn8UlrC3/fUa1caJakDN81lb73zNTY9235a0vKj3fdXdTWtY1+ZVVaAKay7ak89qka1XdR9lp3AbMzeXVdbr93Vzb8u2qslqu3b/ABUXAh+1bmprXir8v8VSfZ/7tV5rdt395aQAt+3zb6mWdWWqv2dvvVNHF8tADmlWm/aKhZWWo/mX733qdwLSt/FRu31Rklbb8v3qj+0Nu+98tFxmgzLUMkq/8Cqvvbd/s01t22mmMtRyq38VOaqq7fLq1D935qYx3zUU5qKQHpGoXFxb2M0lna/brpV/d23mLH5jf7zfdrm5rDxlq0f+latp/hyFv+Wemw/bJv8Av5JtX/x2utpVXdVmRxq/DHS79d2rzal4jk/6il4zR/8AfuPbH/47XSaToljocaw6Xp9rpkKrt22lusP/AKDWoq07bSAatvub5mZqsLbr/d+amqv92pl+9SAdHEv8VTKvy01ad5qqtAE0a1JsqvHcbpNtWFZWagCRUpaVak27qQEaxfNU21vWhakXtUgMp6rTlpypTQDdtOVWpaevamIbtp2zbRUm3fTFcSl20LS0BuJtp22kp9IBu2hl3LTm701qBBtpu3fTvvULQA3y6FSpPvUygaFWjbRup1BQyk/ipzUlBLEamtT6RkoAjbvTdtS0m2gCFl+Wm7ambbTOaBEW35qjkWrG2m7aVgIdtV5LX5vM+ZWq5sprUhkOyjyVqZVqNqBlWS3jZm+Vah+wRqqqq/d+7V7+Khu9AGXNpsfl7VXb81RtpsbLtatRl3LUbRfNT3ApxxeVHt3bqrzWDSSK3mfu1bdtrQb71G2mBR+wKtw0lR3kW6Hy6vMrLULLQK5mzLIu7buqvcSzbWjZmbd/e+atrbTWVaBnMr4X0PVFk+2aHpl4v8Xn2ccn/oS1zupfC3wn5n7rw7Zwbm+ZrTdbsv8Au+Wy16N5SqvyrtqGS1h/iWgZ53N8OdPWO4jt9Q16zVdvlrBq0zKv/AWZlqT/AIRLVLWRltfGmuL+7/5eY7e4/wDQo91d1JYRtu2/LVeTTV3btzbtu2gRxa2fjRVb7P4m02+8v/n70fbu/wCBRyLUMd542t2mZrfw9qDLt27bq4t//ZWrtI7Jljb5qjWzZWagDl28TeKLeNvtXg3cy/xWmrQtu/4DJtqqvj66t7hpLzwv4gtrdV/htVuPm/7Zs1dlcWbXH+9UMdu3nSMy7fl20rjOZ/4W14bVf9Ik1LT/AOHdd6XcRr/315dO/wCFpeEZF/deJNMZtv3WulVv++Wrajimt1VU8xdtVdUsIby3WOW3gnb+LzI1b/0KkBc0/WbHUo42t7y2n3Lu/dzK1TeasrbVrl5PAPh26jXzfDOkTt/E32ONW/76VayYfhvoMVxJ5VjeWe1v+XHUrqH/ANBkoA7xnVW3U2ZlauPuPAv+j/6P4g8R2O37q/2h5yr/AN/Famr4f8RW6stv4wnbb937dp8Mn/oO2nsB1jRLUbWsbfw1y8y+NrdlVNS0G8X+7LZzW+7/AIEsjU5tW8YWv39D0e8/64apJH/6MhpgdRHEsS7VqnJpv7yRvMb95/e/hrBbxpq1vuW48F6nuX+K0ureb/2orVH/AMLGhWRmutF8QWca/wDPTS5JP/Re6go6KSwZlkjXbtZdrbl3K1cLceA9S8J3jXng1oPs7Nuk0C7k8u2Zv70Mn/LFv9n7v+7W0vxV8Kru83VPsbL95bu3kh2/99KtWIfHnh28Zfsuuabct/djvI22/wDj1AHEt8O9c8UTK3iu8jgsW+b/AIR/RGaG0X/rtJ8rTf7X3VruNL0OHSbG1sbO1is7WH5Vhto1jjX/AICtaVvqVveq32eSOf8A65tuq1tbb8ytS3JOT8TeEtP8URxrerLBcW7f6PqFo3l3Nv8A7sn/ALL91q53/hKNU8FtHb+KPLn01pFjh8RWy+XD/u3Ef/LNv9r7v+7XpDbfvNtqNlhuI2jZVlhkXa0bfMrLTA8P1iWz8ZeJLhtOW5+IN1Dcf6PHcssei6b/ALzL8sjf9/G/3a6i1+HbatNDdeMtQ/4SO4j+aHT1XydOt/8Adh/5abf70m7/AHa9Et7C3tbWO3gt4oLeNdsccEaqq/7qrRJZx7V2rQO5Rjlk+X7tNa8Zflb71Wvsart201rNd26pHcbZ7muGZvvbakumZV+anR27RSbmouImlb73y0AVY7jbGu5vmqRbpf71R3Fq3l7U27v9qo/suxdv3qAJpLhdrbaj831qNrdm/hoVdrfNQBJ5tCsrVVkVmajaq/doAsSbdtG35aoyS/e/u1NZ3HmUATMq1C0StUkzbWqv9o+9/eoAa1uq/wANHlrt27abIzeX8v3qLeVpV+Zdn+7QBJ5S/wAK02SBajmuPs7fMvy/3qb9o81aCkO8pakX5aryXG1flqaFvNjX+9VDHfWipGVaKAPUFSpt1Rr/AHacy/L81WZAtwrNTvtTL92q9v8A6yT5ahmVv4PvVLA1PtSrUi3Csqt/DVGOKRo1Vl+arUcTbVX+7SAmkuG3Kv8ADTv4WoaLcy/3amhiWgCq25ZN3zfdqS13M0f+1Vz7Orfw1MsSrQBJHUtRRsv96pGbau6kwFpVojbdUm1aQAvanK1RyNsqRWXbupoQ+lWmqy1Irf3aYgpyrTWl2rRHLu/ipiJtvy0lMkl2rUbK396k2MtKtFR27N5fzUSXHzbaVwJKGXctQrcbak+0f3aQh2ym7aat1uajzV3UALT9lV2k+9tapIW3RrmqGLT6rzbvvLUit+7oC5JTKi+0bWaq8l1J9oZVb+HdtpXAu80jK26qM1xJbr5jNu/2asR3Xm/Nu+X+Gi4iZqjbvTmnVfvNVe6bd5eP71FwH0Uvy7aa0vy/LRcAb7tLzTN26n80XAZuoWlplIAZaj21IvamtQMj201u9T/w1F96gLkbUnNLJQ1NBchZfmplSstNbvTAa1Q1I26o6BCfw03mnt3plAxjU36075d1NoGN202RakbvTZNtAFXymZaay1Y3bfu1C33vmpgRstQqrVaZdy03bSYyuy/LUckSsv3asNTKVgKixU1rf5mZV+9Vr+9tprL8v3qYFVrdWVlb7tV5rP8Au1fpjfeoAzZLNv4W+7VWS1kZvlZa2JFpvlLtpbAYa2rW7SMiszNTVt5vmVt3+9W55K1HtX1ouNGSzSeYytu8vbtrLvNJ0+/VluNNtZ/m+bzLeNt3/jtdM0VRtbq3/LNaQzg7j4d+FZfOZfD+mxSbv9ZBCsbL/wACXbTW+HOi26s1r/aVmv8AdttUuI1/758yu8+yxqv3VprWq7flpoTOF/4QuSJv3HibxDAv3drXizf+jI2p1r4Z8QW8knkeMrll3fdvNPhm/wDQdtdhJZruoW18rdtpiOPk/wCEys5GWLVtFuY/4ftOnyRs3/fMzU1bzxlEys1roNyv8Sx3k0P/AKFG1dVJatK3zN8v92q7Wcm75GXbu3UtwOdk8QeJoFXz/Cqsytt/0TVIZN3/AH0q06PxlqCs32jwjrUW3+KP7PN/6DJXQfZWX733t1DWsm1mpDsc/J8RrGLb9o0vXrNv7smkzN/6CrVX/wCFq+G0b97qDWzbd227tZof/Qlrpvs8isrKrbl+WmsszfMzN93+9QGxj2/xG8K3W3Z4i0zc3y7WulWtKPXNNuF3RahZyr/0zuFai4tVulVZ4Yp9v/PSNWqjeeEtFuo5PN0HTJWZdu5rONm/9BoGbFvKt5HuiVmqOZlWTaf96uXj+HPhny/k0GzVv+mEfk/+g7ahk8A6P5jNFDfWLNH/AMu2pXC7f/IlAHWL838O6hol3fdrk18FxxNui1zxDF/u6kzbf++t1NXw/qkLbYvFmsf9tI7eT/0KOgDqLi33R7VqG3tfKbczVz8ml+Ilb9x4qZlVfmW502Ft3/fLLUi2vipf+Y1o8v8Astpsi/8AoM1AHRMvm1H5K1zsP/CZLu/5ANz/AMCmj3f+hUTal4st423aPo8v+zHqki/+hQ0Abk0W5fkqO3iZV+asOPxH4giXbL4VWVv71tqkLf8AoSrRJ4q1KJV83wnqf+00E1rJt/8AIlAG9Nb+bUP2Xb/FWH/wm7fLu8N+IIv+3NW/9BZqa3jy1/j0/WoPm/5aaTcfL/47QM2mt2ZdtWrVWhXa1cuvxE0GJm828lgX+9NZzR/+hR1qaL4q0fxBJJDpupRXcka7mWP7yrVDNZqKPm/iooGerVJ8z0Ku77tO+792rMiOO32szU6OL5qLdm3NUMn7qZW3fNUsC5/qvmqRZV/iquzbo6mVflWkBa3Kq05Z1qvsqRV3fdpgTfaNtOW4Zt392mrbtu+X5qPsrfNtagAjZfOVqvLIrVDDa7WVm+9XM3Hxc8C2txJby+MNHimjk8uRWul/dt/db+7/AMCqBHXRt83y02SVv4qkjX/gX92pPKZvl2s1ArlWTcyttp0O7y9rfeqO8uL631DTYbfS2u7OaSRbq585V+yqq7lbb/y03N8tXo3h+0LD5kfmfxKrLu/75poCFd1SKrSt8vy15/448deIPBvgm31hrXRZ7xtah0+ZYJpJo1t5Ljy1Zfu/vNrfMv8ADXWSa9Ha+KNSt59a0aLTbOzWSa0aTbd27eY37yRt21Y9u3/gVMRreU235vmqRYmZv7tc/o/xI8J69qlvpem+JtM1DULiPzobaC4Vmkj27ty/8Bp9n8R/DN9r0eiwaxE2pSTSW8a+W3lyTR/6yNZNvlsy/wB1WoA3Wi21Iytt+WuP1b4xeD9FZftmqTxRtcfY1kXT7ho5Jt23y1ZY9rNuVl+WrF58VfDOl6w2l3F9LHJHfR6bJcrayNaR3Un3YWm27Vk+Zf8AvqgR1CqzL81DRfNTtQ1K10axury/uI7S1tY2kmnnbasar95mrylfiNdaz8dPBun2VxrNno+paPfXElje2v2eGbaqtHMu5dzfeb+L+78tKwrnqW3avzU6Nf3fy1yej/Frw34j1DS7G1kvN2qec2nzyWrLDfeT/rPJb+L7v8W3dTtN+LHh3UvC+seIIGvv7N0m4a1vPMs5FmjmXarL5f3mZdy0h3Oo2stHlM38Ncjr3xg8O+H7rUI71r5Y9NW3/tK5WzZo9P8AO/1azN/C3zf7W2na98X/AAz4c8QX2h3E2oT6tZ2q3klpaabNMzQt/Eu1fmWgDqvs7bm/2qkWL5drfLXNx/Fbwu0fheZNQaeHxNIselyR28jLMzfws2393/wL+61cn4V+IzaHr3xKj8Ta1PeWek69b2djuh8yRVmt42WOOOFfm+Zv7tPYLnp0iszKv8NOWLd/FXA3XijUv+F1eG9NTUJ10PUtBvLxtPkt1j2zQyR/M25fM+6zfK1dd4Z8YaP4y0+a+0O+j1C1huJLWSRVZdskf3l+ZaQF6aL95VOS3ZrrzPL+Zl27qy28W6bF401azl8TWu3T9LW4utG8ld1mqt81w0n+7tXbRY/FDwnqmpWen2viC1n1C8/49bZdyyTf7qsvzUAaEiyXG2No2Vv71Wo7fylVV+6tZtj468P3+vNo9vrFjPqS7l+zRzLuZl+8q/3mX/Zrn/BPxAuNS1Dx1D4juNMsY9B1r+z4Z1byY/LaFZF3NI33vmoA7Blb5d1Dfdom1bT7eSGOXULOKS4XdCslxGrSL/s/N81TSSwrMsLSRrM33Y2Zdzf8BoGZd43yrn7q0WbfLJ8zbt1XpLBpZPMZWZf7u2o7fTZI5JGbc3zf980gCZl+Vl+ao1lbdWPrXjKx0Pxl4f8ADtxa3jXWuectrOsa+SrRxszKzbvvbV/u1uSeTArSSssUa/eZm2rTAa0vzVG0sjLuVvlrP1rxRoPh+aSPVNWtdPkjt2vGW5k27YVba0n+7ubbWoturKrI3ysu5dtICGOVlj3U2S6apvsvzfepslru+XdQBH9sZVbdTftCtItDWbMrfNTVtWpgNmb5lpy3Sr95vvVHcRSMqqtR/Z2b5WX5aAL3y7aq+a3mbf4ad5TbfvVCyssn+zTuBMzKq/NUbN81NkVvL+aqu1muPvfLt/8AHqLgXvlptVfm+6zfdohZvM/2aYEzMq7t1N27qLj5o2+Wo4ZVW3jb+GgaJGX5qbMu6nbqGoKKrLUbJVv+Ko6VwIt3zLTWapGWimBXk+78tMqdkprfdoEV2qNV3NUjfeprNtX5qAG7dtR/eqX+Gotv92gY1u9Q7qmbvUe1mpMBv3qj27akkVv4aavakBC1H3ak21DcRfu6B3Bu9N3babC37vazfdqOSWqESNtamyLUf2pfu0NKr/xUmAbN3Sm7ab9oVW27qa1x81CAcy7qNtOVt1O21Q7ke2mstSMlNZWagRGyqy03yt1SbNtG35qQ0Q/Z1X5lWoZLdWb+GrTVD/FSsMrrZrULWa1oLULfepAUWtd1Cxqq1cVfvNUbf7VAFPbt/wB2q91btKv+zWgy7qNtAGW1nJtXbtokta0tlR7fm/2qAMv7HI3/AMTR5Ui7vlatH+Kk8r5qoDLbzPvbpPlqa18zy/m3f8Cq9soZV20DGc0UrfK1FA7nqy/LQzfLTZmWKNmP8Ks1eS2/xi8TeI/Fl54f0TwvbWd1b6XHq3/E0ut0kkMjbVVVj+VW+b7rNVmZ6wu5V3KtH3VaSdlijj+Zmkbaqr/tVx83xV8N3nia48IxXU/9pXEd1DHPHGywtJGv7yNZF/5aLXkPwL+L+sReH/Avh/XrH7dZ+IodQjt9WkvGmmkkjaRmWSNl+7/D96kB9Iabf2OuWMd1YXUF9atuVZ7aRZFbb975lrQjj218e/Cfx5qkXgf4d+DdN1C50iO+t9W1C4vrFtsm2FpGWNW/h+b71exfDvxV4k+I37M66tcbpfEl9o95HG0a7WmkXzI42/3m2rRYm52Hh/4g3HjCPUtU0PT4rzw7ZtJDbztJ++1KaP73k/wrHu+Xc33q5X4Y/Ebx5dfGTXPBfjTT9HVbfTf7Ut5NJ3MsKsyqsbM33vvf3V+7XifwBsF0jxJ4F1jRvtn2Gz8M3TeKILNpJP3ytIscbR/89N23av8As16d8I/FHjjXPEXiDVH+Hd5pU2pRzXE2pa3+585Y122tnH93b/tN/e3NQFzqP2lmmt/hvqmqf8JZqHhq1sbdmhXS12zXF1/yzWSRfm8v/d2/3mauu+DOvN4g+EvhPUpdUXWrqbT4/Ovl/wCWki/K27/aVvlb/drm9N1L4oalpenw6n4R8PNDqGnsuoRtqTR/Z5mZl2srbvMj8vb8q/xbqseE/hPq3gW18D6TofihrbQdB8z+0rP7Pu/tJpG3fe/hXczUBc9Q83av3a+ff7B1rxprnx28M6Tp9i0eraha28l9fXG2O33Wq/N5aqzM38S19BSfd21zfg/wDb+D9c17WE1TUr681yRZrxblo/LaRV2qyqqrt+X5ayA8xvF8WXGsah8PfD3iD+zP+EX0WxhhvmvPs8kkjR/8fEi+W3mRrtVdvyr96m3VnqXirx9fabq3izU7yx/4QuHUmXSb6S1tmuPMZWkj27WVfl3V6d4s+FXhHx1rVnq2uaHFfalax+THc+ZJG0kf/POTay+Yv+y1aVx4D8N3mqXGqS6DZtqFxD9lkuWVmZof+ef3tu3/AGfu0xHi/hvXLrWZv2cdWvdUnl1DUI7iO4kkum23H+it95d21m3fxfe+aqvgXbpvxM0Xzf7M8VaXql9qUlrrtt+71Gz/ANZ5kd8v8Ua/d3fw/LXvFj4N8O6a1r9l8P6VbfZfmt9tnH+5+bd+7+X5fm/u1oW+m2trJJJa2drbSSf6yWC3WNpP95lX5qAPl2HVNNt/2Z5rW3kiVY/GzNHBAu7bGuoLJ91f4fLXd/u16Rq15pv/AAvLxtfJZvLZ3nhFYWnjsWaOabzGbazKvzN5bLXs0csit8sjK3+9TftUm1v3zfL/ALVAHzr4P0u8sPD/AOz2qeH9SguNFuJG1Tbpc0bW7NC0bNJ8v8UjL83/AAKq9vpviy81TwnqU/gvWra40fxZNdXVjaQxw2FvC3mKrQru/ebtys0zf+O19LQytK3zM1Ok+9toEeIrca5rPjq88Rat4R1iWHQ/Mh8M6Stqqw+Y33rqRt21WZvlX+6vzferF8feEvHXia41hW8J3VzcWvia11Kxa0vIYbKS1jkjbdt3L5kzKvzNItfQyqv8LVN8qt81O4jk/i54XvviN8L/ABBodnJHY6pqFqvlrLJuVZFZZPLZl/h+Xburi47fxx4g+I3gPxBP4Ll0VdLsb63vpLm+t2jWSaONdyqsm5o1Zf8Aer15rhZfuq23+9tqaGL+LduWi4Hzrofgvx5/wk3w/wBe1Pwyzapo95dR6pPJq0PlyLNGyq0Ma/LHCu77qru/2f4q6a+8GzXXxyb+zr6KXw7qFvDrmtaevzL9qt28u3b5f+ejbWZf4vs9exSbfM27fmrD8L+DdB8JW9xZ6DpNtpEM0nnTLbR7fMk/vNSA8b+MXgHx14//AOE60tdHXU7W8ht/7FuY9Sjt7aNVVWk8yPdukm3bl3N8v3fu10lrpviL/hbEniK68N3MFnN4Xj03bBdQyf6QsjSeX977vzbd397/AL6r2D7KvrTfsC/Kxb5loA+ddD8EeKtL8B/CnS5fDN4194d1hby+jjmt28uFfO+ZW8z5v9cv/fLVRvvh94ysfiZ4m8faToN9LdR6pDcWem3MkPk6hbtbrbzfxfu5l27lb+7X0stmvmbm+anfY9tAHksi6xqXxg8F69/wj+pwafa6XfWt1PPHGv2eSZo2VW+b5v8AVt8y1N8H7PUtEtfF0Oo6XdabNeeIrzULdbmPb5kMzKyt/wCO16x9lXbVWSzXzNw+9QNHkd9b32m/HDWtYuND1PUNHbwr9j8+CzaaOaZZmk8lf725W/3f4awfAc2razql5r3iDS9Vg8ba4smm2Mc+nzRw6DZsreWvmMu373zM275vlr3yOw2Mzbm+anSWrMu3dQDPmeHRdS1T4V+B/BcGl3mn+OvD+qWfmbrWRVtVhm/fXXnbdrRyR7vm3fNu21lzX19pfxW8ZeJrqyuNX8Hw+Iobi60lrVv3m63jjW8jXb++8mRdu37v8VfUzWcjL8zNtq1H5ixqqs3y0CPm34sazp7a9rGuaXdWOtLJZ2a3nh/UI9v9pQq26OSxk+8sy7m+X+9XM/G7xRYrq3jy4t1i0jXNP1LTbhmu1aS/m2tD+8t2/wCWMKru3fe3fN93dX1gyzf3t391qhaD725VZWXaysu7cv8AdoGfP/xEbwz8RvGzeHfD01tFcXnl6prniL7Rtks7XaqxwwszfLJJtX/dXc38VbGj/wBn+OviB4o0W9vp4NJtdFsZvDrQXkkPl27Rt5l1G25dzLIq/M392vWNQ0HS9R3Ne6Xp95J97dPaxyN/48tN1DwroPiC3tYdR0fT76O1XbbrPbq3kr/dX+6v+zSA8T8N69q3iOP9n3WNcZpdWur7Uo5JmXa0yrbzKsjf7yqrf8Crrv2jreSX4e2c0V5c2bQ69pu5raTbuVrqNfm/vbfvf7y16FqXhLR9ZvNPvL3S4Lm601t1nIysrW//AFz2/do8QeHNN8W6TdaXq1qt5p9xt8yPcy/MrblZWX5lZWVW3UwPM7661L/hPvH3hm41Jr61sfDMN9Zz6hbwzSLIzTeZu/d7WjZo1+WsWz+InjzXv+FY2+l32j21x4q8PzX00l3YsyxzRxxszfK33f3n3a9I1j4R+GdZurO4e3u7aS1s/wCz/wDRL6SHzrfdu8uZlbdIu5mb5v71U9H+DOh+H77wvcafeatB/wAI3byWunwNdLJGscn+sVty7m3bV/3dvy00M5W6+KXjK6vtWbQ/D661Do+qLpd1bQ27brpo9v2iRZvM/d7dzbVZW+Vf9qtS8+KGoaNrnjTTdWs7GCTR9Pj1LTdrSbtQjk3Kv+63mL5fy/xNWhqXwbs7rxVqGsWGvaxocOrMsmrabp8irDfMq7d3zLujZl+VmX71aXir4b6b4q8UeGdcuN0VxockjLHH924jbayxyf7KyLHJ/wABosBl6fr274tQ6XqPh+Oz1qTw79qbUo7rzF8tZlVrfbt/hkb71TeOPiRD4H1zRdJbQ9V1e81hZvsf9nxxtukjXc0fzMvzf+O1auvBd9L8UrHxYl9bfZbfS5NLa0aNvMZZJFk8zd937yrXI/F68urP4nfCWSwjgub77dqCrbTzeSrK1rtb5v4f9n/apAa2k/GTw/q3h+HUl+1W1xJfNpbaXJD/AKat0v3ofL3feVfm/u7aF+N3gv8As+zup9aWxjuryTT1ju4ZI2juI/vRyfL8rL/tVw/iL4M65Ks3iSCz0/U/EH/CRTa5JoU7K1tNDJD9na38xl/1nlru3bdu6pNY8H61Pb+Ebq18EwaR9n8UW+rXGm6W0cjQ28cbK0kzLtVpG3fw/wAK0AdxefETSdU8JtrGieJNKtoftS2v27UtyxrIsi7o2VtreZt3bVrqLjVtNt9S/s9tQtYr5vmW0aZVm+b7vy/erwHxx4f1ZvB/xehXw/qfmap4gtb7TVWxZmuFX7PuZdv/AFzkq944uGsPiZNq2l28mofatQ02S40K+tWWS4bbH5d1Zybdysv8St8vytu20AeieOvHl94D8K+ItcvdFjvLfTbhVjjtrxd0lu21fMk3L8rbm+7XQNeTNrDWq6fOtr9nWZdQ3L5bSbtvk/3t235q+e/FDaba+Cf2jrO1mgijW8WaFfM/ia3h3bf+2it/wKuy1C4+2fF6G3h1a6ij1LwTNcbYLptqyLMu2SP5tqtt/u0AeuN+6jkklVvlXc21dzf981l+E/E2l+MtDt9Y0iZp7GZpFVpI2jbcrMrfK3zfeVq8X+FOra1a3HwfvrjxBqep/wDCVabdLqEF9N5ke6OFZI2X+6y7f+BVD4L8VatofhfQfD+kfurrVPE2tWf2lfL3KsM00m1fM+Xc3+1/damgPoSRfNj27ttRxxKsaxt822vHb7xl8StN/wCER0u6h0ODVNU1K40+Rrn958qwtJDI3lttVmVfmVf4q9e01rj7Hb/bfK+2eWvneRu8vzNvzbd3zbd1MZJtXdRJ8tOb71NkapC5C25mprU+mNt20DG/eoX/AGacsX8VN+7QMbJUcnyrUzd6ZzVCK336q3ytJHtq8y/M22o2X+9QBCvyqu5qbv8AmqjqkqpJHuZtv92jT/8AU/eoGXJKPurTW3bqbu+akwBqjZadI3y0baQEdNkVqk20f8CpoCm1vtaoZImq8y03buWmBmtF8v8AtVG1uytWk0S1CybakDNkt/m+781DL96tLbTdqqv+1TQEcK7VVakoXtRTAa1JzT17U1qAGtTfu0NTaBoG703b/ep1FAyFqhuH2x1YZKrzRblpMCFZGVajkbfTZNy/LQ27bSAa1wv8P3qa0+1vmpv2VlZWoktWagA+0fdarC1RaJlVatw/doATbRt20/8AhpKoCNqSntUa0wG7N1FL/FRQB6qyq33q8b0m4jX9qzxBtbbu8N28Py/d3LIrbf8Ae217N95aasW2No0VUVm3Nt/iaqIPnPwr8L/F1x8XofE0ug2eh6ba6lqisrXSqrQzLtWSONd3zN97d/EzfwqtdF8OfgLeeF7fw3HrOrWt43h+3vI9P+wxt8sl026SRt3935lVa9qhs9v3mqZbWNWpCseX6D+z74T0nw3o+juuoagultM1rdyXHk3KrN/rI90e3923zfLXpVjpsOm2NvZ2tvHbWdvGsNvbQLtWNV+6q1cWL5vlWnXl1b6bD519dQWMf965mWNf/HqAY2G3aJflVV3Nubb8vzVNsbbu3VzNx8WPBtvM0K+IrO8mX70en7rpv/IKtUP/AAsiO8kaPTfDPibU1/hkXS2t4/8Avqby6WwjqF2+Xu+9Vza32fcq/N/drh11nxddQq1l4N+zR/3tS1aGP/x2NZKtW6/EC88xl/4RnTG/hVmuLz5f/IdMDrFaRfmfbtqZd1xI21tqrXK/8I/4yvNv2jxlbWf95dP0ONf/AB6SSSpI/h9qW5muPHHiOfd/zwa1tV/8hw1FgOi+0SNJ5KrukVttXJreS3VW2sq7ttcj/wAKn0m43Ne6l4h1CZvvefrl0q/98xstOj+DfhFpFafQ0vNv/P3cTXH/AKMkaiwHVTXFnbxs1xdW8H8O6WZVrBj+I3hWzh/0jxJpEDK23a2oQ/8AxVOtfhV4Ptfmi8K6Kv8A3D4W/wDQlrYt/Dml2G1bPR9NgVf+ednGv/stIDm2+LnguK6ZV8VaRKu3/lndK3/oNEPxa8GszbdaWf5v+WFrcSbv++Y67a3t1t5GaJVi3f3V21YXzPurJJ83+1QBwsnxS8Ot8sH9qzyfw+Xod427/d/c1JY/EaxlZtui+Jm3N/0Abr/2Za7pYm+9uZm/2qbJEsrfN96gRw8Pjz/SJGTwr4qlj3fLt0ll/wDQmWnXXjya42rF4N8WM27/AJ8Y1/8AQpK7jyV+7Tlt1VvlWgLHFr48uvL2p4J8S/7W6O1X/wBCmqvb+NNahX5PAviNlZvl3NZ//JFd41rGzbmVWoa3X+GgNji28Yaw1x8vgXxAvy/N+8s//kim2vi3XFuJP+KD17/d86z/APkiu4WJfvN96neUqtu2/NQI5NfGGtf9CHr3/gRZ/wDx6nf8Jlq3/Qh+Iv8Av9Y//JFdUtOagRyP/Caaov3vAviNW/7dW/8Aa1H/AAnV95m1vBPib/eWG3b/ANrV1/NMX5aAOVbx5cbfm8G+KPl/6c42/wDQZKj/AOE+b+Lwn4qX/uF7v/QWrslo20AcevxEt/4/D/iaL/e0WZv/AEFaa3xI01V3NpfiFf8Ae0G6/wDjddh9yhWbd96gaOLb4oaCn+t/tOBf+mmj3i/+06r3HxV8NrHu/tKWL/rpY3C/+hR13nmyf3moaWTb/rJP++qB2OBX4v8Agvb+88SWcTf3ZN0bf+PLR/wtLwndSfuPFGjqv96S+jX/AMd3V10277Rudt3y/wAVH2e3uF+e3glX/ajVqAOft/GHhm4XcniLSZ2b/p+j/wDiqtWurabcTf6PqFnK392O4jbd/wCPVcuPDek3i7Z9J0+df7slnG3/ALLWbcfDvwrdNul8K6K27+9p8P8A8TQBsRzKzL8yt/utUy28n/PNv++a4+b4R+DXXa3hfTEX/pnD5bf+O1Xh+E/heOSRU0+WD/r21C6j/wDQZKAO0ZWX+Gm1yv8AwrHSV2+Rea9bKv8ADBrl1/7NJTpPAPzK0HijxRbf7upLJ/6MjamhnUVG1cy3gvVl/wBR4615f+u8dnJ/7Rpq+HPFUTbk8bNL/s3Ojwsrf98stMDpmrPvtG0/UpoZrzT7W8mh/wBXJPbrI0f+6zL8tY7aX44iX5PEGg3P/XfSZo//AEGao2/4TqLb+78M3n/bS4h/9lakwOkZahZdvytXP/2p40i3eb4V0qf/AK9ta/8AioVqnqHibxAsbLceB9QVd33rbULWT/2otIDoJLhopljSpvtEyr8zNtrj18b3EUkbS+EfEcS/3ls1m/8ARcjVJdfE7S4bf/SNP16z/wCu+i3C7f8AyHQB1UlvHeLtnjjnj/uyRq26s248K6LdTLJPo+myyeX5Ks1rHuWP+7u2/d/2aybf4q+EYo183XraD/ZuY5If/QlWtCz+InhW/wD9R4m0mX/t+j/+KoGV4/h34Zt7jTZoNDtbaTTWZrHyN0f2Xd97y9v3d1Zd18G/B914dm0X+zZoLGS8/tBfIvJlkhuN27zo5GbdG33v++q7C31Kxvv+Pe+tp/8ArnMrVY2/NtpoDgf+FR6TE2gta3mpW0mi3jahDI1x5zTTMu1mmaRWaT5flrprxmiuI/7rNWoyt/dqrdWfmSK392hiKMl5taRlb5l/hprNJFGszNu/2asSWLPMzN91l21H9lmaHy32/wC9SAdcXXmruT7tV5rzylj/AI2apvsHyt+8b7tV1tWih+f5m/vUDLDXC/3qhW6XdtZaJLXcu7dVNv8Aj62/w7aBkzXu7dtqaO43Vn2f8St/DIy1M25bxdv3dtPYZdqJqmbdtqHdTAo3FrHLIrN95fu02G3W3X5asXTVHuoAG+ahol/hpaVvlWpAjaKmtR5tNZt1AAzU3d81P5pu1aAE21C3+zUlG35vloGiNqhZWqb5WqP+KgZG3yrUbbqsNF83zU1l+WqFYq7actSbfmo2/NQGw2mU/wDiplAg5ptK33aj3r/eoGiRqjoaWm7qBjm+7ULK1Sbqc33aLAU5Ilas+6laKRlX7tazL/FWTcW7XDN/s1IE1vcectTfeqvZxeVHtZdtWvKoAh2ruo2fNTpPlakoAT79NVfvU5qGb5aaAhb71N27Kk+tRslUA1lop22igD1RV/vVzd18S/DNrN9ng1RdVuv4rbS45LyRf+Axq3/j1dJJEsqtG8ayxt8rKy7t1Os7ePTbP7PZwxW1uv3YII1jVf8AgK1RJzbeI/El58um+DbmKNm/1+t3kdmv/ftfMk/8do/s3xtqDf6Rr2kaLG3/ACz03T2um/7+TMq/+Q66KO4835ac0u1qQHPt8O4b+Nl1bxJ4j1f/AGW1D7LH/wB826x1Y034aeDdNuFkt/DOmfaF/wCWlzD9ok/76k3NW5HLubaq01X2rQI0rXbZxrDAqwR/3Y12r/47UbO3mMzN96s24vNv+1TreXcrM3zbqBGtHL6ULLGsis33qpq0235Y23VItrcPt3KqMv8AdpCNaOpaqR28jbdzVM1mzrt8xv8AgLUAS09WWoY7VV+XczU5bCHdu2/N/vUgJmkX+9QtxHu27qFt41+6q1ItvH/dXdSYDVuI/wCFtzVItxupyxLUyqtICFrjb/C1H2r7reXJ83+zVj5d1DbaAI1uP+mbU1rhl/5ZtVjbTuKBFXzpP+ebU77Q23c0bVY/3adtoEV/Mb/ni1N81v8Anm1Wl/2aFWgQ1f8Adp22nUUAN20bac3emq1ADlWmU9u9N3bmoASl20NTWlWH7zbaBjmX5qjapN3y01qBlG4/1g/3adbr+5WmzbWuKmj+VVX+7QMPuU1vmqamUCGMvy1V2fvqsSSru27lqFV/fUAO20MlSfKtDNuWmhkVMbvUm2oZo/NXbupgRyXUca/M1Rx3Cy/d+aq9xpreS21vmpun2siq29mVqTAv1FIu5fmWm/Z5F/5abqayzf3lpAHlLEu1flX/AGaPm3fKzVH/AKRtb5V/2aa3nfeaNf8AvqmgJmuJNu3c23+7WfdaTp9//wAfOn2dzu+951vG3/oS1M0sm7/UtTtzKvzKyUMaMO6+HPhO8/1/hnR2/wB2xjX/ANBWs+T4S+E2/wBVo/2Nv+nS6mh/9BkrrI5fN/han0IGcc3wv0td3kah4gs/+uGtXH/szNTl8C3US7bfxh4jiX/ppNbzf+hQ11/NMaqEcf8A8Iv4mgZvI8bSy/3VvtLhk/8AQdtDab42t9vla9od4v8AEs+lyQ/+gzNXWNtpvyrQBx8jeOLfdus/Dlyv/TO8uIf/AEKNqr/254sib9/4RglX+9baxG3/AKMVa7RvmqPylpAcavjDWF3LP4J1pdq/8sJLeb/0GSo5PHlvFJtutB8Q2395m0mZtv8A373V2Wyo/mXpQM4tviX4biX9/dXNpu/5+9PuIf8A0KOpLf4ieEZW+TxFpit/da6Vf/Qq7L7RIv8Ay0b/AL6qvdW8N4rLPDFOv/TWNWpMZl2/iPS7+P8A0fVLGf8A653Ubf8As1WlZf4W3f7rVg6t4F8P3U3mS+HdIud33vMsYf8A4mqLfC/wvLIzf2HZwbvvfZFaH/0Wy0IDpLpvvLtbdUcbKy1gt8NNFiX/AEWbV7Fv+nbWLpV/75aRlqnN4Dmt5N0HibxDAy/db7VHJ/6MjahiuddtprfNXJx6Dr0TfJ40um/u/adNt5P/AEFVqZtN8XL8ya9pE6/9N9Lkj/8AQZqQzoaTbXN7vGkUfzW/h68b+8txcW//ALTaj+1PFVuu2Xwva3K/3rTWF/8AQZI1p2GdD/FSN3rnV8Vatbsq3HgvWFX+JoJrWb/0Gam/8J1Cu7zdD8QwbfvbtJmb/wBF7qQHRM3lL81N89a5W4+J3h1Y/wB7eTWbf3buzmh2/wDfS1XtfH3hu6hXb4g0z7235ryNW/8AHmoA67d81C9qybHXNP1Ld9n1C1udv/PC4Vq0I5fNX5fmb/ZoHcsbv71R7t1VZrhlVv71O839zup3C5MzfNTZP9mqbXDfL93czbauLtZaYhaY3epGSo/4qYDZF3LWftVpG3/erSbvVeS3Vm/2qm4Ge0rLtWhd0rbfu1aazVm3VGtn827dTKuEa7Ztu6rTfNUMcTbtzNvqamBG1U7j91V3mqF1KrVAEkf3TTlb5qbC25flpzfeoAGhqPZ/t07c392m7vegBrU2T5acrK1JzQAxaa3yrR8zfdob7tUAyik3UUAes0sn+rajdRt/75qySja28m5WWriwMzbqmhp2/wCakAQ2+1m3VNHart+ao23Ku5akWVl+9SAJNNtbjbvj3bf9qprWzjtV+T7tNWVUp32pt23bTJZcWlqCOXc1OVvvUmIsK3zLU27bVVfvK1WF/wBqkAKzNJytH2pd22nbdy/LUP2WTd935aAHRytub+7QsrNM1DW7bW21JHE392kxDl+Zd26mw3jMq7fmapPs8m3atOjs9zL/AA7aQXHNL8ys33qjh/4/Pn+9tqx9jVdv96hbX955jN/wGgLkjSrTmX5ab9nVfurTmVpdtAgt/u/NRMzNt21IsW2hoaBEO9l6U77QytUjW/8Adpv2dvMoAb5tOVvmo8qnLF81OwB9+mqu1v8AZqTyv7tG3+9SAhkl+X5aj3bfu1YaJabJbtt+WgBrXFV5pd235asNbs1R/Z/733qAGtdbV201bpmXam7dVdt3mSY+8tSWattVqBgqru+b71DbkXcv3am+z7vm/iprRSf8BoHcb525artdMzbfu1I1u1Z+qX9j4fs5tQ1S8gsbGFf3lzcyeWq/8CagRNIvzbk+X/aq1b7VX73zV5rH8QfEnjpf+KD0GL+y1+b+3/ESyW9pN/swxr+8k/3vlWrmh/E7bqUOi+LdNbwh4gk+WGOeTdZX3+1b3H3W/wB1trU7DR6EzLTdy+lQq3zfd202SjYCTzdtc/448Wx+BfCuqeIJ7OW+tdNha4uILZlWTy1+8y7vlatK8uobC1murqaO2tYV3STzybVjX/aZq83+KHjDRfFvwF8aahpd8tzYzabdWcM+1lWaby9u2Pcvzbv4dv3qYXOg8P8AxV03XNe0vR7zT9Q0PUNUs/t2nx6gsbLdQqqs21o2Zdyq27b8rVe+HviC88QaDdTaj5DXlrql9Ys1tH5assNw0att3N/Cq14n4F8vw/468G694q1Zta0280WO18P6tOyxwafcNCvnWsm3au5l+6zf3dte4eEfDMfhWzvoYrye8W6vJr5mnVdyyTNub7v8O5qTA6BvlpKgk+b+Ko921aQyxTWqq1xJtVvL+9UbXTJ/wGgRaZqbu/hqH7RtZmaq/m/6R5lA0y8zbabItQ/aPenNcLTQxy0bahjl+ZvmpslwtMRJsqNlZqFl+X5qa0u2gA+796o2+9Q0qstRyMtAEjVGyba5/WviJ4f8P3k1rqWqR201vGs026ORo7dW+60kirtj3bf4mrcjuFuI45EbdHIu5W/vLQAMtN205loZqBlG++WNmrk7X4l+GbiNWXVo/s8knlw3LRyLDM27btjk27ZG3f3ak+MVhqGrfC3xZY6T5n9pTaXcLCsX3mbb91f95dy/8Cqj4Xv9D1n4e6LJ5kDaH9ltdu5tqxsu3av+yysq/wDAqANax8c+H76zuLq11rT57O3k8uadbhdsbf3Wb+Fq1Le4h1K3jmt5o57eRdyyxtuVl/2WrwGRdY/4VX8WrO1tdNl01dS1zzGnuJFmX5mZtq+Wyt/31Xqml+KI/Dnh/wAKrPp91La3lvZ2/wBpto18mFpFVY1b5t3zN/dVqTEdVJbqv8NRwr+721ab5t3y/NVeNaENAy03ZUn+zQyUyiNvu/7NR7f9qpm+7WfeXHlfwtQBYaWT5v3ki/8AAqz5tLhuF2zxxz/Nu/fxq1Rtftu+WpGvF2/L96pAy77wH4fvtzS6DpTMy/MzWMe7/wBBqi3wv8K7VX+wbWJv+ekG6Fv/AB1lrolvNzbd1SKy/wB6gDk2+G+hru8pdStmb/nhq10v/tSm/wDCDLFJ+48QeIYP+4h5n/oxWrsPlao220Aca3g3Ul8tk8XavuX/AJ7w2sn/ALTWrkeh+JIV+TxVFL/d+06Srf8AoMi10yqtP/iqgOW+y+MLdty6loNz/wBdLGaP/wBBkahW8ZRbt1v4euf926uI/wD2m1dM33qP4aYHLrqnird8/huxlX+9Bq3/AMVGtRtr2vW7fvfB903/AFw1C1k/9qLXUbKatJAc3/wlV5tbf4V16L/djhk/9BkqNvG8Nuu640XxBbf72lyN/wCg7q6bbRtpiOXb4g6Sse6ePU7Zfu7p9Jul/wDadVW+JfhuL/W6tDAv/TaOSP8A9CWuw82RfuyMv/Aqr3F1Jt3NIzf8CpDWhzP/AAsvwrcbdviLTF3fL+8ulX/0KrUfiPQ5Y90OtabK3+zeRt/7NWsr/aGbfHHLu/vLuqnceH9JupN0+k6fP/10tY2/9lqSivHqVu0n7i6gb/dmVt1aEdw0rbVXc1ZN14D8M3H+t8N6Q3/bjH/8TWfJ8M/C/l/L4fsVb/phH5f/AKDQB1Wxvu7ajZW/u1z6/Dvw6se1NNki/wCud5cL/wCgyUf8ILpa/Mkmqxf9c9Yuv/jlAG9t201krDj8F2qtuXWPEH/g0kb/ANC3USeD5F3eV4m8Qxf7P2qFv/Qo6ANrbtX5qirCbwvqkX3PGGrr/vQ2sn/tOhtB1zc3leKp9u37s+n27f8AoO2mgN2ikgUwwxiVvPdV2u+3bvb+9topgetbak/h203+Kl/hqyRLdfvVI0P7zduoVf8AvqnRr81JgO+ba392nLF92nfw1Mv3akRGsTbvlWnR2rMzMakVvmqbcrUxDVtW3blk21MsX3qI2o83+7QImVKkVarrK1SK25aALHyrS81UVmVl3NUzfdpCJty7acrL/FVf5qjbctSI0lamr96q6ytt+ajzW/hoEXF7U+qCyt/epyyt/eoAv80q1nrOzbvmqRbhlZfvUAXmZVqNZdzVHHL5v3lo3fNQBYZqbuqFm+WjfuoAmVv7tDS7VqFflqNk+9TuBajbfTty1VX5aduZVpATLKu6nM1Vd3zVJuoAc0tR+arU3c275vu1XaTbuoAm3Lu2qq1Mq7aotLt2tVqO4Vl+WgCWmN3qrJcNu+WmtcMzfxUAcj408b6xZ+IrPwv4Z0uDUNevLVrxp9Qm8u0s4Vby/Mk2/NJ8zfdWqek/CW3uNQh1jxhqEvjPWo/mj+1xqtlat/0xtfur/vNuas/XpWt/jpayRMyyN4Pvtrf3WW4jZWrpPhPr154o+F/hHWL+Tz9QvtLhuLiTaq7pGX5m2rQB1m5vlb722vK/FngjXLCG+jtY4/H/AIVumaa48L63IrXMLM25mtbhv/HY2/4C1eqbqjZaoZ4b4R8R6lpMM3/CG3114v0ez+W88Iay3k65pf8AsxtJ/rF/2ZP+AtXQf8L20/Xm/s/who+peJfEC/67TWha1Wxb7v8ApUknyx/7vzNXojaXZ/2supNZ276osLW633lr53l7t3l7vvbflWuF+HsXlfEL4rR/xf21ZyN/wKxh/wDiaYENr8J7jxVdQ6l8RNSi8RzRt5lvoltG0elWrf8AXP70zf7Un/fNeieUqrGqqqrH8qqq7VX/AIDUi/dobvQIhms7e4hkje3ilhb5mjaNWVv+A05YlX5VXbt/hpzPtpvmVLGNZVrifi94rm+H3wt8UeJLONZLrTbNpoVb7vmMyqrf7u5q7C8vIbO1uLq4kWC3hjaaaST5VjVfmZq4Pw3cN8ZPA+uNrmnrB4X17zIdPtvmW5ks2Xb50n+0zfvF/u/LTQzP0H4VQ6h4LsZJda1hfEl5YrJJrq30yzLcSR7tyru27dzfd2/drm/hbda18Um8STatrmoWdnouof2Hb22l3Hk+ZJbxr5k0jbd0jM397/vmuu8K6b468H6Ha+H2j0jXIbONbe11mS6aFvJVdsfnQ+W25lXb91vm/wBmqfhfwbrHwt1zXprC3l8S6Lrlx/aUy2zQw3FveMu2ZljZlVo5Nu75W+X/AGqrQDz/AMUePPHGl3Hibw/p2pfafFXhm+09bfz4Y/J1i1vJFWPzl2/LJ821mXbXXL8TpvGXgHT/ABB4fuv7KuF1S303ULG7t1mktZJJo4ZI5F+Xay7ty/3qy9S8A642qeJPGF5pcsuta5qGl+XpdiyzNZ2dnNG37xt21pGVWb5f9lam+KXwv1JvFFj4q8KLIq6hqGn/APCQaWq/8fEcdxHItwq/89o9vzf7NSwNr4d+JvEnibxF460nUbjTWXw/qX9m2s8dmytJujWRZJP3n+191asfB/xlqnxE8L3WrapZ2tnNDqFxYrHaMzf6mRo2Zt395lrj/A/hXR9Z+JHxMvtZ0u+ijuNUhurO5nW6s1khW3VWZWXbu+ZWrH+BfgPSfEfhfVI5b7XNPuLPXNQ8uOx1K4s2+zyTM0cjL/Fu3feagZ79JA397bVdtysua5dvhO0XzWvjrxfbL/tahHN/6MjasPxZ4S8VeGfCesalp3xG1eWTT7Ga6jgvtPs5lk8uNm2syxr/AHaBHo3m/LtamszMted6Ho3xC1TRdN1BPHGmStdWsNw0dzoP95Vbb8sy/wB6rzWfxMiXauoeEbxf+mlrdQ/+gs1LYDtI2+9WL4g8ZaL4c1KxsdR1CKDUNQmWG1sV3STSM3/TNfm2/wC192uFutU+ImreLofCNxeaL4c8yxbUJtU0nzLqbyVkWPbGsiqqtub7zbttdh4R+Hmh+C/Mm063kl1C4/4+tUvpPOvbhv8Aakb5v+Ar8tMZwPj6w1TS/EHijXvCk0GpstrHH4i8M33yx3ka2/yyRyf8s5PLbb/dbbXdeB/Hmg+KtPtbfS7rbcR2dvcfYZ/lmjhkjVlb5vvfKy/MtaWreCPD+vXElxqWi2d9NIvlySSR/NIv91mX7y/7LVV8VeBdH8W29ut5C1tdWf8Ax56hYt5NzZ/9c2X+H/Z+7QBrSXH7z73/AAGsnxd4y03wXo7alqMknl7ljhtoF3TXUzfdhjX+Jmrg/EXjrVvhPp9xN4ytZda02Ndtrrukw/NNJ/DHND/yzkb7u5f3bf7Ncj4F8feF9S1aHxR4t8VaZ/wkTbls9PkmZYdHhb+GPcvzSN/FJ/wFfloA9O8IxeJLj7ZqXiO4WC8vmVodJgbdDpsa7tse7+KT5vmb/vmr0PhLQbXVm1JdFsV1Bm8xrlYV3M397/e/2vvVN4f8W+H/ABHdeTpGuabqdwy7vLtLqORtv97atc/pPjTVvGVjfatoOj2d5osM01vb/abxo577yW2s0fysqqzKyru+9t/hoA1ofh34di0nVNNg0/yLHVNzXkEFxMqzM33m+995v4v71Zfijwe11o+l6PYQwRWNnJHJb3095I1zZtHIu3y12/vPl3L8zVT8K+PtU8QeJr7R/wCw/s0lrp9rffvLz7y3C7o12svy/dbdurU8D+Ml8eaH/akOm3Onw+dNCq3LKzN5bNG33f8AaVqW4HTSXG7c33V3U23+Zd33amjt9q/N81O8rbTGhrd6a1S0yT7vy0FFdvlaqdxb7pP9mtBvu1Cy0AZ7WC7fu1HJa/LtZa0tny0MlJgZa2/7zlaka1VvurVqSKmrSAr/AGVaGt9v8TVY2/8AfVN2stUPcp+Uy/8ALRqmj+Vfm+ZqdtpKYWCk/iprfL92hfmWgQNTWWpeaYy0gIqRvlqRl+Wqrf6xdtAElw22P5qz5l3Lu3Vek2yrtaqbLJu8v79JgQx9WqRZW+7TtvlLtpqxfLub71Iq1hrS7W2tRJu8vctQzfe3U37RJ5e2gCZm+WmrL8tR/N5dCr8tAFiOjd71Hu/u/dqT60ARtRtqRttNamgI2+ailopgeq/xVJupqtTm+61WZ3H/AMNIsqp/FVeNvvUMrM3CtSGWll2t833am83d91arrEzfw1N5Tbv9mkA5W+7uqaH5mpsNvtqZYttIQbfmpyrt/wB2nKlOZdy7VqRCU9WZVoX5akWgCNd3mVNt3UlLuoEx2yhV3U+lWgkPK/ioZKkXtRQA2FVb71SfZ13U5V+apKAGrbqtHkqrbqcrbqKAHbaasS7ql5pFoAGX5ajZalptADKcq0tFAC7aayrTt1JQAbVpNq/xU5qjZqAGzMq1X8rzf9ladGyt8zfxVLQBF9jX+FqhkiaL/wCKq9u96GXctAGWrbW+f/vqplVW/ip0lv8A3ahmX7PIu3+KgDz/AF6Jf+F6eH1+953hXVI/++ZoatfAPdF8E/A6tu3LpcK/N/wKjx9petab4s8O+MtI01teXSbO6s7rTYJFjuWjmaNvMh3fKzL5f3fl3VveEfGmj+N7GS40a681oW8u4s5I/JubVv7skbfNG1AHQK1JSbqw/FXjLRfBemtqGu6lBplr91Wnb5pG/uqv3mb/AGVqgNpq898C/J8Uvisqt8rXmmt/5JrUen/E6+vJJNY1HSY/CvgeGNv+Jp4gm+z3Nw38LRw/wr/vfN/s1yPg34paLa/ErxZq1+t9pGh+JGsV0nVtStZLe0umhhaNl8xvu/N93dt3UAe5U1qbu+VW/hb+KhqABmqOqupala6TZyXl/dRWNrGu6Se5kWNV/wCBNXmuqfFrVvFVjeQ/DbQZ9euPLZY9bvv9F06Ntv3laT5pm/3V2/7VAB40Zvir4wbwLayN/wAI7prR3HiS5jb5Zm+9HY/8C+9J/s16cqqqqqKqxqu1VX7qr/dWvOfgXLpa/D+3tbJp11C3kb+2Ir5dt2uoN80zTf7TN/wHbt216JG1SUiXmm0m6ms1IAb5lqP+KlpjNTAc27+81RszNt8xt3+9Tt1QtLVADfe+WsXxlF9q8H+IoW/5aabdR/8AfULVsSNXK/ETxho/hLw3eTazqUGnrcQyQwrI37yaRlZVWNV+Zv8AgNAh3wxuvtnw58JzH70mj2bf+QVrpJGWuH+C9/DdfCPwXtkjZl0e1VlVv+mK12Vx5iwtIse5tvyru27v9ndQNHC6l+6+OGisv/Lbw3eR/wDfN1C3/s1dx/vVw/hnx1ovjTUtWkh02WLxJ4fkm0+4sZ1ja7h/i2qyttZZGVf4tu5a6Lw74jt/FGh2erWsM8VrdR+ZCtyu1tv97bQM1t1RtTWf+JaNytQB5/8AGpW/4QdWZtscerabN/3zeQ12VxaqzbWWNlVv+WkatXH/ABwb/i2OsM3/ACzms5P++bqGu2kb99J/vUAVbfSbGyulvINPs4rj7rSR26xybf8AeVa87+HtrffC3RW8K3uk6nfWtncXDabqGn2rTR3EMkjSKrbf9XIu5l+bav8AFXpy/NTW3f7tMDyW102TV/jZ4gvtRj1jSIZtHsY1ntJJoY2mjaRpF8xV2ybVZf8A2Ws34a3Goab8GdS/s24ubO80+81C4Xdp7XE0i+dJJH+7bb97cvzf3d1e2bm2/eaqeqab/akKwteX1ntbcsljceW3+7u/u0AQ6HqX9uaHpt8skbfarWObdB/q23KrfL/s1oR/M1Q6fpdvpdjb2dnGsFrbxrDDEv8ACqrtVasRrtakMbJ/s037y05vmqP7tAXGtTWSnfeqNmbdQMWom/2qczU1vmoGRs1Nb5adJTaWwBt2/NUcn3qkbvUf36LgRt3ob7tO202mmO43bQq7aN1Sbtq0w3IWo/hpzUlIQ2q1xF827dtq033qjkXcu2gDN3N5n3vmqxtXdupv2P5vvfNuq0q/LS3ArtFuqvJEyr8vzLV77lRsu75aRV7metv5q/3ad9lVfu1c201qAK/lLQ0X92pG70bvegCuq0N3qSSkoAhpW+7Q33qSmgGbaKGb5qKYHrTJR95adu+WkqzIRV+apl+Wmr2qRaQyRe1SfxVCtOWVdu6kJ6kyt81Sbqr+cKbHLuZmb7tSwLit8tOVqq/aF2/LTWbctIC5u+b71OVt1UV3fNtqTc3y7WoAvZanLVeGXcvzVMtAmSVItQ7qkVqCSTdTv4qj3U5aAJloZqjVqduoAkWjdTVanL96gB/8NIrU3dSUAS7qWompytQBLzSNUe73o3e9Arjt1NbvRTloGLTGXctFRyNsWgCi0u2SP/eq8rfLWeu7cu35vmq8rUCuSbttDNTeKazVQXFqC4/h+WpN3vVe4Zvl/wB6kxkyt8tcj4w+G+l+LbyPVPMudF8RW67bfXdLby7uP/Zb+GRf9lt1dYrU3duahAebt4+1r4fbbfx7axyaXu2x+LdLhb7J/s/aofvW7f7XzR1ydveWPijxdfa18PvDbeKNWuJvm8V+IJJP7Osf9m13fM23+7Gv/Aq9a8ZL9o8H+IIV/wCWmm3S/wDkFqyfhG3m/CXwS38P9i2fy/8AbFaYGXovwgtW1SHWPFepT+M9cj+aOfUFVbS1b/pjb/dX/ebc1dxqFnb6tZzWd/bxX1nMvlyW1zGskci/3WVqn5pjUAeb/wDCC698PmaTwHdR3mk/ebwvrMzeSv8A163H3of91ty1h3Xxs1bxH4ms/BvhzRf7F8UTW81xeL4mjaNdPWNlX5VX/Xbt3y7W217A1ec/EpV03xx8Ndedf9TrEmlyN/0zureRVX/d8yOOlcCTT/g7p91fQ6p4vvrnxtq0bbo21Latpb/9cbVf3a/8C3NXbahbtdafNaxTSWO6FoY54FXdb/L8rKrfL8tc/wDDfRtW8N+F/wCy9Zm+1XFveXXkztN5zNbtcM0LM397ay/9810zd6LgeDtL4gs/FX3YIPiRY2/zL/q7TxZYr/Ev92Zf++o2/wBlq9Y8G+MtP8b6HHqWnNIq7mhuLadds1rMv3oZF/hZaj8beC7Hx1pK2d1JLZ3VvJ9osdQtvlmsZl+7JG3/ALL/ABL8teb+NLfWPAOpeF/EGnSWt9421a4h0nUNPgXybTWm2tukb/nm0aru8z+78tG4z2jdTWavPV8W/EKJv3vw9tZV/wCnbxBC3/oSrWhH401i38N+INW1fwnc6HJpdnJdRwXN1DMt1tjZtq+W3y/d/wDHqLAdlu2rUbTfN81eT+AfDNx4y+Gul65f69qq+JtYsftjalbXkka28ky7lWOFW8vy13Ku3bWT4b8W/wDCOfFbxho/ibxNeLa2tjp7W8ck0kkcck0Lecy/K38S/LuosB7Uzf3a5nVPHVrZ69JodlY3muatDCtxcW2nqv8Ao8bfdaRpGVV3fNtXdurlfgf4ovvEHgfUtW1bWJdTWPVry1jubny41WGGZlj+6q/eXbUPh9v+EP8AjJ44k1SRLaz8SLZ6hpt5O22ObyYfLkhVvu7l+Vtv91qYGxq3i248TeFZrzw1rFjof2eZodSu9Whbdp6xr+83R/LtkX5fvfLt+avOfC+lzatqkmoeC9Nl1rUJNyzeP/Fqsyt/16w/KzL/ALqqv+9XWfDm3XVviV8TNatds/h3UJrO3hk+9DdXEdvtuGX+Fl+6rN/FXpzL93/ZoEea6T+z74Js9Jt7e/0Ox1W+Vd02pNb/AGeSZmbczbY2VV+9W94b+GPhvwffNeaNp8lnM0bR/wDH5NIu1v8AZZmX+Guqao5pdtK4zxNtBmuJtU8XeEJIrnxVpOsXm60jk+XULNptzW8n+98zRt/erY8D6NeeKvhX4Nkg17VfDUkdjuZdP8lt3+zIsit93bXpFxdbpPvbpP8Ax6qqq1w3zfKv91aLjOPbwb4st/lt/iVfS/7N3pNrJ/6Dtpy6D8RrX/UeNNFuV/6e9BZf/Rc1ddcReV9z5f8AaWiO4+b5qLjPHfjNF8RIPhn4ia9vPDN5Zx26yTfZobiGTaskbfKrMy/eWuwj1b4lKrNL4b8NXLf9MNYmjb/x6GpPjZ83wf8AGX/YNkb/ANmrrrd90Mcn95Vai4jz34kXWsap8FfGFxq+lx6HqVrY3E1uttffaNrRx7lkWRVXa27dXP6prP2jUvhXDZ2euaRazalHbzeY00Mc0LW8km1m3fvPmVWr07xh4fXxh4Z1TQ3upLOHULdrWSSNVZljb5W27qw9W8A3F/a+E4U1rypPD91HdRyNZq32ho42jVW+b5flZqYHdK1Dfe+am7qG/wBqgY7dQrU1f71M/hoAe3y01lp38NNagBtRsvzVIv3vmprfLQNEbfdprLT6ZI1BRGyVGy1My0ykwGbf71R/cqZqbspARsu6m+VUn3aN38NAEKoq/NTmprfK1OX7tUNEbU1qcy/doZaBkPzU3dUtM2UCsNWhmp2ymUthBzTGp0n+zTdvy0hobUbL81SU1qBkLLTKsstRt92gCNvu1DVjdtWmUARNupu6pGqKmgGFeTRT+aKYHq/8NDL8tP8A4qRasyK8bbvlqRpWVl201bVm+7U0dr83zNUgN3NKzbmo+/VhYlXdQqqv8NICONmqTa21tq1MqrUm35akCvHbyLu+WnLE22rCtRu+WgBqwNUnlfdqNZfm27ak3UCJI12/dqRarxszN81SM2371AibdTlquzblp3m/LQIsVJuqn9oVfvfdoW63NQBcVqdvWqrS/wB2mx3G1vmoA0N3y0btvzVX83cvy07+GgCwrbqN1V4W206SXdtoFcmZqN1R0bvegQ77Qq/L/FUitVVqd5u1fmoAm8ymtcf3aqtLu+63zVCrf99UAaHm/LVeS43NtVdzU1vmWo1ba1ADtzW/3vu1NHKrfdqGRty1Dt2szJ8rUAaG73qOS4Vd3zVTa6ZW+aoZpd33fmp3AsSXTfw1HJcMyrt/hpqq21d+1qG+b7tICaO4WVfvfN/dqbd71TZty/d+amrcSRN8y7l/vUXsUSaha/bNPvLdfl+0QyQ7v9plZa53wXYf8ID8N9D03V7q2ibR9Lht7q58z9yvlx7Wbc38NcL+0Bqn9jX3w/um1LUNPs7rXo7HUPsN5ND5lu0cjbWWNv7y/wAPzVl/DPxheapb+NNSlm1LxD4Bt5o20O5u4WuLm42/65Y/l8yRVkVdu6qA9k0HxHpfijT1vtI1CDU7NmaPz7aTcu5fvL/stV5u9ef/AAnv7e/t9e1Bbe6ttQ1S++3Xkc9nNbxxyNGqrGvmKu7asa7m/vNXcM25W20mK5LXIeLNZ8L3mtaT4X16SSK+vLiO80+OWOSNZpoW8xfLk+7uVl+7urqGfbtrzX4yeDbH4g6l4R0e/aSCOaa+aG5gbbJbzLb7o5o/9pWXdSC53F14o0218QW+jz3TRapdRtJDB5Mn7xV+827btrQZq8T8A+KteuvitpPhnxWu3xJo+k30c15Gu2HULdpLXy7iP/e2tuX+Flau+0XxVr1/rH9n6t4N1DRVZWZdQW6hurRtv+0rbl3f7tAzrJGrz/SdLuvEfxc1jXr23lgsfD8P9k6Ss67fMmkVZLq4X/Z/1cat/vVV8M+Mta+I2peIptGvrXRdH0nUJNJhaez+1SXVxHt8yRvmXbHubaqr81bHw78ef8Jlp+pR3kMdnrmj30mm6laRyblWZf4o/wDpmy/MtMDrvu02aKO4hkjljWeGRWjkjb5lZW+8tRtcKu2nebuWi4HB+HfAuveCNPXRdD161Xw7Hu+yrqFm0lzYxt/yzVlkVZFX+Hcv/fVN8O+BdY8P/EbxB4ifULa8s9Us7W1WNmkW5X7OrbWkbbtbdu+b+7XcTS/Lu27qbGyt81FwPL/CvhKTwb4N1rT/ABW2h/Z7zVrjULee5kaa0WS4kZlWRZFX7rf99VufCm1W4+F/h/T7+ziaOG3+z+XP++jk8tmVZF3fwtt3L/sstdm38VMab5vmouA5VWKNY0VVjjXaqqu1VX/ZWhmajd8tR/xUgBm21RvJf3bbasSPu3VVk+6aAIbVVVfl+9U27ZVWFv3n/AasM1Ax0n3aozRMvzL/AN81ckfbUf3qB3OT8WeKLXRpNP0eXT21q81jzIYdLXbtkjVf3jSbvlWNf4t396obj4l2ejfbo9b0+60O4s47dljbbN9oaZmWOO38tm8xty7dtYPxAtZtB+JHhvxk8ckuk29jcaTfNHG0jWvmMskczKvzbdy7Wb+Gs/4matb+KNN8O61oyyarZ+HdatdUvJ7SPcvkruWRVb+Jl3eZtX+7QI77TfGVreaxHpN1Z3mkapNC1xDaahGqtNGv3mVlZlbb/Eu7dUd58RtBsLi+hlupWXT28u8uYLWSS2tW/uySKu1W+7u+b5f4q4vxtf2/irxp8O7fQb6C+urPVm1K4ktJFkWGzWFlkZmX7qtuVf8Aap3wPWHQ/AupaPrkkcd5peoXy6sty23cskjSeY27+Fo2Vt1NDR6FdeLdJ03VNP0+61KKC81Bd1nG27/SP+ubfdaprPxNpOqaldaba6pa3OoWvzXFpHMrSQ/7y/w18/8AhO11qz8P/A3b5a3jXGpQ266h5m37O0MjQ7tvzf6tV/8AHa9C+Hv26L4tfEKPUVtftElvpczfZGZo9vkyL/F838NMZ6lu+WnL81QUyP7woAsLTv4apyM1Teb8tK4Dlb71NkqNm+amtLtouMd92m7f71Hm7qha4/ebVouMkamUjSr/AHqjaWkMc33qFVqb5q01rhV+9QBI3eo9rfw05Zd1OVqAI2Sm7ambvUbfdpoaGtTW70+mMvzUxjOaRmoamtQA3+GmyN8u6mzS7fl/iqFrdn++3y/3aTJGtdfN8q7lpy3Cy05ol27aoyK0bf8As1IaLzd6ZUUdx8vzVMrUDGt92mtUjLTdtAFeSm72qRlpu3+7QBG33aatSNUbLTQDW+9RTm+9RTA9YVqlqL7tSL92rMhscyszKtDSsrfKvy1Gv7qZv7tOk+bbtqQJGbatNZmXa1Nk+6artKzKtIC99oXbR5rMrf3arrFt3bmqa1/ex7qkByytUi/db5vmo8laftWgQxd3mLVhVqGNl3feXdU273oEG1mVqbtb/eqRd38NSLFJ/dagRDUiq392o5LqG3XdLNFEq/xMyrVO68W6HYf8fGuaZB/10vI1/wDZqALzQbo9v3akji+7u/hrm5Pil4Jt/wDW+MNBi/7iEP8A8VVdvjN4DX7vi7TJf+uc3mf+g0CZ2W1dv3aI4vm+auLX40+DW2+VrEk//XCxuJP/AEGOpo/i54dlXdF/a8//AFz0O+b/ANo0COy+6tG1mWuPb4q6X/BpPiadf+mfh+6/9mWpv+FjR7fk8L+LJf8AuCyL/wChUAddHFt+9TmX+7XGt8S2+6vg3xe3/cLVf/QpKa3xEvv+hF8Vbv8Aat7df/a1AHYbaNrbq5GP4gak33fAfiXd/d/0Vf8A2tUn/Cb6w23/AIoHxD/wKaxX/wBuKAOsWnSLvrkV8Za427/i3+vf7O64sf8A5Iobxvr3/RP9a/8AAyx/+PUAdQq/3aPs/wDdrl18Za83zf8ACv8AWP8AwOsf/j1DeMPEH/RP9a/8DrH/AOPUAdYsNDQ1yv8AwmWud/h/rnzf3bqx/wDj1RyeOtcX/mn/AIg/4DNZt/7WoA6zyqFXbXJr461by9z+AfEqr/vWbf8AtxUK/ETUNzK3gXxOv+7Hat/7WoA6qS3Xazbqjt4vl3bq5uTx5cKu1/Bfipf9r7HC3/oM1R2/j6RY9r+D/Fi/7X9l7v8A0GSgDrlhpvlVya/EiP7reF/Fi/7X9iyN/wCg07/hZ1jt+bQ/FEX+9oN1/wDE0AdQ0X92m+VXKyfFjQ4m2y2uuRf9dNDvF/8AadRr8XPDLfK9xqUX/XTR7xf/AGnSAy/iN4F1TxlqHhuawvLOz/sPVIdW23kcjeY0asu35fuq26o9F+H2peC/F19faJcWv/CO6tJ9qvNJkVl+y3X/AC0mt2X5fm/iVtvzVrN8XPB8X+t1byv+ulnMv/oUdR/8Lm8DsvzeJtPX/rozL/6EtVcDsFiWVV3bqbJCy7q5lfi/4H/6G7Rf+BXka1Yh+JfhG42+V4q0Vv8Ad1CH/wCKpAbDfwrVHUvC+l6pfWd9eWMVzeWfzW87bt0P+7/dp0PirQbht0WuaZL/ALt5G3/s1XF1Kzl+5eWzL/szK1AGfJpdvcapa6hPaxtfW8ckMNzt/eRxybdy/wC621atSKyr95qsblb7rK3+61O8qRv+Wcm3/doA8p8L+HNU+GOreKLez0m61zQdY1CTVrVtPaPzrWaRV86GRZGX5dy7lb/vqpPhn4P1Dw/deJtW1SNYNS8Rak2pSWiyeYtqu1Vjj3L8rMqr823+9XpjKyt/q2qPb/s07DuU9q+Wu6o2+X7tXGVf4qjZV20rWGVWb722o45f71WGiXbTfJXdQBD5u5WaiaVvLVlqZoo9v3ahkX+FaAIftDbdzVG11Iq1I1uu6oZFXcy07AEk7bahkl/d/NUjLtX71UWSS4+VF2r/AHmpPQByy/vN1O+1fw1V8qS3ba33akW3qbgTSXS+X8tRrcVGytVfc3mfL96mBamuNq7lba1TQyszK3mMzLWfcbmX5fmarFvKq/K3ytTAmhs4bVpPIhjg8xt0nlxqu7/e21R1Twvo+s3ENxqOl2eoTR/KslzbrIyr/d+atLd81O+992gpGfqXhnS9ZvLO8vdPgubyzbda3LL+8hb/AGW/hptn4V0mw1y81qCz8rVLxVW4uVmk/eKv3dy7tvy/w/3a0vvU77lUMc3zLTKevzULQBC0Tbqcy/LUjNSc1IEW1qbIjLVhaGXdQMq7W9arybt33a0mX5ahZaBlGRf3fy1HtrQZfl+Wm7fl+7QMz9rbqjbvV7yl/hoWJf7tAFFWanRyt5i7quNbr/dpq26r81AC0jJUlRq1ACUjU6amt92ncohao271I1R0XEyjcN5Uy/xfLViNt0atUN5/rFqS3XdHSERzblbbUMi/981YmWo/KZ+tAFWSLau6nQtIy/eqSaJvL21Daoy0FE32hvu0ea3y0NEzU1oaAHbqb/FRtZdtOagCHd81DLRQvamgGUUUUwPW2XbTl+7R/Eq1yc3iDxdfyMum+D4rOP8Ahudb1SOP/gXlwrI3/j1WZHVNEu6pFiZvuKzNXEx6b441JmW88VaVpEf8S6TpPnN/38mkb/0Gmt8O1uG26l4o8Uaqv91tSa1X/vm3WOpYHXXTR2e6S6kjto1/inby1/8AHq5XUvid4N01fLn8VaP533vLgvFmb/vmPc1Fr8J/BNg0cn/CL6fPMv8Ay3vY2upG/wCBTbq6azit9JXbYWttYq38NpCsf/oNIDlW+KWk3S7dNs9e1df72n6HdMv/AH0yqtWI/HWuSxr9g+HuvSr93dfTWtqv/j0zN/47XYfaJJfvtJt/2mqG1Zv3i/xbvlpMRy7a54+lj/deE9Dsf+v7XGk2/wDAY4f/AGamyRfEK4j+bVPCunqy/MsdjdXTL/31JHXXTNtX5qr+Y0vyr92kI49fC/i642+b4+aBf+nLQ7eP/vnzGkq03gO+lkVrrx94sn+X/lhNb26/+Q4a6r7Lt/vPTmik+XbQI5dfhppsv/H1rHibUP8AZudeuF/9FstN/wCFR+DZW/f6PLeN/wBPepXU3/oUldQsu2RY5F2t/tVcji3NQByMfwj8CxR/L4N0Vm/6aWayf+hVsWfgXwvax7oPC+iwf7umw/8AxNbS29TRxUAU7fTbO3+WCxtYP+udvGv/ALLVqNmi+Vfl/wB1dtTeUu2hl+X5aALH2qZo/lmk/wC+qbDLJt+aRv8Avqmx/NU3y7aCSORv4d1SfL5f3qjkt1Zahkl8qNdvzNQBIq/L/tU5lqHcy+Wyt96pPN3TKtADVT/0KpFX5vmqbylqTatAFdmXdtqPbVjyvm/2aa23dtWgBu35aPKpzSbfl/ioaTau5l+WgAX7tDVIu1lXbTtlAELK235fmqrNuWStBVqORfm3NQBRb7tEf3RTZt0rNHF/31Tdv2f5d25VoAk8r5qGZtv3mqaPbcLTmVdtAFXzZF/ianR3U3zfvGX/AIFUnkim/Z1oAja6uPmXzpNv93dUbTSNGqu2/wD3qsfZ1oa3+WgDPmt42Vv3MTf70a1Xj03T5/8AW6fZy/71rG3/ALLWk1v/AL1RraqrbtzUAYeoeDfDdxt83w7o8v8AvafD/wDE1n3Hw38H3C/N4R0Fv+4fH/8AE110lv5tRtb0AcTJ8J/BMv8AzKelL/1zt/L/APQabb/CPwmrNt0nyl/6YXlxH/6DJXbNbqrU1Y2Vt275aAOTb4T+HYl/cLqtt/D+71q8X/2tUK/C+xibdBr3ii2b+9Hrlw3/AKEzV2jU1u9O4HG/8K+kVvl8YeKl/wC36OT/ANCjaoW8C61EzeR4+15V/uz29nJ/7RrteaikpoaONXwv4qiXcnjyVm/6b6Lbt/6Cy03+yfHFu25PFWjzr/030Nl3f983FdltZvvVGy7qGM4/7H48iXc2qeF5/wDesbqP/wBqNUbXHj6L71j4Xul/2by6h/8AabV2Td6hkWlsBxP9veNlk2v4Z0eXb/zw1pv/AGaGqNx4m8VRNM0vgnzV/vW2sW7f+hba7aS1kkk3Iyqv92pGs18vbt+VvvUXA5FfFuteX83gXXP+2dxZyf8Atao28dSR/LP4P8UQL/e/s+OT/wBFyNXZLEu3bUcy/wB2gDi5PiNp6/6/S/Edt/100O6/9ljaqrfFDw3E27+0p7Zf4ludPuof/Qo67r7v96iSWT/no3/fVIDgZvi54NuI9reJtNib/ppN5f8A6FVqx8b+G7hvk8SaKy/7OoQ//FV1FwzXFx87eb8v8XzVXk0HTbr/AF+m2c//AF0t42/9CWgCGHWdLnX91qljLu/553Ubf+zVYkiW4j3Iyt/dZWrNuvAfhm6+Wfw3o8v+9p8P/wATWfJ8LfBsv3vCulf9s7VY/wD0GgDorVbhV2uu7+622ppJfKXdtbdXIyfC3wn/AMstHW2/69ry4j2/98yVV/4Vzpfk7Yptai+b/lnrV4v/ALUoGdta3DM21vvVY+81cLb/AA7WK4ZYNe8S2y7f+WerSN/6FurQXwXfQ/6rxp4jiX+6zW8n/oUNNDOs3bKXmuQk8K+IFb9x461Pb/03sbOT/wBBjWpF0PxdF9zxhbMv/TfQ423f98yLTGdU1O3fLXJ/YPGi/c17Q5/+u+kzR/8AoNxTvK8dLt2zeF52/wBpbqH/AOKoA6paSuUjuvHVvu3aP4euf+ueqTR7v++repP7b8XK3z+D7Nl/6Ya4v/s0a1IzqqZzXMf8JN4kiXdL4HvP+2GpWbf+hSLTf+E01D+PwX4jX/rnHbyf+gzU0FzppKirnJvHnlSbZ/DfiaL+839ltJt/753VH/wsjSV+WW11qD/rpot1/wDG6YzpG+VqNvzVy8nxQ8LrJtn1KW2b/p5sbiP/ANCjoX4q+D1+94m01f8ArpN5f/oVSM6hlprfdrDj+I3hW427PE2kPu/6fo//AIqrkPijRbr5Yta02Vv9m8j/APiqALy0NUMd/Zy/6q8tpf8ArnMrVY+8u5fmWgCGRab/AA1M0Um3dtbbUMm5f4WoAhkprNtWq/mt5m1vvU5l81vvUAV7iVWbb/FViPakK7WpyxKv3VqFrfazMjN/u0ATfw/dqPcqr81R+f8Aw/daoZmZm20AOaWNty7qbCy1CtmzbWapvKVV+X71AEjNto3VH5v8LUSN5S7qCh0if3ajZqbb3Hmsy1IyrQBG1NqXmmLTQDaKG70UwPWf4aSRtsbN/Cq7mpyr/ep8P+uX/eqzI8wsfj74HvNUs7OLVp2W+vP7Phu/sMy2zXX/ADx8xl27qq+JvjJdeH7i3VvCd5FbzeJI/Dqz303l+Zu/5eI12/NH96vnOG41LSbWx1y6W21Xw7Z/Eq6X+yVVo7mS6Zv3cnmfxbf7u1a1Na1KO3/taF7r93b/ABWt2VZ5t22NV/2v4aliPrC68W+H7fWLrSZda0+LULOFri4tmuFVo41XczN/wHa1eW/FL4xaPdeA2vtG8QavoqrqFjG2pW2lyeYqyNuVdsm35ZF/irznwP4cXVta8XWPiHSfEur+ItL1TVrhdPjj8m0khuI2XzPO8v5mkXaqru/u7VrH0n4X+LvEHwb1zw/4cXUPEOhx+ILVtJXUPLt7mGO3ZmuI5NzLt2t+7/3t21aQmenaP8RNU8P/ABw+KWm+dea8sc2m2+l6Nc6gyr50y7mWPduVf4m/3Vr3KG4a1kXz1RZmVdyxyblVv9ltq7q+afH37N3irxv8TPF3iq1az0PUriaxuNDu2vtzW8kKqrNIsat95d3/AHzX0ho9vfLa2Lav9mbVPLX7U1pu8lpP4mXd81JiNJYvtEm5/u/3asbVpqsq0b1pASbqkVlqGNt1TLQA5kVl+ZVaq8itb/NG3y1aWobr5F/2d1AEirNt+8tOWKTd80lSRq22pl3f3WoAj8ptv+sqGSFtyrub5mq8sUjf8s2/75pskEjMv7tqAI1s/m3NI3/fVSLaru+83/fVSN+6++yr/vNVebVLG3bbLfWsX+9cRr/7NQJlhbddrfNVeGz2+Y3zSs3/AI7VNvGGgxff17SF/wB7UIf/AIqoW+IPhWL/AFvirQ4v97Uof/iqBGktvI3l/L9371SNA3nRsFXbWHJ8UvBNv97xhof/AIMIf/iqjk+LngVV/wCRu0dv926VqAOga3uNzfvI/wDZ+Whbe8/5+I/+/dcy3xi8E/8AQ1abt/66U6P4xeB2X/kaLF/93d/8TQB1yq235m3NVVl+z3TM33W/irm/+FxeC/4fEEDf7sMzf+y1G3xc8Htt/wCJ0vzf9Otx/wDG6AOk3ebdfL8yqvzVNcS7odq/M1cqvxc8Hq23+2G/8Abj/wCN0L8WvB/8OrSf+C+6/wDjdAHXW6stuu5fmo+0bq5Vfi/4P/6C0n/gvuv/AI3Ucnxc8H7tras3/gDcf/G6AOwZlVd1VVVrpv4lj/8AQq5O4+LXg9VVv7YX/wAA7hf/AGnTY/jN4N8xl/tyJf8Aet5v/iaAO2WJVVttQzWqt833Wrlf+FyeCd3zeJrNf95ZF/8AZac3xk8D/wDQ1ab/AMCkZf8A2WgDpIbfa25lXd/s1C0rKu3+KsGP4ueB2/5mzSP/AAKWq/8AwtLwP5jN/wAJdou7/avo/wD4qgDqrNfl+b5mqxsrl7f4l+D2+UeLtB/8GUP/AMVViPx94Vl+74o0Vv8Ad1KH/wCKoA3GpKyl8YaDN93XtIb/AHdQh/8AiqkXxBpbfd1TT2/3bqNv/ZqALkkqr95lWqrX0a0SXFjdL8t1BL8v8My1XksPNj/dMrf7rbqAL0cqsu5abu96qw6azQ7ZVkVlp0mm/L/y0WgCwzfLUe6mratt/wCWlNa12tu3PQA6R9tN3e9RyRNu/wBYy1G0TL/y0anYCRqa1QyRTbflm/8AHakX5Y/m+9TKBvu01qd/DTZKAIaa23d/s0NKv96o1lX+98tJiY5mWo2ZV+9TWlj3fKy0bqQIb9+o5NtSbl9KhZtzUDI2Wo2XdUzLuqORfloFcosu28X/AHWq43zLVeRttxHuqfmgYxqjZd1S0xu9AEe2jy1WhvvU5aAHKvy/LQq0bvenLupoYn8VP/hWkpN25qoY5V2/8Cp22hWpzN81Axq1DNLtk2/wtUy/+O1VuLeSW4jbb8q1LAFuNu7dTvtG2Rd33WqH7OzNIpX5d3y06aLzfL+X7rbqQDpm/iFRtdNDtVWbc391qay/K3y1HDF91m+9uqhlpbqTduaRtzf7VDXG6Ta3zN/tVG3+sWiNV85qTGNms7e6XbPa20//AF0hVqz5vCWg3G7zdD0qX/esY/8A4mtj5aaqqv3aQzm5vh94TlXa/hfRW/7h8f8A8TVNvhf4Pb/mWdNX/rnD5f8A6DXVXETTxyQpNJBJIrKske3dG395d1fKul/HbxZZ/DWHxNP4gg1XVo9abT20KS1hVrqPd/yz8tVkVqAPcF8EeBV1j+y4rWBdSWHzmtINQmWRY/u7tqyfKtTXXw30PcvlR6lBt+X93rF4v/tSoZtJ1KX4tafrUWnyf2euhtZzXO5dqyNMsiqy7t33d38Nds0VUBxf/Ct7NGXytY8QwL/dj1ib/wBmZqd/wge3/VeJvEsX/cQWT/0KNq7BlVaay0Acr/whd9H/AKrxl4gX/ro1rJ/7Rpv/AAiuuf8AQ7aky/7Vjat/7Trql+7Uci/NS2A5G68M+IG3NF4wb7v/AC00mFv/AEFlqG10bxZF80fibTWb+9Jov/xM1dhIvytVW33NGu5dtIDn2sPGX8OuaC3/AHCZl/8Aa1Elr4yXb5d94el/2Wtbhf8A2aumbvTWoA5lv+Ey/ij8OSt/10uo/wD2VqpyXnjTcy/2boMv/cSmX/2jV7x1480n4c6XHqWsrdJYyTLb+ZbQ+Ztkb7qt/vbWqjpfjrS/FGrahoNlcT6Zr1vD5kltqFq0ckKt/wAtNrfKy/8AAqAC3l8YRN82h6K3+7rEi/8AoUNTLq3ipZNr+FbNv+uetL/7NHVH4X6lqWpaHdNqOpR6v5d9NHa3aqqyTW+7920ir8vzL83+7trtF+ago5dte16JefB8j/8AXPVrdqavibXG/wCZLvt3+zqFr/8AHK6RlpuygDCh17VZGRZfCeowjkFvtFowHHU4kY8+3FFb60U7gesLQ0W5WX5l3fxL/DTlSuTuvHlxLNJDpfhHxHq7RttaT7KtnD/wFrhl3f8AfNaGJn+F/gz4N8J6gt9Z6fLeX0d1JeRz6hdSXHl3En3plj/1ayN/eVa6Cx8P6HpbTTWWh6ZbSSSeZJJHZxqzSf3mbbuZqwW1Tx1eSbYNB0PRV/56ahqUlxJ/3zDHt/8AHqrroPjS/jb7Z40ttPVvvR6No6q3/fyZpP8A0GkI7hr+Rtv3v++qo6H4f03wloq2thGtnZtJJM0kkm5pJJG3NIzN/EzVyv8Awre3vNv9qeJvFGr/AC/MsmqNbxt/wG3WOpIfg74LiZZJ/DdtfNt27tSkkvG/8iM1IRtX3xB8J+HGZdR8TaRZyfxeZfR7v++d1Yc3xp8G3F9GtnrX9oL/ANQ+zuLr/wBFxtW5p/g/R9J2x6Xoem2K7dqrbWccf/oK1rK01usKqzIqr8u35flqWBysPxVtbxf9D8L+LL5f70eiyRr/AORvLoj8b+ILpv8AQ/h7rX+z9uvrO3/9qM1dZZ3C3UKzRTRzwyfMskTblb/gVWFi+bdSA4+PXPH0v+o8K6HZ/N/y/a40n/ouGrELfEi6kZWk8Iaev+yt5df/ABuuq+y/3WqaGLZ826gDl/7D8eSr83jDRYP9m20Fm2/9/LhqjvPB/iqVf3/xC1D+H5bTSbOP/wBCVq7Sm/aF8tmZfu0AcvH8PtQZVWfx94skX+7HNaw/+gw1M3wvsbhV+0eIvF1z/va9Mv8A6L210lncfaI923atXI2oA4//AIVH4ZZv366xef8AXzr183/tao2+DfgfzF3eHYJ/+u91cSf+hSV23y7ahZlWRd1AHMw/BvwGvzL4P0dv+ulqsn/oVXofhf4Nt1VU8I6Cq/8AYNh/+JrpFpy0CZkw+CPDNv8Ac8M6Kv8Au6bD/wDE1cXw/pMW3ZpOnxbf7trH/wDE1cpyt8tAiOO1t4l+W3gX/dhWplVVX5VVV/2Vpysv8NOoAbvkX7rNQssn/PRv++qN26nUAO82T/no3/fVNaWT/npJ/wB9UM6qtN82gB3myfxSSf8AfVO+0Tf89pP++qavzVHu+bbQBM1xN/z0k/76qPzpP+ej/wDfVDfNR92gBskskq/6xv8Avqsv7RIs27zGXb8v3q0mZWqjJt+0f7LUAXPtEir8sjf99UeZJ/eaq8bKvy7qk3L6UANk+Zufnqu1vum5jjZf9qNak3bpG/2aasu2ba1ADZNNs2+9Z2zf70K//E1Xm8P6XcL+90vT5f8AetY2/wDZa0N1NZl3UAYsng3w7L9/w7o7f72nwt/7LVeT4feE2+/4V0Fv+4XD/wDE10Td6jb5aAOXk+FXguf5j4P0H/wWwr/7LVWT4O+B2/5lPSE/6526r/6DXZLRxQBwd18JfA9vHubw3aqq/wDPOSRf/QWqO6+Fvg+3t/MXTZYl/wCmGpXS/wDtaus1BftUyxr/AA/NUccSywyW8tAHK2/w08P/APLJtas2/wCmGuXi/wDtanf8K00tZNq614mVm+baviC6/wDZmrpG3RXH3l27arxtJLI1wnzLu+9QBit8N4V/1XijxZB/u6tu/wDQlaof+EFvl2xweOvFEW3+GSa1k/8AQoa7DzWZfu1T2yNIsm7c26ncDnW8G64rfJ8QNa/7aWdi3/tGo28L+Kov9R46ll/6+dFt2/8AQdtdlt+Wm7flplHFrofjZflXxdpTf9dtB/8AibimzaX48VW2a94bl/66aTcR/wDoNw1dky02T7tAHB28XjxV/wCZVuf977VH/wDFVVurrxxbyLu0vw4+7+GPVLhf/Qrdq7z7Ku3/AGqjazVlbd8/+9SZJ5/Nq3jK12yP4T09vm2/6Nr33v8AvqFadJ4g8UfZ/wDkR7lf9qPWLVv/AEJlrtGs/wB4rMzNt+7TWtf4VkbbSA4+HxprSwr9o8C65u2/egms5P8A0Ganf8J9N91/B/iqJv8AsHrJ/wCgyNXXNaqse2qrRXEX3f3tA9zm5PiNZwybZdD8TW397zNDuG/9BVqqzfFrw+q7d2pxSf8ATTR7pdv/AJDrqmlkl+VV2t/tVNbq1ru2yNub7zbqAscPJ8UvCMS7rjXoIpP+m0ckf/oS1JD8WPB/mKv/AAlWjt/vX0a120ksjfekZv8AeaqclhHcSbnjjb/eVWoGY6+PvC9x9zxJo8v+7qEP/wAVV6HXNPuv9VqVnLu/553Ubf8As1R6hpOm3Em2fTbOfcv/AC0tY2/9lrNXwH4Zumb7R4b0edv9rT4f/iaAN5ZY2baskbf7rLUjQtt+VWb/AHa5uT4W+DW/5lHRf+A2Ma/+g1Xb4S+Dd3yeH7aBv+mEkkf/AKC1AHWKsn8Ubf8AfNDS/LXKx/C3w7E37q3vIv8Arnq14v8A6DJQ3wx0nd8moeIIP+uWuXX/ALNJTQG82qKvy7W3U23vN0jbm/3awW+G8LN8niTxRF/3FGb/ANCVqd/wru6t/wDj38YeI4v+uklrJ/6FDTKR00d4v96rH2hW/irk18G64rfuvHGp/wDbfT7OT/2mtSf8Iv4mVfk8abm/6b6LC3/oMi1IzqluI/7y01rhdy/NXJr4f8ZRSbl8TaLOv/TTRZF/9BuKkbSfGn3v7Q8My/7LWN1H/wC1GoA6xZVZflZabuX5q4tovGyzfLa+GbpV/iW4uo//AGVqjZvGW7c2g6C3+7rEy/8AoVvQB2nmq1Hy7q42TUvFVuq/8UrZy/8AXDXF/wDZo1py694i2/P4NvPl/wCeGpWrf+hMtAHXfe+9TmWuTh8Ua1Ereb4L1zb/ALNxZyf+1qG8c3kTbX8G+Jl2/wAS2sMn/oMlPcZ1NRSXCo23dXN/8J5Gv3/DvieL/uDyN/6DWfcfETTfM/eafrkH+1Jot1/8bpDOw+0Mv75F81o/mVd23dXzLpv7OfiKw8NzXVutnp/jTTdWk1TS76C4VlkVvvW8jfe/9lr2SP4neHbeH97eXUS/xeZpt1H/AOhR0N8UvCKqu3xBbL/vLIv/AKEtAzptDuL660u1m1KzXT9QZf31tHMsiq38W1l/hq8zVxq/FLwey7v+Eo0pW/utdKtWI/H3hmVdy+JtIf8A3b6P/wCKqgOlpGrBj8TaTLG0kGuafK33v3d1G3/s1alrqlnPGrLeW7bv7sy0AW+aRqjW4jl+5JG3+61S81IEE3yrVe3/ANXUjbrhm2K23+9tqFYZFb7rL/wGgCT+Kio/N/ianLLv+WgDx39rBVb4N3UjMqtDqFrMrM3+03/xVcz4PZv+F8aovjRo59U1DS1t9FngXy7K6s2+ZlVf+en975v71fQF9YWt4qrdWdteL/CtzCsm3/vqqdx4f0mVbdZdLsWW3/4991uv7n/d/u/8BoAboPhnR/C9rJb6NpdrpVvJJ5kkdpGsas23bub/AL5rQbvTmams3y7qABvu1Cybadu+XdTWagob92ijd70UAeuLTW+ZvvU5fvULu3fIu5v4a1MWee+KPix4f8MtqE1wuoXWn6TMtvqWpWlr5ltYs38Mjbv9pd21W27qmh+JGnr8SJPCstvGtv8A2KutR6y14vktC0ir93+H733t1eH+D9SX/hjvx59v/wCPxptUW68z7zXDMu3d/tbmWuH8aS694D1rw/DLYwam1j4F0/8AtjT7lv3jWq3StJGv+1t2r/u7qRJ9hTeN/Dtrqmn6W+tWP9oaht+y2yybmm3NtXbt/vf+y1k2Pxk8H6l4oXQbfVGl1CRZpIZPs8n2abyf9d5c23a235vu/wB2vE9Wuv7Y+PHhvxJ4Ivpb6z1JrGHUtJktW8n7Ose6O4j+Xavlr8v8LKy/7VZPw/8Ah944b4keG/EUvgW50ixtZNWja2kkjjtLdZN3l7Y2bdtb7zM3zMzf3dtIDvPiF8a9F8ZfBnxZqFrpviCLR1sVmXULGaGGSSFpvL3Rtuba3y/MrbW2tXF6peRxfHLWrq3t5Lm3b4a/bGtru4b/AEj92u7zGX+JlXazLUlj+zj4mXwb8RNL0uxj8Naf4ktbWG30bUNSWSG3uPM3TSK0e7bH8u1f4v8AvmuwX4GeJLzxdca5Lqmj2a3HhNfC7QL502393taZflX/AL5qWByvhX4v65o3g/4J6L4P0vSNMs/FFvcW6wXazXH2Py2b5lbzFaT7275q9S/Z5+KGsfE74arq2twxS6pb6hcWM0lpH5ayeWy7W2/w/erB8P8A7NzaXb/DtZfFTeZ4JWZbNrbTV/0jzG/5abpP7vy13nwn+GNj8JfDN1ounahdahazXkl5uu1jVlkk+991fu/LSA7L7VcfKv2dvm/vNVhpbhY/ljXd/vVGv3o/71Wo2b5t22gCG3aZm+fbTVVnmk3r+7Vv++qsRq3zMv3qJIpPl+bd81ADl3eT8lEcTSru86RaNu7dtWpI4pP7rbaAI1i3N880rL/vUSL5Ui7t21qsfZ2/3asLFQBVWVrdv+mLf+OtVqG4Xcu6ofKX5tjLKqsyttbdtZfvL/vVHeX9jpK2rX99bWcd1cLawtPJt8yZvuxr/eZqBM0Gl+WpFX5VqFlWnK26OgRNDTpm3R1i3nizR9J8RaXoN5qEcWsap5n2O02szTbVZm/h2r8qt96tpl3LtWgCPftoWXdQ0X+1QtvQAbv71Nb7y7akaKnLb/d+9QA5WqFv9Z8tcLffG7w3a+Eda8RPDqv2HSdQbTbpfsLLIsy7f4f4V3Mq7m2120f+soEWN1QtL81Elxt3LtasHxh4qs/Avhu+17VIbptPsY/Mm+yQ+dIq/wC7/wCzUAbU0u1Vaqu1riRm/hqxbtDqVjb3Ue7ybiGOaPcvzbWXcv8A6FTvs6r937tOwFVbdf4qdtX+7WXovjDTfEHiLXtDt1uotQ0VoVuvPt/LX94rMrR7vvL8v3q3Gi+WkMhVdsm5f4qb5TM25qsLFRtoAh3NuprNuZak2LWaur2sviCbR/3qXkNqt437lvL8tm2/6z7u7d/DSAvSblWo2lrN1bxVo+h61pOj3t95GoatI0djB5bN5zKu5vm27V/4FWps3UAN3fNR5rbv7y1Xt7y3v7i6t4Jlaazk8u4j+60bfw7l/wBr+FvutU0yrErSPIqxxruZmbaqr/eagBrSru3VX83+Jao+H/E2h+MIZptD1rT9Xhhby5msbhZvLb/a21Nql/Y+H7NrzUr620+zX5Wnu5ljj3f7zVVgJm+ZdzLTlb5fu1DCy3VvDNBJHPDIvmRyRtuVl/vK38VSLEy7aQDfN2/Lt+WnL5fmblqut1a3EazRXVtLHJJ5KyLMrK0n3dqt/E3y/dqZomoAbI3zf7NDXC1GytTWVvu0AOZvl3VXW43TVM1u3zfe/wBqq7W+2Tc33Wp3AdJcbPmao/N/75pskXy/e3U3b+8pAOaVabuVvu01l/h/u1TjZvO2r8tAFq4ZljZgtRq26PdTv3jRtuVfu1DGrfZ1ZfvUFEN0u3a392o7dt25f4lq5tVl2stZP+quo2/2vLagDS2r/FTf4vlqRvu1C0qrQBHMqtIsjfepsdv5TMy7vmo81ZGWpvloAZUf8VTc0xttADdlC/e+an0UDFXay0tItSVQyNakXtRsp3+792gZHtp00q7fmpyrUN1/DtWlYCnMv9xti1C263X+Jq0Ps+75qb9j8371J6DM35ljVnZt1TR7vvbv+A1a+x7/AJX+Zac0XlLtWhahYj+bbVdpZvO/vLVpl+7UbRNu3KtUFh33vl+aofs/7zduqxt+bdR96kxlGS3k3NskZVqRdy/N5j/99VYkWsnxBrln4X0m41TUZJItPt13TSRwtJ5a/wB5lVW+X/apDLU1utx99Vb/AHqozaDYytulsbaX/ehVqo3njzQ9Nt9LuLi8lgj1RlWx3Wc26Zm+ZV27flb+La1dAzU9gMWbwfodx97RdO+b+9Zw/wDxNUbz4d+F5du7wzo//gvh/wDia6elZd3WkBw7fDfwqjf8ivpH/AbVVpv/AArPwjK3yeHbOD/dVl/9mrtPKWqc1uyyf7LUAc6vwt8Lr9zS2g/64X1xH/6DJVeb4aaCv3F1KJf+mesXi/8AtSuuhbctNmXc1AHDzfDvTV+5da0v/cauv/jlTR+BbXzI2bVPEEX+0usTV1jW/wDdpqru+agDmbjwQqf6rxF4jX/ZbUt3/oS1Gvgu63fJ4s8Qr/tfaIW/9CjrqNjVGyssi/3f71AHPt4Pvm+X/hMvEH/Avsrf+0abJ4V1Ly12eMtYXb/et7Nv/aNdRu/2aa3zUAcqvhnXP4PGV5/200+1b/2WmroPiS3Xb/wl27/rppMLf+zV1Ea7flom+agaOV/sXxR97/hKrX/gWir/APHqK6eiq5RnrbLR/vUN92hV8zav96rMWcb/AMKt8J/8JBcat/Y8bXFxcLeTR+dJ9mkuF+7M0O7y2k/2ttdBNpdjLfNffYbZtQb5Wufs6+cy/wC9t3Vh+FfFX/CX61qk1neQLpNjNJZw2y7WmumjbbJcN/Ese7cq/wB7azVJq2qNf+PNF8MxSNFD9lk1a+aNtrNHGyxxx/7rSNub/rnUsk6ZvtDQtuaRlb+H+Gs+61KzsGtY72+trFrhvLhjubhY2mb+6u77zV5T4Dv2X4va1J4t0XV9F8SXEdxdafPd6l52nSWatt2xqreXGyx7d3/AmqT46abY/FjwjpOm6DqVreXi6sv2e7sZo5vJuFt5pI13L935lWkB6R4s8QaX4N0ObVNbvo9P0+NljaSTc3zM21V2r8zNurQs4vtFrHMiyKsiq21o2Vv+BK3zLXzH8WPHS/GL4V6XqyNJFHpMNnfalAvyrHqUl0sPlt/u7bhtv+0teheOtS8XeN/GnjLSfD2vReHF8Nx2skdy180ax+YvmNNNGsbecu1du1mVVoA9SvLxYl1KOyjXUNSsYVkbT1k8tmZlZo1Zm+Vd21qwf+E0vrf4heHfDN5o8dt/aml3GoSTfavMaGSFV3Q7VX+9J96vJ5tJtZb746Xn267XUP7LhmhubbUJo/maxaRmjXd93cq/7q/LW5pt5Ivjb4OtFJF9sk8G3XltM3ytI0Nvt3f8CqQPYNabUrfTZP7Gt7a51JmWOH7Y22GPd/y0k2/NtX+6vzNWD8LfE3iLxHa+ILXxPa2K6hpOqNp63elqy210qxq25Vb5l27trf7VUV1zXPCug3l98Q9U8P2NnI0dvDPpcdwqxs27/WM3zfN8v92sH4X+CLqzj8cL4U1q50Xw3qVxbzaTdyR/aljm27rqSFZvvRs21dzfxbv7tAHRfGz4jSfDvwratatPFqGpX1vYxyQWskzQxyTKski7VZfM2t8qt95v71Qr8QdN+GOl6h/a+seIfEdvH/xMppLnT2km0uzk+6tx91l+6zfN833vl+WsX4qeF/EEXgvQ7FrzWPHGqL4isb6SeOxXzFhhmWRvljXaqqq/7zbqo+KPC+sab8VvEWrN8OYPHWj+JIbWS1nuWhVtPmjjWNo5lm+7H/FQB2WqfHbQbPWLjSdO0vWvEN9Dp8eqbdNs90c1u33ZFkZlXbt/i/4D96m3nxG8N69q3wtvl03UL5dema40fUFby4bWRrdmbzl3fM23d8u1qybPwr4k0n4katqSeH1n0+TwrDo8clpcW9vDJcRszbY42k3LH+82r/u1j+Hfhj4s03Qfg/Z3Gl2qyeEZmk1Bm1CNty+S0P7varbv9Zu/4DtoEzpvhDFa6T4++MUayLBax69b/NPN8qq1qrfeZv7zNXYeMPGUNna2un6TqliusapI1vaz/aI2W3Vf9dcN83/LNW+7/eZV/irmfDPw3uG8QfEKTxRpelahofiS+hvobbzmuNvlxrGqyRtGq/wq33q3v+FS+B7i3t7d/Bugtb27M0MbWMe2Pdt3bV2/xbV/75oJOF/Z717Q/Cvw58RLea5awWdj4m1CNru+vI921ptsbSN/tf3v4q6Tx58UIbXT/BuoeHm0PxHpepeIrfS5rjzPtHks38UO35fMX5vm3fLuWrHw3+D+i/DvStWslstMvP7Q1Ka+ZlsVVfLaTdHC27duWP8Ahqx8QPhv/wAJlZ+H7WwvrbQYdH1SPVljjsVkWSSP7q7VZVVfmbdQBzvxK8ZeMPC+pWen6NNos+satfNDpOkNZySSNbr/AKy4mk85dqqu5m+X+6ta9j4o8ReLvFHiTw/ompWOmXXh23tY7i5ksfOW6vJo/M27Wb93Cu3/AHvmqBfhVqkXjTXPE1t4uZdQ1KNbdWk0uORrW3X7sMO6T5V/i/2mq9b/AAqXSda/tjRvEWpaVqV1Yw6fqEixxzLfeWu1ZmWT7s3+1QM8q8TfGuLUtL+DfxA1DTbhTb32qfbLKxjaT95HbtHJ5f8As7l3bv4V/wB2vSb7xB4ws/he2uWF5/wkepXTQ3SwaXbwt5NqzbpPsvy/vpFj/vfeZfu1oSfBvR1/4Q+Oyur7T7PwqzSWNtH5bLI0i7ZGmZlZm3Kzbv8AeqPQ/gnpfh/RZNJsNc1q209b7+0rWCOSH/QZt279z+7+WP5vu/doEc5Y/EqTV/AUupaX41WcNrkNn519Yquo28LKvmWq26x/Ndbt235fu1d+H/ijxB4m0nxtZ6prl1pH9g60sK6pfW9ut3DZ+WszLJtXy921m+bbW5qHwb8P6lZ3C3kmpS6lcapHrDaxBMsN39qjXy1kXau1dq/Lt21Qb4C+FLyz16zkn11Ydckjm1Dbq0n+kMv97d/e2ru/3f7vy0Acla/EbxVofw/8afEhtSvNQ8Ox2+3w/puqQwq0y7lX7ZJtjVtrM25V/u11Gqaz4g8C+MPh2BrV54j03xJcf2ffQXaxttkaHzFuIdqr5a/K25fu7a6aH4aaTErLe3Wo61btZyWP2TVLhZIVhk27lWNVVf4Vp3hn4b6P4ZvNPmgbUL7+zY2h09dSvGuFsY2+Vlh3fd+X5d3zNt+WmgPD/FkrN8E/jsu3dt8WXTL/AN/rVq9A+G/jK48bR+IvEV9rdzo01i0lvJoVw22HS/Ljb95cL96Rm/1n3tv92uiuvgn4XutH1rTZV1OWz1q6+3ahA2pSf6RN/eb/AL5X/vlamj+FXhv+3ptYe3um1C4sV0+6ZryTbdW6rt2zL92T5f4qGB5v8PfFHiFviJ4Ms5NW1TUdJ8QaPdTTXeoMrLdTR7WW4t4W+aFfm+VW+8v8NYtmuveKPgf421rW/GGq6m0NvrVj/Zs6w+TIsbSKrNtXduXbXqmk/Anwbo9xpNxa6bdfaNLVls55NSuGaFW/hX5vur/Cv3VrY0H4c+H/AAz4f1DQ7O1ll0m+aRrq0u7iS4WRpP8AWfe+7u/ipAeZ2N14o8B6l8Mbr/hJL7XtP8SLHY3mjXMMaxx/6L5iyQ7V3Lt2/wC1WbJ8Q/EVx8D1+KVvq1z/AGpHcNcSaM21rJrf7V5LWvl7flbbt/efe3V69oPw/wBE8M3FpcWa3k81lD9ns2vbyS4+yx/xLHub5aqR/Cnwxb3k0iWEy29xdfbpNNW6k+xNcbt3mfZ923duXd/d3fw07geQeKvHlx4X+OXjDT4ppdDtdcj0W3m13buXS/3cm1m/2mb92u75f71dp8VNc1zwXNprLceILzw3b2M39oX2ktDNf2szN+7uJo9v7yHbu+6u2uk1r4S+GdbvPEF5f291cza9CtrqCyXkm2aNfurt/h2/w/3aktfhbosUdqsV5rFtJa2rWMckeqSeY1uzf6tmb7y/3f7tIDgfF3jrULzTY5PD/iq51OSHwn/aUceiRqrNNtb/AEy4aRdvktt+WP733vlqRfFvirxH4g+FccHiCTSrPxNoM15fR21nC22aOGOTdGzL8rfvP4tyr/drrtS+C3g+9ureb+y5rZYdPXSfJtLyaGOa1X7sciq37xV/2qNH+EHhvQ5PDtxZrqMU2gwyW9j/AMTCRvLVvvK27725dq/8BWmgPLZvG/jjS/hzrniJ/FX2m48L+IJNJaBrGHbqEK3UcbNM23722T+Hb92u8174g6l4X+LHiizurprzw7p/hVtch09YVVlkjmZW+b7zblX/AMerQuvgz4duvDuraHJJqv8AZerXn9oXkH25v3k27czbtu5dzKrf8BWtSH4d6T/wlzeIJ7jULnUG0/8AsuZbmZWhmtf4o2Xb/E3zUXA8p1S61bWdS+BfibUdaa8/tTVo7iTT1t41ht2uLWRlWFlXdtVfl+Zm3feq9cfFDxJdfDnxB8RNOvIlsdJvrpf7Ckt18ua1t5vLk3Sf6xZm+Zt33f4dtdVa/s++HLBdFhi1DxB9g0W8+3aXY/2l+5s2+b5Y/l3bfm/vVoXXwb0O4k1aNJtQttH1i4+1alokMyraXE3yszfd3KrbV3KrKrUXGYvjzWf7G+IXwx1yz3RLrV02i3S/xSW80PnR7v8AajkXcv8AvNW9o/j7wn8Rri80WzmbUGWPzLi2ubGaNfLVl+95iqrfNt+Wna14Zk8VePPD99PbtBpfhuSS6hZl2/aLySPy12r/AM841Zvm/vN/s11GrWs2qaTdWaahdafJNHtju7Rl8yFv7y7lZaNxHk/hGX+zf2gvEkOoeH10O81TR4W0+S0kjkhvLe3k/eM237s26Rf+AqteheJtGs7+z+0XGhweIbizWRrWxn8vbIzbVb/WfLu2/wATf7VQ6H4NXTdWXVtR1a61zWFtWs4767jjj8mFm3MqrGqruZlXc3+ytYPh/wAL+LovC9jDdeLryDULe8uJPPvrO3uJLi3b/Vx3Cr8u5f8AZamByvwV8VeH/B/wjhj1a6Xw1/ZupXGn3ltqknlra3TSNJ5K/wCztb5f9muivPiNDr3iDSdB8KyaZq8moWM2oSXdzI0lotqsnk/w/wCsZpG2/wDAWrqvDvhWz8P6fdW//H9NeXEl5eXNzGu64mb70jL91fuqqr/Cq1z/AIq+G82peJtH8SeH9Ui8Pa1p8Mlm26z862uLeRtzRyR7l/i+ZWVqYzyP4d+IV8L/AAh8Gx3vh2x1OP8A4TKbT2WSbaunzNfTLHJCu35tvzbfu113iT42a5oNx46ZfB8VzZ+EZI2vp/7UVWkt2jWTdGvl/M21vu/d/wBqj/hQ+rReD7fQ08UWs7Q+Iv8AhIlnn01vvec03l7Vk/vM1XvEXwj1bWY/iQq6xp6x+MreOHa1rJ/oe2Hyd33vm+X/AMeqWBNpvxa/4qKbT9e0WbQbdtHk161uWulm8y1jb955ir/q5F3fd+asnS/j7b6zffY7PRWnvLrTZtQ02OO+jkWby13eTMy/6mTb8235v4vmrQ1D4T6lrPiLSbzUbzT5dPt/Dtx4fvIIFkWSZZtu6RW/h+6vy/7VTeA/BvjbRrO10fxB4g02+0XT4WtbeexhkW7vI9vlx/aN3yrtX+795lWhAc74f+JC+IPDfwt1TxFpepRalrF1H9lubS4jW2aZoW+aRVb/AFbLu/dsv8NbXwtluF8SfEbT5bq5vFs9eXyftMzTNHHJawttXd/D81c/p/wq8Xab4R+Hujv/AGLeN4V1SG4Zo7iSPzreGNo/4o/9Y3mN/srt/irc0/4aXV/r3j7/AISCzj/sXXNQhvrVrHUJFk/dwrH83l7WX7u771NgbnjDwvrHiC8tWsvF154VsbeFvM/s+GNmmb+9I0it8qqv/oVZ/wAJ7rVtQ+Hej3ms30+p314sl19pnjWNvJaRmh3Kqqv+r21a1zwfNZ/De+8N+HFl8y4ha1ha5umkaNZpNskjSSMzNtVpG/4DU3ibwDZ69Z2Niuoaxo1vYr5cP9jag1r8u1VVW2/e27aVgK+ufEHw/wCGbq4t9RvpImtY45LqVbeSSO1WT7rTSKu2Pd/tVz//AAm82jfEzxNa6tq0C+G7PRbXVIW8lVWFWkkVm3L8zfdWsnUvB+teHNQ+IFjBpN54h03xVar9juVZZGjm+y/Z2juNzLtX7reZ9371cH4o+G/irRvE2g3Wm2N9qcnhvw3p8PzQs1lqlxbyMzW7f7ytuVv4WVaLAe6XnxB8O6atq15rEFst1Gs0PmKy7o2barN8vyqzfL822rGoeKtF0vVIdLvNWsbPUptvl2k9wqyNu+78v+1/D/eryP4kNqmuXy65omm69pWvNpca/ZLvT5JrbUl8yRmsbiPbtVlb7sm7+LdVXXrC8h034raDqmm3N5qHiZvtmkyW0LTLcSNCsccKyL91oZF/iZdv3qLDue9feb/arzv/AIWNHL8VpPCtvYtPHHYzXE19u+Xzo5I1aNf721ZPm/2vl/hari+H/HUX2dk8WaeqrZxxtbSaX5jLN5O1m87zPm/efN92vPdN8G+MPC/xS8B2891ot9aw6bfQyXMFrcLuj3QtM0jbm3TM3zL/ALW6mM9Y8ReKLPwzpM2pajJ5FnDtVmb+Jmbaqr/eZmao5LrUJdQmjexWLTVhWRbnztzSSbm3R+X/ALK7W3V5z8WND8TXXwn8Uf8ACQ/2HqcdvHDdW66bZyLJG0cyszN5jN/Du+7/ALVRx2fhfWfi02n2q2jaPrHhNo1gtJNsbRrdfL5a/wAPy/d2/wB3dQB6pdKy+Wy7vlaryt8q7vl3V4X4Hs5oluNN1mO5tv8AhAbG6tWvrb71w0i7oZo/7zfZ18z/AHpFrP8Ahb4mktfFDW+kTQXy6h4Zt76z0ltW3NNcLI3zSSNuVZmX5m2r/wDFUrAe2eLvFun+C/D95rWpef8AYbVd0nkQtI3/AHyv/oTfLWsrK3zV5v8AEC41TVvgr40bWdHXRbz+y7r/AEZbxbpWVY9ytuVf738P+zW9qniDUtN0XS7rTfD994ha4hVpI7SaGNo/3atu/eMu7duosB1S7aN1eI+MPGutWHiqS607UL5obXWNLs7y0/dx21nHceWrW7L/AMtpG8zduX7vy/NW1ealr118TrXQ9N8TXjW9jI19rjNDb/Zre3Zv3Nqv7vd5jf733V3fxUWGj06+1K302xuLy8mS2s7eNpJp5Puxr/epul6pa6zY2t9YTLc2d1Gs0M6/dkjb7rV5D4d8da5f+MtP0241D+19L1qHVIWnjt1jtPMh+6tq21ZGVV3KzNuVm+61Zfwr8QeJvDnhv4Yxz31jeaLrkK6XHbLZssljIsLNHJ5m794v7tt33f8AZo2Hc900vVrHWbGG+sLyK8s5vmjngbcrfNt/9louNZ0+zkmjn1C1gkhh+0TLJMqtHHu2+Y391d38VeL2vxY1yw8A6LrF59j0+GS6vrW+1KPT2mtrVo5mjh8yNW3Rxsy/NJ83/j1aHi7XLjxAviLR7yx0i5t7zwTJqEd3aL5kkjfMu3zPutGrfMv/AAFqYXPYluI2jWRZF8tl3LJu+Xb/AHt1SRsssasrKyt8ysrblavHfAPiaT4nfDm6hhhs5/DsOjrp7eYrNNJdLa/vPl+6qq2373zN/u7Wqx4B8dXzeFfBui6NY299qjeGbfUpFu7hoY1jVVjWNWVW+Zm3f7K7aAuevKtO2Vh+CfFVv408M6frVrHJBHdRszQSfejZWZWVv91lZa2tzfdoK2BttQyL8y1I1Rq3zUDG7flqPb/dqxJ8tQtQMaybab92nMy1G1JgNb5mrzvx9qWqat4P8baXceH7rT7VdJvFj1CS4hkjm2xtt2qrbl3fe+avRFZlqjqmm2erWNxZ3tvHc2sy7ZI5Pusv91qQHietS65L4b+F+pXl1pstmuraayrbW8kci+ZCyruZpGX+L/Zr3Bf9qsGbwD4fvNLs9Pn0eD7DZyeZb23mSKtu395drfw10EarEu1f4aAG/wDoNNqSRlqNe1A0Dd6hul3R1Nu96juG2x/NQDKkP3qnqvH5n8P3aa3nL92gQ5pfmZVoX7tR+U0W5m/iqSH5Vp2AjvrqHT7dri4mitoY/vSTsqqv+8zV5f4+1Szt/HXgHUoLq5vLG4kvIZv7NmkmWZo41aP93G21tvzV6hdWtvf28lvdW8V5byfegnjWRW/3lauT8QeAft+peG7rS5rHSIdFuJLhbSOx+WRpF2svysu35W/u/eosBz/gW/W/+J3jLypNSW3jhs5Le2vvOj8tZI28xljk+7uZf7temL92uXtfCt1Z+PtU8RG+gaHULWG1a0WFlZVh3bW8zd975m/hrqPurSAjZttNkapG21XagoWimUVdwPYP4aI/lkX5ttFNk+ZWVaoxZ88+AfBCtNoNvZLc+HPEGlw6pb65qVnD5c26aT9z8zLtkZv9Yv3vlWuy0vRm8H/FTR5pdW1DWo77Q7qxW71aZWmaaO4jm2syqq/dZtvy/wANdpqWrWNhatcXmoW1tZ2vyyTz3CrHH/vMzfLRrVnYy2LXF/8AZmsbdftTSSbWWPb83mbv/ZqlkmDpunat4m1a11TxXpOmWa2dvcW9vY2lw10s3nbVkkkZlX5dq7dvzfearWoeDV8zQ10NrHw5Z6bqH9oNBaaev75trR7flZdvys3zfN/DTfBvxE0H4g/al0S8luZrGSOO6gntZLeSPcu5W2yKrbWX+KqPiz4pWfhnUL6FbGe+0/S2t11bUI5FVbHzm+X5f+Wny/M33dqtSAbffBPw3f8Ah3VtFSbULHT9Y1ZtYvlsZI1aaZmVtu5lbaqsqtVrVvhB4R8R+ILHWtW0+TUNUtY1j+0z3DL9qVfmVZlXasn/AAJay/GXj7xF4X1jxNpqWejs1j4fuNcsZ2kmbd5cm3bJ93/x2uo8F+N9H8VaLbyLq2mz6lDp9vealBBcL/orSRqzMy7vlX71AEmoeBfDerahfaheaDpt5eX0K291PPbqzTQr/wAs2/2asWvhfQdNmhktdD0y2a1jWG3aOzjVoV/uq235a5+b44eBbPTdUvJdc8qHTY45rhWtZlk8uT7siqy7mVv7y/LWTqH7QHhu60nxR/ZMeoXmqaPp7aktjPatatdQ/wDPaNpNu6P+8392gD1RvnXb/C1SKzbVzuZq8pj+NN1pfg/Sb668N3lzqUmitrF0rTQ28ccMaruk8z5l3MzfLH97+9tqxefGm+1DWvC+l+HPCsmpyeJNHbVrGe7vlt441VVbbIqqzfL5i0rAeoLuZt22snxB408P+F7q1t9c17TNIuLz/j3jvrpY2m/3VauX8J/G7w7qXgPRfEWvahp/hVtQ85Wtr68VV8yGRo5PLZvvLuX/AMeqH4reF9B17wbrjLpNtrWreJoVs7GSdVkaaSSPbD5bfwxqv7z5fu/M1ID0yNfu7qx9B8YaT4o1bXtN024knutFmjt75WhaNY5GVmVV3fe+7XO3nj7w/wDCrTfD/hvV7y8nvLfTbeGNoNPuLhpljXy9zeWrfeZWry+bx1caT+0B468L299LoN14i1LTY49baNWjt9tmreWu5dvnSfdVW/2qCT6QWGnLE38NeJ/F7WfEWm3WrWOkeJNTa603w619HaaeywzQyKzf6VeSMu1l+Xasa/e+b5aq311rnjzxh8M7GXxZrWkWPiLwrNqF5HpMy2+6ZY4W3L8vyt+8/wBr/Z20AeneDfGsPjDXvFGkppt5Y3Hh+6jtZvte3995kfmKy7Wb5dv/AKFXXLbs27arV85w/DlfEHjL4xK/iTXtMbTVsZIbmx1Bodsi6erLNNt/1jfL/F8v3qteAfEGrfEjxV4L0XxzbzSx3Xg+PVI7STdDHfXjSKskjbdu5lj2tt/h3bqAPVPiF4yuPAbeHWTS1vodU1i30maRrjy/s/nNtVtu35v4q7D7P822vlfxBda9a/C1bNLz7d/Y/wASIbHQ7vUpmZZoY5v3atJ95lVmZd3+z/s11XheXw/4m+FPjSPUr7/hGvGjLJZ+Jr65jVruzupJF+bb/wA+7fLt2/LtoA94vriZtHvpNLks57yOFmt/Pm/c+Zt+XzGX7q7q43XPGusaD41+H+jy2enS2viLzo7q5jkkZo5o7fzG8v8Ah8v+6zV5LJFH/wAIP8XtB8R6Loun6pa6DHcTahokirp18vlzfZ5FX/lnJu/h/i+WuiutX01r79nWZb62Xdu2/vl+62n7f/Qvl/3qAO88eeLdc8K+D/HWsWraHeSaPD9qsYd0jMsax7mW4Vf4t27btrotH8QWN5p+jrcXlnBql9Zw3H2TzlWRmaNW/dxs27b96vAdSbRdL0f9pTT7O4tbbzFVo4o5FXczWe1tq/xfvNy/71bHwL8TW+k61Dpviua1n17UtPtbjSdfX/V3Fn5e1bVf+eLRsrLt/ib5vvUAe7ahqVjpNnJdX95BY2sf3p7mRY1X/gTVDb+I9DuNFk1iLVrGXSY/vXy3CtCv8P3q4v43avb+H9J8N3VxYrKv9uQ7dSnhkmj0ttrf6RJHH97+6q/d3NXlOhxWMui/ELS9SvPEFjHJ4uh1C31uPT2hkt2ZY2jumXaq7dy7mXb935qBHt2veNNJvPCd9qGkeLtH0zy5FhXVLtlkhhk+VmVl3Lubb/D/ALVNvPid4ft/iND4Na+i/taS1+0NubaqtuVY4/8AaZt27b/s1474uuNU1v4I/Ea31SG11e+W+t1sdb0uzbbrEn7lvOWP5v3iqu1mX5flrvtQvfsvx+8P6sLW+n03VPC7WNvc21rJJH532pZNrMq/L8vzfNtoA9UVflo8pWoWJVWnLF81AyPyFoZV+78tSNFUflLuoERsq0NtX+7UjW6/xU1rdVoAj2q33qayrt21IsVDRUAQbVpm1Vk3VJ9n3U1rdd1AyT5ajZlp3k/LTZIl/hoAa33qZSrFRt20AJzTGoaLdR5X+9TuIbTWoaL/AGqb5Xzfeai4wamttprR/wC01NaL/aakA5u9Rs1R+W277zbaa0bfN8zUAS1E1NjWT+9TWWRm+9VAOZV21G3ejZJUbNJ/FQAMlZN025du3+KtBtzVVa3bd8y0mBVk3NMqutOa3jt7Vti+V/e21Ykt2Zty1DJbs7f7NICSFfNjVv8AZp23arL/AAt95aazMq7dtNZm/iVlp3Ghv3W+X5ap6hZteWtwsEkdteNCyw3fkrI0Lbdqt833tv8Adq15rN/DTd1FxmD4V8OTeHLGRbzUm1fVLqb7Reag0Kw+dJtVflVfuqqqqqv+zVyz0HTdNaNrXTbO2khVljaC1jjaNW+Ztu1fl3VaaX+8tO875fu0XAq6po1jrljJZ6jZw31nJ/rLa5XdG3+8tFjpdrpdnHa2dvHbWsK7Y4I12rGv91asNLTWl3UXGczr3wv8J+Jr64vNS0G1vLy48vzpW3L5nl/db5W+8u3733tvy02H4W+G7W4upILG5g+1XC3VxHHqFwsc0ny/M0fmbW+6v8NdQsv+zUnmrRcDjbP4N+FbDVrHUrfT5YrizuJLq3/0yby4Wk+8qru2qrN8237tXPD/AMNNF8OXVnJa/bGjsfM/s+2numkhsfM+95Kt937zL827bXUbqduVaQjh7X4Qafpemx2enaxrFnHHJdSbmkhk3faG3TKytHtZWb5v9lqa3wj0+1khbTdSvtPjt9F/sGOBVjkVbX/gS7t3+1XeblajdTRVjznw38G18JXjTaT4gurZZtPXT7iNrWNluPLXbHMy/wDPRV2ru/i21Jovwjm8Lw+H5tJ15otW0exbS1u57FZI7i13blWSNWX5lbaysrV6IrLUy7dtMLGP4R8JWvg3w7Y6PZtJLDaq37yX70jMzMzN/vMzNWtt+anK1OVv9qgohao9tTN8zUygBjLuqNl+WpuKjZqBkLLUcny1IzVG33fmqRkbfepslSNUbfM22gBvzU1vvU5qF+ZaAK9w21arrdLtX/aqS6Vty7WqrDbt8rMtAFjzt38NHlbv92iT5tvy1Mq7VoAj27Wpalb7tRtT2ArsvzU1qmb5ajZqYDdu2o2qb+GmstAFeSlp7LupqrtqQG7ahappKjb5Vpoohbduop9FMD12mq22RcU5e1Ear5i1ZizxfQfCtjefBtriPwvF4j1DzNQmjsfLjX7RM1xNGrNu+VmVf4m3N/drtPhnHp+t/CnwysFvJLpsml28Pl3f3m2rtZW/4EtYPw3l1DXPh/p9r4f8RWemXFjqF5HqH+irdSKrXEzKv3l8tv4q6qb4fWP9m2um2+parY6fDp8mm/ZrS68tZFkZd0jfL/rPlb5v9pqRJn+EbWG88UeJPFi+VFDqiw2tqzN/rLe33bpv91pJG+b+6q/3q8t8cWcn/CN/HTR3/wCQhqWqWv2WD+KZbiO3WHav8XzK3/fNenaT8E/COjafqFmljdahDfW62tx/aV9NcM0KtuWNdzfKvyr93b92usm0PS7jVrXVJdNs5dStV8u3u2hVpIV/uq38NIDx/wCK0Udl4s8RRzzbVX4d3kPmN/E32jbXD3XhyPXls9H8IW8cE2ofDf7D/okbRxyXG5ZPLaTbtVm/efe/vV9AWPg+8/4WBN4ovdQtpY109tNtbG2tWXbG0yybpJGZtzfL/Cq11kl1My7Wkbb/AHWakB8v+MLez1T4N+ONYtfAur+GrqPw+trdX3iBpmuZJvMjbyY2kZmaNdrfN8q/d/2q7rVvBWofFDVNQ1pdNutDX/hE7jQ7WPVFWOSaa4+b7qs22Ndqru/i3V6Z4u8L2Pjfw/eaHq3ntpt4vl3EcEnltIv93d/drSsbVbOzht42llWFVjVp23Myr/eb+KgDxWb4b+Pte0vw7Z3ljof2O10GTTZNPvr5pI7O62rGt1tWP9821W+X+Hd96tTwT8LfF3h/VvAN9eXWgyt4Z0ObSWWOSb955ix7W+7/AA+Wv+9ub7tev1Kq0AcL8L/hevgvwXZ6Hrceka9NZ3FxNDc/Y921ZpGkZf3m7+Jv4f7q03xR8L9c8SeLv7ctPiBfaD5cP2W1tLTS7eRbWP8Ai2tJu+Zv4m+X+Ff4a9AWpakCpoNhJ4f0ex09b67vvs8fltd3cm6aZv4pG/2mauJ1j4D+G/Edx4ok1S41W7/4SKSGS8Xzo12tD/qWh2x7o2VV27q9GXtTloFY4W8+CfhXVtQ+3ahDqWoXTWP9m3ElzqU3+mQ/NtW427fM27vl3Va0n4QeE9EvtDvLLTZ4LjRYfs9jJ/aFx+5jb7y/6z5t38W771dkqtTlWgNjm9S+HPhfWdYm1S90O2n1C4VVuJNzKtwq/d85VbbJt/2latTXPCui+KI7ddX0u11D7K3mW/nx7mhb/pm33l/4DWptpy0CMm68G+H7+xs7O60HTLmzs/lt7aezjkjh/wB1WX5am/4RXQ2uLi4bQ9Ma4uF8uaT7HHukX+6zbfmrUXtUm2gDNtdB0vTbFrW102xtrNm8xraC1jWNm/vbdtSQ2dqu1fsdsqr939yvy1ckX5ajWJtvzLQA3zYYm+VY/wDvmrCtuX/erPb5dy1qW6/u1oAj3Mv3WapFlk/56N/31TmWm7fmoAN0jfxN/wB9UfvNrbpG+b71S80n36AK6r81SU7b81DLQBXuG2xs1Q/aNse5qsTRbo2Wqtxbq0PzN81AB9qXcv8AtVM3zfNWbtZpIWZf92tRfu0CI2+WjbUm2jb8tAELJUX8VTt96myLQBC3zVGv3qmpu2gCPdTak201loGRtTWqSmstAEbfdqNm/u1N/DUezbQBG33t1JT/AL1JzQBAy0bdtSMtNbvQBHtX1qL+KpWpu37zNTQEbLUH8VTyVGy0wK7f3qiqy33aZSYENIyVJTWpAR7f4WprLTv+BU2gCNotv3qj+XbU033qZQO5Wbb/AHaayrUki/NUbLQMZSbV9aXml20AR7fmp21f7tLzT/pQAKtO8rdS0sdADfKXb92jbUzd6ZQUhFiVqk+z+1CrU0a7lancZGsS7actuu2pFWnfdX5qYFVottNb91Uk1Rt81AFf7zUMtS0zfuoGiq1Rsrf3qtMlR7N1SMrstNX71SN97bTfvLQBDcbtvy1GvmJH81WtlM5oGVm3Nt3UNu2/LUjf3aa1PcCPczfeoZmqTbSc0wItzNTWZqn5qJu9ADd1Qt838NSN8tG7fTSAhZmo3Nt+7Um3+992loaAgZqGanNUci1AELS/NTZLhv7vy1I33ajZfloGiNZWop275aKdxnsFJ/FS0VoYsbH/AHUjVV/uqtSeVIv3l218z+F/H03iDx546+HOreKL6TVNS1ybT7GSe6ZZLOxhXzGaPbt/eN91f7zf7tXPFXiDSfhB8cNQ1hbWT+zdL8ByXDWyyMzTMtxtXczfeZvlXdQSe+axrmm+HNLm1DV9Qt9M0+Hb5lzdyLHGu75V3M1WlaO4jjkiZZY5FWSNlb5WVvutXyz8WPi1qXi34R/E7w3rdnZwala6Hp+qQz6esixtDcNG3ltuZvmX+9/FXQaT8SPEXjD4S+MtY8FatLfX2lww6Xp+krbxxzQtHHCsknzLuaRv3nl//FfdQH0VGrbttSbWZW+Wvk2P4oXHi34a+Gbq38Uam327XLi1utGvpmj1G4byV22vnLt2xxt+8Zvl+Xbu+b5W5P8Atzxh4o/Z3+HesRXUXii40mTUrjUNE1CZma+t428vd/eZo1b/AHl3bl+7SA+qPEnjXWtL8WXGl2Xh+O50+HRZtSbVp7jbGtwu7bbsq/N8yr/49XD+C/jxrHjrw/8ADPVLez8P6e3iLUJo9QtLvUPLkW3WRo1+zqzK0jbl/wBqvL9P1TS7j45eFdStY/7Ptb74ayN5d3IvmKvltt8xv4m2qvzf7NcX4D1K3/4Qn9mlfOiaTT/EF010qtuaFftC/NJ/dX5qBXPrjUPj18O9JvGtbrxppUVwt19jkg8xmaOT7u2Tavy/7zV6Ivy/3a+CfHHh/UtZ0n44Q2Gi6hfXmpeLrW40/wAjT5ma4hWSbcytt+Za+7NNuPtWn2s21k8yGNtsisrL8v8AErfMtSxlxe1SLUa9qkWkBIvapFSo6l5oAXdtpy9qatOX5aCSRakXtUa1IvagB33acv3aSnc0AFKy07+Gnbf4qAK7Wqsu2rEfyqq02he1AEn8VC0vNI1AB/FS80jUbaAGt8zU3d71Jto2r60ARt3qGSJW+9VhqipAQNArMrf3akVdtO/ip/8ADQIjpGahl+WlpgRf71NapG701ttAELfeopzVG1ACc02nc0jUANam05qioGJ9ym7vmpzL81N20ANb71Mp7d6ZzQAxvvU1vvU5qa23bQIZTNvzVJuqOT7xp7DBlqKnt/eprVQEbfN/u1C22ppPvGoWSpYEbd6a33aG3UfepAR7f++qbu96lpjLQBFTNtTfLtquzbmoAa1Rt/dqRl+Wof4aChv3aPm3cUnNKv3vloAFp33qZT17UAPp6/epuz5adu/hoAGp38NNX73zU7ZQMkWplX5arL/DVtaBi81BI1OaXbULMrNVDGt3qPbUzVC1AEbd6ZU+2o2+WgZG1H3KGo/ioArzfNUar/eqaSod3zf7NKwIfTNq7q5XS/GV5qnizxJoK6PHFNo6x/vPtny3DSLuj2/u/l+X/vmpPh/40/4Tzw7HrC6fJpkMkkkccEkyyN8rMrfd+78ytRYo6ZlqHb81SbqbJ8tGwELLtZqbtb1qRm3Uyi4DG+7UbVPzUVMBrVG3y9afSNQAMvy1HspzNVPVNWtdG0+4vr24is7O3XdJPI21VoAtbKjasGHx5o9xcR27SXVtcTRyTRwXdjcQtJGq7mZVZfm/4DV7Rdcs/Eek2epWEjS2d1H5kLMu3cv+7SYF3+GomqSmtSGiGijb81FVyjPYKF27l3fKtFPqzA+VNc/Z78WeKrjxtqlvpv8AYviCTxJHrXh/ULm6hj8td22TdtZmX5V3bf8AZWu8174J698RvE0mqeK7jSrO3vvDLaDeQabNJJJ5jSeZ5y7o1X7235a9uZWZd38NYepeMNH0bWrPSby6ZdUvF3W9pBbyTMy7tu75Vbau7+JttAjzNv2a7fVvDfiSx1zXpJ9S16zs9NuL7T7Xy/JtbVVVVVWZvmbbuZq1LH9nPw7Yalql5FqmtRTapDaw3i21xHDHI1v5flybVj+WTdGrbv8Aerul8ZaC3ij/AIRtdYs28QKvmNpqybplXbu3Mv8AD8tV/GXj7Rfh9b6fca5JcwW99dR2cdzHbtJGsjNtXzGX7tIDB/4UP4Fl0/T7O/0GLV1s7ybUlk1CRpJJLiT/AFkkn8Mm75flZdvyr8taVv8AB3wPa6TDpsXhPSl0+GSSaO2+z7lWSTb5jf8AAtq1N8TPiJpvwq8Lza5q0c08a3EdrHbW23zJppG2qq7v+BN/wGumt2ma3haaFbaZlXdB5nmbW/u7v4qBMpyeHNJluvtDaTp7XG1V89rONpNqrtVd237u2tKH/R12xful/uxLtrm7jxlZ3l14k0nS9SsYtc0e3VpPt0irDDJJGzL5nzbtq7VZv7u6sX/hLdai+J3hHQ3vNPutL1LRbi8ma0h/1k0fk/Msm7/Vt5m5f/ZqmQj0T7RJ/wA9G/76oX+9/FWXrVvqV5pslvpN5Fp95NtX7XJH53kr/Eyr91m/u7vlrkfgvrOtatpfiKPVtaj8Sw6frU1jY6ssccclxCqru8xY/l3LIzL/AMBqQPRl+9Uit975W+X/AGa8/wDiN4tutNvvDPh2wma2vvEmoNa/aY2/eW9vHH5lxIv+1tXarfw7t1cv8ZPAsd/4b8Ratda9qunf2Tp+7R4NNvpIVs5I4/l+VW/fSSSbV+bd95VoHc9oWdfl21JHLG00kayI00f+sj3Luj3fd3L/AA1zPh+6vrPwv4dXW5o4tYazhW8kZlVWuPLXzP8Ax6vI9D8VQ+D/AI1fFDS9Esba+8SateaW1npfmeSszfZ2aaZmVflVVZmZv/iqaEfQDapYxahb6fLfW0WoXCtJDaNMvnSKv3mWP7zLV5a8V1yFk/aC+Gd5fR2cN9JpesLcT227btWOPau5vmZV3N96qeofHPXLX4fw/Ei3tdPn8FteeW2n7ZPtv2PzvJ+0eZu27t3zeXt+7/FTA9ykuPLX5fmprXn7xVT5mrx+38YeONb+KnizQ7C80G00PQZLG4aWW1mknmt5laRo/wDWfe2r96sW6+LniRfhjD8VLKa1l0lrjzpPDslqv/Hj53k/LN97zv4v7v8ADtqQPX/EvxA0vwjJHDqP2qS6mhkuI7SwtWuJvJj/ANZJ5a/NtX+9W7o+rWuvaTZ6lYTefY3kK3EMm1l3Rsu5W2tXjt5pOoXX7UlnIuvXUUK+F/tSwLbw/LD9qX9z8y/d/wBr73+1VDwp4s+I3jvS9B8Y6ZdW9npd1fNJdWl7eW4svsPmNG0ar5fnLMv95m+9QI+gd3vWNfa5La69Y6aun3ksd1DNM16se63h8vb+7Zv7zbvlWvn7XvEfjaLwz8XtY/4TjUlk8H6pIunxwW9vGsirHG22b938y/Nt2/LXoF94g1aX44eCYV1a5/snVtBurqTTV2+T5yrH83yru/i/iZqAOh0j4r2OtaLq2rJpuoW1npOoTaffLNGvmQ+WqtJJ5as25V3fw/N/FXb28sN1bxzQSRzwyKskckbblkVvusrV5P8AA1VluviBG+11k8ZagrK391vLrA+CPjLXtL+C/h+Ow8L33ipIbi+tVaC8hh8mGG4ZY1bzG+b5flXb/doHsez+KvFdj4L8N6hrmpSMtnZx+Y235mkb+FVX+Jmb5aPCfiOPxh4X0fXIIZLaHUrWO6WORtzRrIu7a1eUfETWPEl9/alzfeA9Vu9Ms9Kkaz+z3Vq0cNxJbt500m6T5mjVvLXav8MjfxVZ+FXirxRD8FfBbaX4JkvpFsY7fy5tUht/3Kxr5cys38Lf3flb5aBHq11eahFq2n29vpf2nT5vM+1X32hV+y7V+X9395t33fl+7Wl5Em3d5b/9814/r899/wALk+E91d+fp11eW+oLdaat400CstvuVf7rN8zfNtrl5PDmg+KvHEkdm0ln4T8JzNNrWttdSeZqF58zfZ927/Vx7t0n/fNAH0N823cq1xt148uLX4pab4Rk0uP7PfabcahHqC3G5m8tlVl8vb8v3v71eW2/2Hxvpvxcm8SssXiTR9Quvs80knlyafaxx7rOSH+6rbd25fvbq5Txpr3jWbVPhnqFtbrP4uuvB1019bfKtwyt5LTeWrfL5zLuZd3y7qAPqmRtqszfKv8AtVV3eUrSPIqxr/EzfKteIahaaD4p+HHhFvAd5o9tb3GoLcWOn6tH5lvqUkcMm63uv+mn3vvfxLWBa+JtBvPD/g3T7/QYtBuP+Eg1C3/s3UrpW0e3uo1Zpmkb7s0a+Z+7X5fm/i+WkwPoyG43szMy7f71WNzN935v92vlPwD4y8KaN8IdQ/t42PiO40XxFfR6bpC7fLuJJGZbeNY23fu/mZl/ur/u1Y1jQYPhz8Lb3yrq0uta1DULHUvFbaT/AKu309rj95DH5f3Y1+7/ALXzNQgPpqa4kltZJLPyrmTa3l/vtsbN/dZl3ba8o0v42arfeE/h1rR0Wzjj8Uat/Zd0n2hv9F3SSKvlrt+b5Y2+b/x2k0m3s9N/aA01vC8lpFoN54fmuNYj09lW03LIv2Wbavyqzbm+b+JVryNdUmX9nn4TtpOoWMGqQ+KttvJcybo45vOutvmf7PzLu/3qqwH1wsqszKrK3/AqjhuI7pfMgkjnj/vRtuWvnCHxZ4Ri+CfjD+0rKeLxFbt9n8UWa3Cx37XjTLuaSbb/AKlm/iVdvl/LtrC/tLQ5dQ+NWjy6hoctreeHbe8t7bRm8u086O3m3NGu75mXbHub+L5f92nYD3r4iePrrwXeeFVt7G21C31jWLfS5pGuNrW/nfdZVVfm+VW/irro5PN+ZNsqs21WX5q+Y/EXg3wrYfB34a6lb2sVtb6lrGhyatdrcMvnL5bKzSSbvl+8y7vlqHxZpF94LX4tR/DmOSDQY9Fs5ri201maG3uvM/feT/dk+z/M23+9RYD6euJZGt5mt41uZlVtsfmbVaT+6zfNtrl/hj4yk+IngHR/EU9nHp819HI0lssnmLHtkaP73/Aa4Gz/ALH034ufDu+8DNZwaTqml3TapHp7KsMlnHGrW80ir8qssjbdzfN95a8x/Z91yzWTwnZ+M4bWXS5FuofC9zIytbfaluJPtEcn/Tb7rLu+Xb935qVgPrL73y01vvMv8S/e/wBmvnnS7z+w/itp+oXFva+I9J1DxFdR2ut2jeXqNjdN5itb3Uf/AC0jX5tu37qqtcv4P8TaHb+Pvhrq2nala2NjqV5qlrdNc3m7U7pWWT5rxl2r/rFXau3cvy/NRYD6uaJv7rVXvGmt7eZoLdp7hY2aODd5fmNt+Vd38NfJd1oem2Hwr8Qa5b3V1FrGl+OpLW31BdQkaS3h+3Rxssbbvl/dt8396vRrPQdN8P8AxE+KXhfTpp7bSbrw3b6lHbLeSfu7j/SFaRW3blZtsf8AFTsB7Rpct5f6fayXVi1nfSQrJNYrIsnkybfmj3fdbb/ernfhz46X4h+HZNUXT5NMkjvrqxktpJFkZWhkaNvmX5f4a8b8G69Drn/CldD16bd4b1Dwu0yrPMyx3moKsa7ZG3fMyx7mVW/iauf8J6zDo2h+H/DsV03/AAjM3j7UrHVJFuG/1e5mt45JFbdtkbb/ABfNtosB9OawmqfY2XSY7NtQZlVV1BpI49v8XzKrNu/4DWD8OfGEnjrwfZ61cWsdncSTXEMkEcnmKrQzNH8rN/u1zfwxvbjSfiR408OxSSy+H9PksbqxWeRpPssk0bNNCrN8235Vbb/DurmfhX4m8SaR4Dt4dD8J/wDCRwrq2rRySf2lDa+S326b5dsn3qNgO68TfFLT/CuuW9rf6XrK2Ml5HYyaytr/AKFDcSfdjZt277zKu5V211mpX8Ol2dxdXUnlW9rG0kjbd21V/wBmvNfj4mrN4N/tzTNQtlj8P3EOpXGjXdus0d80bKyxs27crfxKv97bXokl/G0m1ZFSbaszR7vmVW/2aW+oHP8AhP4jaf4t1jUtHSz1LSNWsY47iSx1a1+zyNC3yrMv95d3y10zfLXltq2veGfjlef2j9m1q11zQ5JrOS2t/Jms1tZP+Pf7zblZpvvfxNVPxt8Utai8O2+/w/qfg5r7WLHS2vtQkt2aOGaRvMkjZWZVZVXbub/notUM7T/hYOmteeKLWK11K5uvDsccl5BHat5knmKzKsK/8tPlWughuFuLeORVkVZFVtsi7WXd/eX+Fq8BvrXUPCevfGz+zdY1CC+h0Gx1C1u55lmmjZYbhlXdIrbvu7fm+ataTVvEXiPx14Z0u28Xahpmn6p4RXUm+zRw7luFaFdys0f8XmbqVgPaGZWpv8NeA+A/HniiWH4X65qniCXU4/Ek1xp99p/2eGOFWjjkZZI9q7vM3Q/N838TfLV7wH4o8deN10PxJFfQWeg6hcTQ3kclxCywqzNHGsMfl7lmjbb8rM26iwj2DVNesdFWza6maJbq6js4WWNpP3zbtqtt+79371VdL8UaXrl9qljYXi3N1pcy295GqsvkyMu5V+Zfm/4DXh/gvxB4k8M/CHwfqEWuSz/avEi2N4t3bxybo5L6SOT5tu7czfNubd97+Guo0vxHb+GviN8VLy6W5a3jk0mRltLeS4k+a32/dX5mpMZ6B4k8ZaD4Njt217WrHSFuN3k/brhY/M2/e27v96pNF1zTfEenx6hpOoW2p2MjMq3NpIskbMv3vmWsH/hIPDes+H7jxhLp/nw2NrN82qWLRyLHH8zL5ci7l3Mv/Aqw9D17RfhH4B8O2evTSWNxcW7XEiwWc0y+dI3nTf6tW2/NJSA9LrKt9Wsb2+vLO3vra5urPat1BBMrNDu+7uVfu/drzvWPidrktr421TRI7GWx8KyeW1jcxt5l8scKzTN5m5fL+Vvl+Vvu/NXKr4+W1+L2sQ6J5C6l4o0/Sbix+3R7Yf8AVzNI0m3b83lr91fmZqB3PdeaVV+WvM9Q+JGoWHjqz8OyyabZtN9l+z/bo5I/7SVm/feTJu2q0f8AzzbczVDN8X7630m48TJY2svhW31ZtLmVWb7WsazfZ/tH93/Wf8s/7v8AFQFz1Gnr8vy1x+rfFfwnpMeqZ1zT7m60tZGuLKC6jaZWVtu3b/vMq/8AAq4P4Y+Jrew+JHxAm1fXtPluJrXT76aT7ZH5Mf7uTzFjbd/q4/lX/wBC+9QFz27d8tO+b+KvNfFnxEuv7a8Ex+GbjTNV03UtSmtbqSO83bmW3kby9yqyr/e/3lX/AHqzf+FnR+GdJ8Valb+F/Ij03Xmt9UX7d/z0WPddN8rfL+8Xcq/dVaBnri/eqwqVw+qePriwutWhs9Dl1NbG4tbVZ7ab5ZJJlVm3fL+7jjVlZm+b71WvAvj6z8ZaHJqCeXaNDeTWM0bXCyL5kbbW2yL95fusrUAdlGvzfd+WnSS7fu15744vLzTfH3w5uLfULqK1ur64s7i0WbbDIv2WSRWZf4m3L/FXZfat0ir/AMtPvUFIm3e9OX/Zqusis1TK237tUMJFb+Kjb8tHm+tN3bloAazU1qfzUTd6AI2Sm/dqbftqFvloAjkfdWD4mtfEUq27eHrzTLNl3ed/aVvJJu/u7fLZdv8AFW9t/ipOaVxo8e0+1s9S+OXi6N9avNPZrGxbdp915O5ljZZP4fm2/L/u1a/Z5lh/4QFrOC6WdrHUryNm3bm2tcSMrN/vL81erM27+Kms395qLlEJ/hprVI33qayrt+akBGvam7fmp25f4fu03zf7tADWSm7ac396j79NAV2peaKSRl7UwG7a8b+JWuatf6Po91qnh+80HTdN16zuLxrmSORZIdzLu/ds3yq2371eybqjuLeO6hkhnjjnhkXbJHIu5WX+6y0rgUZFtZZtP+2tHuabbaszbtzMrbtv/Ad1cr8Gf+SZ6Kv/ADxWSH/vmRl/9lre0nwXoPh9mk07S4raTb5asrM3lr/dXc37v/gNWNF0HT/Dln9j021WztdzSeWrNt3N95qQFym/dqfmoG+981AEbUUNRV3Hc9e3e9Ct8yrRUKttuFaqMDyvwP8AEjT/ABB461C41SG8tpri4vLXRbu+h8uyW3tflkWNv+ejbZJGZv4fl3fLWxZ6tZ6l8ao7iwvIL63/AOEZZfNtJlkj3fbF/iWs3S/hbcJdWel6tb2dz4d0e61C4s90nmNeR3m793JHt+VVWSRW/vfLVdV0HwL8ZNNsYIbbRbO80FrW1gtLfy42ma8jbaqqv+zSAboba98N/iReQ65Np+s6L4gW+1C31K0sfLvbWSP940Mm3c0i+X8q/wC6tV/iNcab8cPBem6XFZ6rZ2N9rC2f/E0sZLNmZreZlkjWT+FW2turuND8K3Wl6kt9q2vXniO8hWSO1kuYY4VtY5G+basf3m+6u7+6tXte8M2fiO6024vbi+8zT5luLdYLpoVWRfus2373ysy/8CoA+afGHii++JHwfkvNWt2ivPCcdrpN8si/e1JrqOORv+Axxr83/TxXXfFL+y/FvxM8ZaP4m8WQeF1021s5tJ8y33TrGy7mktWaRdsnmfL8qs33Vr17VvAPhvXLO6s7/Q7W5sbq6a+uLZtyxzXDbf3jKrfM3yr96rzeFdFuLjT7iXRdPnuNNXbZzz26ySW6/wDTNm+ZaCTwXXLfw/Z3Xx2sb+Ozi1C60mG6hivoY1mb/QdzN9373nbd3+1t/irpNH1m1uvHXwj+y30XmSeDbi3WSP8AeLHNJHb+Xu/4FHJ8v+y1e3NErTNI8MfmSKqtJ5a7mVf9qpFZtrL92NV/4DUvUDi7P+1PAeg3114r1zUvHENxJHD5Fjoce6FW3K37mH5mX+9WL4N+GlvE3ji60mPUvB2h+IprVrW20/8A0G7h8mP95Mq7f3PmM23bt3bV/hr0pb+3sIVmluoYIW+XzGmVV3f71aG5m+8rbv8AaoA8T8SeA/8AhBfFHw11xdU1PU9N03Vri1vLvVrpriSP7ZD5cbNJ/d8xVX/gVbnjax+IV/40t5NL8K6VqOh6ftkt11DWFtfOuv8AntJGqs3y/wAK/wB75v7tdldeKvCt5rU3hG61jSp9WuI/Lk0SS4jaSRWX7rR/7v8ADW1DFb6XZqrMsFnaw/ekk+WONV+8zN/s/wB6kwORuPhRo/jjT9JvPHGh6Vq/iC3t/LmZVZoY/mZvLj/vKu7738VcD4k/Z91rxB448VeJrXUtM0PVLqazuNF1CCSRprGS3Xy/3n7v5lkj3bl/3a9Y0H4iaD4mW8XSbqW8uLe3W6+zfZ5I5poW+7JCsir5kbfdVl+WuZvvjjoOm+Gde1y403XFj0W+jsb62ax2zQySbWVm+baq/vF+bd/FQgHXngHxBqnjjwb4kvdS0jdodvcW91bQW8226+0KqyMu5vl+VV2/eqjpvwHWw8Mt4PfXvP8AAP2z7ZHpMlnuuVj8xZvsv2jzP9X5n+zu2/LXqk0Sru2tu206NV8tWf5d33aYHH6D8PpNG+IHiTxQ2sfaf7cWGObT1s1jjj8ldse1tzN91m3f3qo6f8DNJ02xk0VNUvJPB8l59u/4R2SOPy1k8zzPLWT/AFnk+Z83l/8Aj1ehLbsvmblZdv8A47VHT9es9W1bUtNsplnutLkjhvFX7sbMu5V/3ttSBlyfD23k+IkfjT+2NSi1KO1+wrbR+T9m+z7t3l7fL3fe+bdu3Vl6P8DPDOg+ILjUrL+1IrWa4+3f2F9ub+zFuN27zPJ/vbvm/u7q7aG4WWRVSSOVf4mjZW21Yh1KxluI7dLy2luJI/MjhWZWkZf7yr/d/wBqgRw0nwV0C407xLZXM2qT2viSbztTja9b9/J/e+Vfl+Xavy/3a1YfhnoMWvaPrDLqEupaPb/ZbOeTUJm8uH7rLt3bW3fxbq6q8b7LazTJDJO0cbSLBH96Tav3V/2mry248a+PPC/jTwrb+I7DRZ9H8SXTWMcOltJ9o0+by2kXczfLIu1W3Mu2gDqbXwJb+D9M1YeErVrbUNWmaaae7u5Jo1mZfmuG8xm3N/u/e+WtPwz4VsfBfhfTdD01W+x2MKwqzfek/vM3+0zMzf8AAq1PsskqyRpMsczLtjkZdyxt/C23+KvM/hP8UmvPh3o+qeL9Wtl1C+vLq1jkWHb50kc0iqscar/dWkPc9Ma1juIZIZY1kjmVo5FZflZW+8tN0/S7XRdNt7Gyt47aztY1hhgjXasar91VrG1j4meF9C1JtP1HWIra4jaOObdHI0cLSf6tZJFXbGzf3WZaqeIvjF4L8JapdabqmvQW2oW6q01ssckki7vl+6qtQI1rzwro+qaxa6peaTa3mpWv/Hvdzx7pIf8Adb+Gs+P4W+DYl+Twjoqtu3fLYx/e/wC+a878E/HDTfDN94y0/wAZeKJ7uex8RTWtvcyWrN5Nrtj8tpPJXbGu7d8zbf4q9R17xppWgzW8EjzXVzNbm5jtNOt2upmhX/lptj3fu/8AaoAfqHhXRdZ1CPUL/R9PvNQjXatzParJIqr91d1F14c0261ZdSn0mxn1Jdu2+ktY2mXb/wBNNu6uF+IHjF9Q0/4fa74Z16f+zL7xHa2cy2zbY7qGRm3LIrLu3Ky7dv8AvblrrG+JOhrZ65fPJcrp+jtIt1fNbt5O5W2ssbf8tG3fL8tIa1JJPBfh37G1qfD+kfZZG3NB9hh2s397bt+9Uk2h6S1nb2L6TYtY2vzQ2zWsbRwt/eVdu1Wrm/FXj7Sbjwz4ka/j17Q4dNtVa+ZbVo7uGORW2yR7d391vm/hrD8QalJ/wm3wfutO1TUm03VvtEMkE9w224j+x+ZG0i/xSfxbqaB2PQJtB028j2y6Tp86ySNMyyWcbbpG+833fvf7VOsdBsdLWZbDTbOxWb5ZFtrWOHzF/wBravzV5H448RWd/wCBfjA2g6t4hsdU0uNprhp5pLf7LcLDuVbdfvLGyr8397dXo/hvxpb6hdafo8NvfX13HptrcXV5GqtbwtJH92STd/rPl3bdu75t1AjV0vQdP0iGa1stNs7G1m/1kFtbxxxyf7yqvzU5vDOj+X5a6Lpnl/e2/YY9v/oNQ+KvFVn4Vj09riG5ubjULxbGztLRVaSaZlZtvzMqr8qs25mWuft/i/ot14fbVEhvkkXVP7DbTZI1W5W+3bfJb5vL/wBrdu27aA0OkbQbGWaaT+zbVpJlZZm+yx7pFb7275fmobRrFo/LbTbPy/LWHb9lj2+WrblX7v3d3zba4nxl8RNJ/wCET+1azp/iPSoY9ah09o7b93NHcLJG0e5o5NvlszL/ABfNVvT/AIkX998ZdZ8IPoV3HZWFjDcfbF8vaWkZv3jfNuWP5dq/xbt25VoDQ6ltGs1tWs1s7ZbNvvWywr5Lf8B+7Umm6bb6Tax29lawWNvH/q4LaNY41/4CtXG+aloAyofD+m6bHdLZ6XY2a3X/AB8LBaxxrN/vbV+b/gVU28K6O1qsLaHpnkq3meX9hh27v723b96uhqKTbQBi2/hzTbXUm1C30mxgvm/5e47WNZPm+9823dTV8M6XFJ5iaPp8Unnfaty2ce7zv+en3fvf7VbC0NQBzLeBfDv2drc+G9I8lm3NH/Z8O1m/vbdv3qP+EI0HzJpP7B0zzpI/Jkk+xx7pI/7rNt+7/s10TfepOaYGBdeBfDd1osej3Hh/TJ9Jjk85bFrOPyVk/vKu3arVD/wgfh230u602Lw7pUWm3Tbri0js41jmb+8yqvzV0TfLRuoA5ebQf+Ef0lofDOl6bZyK3mR20m6GFm/iZmVWbd/wGsf4Y+Db7wX4Zk0/UpLae8m1C8vma0ZmjXzpmk2qzKv3d392u8bbtpqqtAHLt4B8Oy65JrT6DZtrDMsjXbR/M0i/dZv4dy/3qo6p8NNL1nxg3iC9tYJZG02TS5o/LbddRyN8yzNu+ZVX7q/7TV2zMtRt3p3A5fw/4I0XwlGy6Rpq23mKsbNuaSTav3V3MzNt/wBn7tTa54f0/wATaTeaXq1jFqGm3UflzW067lat5v8AZprbaQHmsfwZ8I2q3zRaPL5l9b/Y7qRry4aSSH+6zNJu/wBn/d+Wprf4Y+H7W8sbyC1uoLzT7NtPs5Fvrj93bt/yzX5v87V/u13zbWqORfl+akB5va/CLw7YWOj2dvb30Fvo9w15p6rqEzfZ5m3bmX5v9pvlb+81SaL8J/C+jeLJNes9Pmtr6SZrpoFuJPsi3DfemWHdt8z/AGq9AXbu/wBqo5Il8zd/FTA4O4+CvhmXTbixT+07O1m1BdSaO21CRVjmWRpF8vdu2r5jM21f4qvaf4Ks9H8Uatr0FxfNqGqLHHdeZMrRssf+r+Xb8u1d3/fVdYzbfvU3igZg+JNBh8UaTdabeSS/ZbpVWby2+ZlVlbb/ALrbdv8Au1eaVopJGVmXd/d+WrTRfNuprL8v3d1AHnutfC+x1nVtauo9QvtMh1y3W31a2tPL8u8VV27vmVmjZl+VmX+GsvxF8EdL17UNQun1C6tvtVra2sMdtHGv2P7OzNDJC23csi7m+b/ar1Darf7NRsv8NAHnOqfCpvEcf2fVNeudQs2kt5pIJLOPd5kLKyyRt/yxZtq7mVf++aL74R2rf2hZxapPF4d1DUF1S60fyVb995iyN5cm7csbSKrMu3+9tZa9E2qv3aay0AZd9o2n6lDNHdaXYz+d/rPMtY28z+L5vl+auV0/4T+H9N8WalrUWm6aq3lnDZ/ZF0+NVj2+Zub/AIFuVWXb/DXfbV/io8paQ7HC+Jvhzb6pa6SuiSWvhy803Ul1KGSCzVo2by2jbdGu37yt97/ZrNm0mz8Bx+LtU8UahBPoOvXitNAtnIzR7o1h8ttu7duVV/h+9Xpyxr/dp0a/N/tUDPH9B+Ft83wdsdDivmttSkuI9Sm/tJWmWbbJu8m4VfvL5axxsv8As1peHfg7bqutW/iiPR/EdnealJqVvbf2ftW3kkVfM+8zf3flr1Dy1/u077OrNTA5Hxh4P1DVpvCMmkf2fbQ6DfLeeXOzLujWFofJj2q235W/8dqxceAdBl8TL4gl0m2bXI9u2++bzPlXb/e/u/LXYL92q80S/eoGU1ba1OZm/h3VJ5S7qFi/u0DIdzfLQ0rVN9nVv4qa1rup3GQ+a1NVmqb7Ov8AwGjy1VqLgQyS/LUbStU0lv8AxVH5Xy0bgNj+bdRJ8q7qkVabIu+kNFXzd1OX/aoa32/dp2ygZVum27aa1x8u2rEy+atV5Lf5qAI1Zvu01qkW3+aiRWoGR+fTfObdTmi+Wo2i/wBqgCTzflqvI3zVNGtNmXd92gBqtVeaVlb5amVfmqOSLctAEMkvzU1ZW2/NTmt2oaL7tOwDo5dy02T7rNRt2t8tO3fLTAptK1FOaJt1FAHs9Rbfmp1C/My1ZiR+T81SLE23au6vE7HxhqmpeKPEVrqnii5g0NdPuryS+tNscMP2e8VW+yttWT5Y/wB2zN/Fu21yOuW8y+B7W31TVNQn1TVo77Vo9J1LUpGjs7f7O3k+dIzbt0cbKyr/ABSN/s/KAe3WPjLzfiBrnhu6tYLOGxs7O6huZLj5rhpmkXbtb7v+r+781aE2rLpuqaw2o6lpkGm2dvDN5e7bNa/e3NN833W+Xb/utXzTqln4d8b2erX3iCSLU9QXwDprafPPcbpvtm2Zd0fzfNJ5m1f71b2pRafFr3jbT9ZvpbG+k0XQVvr7T1Vpre8WT5pm/veXJ5bN/s0ibns03jfQdWuvDf8AZ3iy2g+2ag0MMEEayNqDLG26H5l3Lt3KzN/s1zvw1+IkkWm/2frd5fa5rVx4g1Kxt/It9zNHDNt3Mq7VjjVdvzfdridL1LWLyH4f3Wr2cmpzWfiy4uJNW0vTZPLvLVYZI/tjKq/LuaRf97buqn8M9J8XeEPHmpeIIPDetX2k65ql9DfWk9r5clnC1w01vcQ+Zt+Vt3zR0CO48G+NF8JWfjyTVLzUNXaPxdNp+nwSSedPNJJHD5cMe7/gX+yq1j/Fbx9D4q+GvjbR7mxudI1jS7ixjvtNu2Vm8uS4hZZFZW2tGy7qo3Hw+8Ual/bWqWumyafqFn40XxNp9tqFxCq3kPlrG0bbWba21W+9/s0fFTwreW/hHxx4u1S3XTLrVm0mFdP85ZPs9vb3EfzSMvy7mZmb5d21dtIZ2Hxg8F+G4/Bt4z+EW16GxtbiHT9E0+3/AHcLNu/eLGvyq3/TT739371dB8G9Us7r4T+EZtO1CXU7VdPhjjuZ12ySNGu1ty/w/MrL/wABq1rjeJLzXLe48OXHh+XSWWTdPdtI0iybvvL5fysv+z8v+9Ufh3wRN4X0vwzo+jasttp+mzM18s9qsjXytuZlVv8AlmzSNu3LSA5Xxx8OdH1K68J6DpOmwQawutR65JfKv+kwwxyNJNNJJ97dI22Nf7zN/s1J+09eXC/A3xV9naRWk8mOTb/DG1xGsn/AdrNUlv8ABvxRFrWoXk/xM1Dy9SuFmvILTS4YWkjX7sKybmZV2/Ku3/aruLzwRb6sviK31a8udV0fWo1hbSbll+zWsartZY/4vm+83+1UgcH4uWS1/aG+GMdmrbl0fVI5vL+Vfs6rHtVv9ndXB/EKVv8AhXv7QG1tu7xBZr/wLy7OvcPD/gOz8KyXGqPdal4h1SGxWzhub5o5Jo7eP5vJj2qq/M38TfMzbdzVx/h34Yr40t/iFD4r0fU9M0nXtcjvobSS4W3mmjW3jX5vLZtq7o/71AGLr3iDxB8L/Gnjy1tdc1LxLDD4LbXo4NUkWTy7yOZo90aqu1V/2V+WneFfD+pXlx4b15PHS/ZdY0uSGa2sb66mk1Jmh3eduZv3Mke1vmjVdv3a9atfh3odr4g/4SBbe6udY+x/2e1zd3003mW//PNlZtrL/F8y/e+asvwz8KvCvw+/tS88L+F7a21S6jZf3Em1pN3/ACzVpG2xru/u0AeA+H9Burf4O/DPx1p2satc+NptWtbWOSTUJJFuo5Lpo5Lfy2bbt27m+7/e3VuRp4P8F3Xx8uryL7DJHqDQr/Zsix3628lvHuWFm+6rM3zNXpHwN+FUPw/8E6Pb6vodjbeJtPWSNruCb7Qrbmb94v8ACrMrbW+XdXojaDo8t9eXkmk6fLdX0K291O1rG0lxH/zzkbb8y/7LUCPnXwjceH7X4peL9Lu7rw7BY6h4Njb+z9Jk/wBG8xWZtrN/y0kWNdzSbV/3areBLLwzofhD9nbVrUada6tcalGt5fJIqzurW8iyLI27dt3bV2/dWvpe18PaPa28cMGj6dFCsf2dYo7ONVWPdu8v7v3d3zbavW+h6erLt02xi2/d22sa7f8Ax2gDD03/AIS7S9UvL7xFrHh5fDMKzSMttZzRzRxruZWaRpNvyr975a4LRfjJ4S8b+MtPvlvJ7m6jkaz0XSoLOZpFaRtrXEjbdqsy/wC18se7+Jq9tXq1RtK3mf6xqAOVtdL8UaX4mk1LUfF1nL4dhkkmbTV0lY2WH5tq+d5m75fl+bb822vnf4I32qeAbzR9Y1K3vNT0W+mvNP8AKWzma50WRrhpPMVdu7yZFZdzbd1fWHm/NuX/AL6qTfI27943zf7VAHzT8Xm1LxFpfxC02HRNZhma6t7izttJ01vJ1KNfJ/0qabb+8bau3y1b5dq/LXeaXeT6j+0BNq0mk6jZ2tx4bhs1nubGRVjm85pGjaTbtVtv+1/s/er1TbJu+81HlNt2/NSA8SgsNR02x+K/h248O6jd3viLVLyaw2WbNbXUc0Kxxs03+rVVb5m3N8tT+GfCutfCXx5Z3UtrfeIdDuPDdnpLXemwtcSWtxa/3o1+by5Pmbcv8Ve0LEz7vvVIsXy/d2UAfN/iL4b68nw/sbH+x9Ta41Lxk2vXFvpa/vNPs2Zvl3K3yybWVtq/xM1dRodv4msfh/rXgvXvB83iK30+P7HZzqsccOrWe5f9pfLmVWb/AHmXdXtH2f71R+Qy/NtpgeE23gvxJp/g34gaLYQ61qeh3Wm/ZdDstaaP7bDNJHIske5m/wBSu5fvf7W2tCbQdelm+DcieHdQZdBVv7S+aH/R/wDRfs//AD0+b5vm+X+GvZvs9R7dvy0mB4XrXgjxNeWfxshi8O3TSeKFVdNbzrfbM32fyW3fvPl+b5vm/hq98H/C/iz4Y30ej/2LdXPhPUIY7yRpLqFptLvGXbNH/rP3kbbd3y/d3V7MvzMy/wB2pGXatAHB/FS18SX+n6LH4ft5L63XUlbVrG2ultZ7i12t8scjbdvzbd3zK22vN9F+Gmvab4Z8VaHq3gXTtR0PUPEjX39m22oRszWsi/ehb5dskbKvzMys3zf71e/Ku6RmpzW7f3qYj5/1j4d+Mv8AhUd14bghvNXkXXre802DUr6Frm1sYZI5Fjmk3bWbcrbfmb7y129vo2u2vxuv/EMOnxNoutaRa2dxLJdKslnJDJIzK0f8W7d8u35f9qvQWibzKGgb5aAIdzKzMtNWVqmW1+981H2fb96gZGsrOy7v4qLj5dtO8pty/wCzTpFZloArtKy7vu1H5rfw1N9n3feqNrf5qAG7mZacrfKtO8r5abt2UAQtK1RtL81SKrM3zUeRT3Ar7m+ajzWVama3+9UP2dtv96kBXa4b+LbUkLN5e405rfdRGvlLtoAhWVmZm/hqNpf4am+z7Wba3y1G1q2771AFdWaKia4apmi/hqGSJqAK8lwy/Mq037R975ama3bbtqNrNvm+agZXkuPNVlqNrholXdUi2beYzM1NmtZG/i+WgA83dRHL5u7dR9n+7ToY2X73/jtAFNvvNTWl+apprdvm21D5TLQA5m2ruqGS43VMy7l21Xmt28v5aAJPO+WjzvlqONW27amji/vUFBG3zfM1H2hd1OVfl21XW3k8xloAmW63N/s1J9o21Ctqy05lZf4d1AFpbrc3y0SNVe3VtzU6SgY3zfSjzf8AgNRtE26ja3rQMm89fM20M3zVC0Tfeo8lttAyRplVaj875qj2U5V+b7tADpJdtR+bRMvzfNUaq1AEjMtRq26o2X5qb8ytu/hoGSTNtqFpVqST5o/lqnNuf7tAFpmWq/m1Gu7bRtoAk83bUMktNZWXdUbLQFyaOXd8tNbbUce7c2abJu3UBcFl+anMy1FTG+9QFybd70bveo/mSq7N822gZNJKtV2lVf4qbI3zVXZdy/7tUMsNdU7d8tU1WnLu+7QBYZvloqFmooA9mqFmaKTcv8NTUbN1WYnmbfAXwWzTfaNPvLyORZl8ufUJvLjjkk8xo1VWXau7/wBCati3+GnhW3aPz9Btr7y5vtEcmobrqRZNu3dukZm+7XUfb7NrhbVby1+0N92D7QvmN/wH71Y+vePvDPhf+0F1bXLOxk02GO4vI5G+a3jkbbHIyr821moEy1D4c0mL7H5Wk6fF9hXbZ7bWNfs6/wB2P5fl/wCA1qfN8u1trVg+LPHWj+BfCdx4m1WaRdHt1jkkntoWmbbIyqrbV/3lrat5VuoY7hNzRyRrIrbf4WXdSZI5vO8xtrNtb/aoW3b5l3ferlfDvxIs/EfxA8VeEUsbq2vvD6wyTTyMrRzLIu5du1t3/fVdNcapa2+2N7qCKaT/AFayTKrSf7v96gCZrXcrLVW8srXVLX7De2sF5ayf6yC5jWSNv95WrNXxNpK+IIdHfWLP+1mj8xdP+1R/aWX73+r3bvu1Tj+I3hltYbS016xl1a38xpLRWaRo/LXc27b/AHV+8q/NSYHTWOm2um2629ra21jaw/6uC2jWONf+Ar8tXI1jiVfm+WvlnWPjJ4usPh74F1q18WaVq91q3ir+y7y50uzX7NNCzfKv7yPcrL/eX+9/wKu20v4sWuh+Lvipdav4mvNT0vw/JDJJo0GltG2lrtZWZWbb5m7bu/8AHqQz3pmjZfmo/d7a8n8C/tD+FfH3izTfDunQ6rbXGpWLahY3OoWfkw3Ua7t3l/Nu/hb/AGflr1Bm+VVFSBYhZVXcfvbqm3L5fy1TjX7rN/DVhfvN/doAtK21ajt28pW/2mpvzNtWnR7lX/gVAEkjblZdvzU5VXarMu6mqv3m/vfw1ajbaq7aAG2u1marysq1ThiZZJGb+Kpt38NAFjcrVD96ZqarbVpsKtNMzNQBYZV2/LUdjKrR7fvbak+ytt+98tOVVt49q0CJPlpKiW4+ahmZl+98tAFhWoqr5rfLTvOagCxQ3y/LUKy/NTWlbd96kBJuXdUcn+zTVbbu/vVG0rbqW4DY2ZZmqSRqh/i3U75t25qYEkbKy0tQQ7t3zVM33aYmRt3pu6oZJfmpu5moBEytRuVvmqFqkh+7QMGpu73qO6XdtqFd3zfNQBY+Wo5Kj3Nu+aoZNzLQBYXtRVfc22nR/LJQMfSNRJ935aqru27t1AiaRlWo9y+lQyL8rLVeT5lWPd8tAFxqjWXczVTX/j4jVmZvlomZlZtrUAXGams1V/vL96pGXay0ASbV/iqq0v8AeqxJ/q6y5Gb5v96gC7TG+7VXczN96rX8NAyvJKsTfNTWlWqs371m3feqPc3zUAWpGXdRu+Wq6tuX5vvVHJu3feagCZqhmlWJar7vm+9TWbcvzUAWo9u2mttqr5u1vvUM3zK1AFhV20f3lo3fLUPzL81A0TLTt392o93y1CrMrfN92gZM0qs33qmVl27qpyLub5aG3Ku0UAXmZf4aj2q7bqht5dy7Wp0m5fu/doKRa20fK1V1ZtvzNU/8NAxfK3LUe3avzVC0jfNtprSt/FQBJ8tLUXm0ebup7gDLu+9TKWRvlqrJdMv3aQE/8NQNR9obb8y1DNJu+7QBN92o227vu1z+veNLfQbrT7H7Pc6hqWoM32WxtFXzJFX7zNuZVVV/vNWXq3xQt9G0/Vrq80XU7aTS1t5LiBlj3bZmZVkVt21l+X+GgDsF20yb7tRNcbWprSM1OwEn8NN2r/FUfmt/FRuZqLAS7VqBvvUfaNrfNUMjMzbqLATMlRsq0NK392o45dzUWGSN8y1CyrUzNtWqsktIYMqrUa7aw9Q8ZWNrqk2nxx3moXluqtcR6fatN9n3fd8zb91v9n71VdN8daTqmoaTZ27XDSapbyXFqzW7LGyxttb5m/i/2aBnTeSKaq/epvmfNtX7tN81qoB23dRUbS0UAezU1pVVv9qnN92oWXdIv92tDE+P/GXhnS20X9oq+SzgttQ0fVLe80+7gjVZLWRV3fu2X7vzf+hVJ8QvFt9rnhn4mLqNjYrcTeB9JvJr5bfbdyNJt+WSTd8y/eb/AIFXqn/DPuoazq3jD+29etl8P+KNQjvr7T9Pt5POkWP7sPnM3yq3y7m27q2PF37P+m+LdY8UX1xrV9Z2+vafb6XNY2kMarDbwsrKsbNu/u/+PUhM8f8AHHjqP4ifsy/EjVLfVLqe3tVt9Pj025jWP7KsbQ/Nt27t0nzMu77q1l/ET4neJGh8cahZ6lfWM3g+HQ4dJgtrho4/3yr5nmRr8sm7dt+bd8te2Tfsz+Ebz+2PtFxrEsetQww6hAt4sMd0sKrt3Kqr83y7q6Zvg74TuNYtdSn01p7q1jt41aSaRlm8n/UtMu7bMy/wsytQI+W/HnjCTQfjl8QJNU0lrzwvdXGhrrzRt81vD5at8v8As7vvf7P+9XUePv8AiT/HrR9aso9N8S+G7680vTfsMe1ZtPkXa1vJb/8ATNlbd8vyt8ytX0RN8LfCN1ealeXHhvTbu61Tb9unuYfOa42tuXzN33tu1f8Avmr1j4F8O6XdW91Z6DptndW67YbmCzjjkjXbt2qyruVdvy0mI+I7rxBp918YPDtxpkl1Fptn4+mkuPtcck1ysjMqtI0irtVW27Vj+9tVmavRvAtvdeFfjxqTaNqEmr+Fby41S+1CxuYWabR7hVkVpF/66M21WX7ytt27lr6uhtY4vmi2xNu8xtvy7m/vf73+1Vjb8qrub5fmpDPhXw74Z8QXHwR+HOlp4b1qXUNN8aNqV5Aumzbo7fdu8xvl+78y16JqXgHxRqniD9oprfwrq0q+KLWOHR5Psu1bhl/dttZvu/e3f7qtX1Vt3feqSNV/u0gPmf4b/C/xlYfEz4S6xdeF7ux0/wAP+Gf7J1CeeSFfLmZZl+75m5l+Zfu19NRr8vzU75m+796poYm2/dZl/vbaTAjVWqSH5o/u7akVqbdX9rYeT9quoLPzpPLj8+RY/Mb+6u77zUgJP92nKrf3akXtWbq3ijR9B1DS7HUdUtrO+1Sb7PY20kn7y4k/uqtAGkqtu27akWFvlrn9W+Inh3QbfXri/wBWjtodB8v+0maORvs/mLuX+H5ty/3d1bmn6pb6pp9vfW8nm2txCtxC21vmjZdytt/3WoEXlX5ab5PzVh+D/HWj+PNNur7RppZ7W1vJLGRprdoW86P7y7W+b+KugVlagBrQNUkce2jdTfN+bbQBLSSLuWuK/wCFjXN1rElvpPh281rTbXVP7JvdQtpl3W83y7m8lvmaNdy7m3V3LRMv3lagNCutv81EcW1WWrG1lXcy1zeua5rWi6b4kvm0e3lh0+FrjT/9M2/bI1j3SeZ8v7v5v97dQGhveSKPJFcNp3xK/wCKR8K+JNRtYrXR9Yt7drieORm+yTTbfL3bvvQ7m27v4fl/4D3rfL8v8VAEaxf3qXateefF74sN8NdLtWs7FdT1K4uIVaNv9XbwtMsbTSf8Cbav95v91q9EkZVmZVb7rbaQDVWo2iXdWVHqk1vr2rfatS0r+y7e3hkjtlbbcW/3vMkmbdt2/wB3/dplr468N395HZ2fiDSLy8mbbHbQ30ckkjf7Kq3zUAbHlLTW21jx+NNBuNa/seLWtPl1Tcy/YVuF87cv3l2/3l/u1yHhjx5dR+J/iLbeJNSsYdJ0G6tfs9w0a26wwzQ+Z8zbm/iZV3M1MND0dlX+GlrntU+IPhvQ7W1ur3WrSC3uI2mhkZm+aNfvSf7v+192o9c+I3hnw4sLalrVtZ+db/al3bm/c/8APRtq/LH/ALTbVoEb0lvG7N/eqPbWNq/j/wAO6BNDBf6rDDNND9qjRFkk3Q/89P3at8tVo/iX4XutDtdatdagu9Nupmt7WS2jkka4kX7yxxqu5m/3VoA6Lau6n815V8WPiNJ/wp3XPFHg3XEWSz2t9pgjVmXbMqyRssi/u2+b+7uq5ceMr7S/jdqWm3+rMvhtfC7awttJCqrbstxtkbcq7m+Vf/HqQz0ZvmqFl21zM3xQ8OxaXp999snkh1CRo7OKOxuGnutq7maOHy/MZVX5t23bVG8+NPgmz0fSdUuPEFtFp+rSeXYz+XJ++bdtZdu3crKy7fmoA7Jtu6myKteG/wDC+NN0v4qTXF14ivJ/B+oeHVvtPtP7Pbcsy3TRybY1j8xvljb733fmr0pfid4bl0HS9at9UW+0/Vm22P2GGSaS6b5vljjVdzMu1t3y/Lt+aqsB021dtHyrXkfxM+Jcd58O4/EHhTXJ4PsutWdrdLHH5cnzXUcc1vIsi7o2+b/Zrsrz4iaHb3GvK11LFDoe7+0LlrWTyYdq7tvmbdrNtZflX5qLAdTUTKqt8tcm3xY8Pxabql9dSXmnx6bJDDcR3lnJHN5k3+pVY2XczN/DtrPuvjR4TsND1bWLy+ubOz0m4+y30c9nMs1vN/CrR7fl+8vzfd/2qLAd0yrt+7ULRK38NcDN8ePBq3V1areag15bxrcfZF0u4aa4hbd++hXbukj+Vvm+7Vi8+IPh/Vr7wPNa+ILqKPWLhptPjsYW8nUl8lv3cjbflVfvfeVty0WEdo0Kq27b81N2r8zba8b+OHxV/svR2j8P6pqVteWOrWdrdXNja7rbc00ayW8k23arbW/hb/Z/2a7rxJ8UvDvhe8vo724ufLs9rXk9tZyTQ2Kt91pmVf3f97/d+akUdQsXysyq1C7a8v8Ai9a2dm3hnxJZzXMV5Jr2lwyTwX0yxyQySbdvl7vL2t8v8Negao11LY3UNlNHZ3jLthnkj8xY2/vbf4qBF5m+Wq7RR/NXnPwv17VJfFXjDR7rxMvizS9Na1+z3zLCs0ckis0kLeX8rbfl+bb/ABVqfE6XUF0G6vLfxYvhCxsbWSaS78mORmm/hVmk+Xy/9lfmbdQB2HlL8vy0NWL4H1m+1bwT4f1DVlii1S6sYZrhYGVo/MZVZttcj8aPiDH4c8G+JodO1C8ttcs9Na8WTT7X7Q1r8reW0nyssasy/e/4F/tUAegNErNTZLda4PSfHmntrGirea9crfSeHVvptL+zs0Mi/u2a43Kv+s+bbtVv+A023+PXgW8WzaLWpPLvIWktZGsbhVuNv3o428v5pP8ApmvzUDO2kVqjVf71c7a/EjQ9S0WHWLW8knsZrhrVVW3k877QrbWh8nb5nmfe+XbXP6t8btBt18PtZNc6hHq2oSaezR2s261aNWaRZI9u5ZNyqvl7d38VOwHfTRKzbv4qb5UbLtryvxt43uLfwT8Qr7w/4mll1TRZFm2tZr/oO1V3QruX5ty7m3fe+avSlut8azIu9WXcq/d3f7NICb7Ov3qPKry9bjx9o3irwrb6j4o0++t9UupFutPg0lV8uGOFpJNsm7dtX5V3bf4q9G1DVrXS7G4vryZLazt4/Mmnkbasa/3qALit/DQy/NXnPjj4jRy/D3xdfeGdU+za1otm10yz2bLND8u5d0Myr8rKvyttroo/H2iqtwtxqUcU1nZx3l5ujk2wxsu5WZtu3/gO6gDpGXdRtX7rVz8fjzQ5dNur7+0Fit7WZbebz4ZI5Fkbbtj8tl3bm3L8u3+KrWk+JtN8R2bXWm3S3MayNDJtVlaORfvKyt8yt/stQO5rbfmpzLu/3q87+MXxEvvAfhO4utJt47nVPLaZfMXcsMMbL5kzL/wJVX/aau+juI2j3M21du5v9mgZJGq+Zup027cqrXC6P8UtF8W6fpd5puuWelLcap9j+zXy7pLpfMaPy41bbtZtqt/s10UPjfw/cWd5eJrVi1rYzfZ7qdZvlhk+7tb+61WkM2o1qw33dtYtv4q0W41xtHi1azbVPm/0RZl8z5V3Mu3+9t/hrUvJZltZvsccUt5tbyY52ZY2b+HcyrSaHcbJFt+amstYfw78TXHjLwLoesXUMUVxfWqzSLBu2q38W3dXQMtKwFdlXdTVVd1TMu6jbTGQzK23atVVXd/DVxqG27aAKrRfLWXrS6hb6bcSaXaxXl8q/u7aebyVk+b+Jtrbflrcao9vzUrAeJ6hLqWjfFbwvr3iWzg0i3vtLuNHby7rzobe485ZI1aTav8ArF/9BroPi1f2dx8OfGFqk0ct1DpLSN5fzeWqtuVWb/eVvlr0K+sLfULeS1vLeK7tZP8AWQXMayRt/vK1U4fDOj2unyafFpNjFp8n3rRbWNYW/wCA7dtMBtmq3lrbzbv9ZCsm7/eWpGt9tTW9hb2dvHDawx20Ma7VgjXaq/7q05qAKbRUeV8tXNq/xVGy0AU2hprRbatffpu2mMq7Kj8urW2mslAyGSud8UXmsaWtq2k6DLr+5m87y7yG38n/AL+N83/Af7tdMy1CyUhnl/wtWa18SeOtLvNy6t/bUl8sbN80lvMq+XJ/tL8u3/gNTawtivxA8C3Vm0bRyXGpWrNH91maPc3/AI8rV2mueEtH8RyQyappNrqEkK7Y5J49zR/7Kt96nXHhnSbprNpdLtWax/49f3K/6P8A9c/7tSBMsXy0NH/d+arH3aSmgKjW9FWvLopgeuUn8VLUbN+821ozEqzatZ2+qW+mvcRrfTRtNHbL8zeWv3m/2V/2mrF1bxbNpvizT/D9npMup3V1ateST/aI4Y7eFZFjZm3fM33vurXm/hnx1q2h+LNU1bV7W2l0PxBr19p63MfmNd262ccnkrtVdrR7YZPlX5tzf7VbXh3xfZ+MPipY6lpq3S2//CO3Ef8Ap1nJbt8t1b/wyKrbfm+9SEzqrP4g6ff+NLrw3a2Oq3Nxa7vtGoLZt9gjZVVvL87+9823b/eqn8TviXa/C3T9L1LUrGW50u6vo7Ga5jmVfsvmfdkZW+8v3m/4DXNw6HqXw3+JSyabqGp6vo/iJb64uNEu5Fk8u6VfO8yFvl2qzNt2/wC0tR+MLW8+JHh/Q9L8R+HZfDkeoa19ja0ubyO4Zo2tZv3n7v5V+9/47SEdF8YPihH8J/C9vqC2a6nfXl9DY2ts03lqzSN8zMy7vlVfm/75rrptWtdLks7XVNQ0+z1C6by44mmWPzpP4ljVvmavlPXL/VvEHwhurzxGv2abwrdWfhvdO3/HxcR30PnTL/2zjt1/7+V1XxAuPDer/FDxxovjDWNStlvo7GTR7TT442k1CFVVljt5PLZt3nbvusv3t1AHq198WPDt5J4y0mz8TafouoaHD5cmpXLRyRwyNH80m1vvLGzKrf7Xy1DD4m1T/hcmg6SdW+2aHeeG5r7ylt1jWSZZIV87d975lk3bf4a8x8VXFvYaP8etFnt511K8hjmt4Gt2kaT/AEGONfmVdrM0n/fTV1VrL/anxO8H/ZftkUcng2az/tCOzkZbe4kaFlVmZdqttjZtrf3aQHq3iS3utU0eS3stYk0HzG/fahGq+ZHCv3vLZvlVvu/M33fmrk/gTrl5rPhXWGuPEjeLLO31q6tdP1SRlaaS3Xbt8xl/i3bv+A7W/u1Na2t98PtHvJNRvvE3xBa6mjh8v7LDNJCu1t22ONV+X+997+Gsnwf8LYWh8ZTPa6h4XsfEl9DcR6fp832O5hWONVZm8v8A1bSNuZlX+GkBvfELXpv+Em8H+FbW4aD/AISC4ma8aNmWRbO3j8yTb/d3fLHu/wBpq5X44fDOxv8Awrr2uT32pLq1rDHHoK2VxJCtjIqqsMMMattZmk+8zfe3f7NGteBbfwL4++GOqWs19PpNrcX2m3U+pXUl1JHJdRr5bNJJ821pI1X+78y1teLLP4lXvjaG80nw74fvNH0v5tPXVNWaHdNt2tcSRxxt83zbVX+H5m+83ypiPQNPurjTdBs21eTzby3s42vpF/ikWP8AeN/30rV4J8O/ircfZtN+IHi/wzd/Z/FWpfY7HW/OhkXTbdpGW3hWH70cbbfmk+VmZq9PbVvFkXjTwvoN7b6PqGn6hpszaw0HmLNDJtbcyr91Yd22P5vmbdWLo/wT1K38M6L4Nv76xufB+j6hHeW8kfmLezRxyNNDbyLt2rtZvmbc25V+6tIDupvid4TsJr61fxJpkt5ZwzTTWkF5HJcqsKs0n7tW3blVWryPxNrfibxfcfBnxNd/2fbaPqXiazuIdNht2861WSORo9027bJuj+98q/NXsl54F0PUo7yOXRdPX7ZDNDcSQWsccjLIrLJ8yru3MrNXnen/AAC1630vwro8/wAQHl0nwvqEd9parpcf2nbHuWOOSRmZW2q237v/ALLVICPxh4s1rXvDPx60PUmtfs+h6a0dn9kjaP8AdzWcknzbmbc33atfAvxfffEDS7G407Vvsmi6Ha2umzab9nj+0zXEcK7pJNy7o4/4V2/M23d8tb1x8GZb9vHnm+Jp0HjCOOO8WPT4/wByqx+Xtj+b/nn8u5v96pvDvwRtfC/iax17Tte1C2vodPh0268uGFY9Qjj/ANW0y7fmZV2ru/2aTDQ828P+OrzwT4L8VfYWWK+1b4kXWjw3Mi7ltfOmXdNt/i2ru27v4q7a+1TxD4Z+KP8Awii+IL7UdM1nQ7q9tbu7WFrrT7iD5WZW8va0bbvusv3q17X4E+H18N69oN7dahq+n61fNqk32uSNZIbpm3NNC0artbdt/wC+a29O+HNnYyXdzPqeq6rqU9n/AGe2qXtwv2hLfdu8uNlVVX5vmZtu5qQjxLS/GnirQfgHovjy78YarqGpa1Ha2LLcrH9ms/OutrXCrt/1iqrfM396vQ7r+0/Bvxi8OaHa6pqd/oXiKzvlu7e/vZJmt5IVVluI5G+aPdu2sqtt/u11ej/C3w9pfgeTwf8AY3vPDbRtD9hv5mm2xt823d97bu+b/Zq94f8Ah7o/hu4a4tvtl1efZ/sa3d9eSXE0cP8AzzjZm+Vf92geh8+6PNN8Pfhb8WPEWkXF3FqFr4kvLGO5mvJpFhhaaGNptrMy+YqszeZt3V3Nr4LuNLvtQvYPF4/s/VNDuFXS9LuLqTzmjXzFvFmaZmVvmVdy7d26vR/D/wANPDfhm31SHT9N22+qMzX0M9xJcR3DN95mWRmVmb+Jqh8O/Cfwb4VsdQsdG8O2en2+oL5d0se798v91m3btv8As0CPDPCFn/Y+k/ALxFFeag2saxdR2d9cz3kkn2iFreRmjZWbbt3L8vy11+h2/wBj1349QrJM0MflsvnzNJt3aezNt3N93czV6VD8L/CdvDp8KeHdP8nT23WcbR7lt2/6Z7vu/wDAavL4I8Os2oSf2Dpu7UP+Pxvsq/6R82795/e+b+9QB47qHl/8MY/vdrR/8InGq7f721dv/j22u702Tx8troa29roDaf8AYbP7VJqFxcLd7vLXzPlVdu771amqeANPvraz0eKxs7HwzHMt1cafbQ+X9okVtyx7V+VY9yqzf3tqrXVsu5W/vN/FSGfNPxk0fx1Z+BfEFxqlr4elt9Q1a1kku47yZpvLW6X7PHtZVVY1+VfvfxM38VesaxF8RLia3azm8K2n7lftkc8N1Ntm/i8tlZfl+7t3LXeNEsq7WjWVf7rLuo+bdQB4hZ3nhvT/AI0fFCPUJrOLTZNAsWvl+VfM2+Z527b95trLu/i+asrwLq1j4y1q68YT31mvirWLeTTfDuk20itJpNuyttaRV+7I23czfw/dr6EVV3fKq7v92pGWT5l2tu/3aYaHyju/4SP4H+E/B9kssXxC0vUrWP7Eyst3Z3EdxumuG/ur5e5mk+626oPFmpX2n/Gjxv4itt2s6Bp19p91faEkef7Qjjt/JaSH/npJDI27y/mXd/u19YsrN/ebdTVaTaq+Yy7f9qgND5++KWt2esaxbeIfDev3Wka2ui/6PJd2ck1hq0LSSbrOaNl3eZu/h+9+8/2axPG15qmrNfaXeeGdS0G+vvBsce3RtPa4kvJGjb/Q2k2ssccLfw/K3+1X00zSf89G/wC+qj+ZV27m2/3aA0Pm+bxHqWrfD3wT4Vs9N1rQV1LSbW31zW/7JuN1vaxx7Whj2xs3mSNuVf7qtu/irYvt2j+NvAfiTSND1OLwTosN9obRx2MnmWqyKvl3Xk7fM8v5du7b/tfxV7tJceVHJI83lRqu5mZtqqv+1TWb+JW3f3W3UAfNPjLwlqUvgP40alZaXqHk+Kry3bS9Pjs5POmaNY1aby9u5fMZWb5tvyrVf4teGda8efEzT9U0G31OP7H4bVl+06bN9iuriO4+0fY7hdv3WVfu/wB7bX05tqP+HbQI8R8UeLda8UN4H1D/AIQ/xDp9vNJMuqfZtP8A+Jnp8jRrtjjZl+WORvlaRf4V/hrg/D/h/wARWHw98E6XdeE9eim0Pxs2oTK1m03+i+dM3mfLu3bVkX/eb7u6vqjbtX71Hl/xVSGeR69Z3nhz44WPiaXSdTvtJk8Otpv2nT7VrhluPtHmbWVfmXcv8X3a4fQfhp4i8B3ng/xJ/ZdzeW9rqWrXF9oljtkmsYb1vlaNV/1jR7V3Kv8AebbX0gy/3ab/ABfLS2A+a/HXw81zVPD/AMRtSsNF1Nm8TaxptxY6bBGy3Kx2/l+ZcSL/AMs2bazfN83yrWt4f0nxBo3gPxN4F1bwjqXiHTYY5G0+7aHy/wC0reZvMaOb5ty3C7m+b+Jlr3xu9R7aLgfO9nofj7w/4V8RWekWer65o8c2ntpq63ax/wBqwxrJ/pCx+Yv7xo12+WzfxfdrF1rwR4suPDPxg0mz8G64kfiT7HNprXc0dxJMyxxqyyN5jfN8rM3937tfUW2m7aLgePtZ6svxitde/wCEf1f+z28K/YZJ/s/zLced5nlsu77235f7u6uR8J+EvE2keD/gza3HhfVYrjw3rEk2pR+WreTDtmXd975v9Yv3f9qvozatN2LRcR8w+IvB/jTS/h74s8FxeEdT1e4k15tSsdUtPLa2uoZLyO4+ZmZWWRfmXbXUNoPiTQdQ+I1q/hu+1ex8XK15YtB5ciwzSW/kyW9w27bHt2r833dte5babSKPE/Hnhybwb8H/AAXo9zN9sk0vUtBt5J/+ejR3EatXYR+ErzwRNqmrW+qeJvFkzQtt0m5vI5F+9u/dqyr8393c1bXiT4e6L4tvre61SO8uWt2hkjgXUJo7bdG26NmhVtrNu/2a3m+b/eoEeV+G/Csn/CwL7xhZ+GbrQY20f7DJYzxx2819N5nmKzRq21dqrt3N97dUlr43bxb4b0+S48B6zfWuoNNHdWKww3H2WSORo2jkVm/2W+b7temSRKysrLuVl2stQ29nb2drDb28McFvCvlxxxrtVV/uqtAHl/hn4T3Vj8OdD0OfXtY0GSxa4k8vRrxV8tZJGkWFmZW3eWrKv/fVcn4k8OeJvD958QrO10PU/FGn+KNLjjs9QtGjkkjmW1+ztHcbmX/e3f71e9TRKy/NTWVdtAHhPh/SdesPFnw/vrzw3qkVvpvhebTb5lWNvJm/c7V+Vv8Api3/AH0tZfhPw14isPDvwlt7jw3qcVx4f1SaS+Xy1/cwtHMqt975v9Yv3f8Aar6Emi81drVGq7V2rQM+ddS8F+JGXVL5PC91fLY+MLjWl0ufbG2oWc0flt5fzf6xdzNtatTUPDOof2X4f1jSPAs+kfY/EkepSaNB5a3rR+TJG00i7tu7cy/xfd+9XujKv8VR/Lup3A8F8QeGdevrX4xW8Xh3Umk1y1t10/bGrLdSLarCyq27+9/e/h+au+tfDN9f3Gl6s2veINMVY4Wk0TdGsO5V+ZZFaPd838XzV3dMZVpAcWul3Vx8QpNQltZFs7HS1tbeRvuyTTSbptv+6scK/wDAq5Hxx8MfEF/4R1qHTvEmq65fTeTcW9jqkkfls0MyzeWu1V+9t2/NXrzVHt+61AHhvjbQ9U8bzeJtcs9B1Wz87wnNo/2S5tfLmuLqaRmVdv8AEsf977vzfLVXwfpOuaH4N1zwrrPhfWNcsbqza8huWhaOS4aSP95azN97zlZW2t/d2rXvTKu6msq/3aAPn+Pw54w+xw3EUep+IdN0PXLPULX+0rfydRurdY2WSNl+VpGj3Ltb+Lb/ALNdRpPg3VtU1zxdqllqGq+FbXWLqzkt5IrdY5pPJh2ySNHMvyqzN/Eu793XrG35adsoA8R+JXwl8TX3hnxNNYeKr7Vbq40lbVrGTT7dpLry1/1e7+Hc25vl2/M1d5pfhXxFb3Gh3E/jK+22scP2q2+w26rcMvzNu+Xcu77vy/3a7RVqTyqCjwH+y9W03wLa6PP4f1j7ZpfjBb5ZFs2kVoft0kzSR7d25fLb73+1trqNa8L31v8AFi1t7VV/4R/xBt1TUo/7txZ7fmVf7sjNb7v+uderNWLpPg/T9G1jUtUi+0y32oNukkubqSby13bvLj3f6td3zbVq0wPGdWXWIviRpt0nh3WIo9N8VTTNBY6f/ozW80Mka3Xmf8tJJGZWZt21f9mvZPDuk61odxdTav4kk163+9Gv9nxwtDt+9t8v5m+Wui/hpu3bQB5j8L9O1iX4Q6TptreXPhrVLVpIWku9P8xlXzmb/VybfvKy/NXoGj2t9Yabbw399/ad1Gu2S78lYfMb+9tX5Vq4zbvvU2TdupFITmmNTv4aa1AxrLTKfUbJQAvNI3y0NTW+agBrd6ZzStUf3qABqbT6ZQA1lZlqNlqb7tQyNQA2o2+apG71FTGFMbvRTW+7QFxOabTuaiZqQxlJ/F8tDfNTd21qYwZaNu2ms3zUL/tUADd6KG70UAesVGyt97dUn8NNWrZicnp/w7t9N8TNqgvpZbWO8m1C101o18u3upo/Lkk3feb5d21f4fMaqOtW+qWfxU0fVItH1DVbFtJm0+S5tPLbyZGuIWVpNzL8u1WrvGbarM21VVdzfN/DWXfeINJ02zmvLzVtPtrOHb5k8l5Htj3fd3NupCZn+G/Aej+FZLiSwjuXuJtytPd3UlwyqzbmWPzG/dru/hWr2peF9J1ySzk1LT4NQks5PMt/tK7vJb+8q/3q43VPirY+GviNdWOva9pWmeHZNJt7qxkn2r5k0kzL/rN3zblXd8vy7f8Avqtq48ZaXpviDXGuPEkUsOm2NvJcaXHHu+y7mbbNuX5maTcqqv8Asr/epCNy68P6Xfx+XdaXY3kfmNNtntY5F8xvvNtZfvf7VXIbO1t2hZbOCJoV2wssK/u1/wBn+7/wGuLvviDoOpSeG/8AiZavpk1xrX2O3tltZIWmuI1bdDcKy/LH8275vvba534X+MpNNXUNHuG1XxHqk3ibVI4d0izSR28Mir5kjSMu2NflX/x2gD2RWki/ikVv4ajuLpYoWkuLhVjX7zSSbVWvG/Bfiq38Ef8ACfee11qEk3jKSxsbZpmkkuJpIYfLjVpG+Vfvfe+6tUfix48h8VfDfxxod7p7aVrGk3Wnx3mnyTLMrQyXELRyRttXcrf7tJiPam1zTbexW+fUrOKxZvLW7kuo1jZv7vmbttaC/erzf4yeD/D8XgvVpn8F/wDCS/Y7Wa3sdJsbdWWFpN37xY/lVf8AakX5v7tbHwVutPuPhP4Nk0u8l1Cxj0uGOO5uV2yM0a7W3L/D8ysu2kBpXni3wnf69N4NvNa0i51i4j2yaJPMrSSLt3bWj/3f4fvV0H7mwtdzyR21vDH8zSNtWNVX+Jm/2a8t8dfDvR9SvPCOg6Xp8EWpQ61Hrkl8q/6TDDDJ5k0zSfeZpGZY/m+8zf7NTftQX91b/AvxZJb/AC+YsMMzL/DDJcRrJ/461JjOy8P/ABE0PxRHeLpN1PeTWtut19m+yyQzTQtu2yQrIq+Yrfwsvy1i33xz8P6X4Z17WrjT9cih0O6jsb62ax2zwzSKrLuXdtVfmX5t38VYvirda/tIfDOG1+WNtH1SGbb/AM+6rG0a/wC7uVa4X4jbv+Fc/tDLE21v7es/4fu/u7OhCPpplX5o2+apNteC6t4o8RfC/wAbeNrVtevvEsdv4NbxBDHqSq3l3kcjR/u1VVVY/wDpnVnwb4f8SXVzoHiKTxikWl61prR3UdtqlxdSanI0LSLJGzKqwyR7Wb92u1V+Whhoe67WVd21lX/dqvY6zZ6lqWoafbzLPeae0a3US/8ALFpF3Krf7W2vk3R9L1iz+Cvw/wDiFYeJteu/Fzapbw/6XqEkkd1HJdNC1v5bfL935t33vvV1UNr4V8Jap+0FqF+0ulfZ7pVW502TbexxyWas3k7m+8zM3/fVID6UX96zbPm2ttbb83zUR3UPnLD50XnSL5ixeYu5l/vKtfNHgePSbX4va1ocv9i6ZpeqeDY2k0vTbrdH5nmfL5jLt8y48v5mZVX/ANmrF8B6PoOh/Dv4AeILaG1s9YutchhutQ8z95JGyzLJGzf3fu/L91aAPreSXyoZJPLkl2qzeXGvzN/srXll5488eeF/E3hpvEOlaL/YPiDUI9NW20+ST7bYSSKzR+YzfLJ91t21a6Sxm8cW/iSefV7rwvB4ThaaRvIW4W6WH5trMzN5a7fl3f8AAq4iz+Nngbxh4utb5tcguf7NuGt9F0uGOSS4uLhv3bXG3b/dbbH/AHVZmb73ygaHtXzN8qsqM3yq23dtrzL4YfEl5/Bc2o+LtYtluP7avNLjm8nyVkaORlVVjX+LatdH/ZfjC18WNfTeKdMTw3HM0jWH9l/vPJ/utN5n/j22vnz4X69e+DtaTxJOk2s+GZta1C0a2W3ka40pppmkW8jjVfmjkX7zfe2/doA+idd+JnhnwvcNDqmrJbNGsck37mRlt1k/1bTMq7Y93/TTbVfxR8XPCPgvUJLHVtajgvo7f7U1ssMkjeX/AHvlVt1eNfF+8v8AxMPiTpdlo+pWr3Wn28lkuk6ezLrS+X/rribb92P7vlqyt/vfdrrdHu5b74weD9SfRtWghHhiSykurjT5lWKZpFZVZtu1dyqzfe/i+agRT0H40af4U8XePrfxHr2o6hp9vfWrWP8Aoclx5NvJbrIzbY4/3ce6T7zV6jeePNHtY9L8iaXVJtUha4sbbTo/OkuI1Xc0ir/d+Zfmbb96vPtNW+8JePviWt14f1W9h16S3m09ra1aaG8/0Xy2jaT7sfzf89NtZHhH4e658INY8C6gbW48QWNn4fbQ9SXTV86S1kabzlkVfvNHu+X5f7tPQZq/FrxtD4g+E8mueHtYvrZrXVrW3mW2ka3njb7QsckMy/e/i+7XoEnj3Tje68oiuWs9H8xrzUlRTax+XH5jLu3bmZV+8qr8rfLXkvjf4davqngTxs9nod9LqPijXre/h02NlVoIYZI/mk+ZfLZlVm+9u3MtbPgfS/F/gvS/EHhZfD82teHobeabQbu+aH5vMjaT7HdL5m5vmbb5n+9upCOwsviJBqlvcb9E1i2jGm/2lD+7jZrm3b5f3flyN83zfd+XbXm3ii80vVPh38JdW0NtSs9LbxBpsdrHd3UjSNDJI3yzfM3mN8v8W6tH4f8AgnVPCXiPVp9G0nV9F8KXGlt5nhu+uYZlW+Zv+XX9422Pbu3fMq/Mv/Acm3+Hvi6H4L/D7w5/YLPrGg6pa3l1G13bqvlwSM3ytu/iVtq/7rUDO5uLzRdb8ceONJ/snULbWo9Fj+1Xslw0cdxD83l+WqyfL8275vlasP4JeMHb4d+BdHsLGbV520iOa8uVnUR2a7vl85m/ib5tqr83y1fbR/EVr8XPE/iOHRPP02+0OHS4P9NhWRpo2ZtzLu+Vf3m2uP8AhP8ACrxn8J/7Cm0+ztGjmt2tfEOmtfr5czL/AKm6hbb8sm1trf7tAj2nxZrzeGtButSj0+51WSHasdpaLukkZmVV/wB1fm+Zv7tcL/wu60tdJ8czanp/kXXhHy2vIrK6W6jkWRf3e2Tav+625flroPitoOteLfAuoab4cvorHUpJIW/fyNHHNGsitJCzL8yrIu5dy1xOk/DfxhoeveMtSsI/C+mQ61Y2cdvp8HmNDDJDuXy2/d7WjZWbc23+L7tNAaXiTx5NL8N/F2qap4Vtda0ez0/7R5dpqS3FpqVu0bNJtkaNfu7fmXbVObxv4gb4ifDnSdJ0+xttB1TRZr7yPtTL92OP5fljb5Y1kXav8X+zWfY/Ba+0vQfiFa6Pb6b4eh8TWK2tvokN5JNZWszKyyXG7y/l3K33VX+GtRfAPiJdQ+Hd9a32lQal4Z0+bTbxZVkkhkjkjjj8yP7rbv3f3W2/eosB6kzfNTWSiSX5qbJLtj3UgHbajbvTlbctNZloGNak5pGaq8dx5u7+6rbaAJKZT2701moASmNQzLUc1x9nXd96gBzd6buqNZWZdy01Zf3jLQBI1JS7t9NaVV/iXdQA2o2+7UjSL/eqPcu3duoAa3+1Tf4aJGXbULXC/wDAqAH81BJTlljZmVW+amyMq/e2rQMhb5Wob5drVDJcKzfKy0eau77y7v7tADpF3LUO3bTlZvMb5qbcTKv3mVf+BUADL/dqFv8AWUfao921ZF/76qNrhV+6y/8AfVADmqFtzLTlkVvm3VC1wqNt3LQA6NfKZqc3zVDJcbaj+1bV+b+9QBcVafzVb7Rt3bqcsv8AdagaJ+aVZf7tUbibb8q0Qysrf7NAzS27lo2/7VQx3Cs33qmV127mpoBy7lWj7y1C10v95ab9oVf92mMmVqbJUf2hW/iqNp1oGSb/AJaa1V/tG5v9mnfaF/vUDJKbuqNriNW2sy07f8tAC81E3eo/tUfmMu5d1DSqzbVagCRvu0zmoPtG5f8AZpv2hdvzNQBPTKj+0L5f3qj+1K3yq1AEn3vmqOiSX5aryXW3btoAm3UymfaI1XdUbXG/7tAEm73prNVfczNTmamA5qbUfmr5e5qja4VvutQMkb5abuqOS6VfvVD5u5m/u0BcsUbmqFbhf4qJJaEMl/hoqs10u3bRTGexN3pq/ep38NNmm8qqZifOupa94ZsPi1rE2rX0C6TJDrFrqX2ub/Sbjy/JZlZf+ea7WWNf97+9WPDqXhnSfDulzbdNsda17UG1K6ntIVmttJ863mWGHy4/laTyV8tVb+Jmavor+w9Fa6uLr+xdNa4uG3TSNZxs0jf3mbb833amhW3sF8u1tYLaPdu8uCFY13f3vloQmfNvhmXSZ/D+itqmlyX39ofD+PSbGOSzkZprpZJFaGP5fvfdreuPC7Wd9rGj6vpeq6rD/wAIjpOm3DabDNukmhm/eeTIq/NJHuWT/gNe9NqUixsqs3935Wpqyt8u7+Gp5riPEdP0nxY2n+CY72z1fxDHpvi77ZHqE9j5N3Jp8cLRrNcK23a26Tb83zMq7qq+BfBvjTwR8QtU8UWfhu+ltda1S8j1TT57i3X/AEVpPMt7iPdJ8rKzMrL/ABbq96aVtv3qJmZf+BUgPGZvhj4o1ltc1KLT4tP1K38XR+JtJju7qNo7pVjWNoZPLZvLZlVvm/2lpvxW8JXVr4L8feLtZjgsdQ1b+y7dbGCbzlt7eG4jVd0n3WZmZm+X/Zr2rc23722o7iwh1K38m8jivLeT/WQXMayRt/vK33qAKesXnijUtWjuPDN54ebSZFkWSe+86STzN3yyR+W21l/2fl+b+KodD8G3nhXS/DOk6JqkdnpelzM18s9uskmoRtuZl3f8s2aRt3y1qafZ2ul2scdrbxW0ce7bHbRrHGvzfwqvy1a81vJkb77bqQHndr8LfGDeItSvp/idcxR6lMsl1Bp+kwxs0a/KsKyMzMqqvyrt+7uZvvNXeah4Nh1xvE1vq99c6rouuQx2/wDZM+1YbWNY2VvLb73zbt3+8taFuu243f7P3avbtq/NSYHK+H/BFr4SuJNYvNQ1DxHqlvY/YYbm7jVpo7Vfm8uNY1XczN95vvN8tcb4d8Aw/EG1+I0fiGx1jStF8Qa5DdRwSf6LNcQx28K/N95lXzI//Ha9ab5pmb/ZoX5drN92kIw7X4faKvir/hJHk1C+1ZrH+zWku7xpI5Lf/nm0f3WXd833fvVm+GfhT4P+GjX194Z8PtFfNDIqwR3EkjKrfejhWSTbGrf8BrsofmVmX/gNOjiby2ZfvNQGh5f8AfhfD4L8C6HHreitZ+INNaRm8+8+0RrIzN++jjWRo1ba23dtVvvV6NJ4S8O3moahqFxoOmz32oW/2W8uZLVWkuIdu3y5G/iWrXlN5bLtb5qsRqy7vlagDLs/A/hWwjhht/C+jwRxwtbx+Xp8a7Y2+9H937rVYt/C3h+yiVItB0qKONmZVWxj2ru+9t+X/ZWtLazbfloaJmVty0mBN9o3fejVlb7ytTlZfL3LHHF/uqq1C25mVtu2plX93QgJo5d1TedJ97zG3f71VVVlapG3UwGyXEm5lVvl+996mtcMy0N81EcVIBq3DfMtO81t3y05bVvmamr+6k8v+9QMbHdM33qbDcMzf3ak+wfN8rfLTvse1fvNQSRszK0lDfLHuZqd9l+9833qb9lX+8zUxkLfMrN92mtK25V/h21Y+zr/AHjTWtV3bqACH5l+ao7hdrLtqxGqp92mtEsrfNQIz5N3mURqvnM1Wmt1pv2df+BUhlFpW+0Kv8P96nM3yyVa+zx/3ab5K/3aAK7fMsf+7Td1WmiVab5StTAzfN+ZdzfxU1W2xtt/vVofZ0/u1H5Spu+WgCFW/fbV+7tovIVlhbd/D81TKqr91aGVXXb/AOO0AY8ax/Z42kbau3+KhV/0dWZvu/3v4q1GiVV+6v8Au1XvF/d7l/hX7tAFOOVfL/4FUcksbNcb/u7asW9v+53M3zU6OJW3bl+ZfloAda7vsse7722qN5tlab7vy1ck3Mu1abJEu3cy0AVdy+Zt/wBmiT91HHu+9/dq5Cq+WrVHNFuk3LQBTbd5PmL/AA1XZVWNW/vNWgtvtj2/3qh+zqvy7vloAr2q/vpP7tR3277Rbr/yz3fNWhtVahk2r8zUAZclvuVtv96obhtsjL/y0atbcrVXuIlaRZP4loAq2fzTSZ+98tN1BdzR/L91quL92j5WWgDFZfvf71NZfm+X7qtWsyqrVGy0DM2NWZpGVW21HGrNH5laW1VqH7Ptbcu6gCnRIrbfu1eZVZfu0Lt3NQBm/Nuk+9Ui7ljXd92tDZuo2baBorsvy/7VRqvzMu35qmmbatSQsu1WoGQxxN5i7quXDbYf92nbVb5qcm3vVAZsi/Mzf3qGVn3feq9s+ajbQMo/xSLtb/vmoZFZvvL8tajUMlA7mbt3fd3UMvys235q0NtRtt20BcyVb92rMvzLV6H/AFNOa3Wb5vutUMjLb7V/vfdoAosvzN8vzbqcqtu21oK25fu01mVvu0AZ7Pt+XbUMjbt26tC4i/d1yd14+8O6bqE2m3mpbdQt1VpoFtZpGjX+98sf3f8AaoA2j/DTV+VlbbRp95b6pY295Z3C3NncRrJDPH92RW/iqwrfNtagY2b7v+zVWRf4lVq0vlqORdtAGT8zfw/LU0a/7NXGVaZQBWZW/u1HIrK38VXG+9TWbd96mgKP3vlqFkZf4av1FI3zUwM2Tcq7mp0f3flpuuazY6Hpc19qNwttZw/ekb/x1VX+Jv8AZWsmPxvpsV0trPa6rZ3UkMlxDBc6fJG00ca7m2/3m/2fvUgNr7v8NNZt1R6Drlr4l0Ox1ay3fZbyFZo/MXa21v71Wm27qBooy/fVdtFXtqrRQUew/wANVJmZv4as0xqtmJweqfF/wjoOpalpt5qk6X2mruvIINPupmt1/vNtj2qv+1Wl4Z8aaL4wvNYh024llm024+x3SzwtD5cm3dt+b73y15PcNrDftOeMrfTreKfT7yPRY9SZmbctuy7W2r/Fu3bW/wBmuP1bWdS8K6940m0jULnTG/4WNp9rIttJtWSGSNVaNv7y0Ik988aeMrPwD/Ya39vcyrrGpR6XC0Cr8s0n3d25l+X733aj+InjqP4bt4dkutPnvIdY1SHS1aORY/Jkk+621vvL96vm/wASeKNYuPhro99dXF5r19pfxQkhtVubjdJJHHu8uNWatLXPEGn+KPhL8Ndas2l/tC48cWbaktzM0jQ3XmSeZH8zfKq/wr/d20uUD6y+zqreWzfMv8P8W3/drzv4e/Fi38XyeMI9Xjs9B/4R/Wm0lZ5Lz93NtX725tu1v9mvndtS1i88VW+vLu/4TRvig2mtJ92T7H5e3yf+ufl/w/dqjp/jb/hDfix4mvNXtbW+8Br4+uP7SZvmaG4ZWW3kZf8AnmvzN/vL/srSsI+yJPEehrrkeivrWnrrEn3dP+1L5zfLu/1f3vu/NUNj488L6p4kbw/a+INPudaXd/oMc26RvL/1ir/eZf4l/hr57hurjRv2nIbjRNQs/FGg69rTNeafuVrnTbqO3/4+I9vzeX5f3W+6yttavPfhvqX2/wCL3wxvtN0nVdP0Oz1zUoY7GSzuJvsvmf8APSbb80jM25lX5VX/AIE1FgPraP4q+EZbq+sbLWo5761huJNy2s0ka+T/AKxlZV2ybW+8qs1eK33xS8UWfgv4O6lZ+No9cm1zxI2m6hfafZrDDeQtN93bJGrfLt27vl/9mrD+GdheeGfiRrkOgzX154LvNP1K8uNPu7WSSbSbhty7Y22/N5jfd2/eX/d3Vg+F/CviJfhH8FdJl8L6819ofiqS+voP7Lm3W9v5m7c3y/xbqLAe+eH/AItafofiT4uapqniTVdX03QZofM0n+y/L/smP5lby9zfvP73y/w/NW94H/aE8K/EHxdpvh2ytdYtrjVNPbUtPudQs/Jjuo13btvzbv4W+b7vytXi914P8TXl9+0Z5HhnV2XxQqrpP+i7ftTbmVvvfd+9u+b+GtD4c/DTxhpfxQ+D+rXXhu+ttP0Hwv8A2XqU8jQ/uZmWZfu+ZuZfmX/vqoYH1cqr/dqTavrUMbfLuqZd1ICRVoji2yVG0vlSKv3manfaFVVagCwu2pNyqtZ8Mvlbm/ip0lw0sLLt2NQBpL8y7qbJ/C1VYZWVVX+9V6Nfl+akAn8NKv3aX+GoFlk8xlbbQBNJu3bv4aFbdUPmtuVWqaNfl+VlpgG7d8u2pI6hVm3NUe6RW3M3/AaALytQ21fvfeqmzM3zKzU5tyqv7ygCZrhV/hZqczVVj3MrNuqwv3V3UADNVdrj5atbapTfeoAVZd392hrpdv8AtVXZtq/LUPzSs1AFhZamVvl+aqq/KyqlOZtrbaALDMu2o2uF3fM1RyNtX5vu1Tb5mZqAJvtDeYy/w05Zdq/NtqFf9Yzf7NG7bH935qABpmbzPm+7Un2hVX5mqizbVb+9RI27bSAvbty/LSVFbtujX5adu+X7tMBs0qr96oWulVfmqOZmlkWqsyt93/apXsIkvLzdb7ot33l3f3qj/tKF2b73y/e+WnNE3l/MrKtRw2/75pFX5du2q3GC3Uax7l3bd237tEnzbWRmX5qhmt28uP5flaTatDecqr+7ZvmpAWJrhYlbctR/aFlX71RzRNL53yt833aj2zLJ8q/w7aAJGuNu1f4aId32j725ajWKRVjbbuZfvLUMd/H/AGpJa+ZF9qWHzmg8xfM27tu7b97b/tUAakn3ao3ErL8tNuNZs7e8t7OW8tory43NDbNMqySbfvbV+81NupVZl2/eoAha6+bbt+Wqd03mq21tvzVi6f4+0HWdebQ7W6l/tZY5Jvs09nNDujVlVmVpFVW+Zv4a0tS1Kx0bT5LzUry20+zjbdJc3cyxxx/7zNQBNNcfZ2+aqd5eNK0f3l3LU0dxb6tbw3VrcRXNvNHujngkWSORf7ystY914g0ez1q30e81bT4NWmX9zYyXCrNJ/ux/epAbEN03k+Xt/h+9RDdeVDD/AHm+WqvzW9Z914j03S9S02xvL6C2vL6Ty7OCRv3kzbd3y0Abklx8tR/bNu5WWqNnrNjqkl4tndRztZ3DWtwq/wDLOZfvK3/fS05l3SMy0wJo7rdJtqxWfGrLJxRdakthDNcT/LDDG00jfe2qq7moGXpm2rVGO4XzpG/i/u1jx+OtJ1K+0uxt75WvtUtWvLWBo5FaSHbu3fd+X738VTa1q2m+F9JuNU1e+i0/T4dvnXM/3V3NtX/x5qANhbiTbTWvPmVVXdXL+E/iD4b8dSXS6DrUGqtaqvnLArL5e7dt+8q/3WrpGX5Vb5WpARzXG64b/ZWrVncfwt8ny/LWDea9Y2viSx0OWaRdUvoZLiGPyW2tHH975vu/xfdrajiZW3fepodzSjqO4uPK+78zU2Nm21DNuZqoY77Yyr8y/NRDf7vl/i/irHk8Qae3iD+wftS/2t9l+3fZlX7sO7bub/gVXFt9u5qVwLUl0y/Nt+WoW1Jm24oW3aVdu75lprWbL/vUwLC3TN8u2mtJt3U37PJt+9TWtW8v5m+agCGS/bcyqv3ajaXzY1Zl+apo7VlZv71DW7LQUiFrqSJf9mo47jylkZasSW/mrtX5VqG4s/l+X7tAMw/EnjKPw5ZxzS6fqepLJJ5e3S7VriRf95V+6tef3154guvi1fTeGltra+vPCsM23VFkjZds0m35V/i+b+KvVGsP9ra33qz/APhC9NXxMviJmuv7YWH7Osn2pvL8n/nn5f3du75v96lcEa1nax29rHGkMcCqv+rjXaq1DM21quK+2q8kW5t1MZD5sm5VWrCtupqxfNup/NMRWuG2q2371U/tjfdZV3fw1ekXfULWCs27dQBDJcMtQtcNtqw1rtqPyvl27fu0IZDJcMu2q7NuZm27/wDZX+Krklru/iqP7Gv95qGB4/8AETxHqF5pvh++1Lw/faDpum+ILO4vPtckMitH8y+Z+7ZvlVmWvTLr7L9s09bjy2kkkb7K395tvzbf+A1pSaXDLDJDOqywyL5ckci7lZf7rLWPpfgjQ/D7M2m6XBZ7l2/u933f7q/3V/2VoQHM/B+4ZfhnoKt/yzhaH/vmRl/9lrsPNZmVqbpfhnTdDt/JsLOKxt927yIF2ru/3atfZ13UMaIWZqKma3+WikUex1FN/DUvNRSRbv4q0ZicXo/gG30nx9rHixdS1CfUtWjWG4gk8vyfLj/1aqqru+X/AHqy9S+C3hnVo9eW/hvJ/wC3NSj1S6/0xlZbiP8A1bR7dvl/3fl/hrsLrVLe18QWukxLPc30kfnSRwR7vs8P3Vkkb+FWZdq/xN/drL8TeINUsfE2h6HpFjZ3lxqENxcST31xJGsMcLR7tu1W3N+8pEnP2PwJ8E2elx6auitLp8N82qR20l5cMsd1/wA9P9Z96r0fwZ8Cyszf8Irp+6a4+2SbvMbdcf8APT5m+98zfNWhD4ta68dTeHbPw/qdzZ2+5brXf3a2UMnl7vL+9uZvmVf95qp/Fb4gx/CXw/a69caf9u01ryG1um+0eW1usjf6xV2tu2/N/d+7UsDaj8K6LFrza4uk2K6xt2tqHkr5zLt2/e/3akj8L6Hawt5Gh6ZEsjbm22MPzN/eb5fvfM3/AH1XO/Gb4jW/wq8GrrC2sep3V1dQ2dnbNI0ccjSfxMyr91V3N/3zXafb7fTY7GHUrzT7O8uNsaxtMsazTfxLGrNuanawE1jYWtmu6CzggkZfLZo41Vtv92tBbiT/AJ6N/wB9Vwd58TdF1Kbxdoth4i03StU0WHbJfXc0bRwyNHu3bWb5ljbbu/2vlqGPxRrC/F7RdDbULa60W88OzagywW6r5kyyRr5m7c3ytu3Kq/3v4qTEdoyr5zMrSbm/hqxM25VjRW3NVHxBZ6pf6a1vo19FpV5M21tQkhWZreP+Jo42+Vm/3vlrm/gvq+uat4b1Rtc1KLXPsesXVnY6tHHHH9st42VVkZY/l+9uX/gNSB2kK/e3fe3VaVdrM22uP8deI5ota8M+FbC4ktdQ8QXEnmXMf+st7OGPzJmX+6zfKqt/Du3Vyfxs8L61F4Z8QeKLPxprWi3Gj26yaPp+m3DLbL5aqqrMrfNNJJJ8vzf3lpAexW7bI/8Adq1GzL8zKyrWbo8WoS6fYyXsO3UGt42uljX5Vm2r5ir/AMC3V474H8TQ+D/iB8VreC1utX1C68QWcNjpsdxummZrVWk2tIzbVXczN/Cq0Ae2TM0sy/L8zLuVf4mp0as7R7v4a8vvrWGL9pLwnfTwwWd5N4X1Brplk3Ku2SH+L+Lbub5ttSXHxuaz8P6T4ufQ/wDih9QvFtV1Jbr/AEuNZJPLjuGh27fLZv8Aa3bWWgD1D7Pt3N/eqTymrzOz+JnirVPH3iTw/D4X05bHw/eW632pXOqbf9Hkj8zzFXy/mk2/NtqjefGrVrHwPYfEI6fYS+C7i4VWtlaT7fHatN5K3G7/AFf3vm8vb91vvUAewKrLIrNUOqeKNL0GS1hv7xYLi6/497ZVaSab+9tjXczf981k/wDCy/B//CTL4f8A+Eo0ptaab7P/AGet0v2nzP7u3+9XgXg/4m+JtB8H658Xr3S9O1Wx1TUm85WuJFvbfT45vJWOH5fLVY23Nt/i+9QB9Ut8tcd4r+I+i+D7m5+2/bblraKOa8/s2za4+xxs21Wm2/dVtrf7Xy1FN8X/AAna+KIfD8+qM2qSSRxrbLZzN80m1lVm27V+8v8AFXHfC3S9TX45fEqaXXbi5SGbTVkj8iFVuFa1barfLuXb/Dt27v4qAPR/BPirTfH3h2117SWll026aRYWnj8tm2syt8v/AAGugVfKr5z+HvjC80H4V/DbQdPmayu/Eev3lkb5UUmCJbiaSQLu+XzG+6v/AAKuj1rxB4k8PeKPGnhGHXr+6t18Lya9pupT+XJd2MisytHu2/MrMv8AEu5aAPa1iVv71N8j5tv8VfPlrrXiLwv8MfCGtXni3Vr688WTaXY3lzcsvl6es3zNJD8vytt+Xc38TbvvV3NtHP4f+Mll4VgvNTutC13Rri4mtrm/kma1khkVfMjkZvMXdu2/K33vmoA1dM8eXWqasy6R4dl1TRIdUbSbq/julVo5l/1knlsvzRq3y7t27/Zrt5LVlZdyt/s18z6LK3gD4H+Lta0m4uYL7/hIrjT5rxrqaT7LbteKskm3d95V/wCWn3v4t1dWvgmTRx4hlt/EsKWWqeH7iSPSNJmuFjLRruW8WRpmZf4V3fLu3UAe0zRbV+61c1r2veIdD0jxVff2dp8iafC1xpqfaJF+0RrHubzvl+Vt27btryLwfolv4cj+CGuRTXX9ratttby5nuJJvtEbWrN5fzNt27vu1ueG7OGw1L48WsC7VjZdsbSM23dYs33m/wBpmoDQ62H4lXNr4P8ACvibVLWCHR9UtbVr6WHcrWM0yrtb5vvQ7mVf7y/K3zV28n3m3r8y14v4qZW/Y5mbcrf8UnD/AN9eXHt/8errtNl8fS/2L5DeG10v7La/aGvvtDXv+rXzvu/Lu+9toEZfxk+KE3w+s7GHTbOO+1K4urdZmk/1drbyTLH5jbf4mZtqr/ss38NelTRLFNIqr8qs1fM3xo0Xx9o3gXVbnUT4buobzXLO6muLZrhrpm+1Rrbx/Mu1Y4/lX/d3fxNXs2qWXxEvLy0Nrr3huxjWOP7ZG2lzTbpv+Wnlt5i7V/u7qALsOvWtrrniKS48SaZJY6fDDJJaL5atpvyt5jTSbv4tv8X3dtQ2fxG8L6zrFvpeneItNvNUuN3k2kc26STau5tq/wAVefR694f0j4zfFptR8qbS/wCytPmuIVh8zzmjWTzl2r/rJNzR/L/easrwX4gh8YTat4gur7zfH3ia1m0/T7SPc39i2vlyNHGzfdVvlVpG/vMtAHq1r8RvDeoa1DpdtrVrPfTM0cMa7ttwy/6xY5NvlyMv91WauJ8I/ECbS9Y+JjeJtakn03Rdat7O1ka3/wBTHJDGyxrHGv8Aek21w8azeMvhD4D8E2tndaf400XUNPW4t57WSNtP+zyfvrjdt2+Wy/xbvm3Vk6pb+INI+M3jLxlo2m6nqtnY61DdLokmnzeXqEbW6wyTW7bf9dG33W/u7v8AeoGe/a58SPDvhmPdezXistr9umjj0+4kkt7f5l8yZVXdGu5W+9t+7VXxR8WPDXhG4uY7+7uG+yW8d5eNaWsky2MMn+rkmZV/dq1ec/FRv+Eg1aTXvDi+JdD8SR6Kv2O7j0maS21JWaT/AEG6haPbuVl/i/56Vk/E7S/GHiq38V6Td+E9TZr7wzbrZ/2AqraXF55LeYt1NuVm8tvljj+7/stupoD1jxJ8RtH8OXF8txHqVzHZ2q31xc2VjJNDDCysys0i/KvyqzVVt/iro+pabo9xYWup6nNrELXVjp8Frtu5LdfvTbZGXav3fmZvm3Ltrz/xM2veOrfwjoepeD/EFj4Rjt4brXFjt1kkvJI1/d2rbW+Vdy7m/wC+a1Lq38RWvxO0vx4nhm+bS5NNm0O60uBY2u7WNbhpLe4WPdt2ttXcqt8vy0mg0Ifil40s/Fvwt0nxB4c1a+gjh8QafbzLHJJbsrfao45re4j/ANn+61ObxVH4I+NHxM+33GoXlnHY6XNb6eszTM00jTL5dvGzfeZv4VrF1r4c+IJfh74oaw0WafVvEHi6PxAulrJCv2WGOaNtsjM23cyw/wAO75m21V+IHw38WeIPi9rXjjRNNutM1CzsbWbRbme4t9sl1D5nmQzR+Z/q5Fk27v4aYmena58S10Ga3tW8O6rc6pJp82qSaerQq0NvG21mZvM8vd833VZmrH1T47afbr4Vk03w/rWvN4ms2vNN+yRxr5m2PzPL+Zvlb/x2sfxlYeNPGGteH5LrwvA2kzabNDdaJc6pGsNvfM3yzSMu7zo9v3V+9/s7qwfBfgjxtptn8I2vdDtf+KTjurW8aDUo23RyQ+Wrf738W3+7/FupaCIdD8eX3gjx58ULy18G69qsLf2bqV1YxzK0ljG1ruk3eY3zNuZv3a7vutXplv8AFKz16bS7fwlYt4lutQ0tdYWP7QtqsdqzbVZmZW+Zm+VV2/wtWTeeH/FGh+PPGGraRpdnqdn4ktbWGOeS88n7LNDG0e6RWXcy7W3fL83y1k+H/hPqnwt1zQdU8L/ZtahsdDXQdQsb64+ztMscnmRzRttZVbdu+Vv4WqroaMvxd488N+KNW+EvjZJv7Pt7fXLqzvGvm2tZ+XbzeZHJ/D8rLXYap8XJtD8Hw+INU0WPSIby+hs7Nb6+2rtkZts1w3l/uY9vzbfmb5v4a4XWPgXfat4X0PR3tdI1OFfEF14g1hZ7iSOOT7QsitDD+7b7qyfKzbfu1vaL4N8cWHhH/hG9S/sPxBZ29wsdv/aU0jNeaf8AMv2e4/c/6zbt/eL/AHVpAdFqHxG1iz0mxmbw3FBdXF1cQyTz6htsLWGNWZbiS48v/VyL935f4q5uH9oKTUvDPgnVtL8M/bm8SalJpbQNqCx/Z5laRflbb8yt5bfN8vy1h2PwW8QaHpujx6XeabFZ6XrVxqUehahJNcWUMMi7Y4Vb7zNG25l+XbuanaT8IPFWk6D4f0/+2NHvP7H8TSa5DJ5M0e5WaRvL/i+80zf7vy/eoAtah8ePEmm6P4ovp/B9mq+E777PrX/E0ZlaNtrK1v8Au9zNtk3fNtrqNS8fWeh/EzVrfUdHtba1s/DLax/batuuZLdZPmjZdvyqvzNt3NXO658Kte1bT/iZp7ahpUUfjCSPbJtmb7LtjWPd/tfLGrf71bF18MbzXvF0epavfWM9jN4bbw/fWltHIrTLI25pFbd8vzfdWkBx99rOrat8TvhH4i1TT9M0+x1KO+kt/szM1zHG1n5ixzM33vl+b5f4t1bVv8ZL5vD+g+MJdPs28G6xfLZr5bN9ttY5JGhhuJP4WVmVdyr93d95qrw/B3xRbzeDYb3xdY3mn+FZpPsf/Erb7TcQtD5O2ZvM27vL+X5asab8HptL0Wz8LvrEdz4Nt9QXULexa1/0uNVk85bfzN23y1k/i27tvy0DLXjK/tdD+N3hW+v7iKzs4fD+qfaLmdtscarJbt8zV0UereGfH2ktqGl/2b4zj0+RvLhgkjkj87b935v3attb7zfd3Vx+ueINP1n45eD7ezuI76aztdUt76NY2ZY9yx/K3y7f4W/75rstasNSuLeGPQdSg0G4W48yTdp6zRzL/dZdy/8AfStQBx/7PctuvgW601NPn0i+03VrqG+0uf8A5c5mk8zy4/8ApntkXbVH48WFnpfh+11Q+GWvrGHVrfVNW1S0aP7TarDIv7xVb5m+6q/L8qrura8SeF9Y0nwXr0fh/VLqLxNqV0t42pQW8bNNcfKu3a3yxx7VVf8AZVf4quap4P1TxBdXljqXiSSfQb6NVuNLWxjXd8q7o1m+95bN/s7vmb5qAJtQ+IPhew8SQ+H7zWIo9WuGj8u2VZGZvM+Zf4dv3a8p1TxHq3jCH4X+KmuLWPR77xNH9n01bf8AeQxss0ce6Td8zMqtu+X+L/Zr3S4Zorj5du1V+VdteV/8KPhtY9Ps7fxRq9nodnqi6tZ6XGsLLazKzNtWRlZtu5m+X+HdQBm698S/FlhoPjKaJtKe+0XxNDpa7rVvLa3k8n/a3bv333vmqPXvFXj7Q7jxxp/9saPLN4dsY9Yjuf7NbdcRtHI32fb5m1V/dt+8+992ui1D4QQ6lb+JoZde1JY/EF9HfXSxxwrtkj27fL+X5f8AVx/981avPhuura1rl5c61qDSaxpq6bebY4dvlqrKu3938rfNJ/31QBzOufELxRrmoXFn4Stdt5a6XZ3yqywtHNNcK0irI0kisse1du6P5tzN/dpuk3/iSX4keNpl1LyLpdDsbqGxkhjuIYWaOZvL3Ky7lWTd8275t1bWqfBbTZZNHmg1rWtM1DT7NdN+3afcLDJdWq/djm2rtbb/AHvlar0ngPTV8QLqlncX2lTLp66b5dpNthaGPd5e5WVtzLubbu+X/eoGcnpPiC68Tah8E9cvWWW81CzvGmZV2r5klmrN8v8AvLXcaD4t0Xx1NJb29rfM1myzbdS0ua3Xd8yqy+YvzN96svTfhjp+l2/hmG31DU2h8NtI2n7pI/4l8tlb938y7dy12i3Enys0jMy/Mu5qBHD6LqVrpbeMvFU9vdz282qfY447G3aaTybfbbrtjX5m/eec1Q/8JvN4t8XaPoOl3WpeHLe60u41Bpp7NY7tmjmWFY/LmVvlXczN8vzfLXZeHdDt/D+k29jZtJ9nt1ba0jbmZmZmZmb+8zMzVT8QeD7HxNeabeTzXVtqWnszWuoWM3lzQ7l2su7a25W/utQB4n4k+KWpWsfgvxFqVms+pae2uaTdNbL+78yPbG1xt/hjXy/MZfm+61dp4617XvCWg6LMmuanqultazNfazpcMMk0bbV8u48lV+a3Xc27au75l+auok+Gmg+ZobLHcxLpLTNbqtw21mk3eY0n/PRpNzbt33t1UbH4VaLpcdjY6dcavZ2tms0MKx6hJ+7jk2+ZGu7+H5V+X+H+GmMx28aat4tk8Wf2J4iaz/sHSbW8sZII42hvmkt2maSRWXc0bbdvysu35v4q6TRfihJqmn6XdN4T8Qy/bNPhvmntLHzLRWaHzPL8zd/wH7v3qtXXwv8ADt59nVLWbT/Js/7NZdPuGh861X7sMm37y/8Aj1dFa2a2cawxN+5jVY41/uqv8NIo8J8O+KF/4XBoN5caLrkGratpd4t40+myR7pmmhZVXd/yzjVfL3fw/L/er2Lw74obXlm36DrWhtCy/Lq9qsPmbv7u1m3bdv8A49Vq60mzv9YsdSlh3X1iskNvPub5Vk2+Yv8A5DWtBl/hpAWI2/vfLTptrR1V3VHcbvL+9TQEzXHzKv8A49UjS/u938VZ8bf3qkZv3K/3aoZYhbctSMyrVW3b93Ud1cbmj/u0DLUm2qsku5tv+zVVpfl3eY1EcrbfmoAk3fMq7aJJf3m3dUat8vzVHJu+9SsGxJI38VQ+ay05lZo/mqu1MC19o2rup3nVVZflprblpgWJH2/NULXDeYqr92i4+Zaqr96gC19oVv4lqP7QrfxVXWL5vl+9TZLf7u1aBljzV/vVHJcVCy/w/wAS01v91qAJmuF2q2771NaVf71VdlO20AOaf5v9mo5LhdrbWprK33ahkiZvur8tA0WFuMLlm+ZqKr+S1FIo9t5pFoahfu1ozE8RtdZ1zRvHmva8t59ps77xdHoNxpP2dWkaFbdVjZZN25du7dt+78zVuaX4juvE3xO8K3Fz4f1Xw4y6bqka22rLGsjf8erbvlZvl+bb/wABrsv+EN0tfFDa95cv25mWZo/ObyfOWPy1m8v7vmeX8u6sPxlZaxb+OPDeuaXprarDa2t5a3Ea3UcLR+d5O1v3n3v9W3yrUiZj3HhJfBHxS03WtBmumj8SSXi6tpclw0kM0iwtIsy7v9WyyKq/3fmqPxZ/a3jzwzpum+K/DsGgx3mtW9r9mXUI7zzI2hkXczKvy/errNF8EaD4Z1C+vNL0uK2vLxmkuJtzMzMzbm27m+VWb5tq7ata1oOl69JZ/b9Ptb5rWTzoftMfmeW395f9qkSfM+vS6pqnwb1SHxDuW48Ftb+G1advlmmW8h8yZf8AtjHbru/2mrqviU3hvXvid400fxlr11pkdxDYyaPHaQws15Cq7vLt5GjZvM87d8se371e5X2h6bq0bR3um2N4rSedtubWORfM+7u+Zfvbf4qsLpNr9os9tna/6Gv+jt5K/uf+uf8Ad/4DTuB8/wDi680mzs/j1pd2sEGoXVrDcR208O6T/jxjXd9373mf99NXSafrkN/8XvCP2PVI4pLjwTJb292sfnLDNI0LL8v3Wb5Wbb/s17dcNsjb5Vbd/s1Vs1kZZNys3zbm21LYzmVvLjwN4dupPGviC68X295Mtvug0NVWFWVtytHDu+Vv4mauf+H/AIBWz03xpDoN1qvg7Q9Y1SO802OxhWGaFVjVZmWORW8tZGVvlZfurXp0Py/vPmi+b5fm21ND5m6ZtrfN/wCPUrgeS33hm88L/Fz4X6lca5qevQtHqWkyX2qSK03mTR+ZHuZVVf8Almy/drU8WeI/FVx40jt4vhzrXiHw/pLLNbyQXFvDHeXn8MjeZJ/q4/4fl+9838K112vRaTeaPeR6tdWv9n27Kt00l0sf2eT5WVt2793Ivysv8Vb0Mq6Xp8lxe3UcEMa+ZJPdyKqqv95makI5O68A2PjebSdY8Rw6np+tLbw+dY6frFxHbRsvzbWWNlVvvbd38VeY3Xwr8aRfE7xZ480DTY9M16TVIZtLa5vIfJvLPy44bi3mXd8qtt8xf/iq960+9tdZt7fUNOuor6xuI/MhuYJN0ci/3lb+Ko9c17TfCWjtqGs3kdjZxyLG08m5l3M21V+X+81Azi5vCOva98XNF8QXmk21npMOh3Wm30f9oLJIrXG3d5e1fmVdv+z96sPS/hB4ij+Hen/DXVpNNn8L2N1Gy6tHM32u4tY5vOjh8nbtWTdtVm3bdtd9qXxL8L+GdBt9c1bWItP028Zlt5J4ZFkk2/e2x7fM/wDHa6DT9UsdesbPVNNuor6xuo1kt7mBt0cit/EtAjk/Cvg3VrD4jeONY1FtNn0vxJ5LLbQSSefGsMfk/NuVV+Zf++a53R/gzqVr4Jh8A3+rWd14Jt7pZIf3Mn29rdZvOW3b/lnt3fLu/u/w10njT4xeEfh9qn2HW9SngmVVa4aCzmmjs1b7rTSKu2Pd/tV3Fv5d5b281vNHPbyKskckbblkVvmVloERra263jXiWdqtxu3eYtuu7d/vba89X4LxxaXfeHRqjL4Lvrxr6TRvsv7yPdJ5klvHNu+WFmXdt27vvKrVsXnxS0XSdSvI51vG02zvF0+81mONWsrW4b5Vjkbdu+8yqzKrKrMu5qua143m8P8AjTQ9DvdDult9YumsbXUluIWjaRYWkbdHu8xfutSA6xbiRVZVZlj/ALq/Ku2uR0PwH/YPi7xBr0Guag11rnl/aI2jh8uPy12xtH+7+Xav/fX8VTfD/wAb/wDCfTeJIV0u50qbQ9SbTZoJ5FkZmVVbd8vy/wAX95q6xbVpZNyqzbf4VoA87tfgzotv4Hh8Ly3mpXNnb339oWdzJNGtzZ3HmNJ5kciqv8TM3zbvvVvQ/D3T5rfWFutQ1O+vNWt1tbzUp5lW5kh/55rtVVjX5m+6q/erqls9y/6tm21R8Sa9pvg3w/ea1qsy21jax7mb+Jv7qr/eZqGBjw/DnQ18Fx+EZ7eW+0COFYY7a7maRlVfu7ZPvLt/h/u1b0Lwdpnh2aaWB7ya6khWBru9vJJplhX7sayN91f92tm81LT9NhjmuNQtbaGRtsck9wsas3+yzNTb64s4Wh+1XVtB5zfufMmVfM+Xd8v975fmpXDQ5/R/h34d0PTb6zstLRbG+ZvtVtPNJNHcbvvMyyMy7m/ib+Kjw78J/CPhfRdQsdN8P2dpZ6gu26jXc3nL/dZmbdt/2fu10Gi6tpuvaet1pd9a6hZs3lrPaTLJHuX73zLVDxbDr81jDa6BNb2NxMzLJqF3D50dqqr/AM89y7mb+GmBUX4d+GYodPVfD+ntHp7brVWh3Lb/APXP+7/wGrUfg3QVW+mXQ9OW41D/AI+m+yx/6R827958vzfN/erl/hX4m8Rahqvizw74oNre6h4fuIY11Kyh8mO6jmj8xdy/wtt2/wDfVP8AjxrmreH/AAJHqWi6pJplxDqFnHI0aq3mRyTLGyszL8v3v4aB6F/WvBFrq1na6Stva2Ph+GRbq4sbaPy1uJFbcsbKvyrHu2s38TbdtdM21lj+aqcnjDRX1jVtNW6/0jS13X37mTy7ddvmfNJt2/d+b71Ymg/FTw14i1JLG1ubpbiWybUbfz7GaNbq1X/ltD8v7xf/AB6luI6GRVXaqeYzf99U6Ft00n92vJPGnxc0Txv8PfEsfh2616C4j028mh1Kzs5rdY5LdfmVpv4W+78v+1Wt4C+Mujak3hbQ7qPVLXUNU0+P7He39m0dtqEiwr5ixyN8zNu3f71OzA9NZpFX5ZGX/gVZs0sywsrtKys38W6uT1j4zaLpdrNqUljqUvhu3vP7PuNdijja0hm8zy2b73mNGrfK0irtrjbrWbXwl8cPHV48ks8beHdPmhtlmaRriZpplWOHc33m+Xaq03cD1qS6k85lbd5e35aazNuhWRvmZvlXdXMan8QJNFuNB06XQ2j17Wlme3027v4Ydqwqu7dJ8y+Z8yqqrWZqnjCzvPEnw1/tTwfcxahq1xN9hubuRd2lzeS3mKy/eZtq/wB3b81IDuJLqO1W6Vpo/wBz8037xV8n5d37z+78v96hdStY2tYftlt51wu63j85d0y7d26Nf4l2/N8teM+HWtfC+sfHxrfQ4tTsbe6huJNL3LGsytY7pF+b5fm+as3xN4o8P6H4m+CPjC6t7Xw9ps2l3jSeWq/uYWs42jhVtvzbd21Vpge9Krfwr8rVHcRSNCy7Wqn4Rv8AXNS0lbrXtLtdIuJvmjtIJmkkjX/ppuXbu+78q/drz34ufGLVvhq2qXTafpi6bp628kMF9M32nVlbb5zQ7W/drHu+8yt8392izHoelQrJ5LKq7ao2+rWcusXmjxXkTapawx3E1orfvI45N21m/wB7a1cP40+LF5o3xCm8L2VxpWmXX2W3uNPg1uNlXVmkZvMWGbcqqy/d2tu3NUmseMvEUvjz4geG7T+zdObTfD8epabqC27SSbmaT/WfMv8Adb5fur/tUcrEegSW7edG237tRrayL/wJt1cn8BbjULz4O+D7rUryO+muNNhmjZYfLZY2jXarNubc33vm+X/drvqOUCj9nby2Vv4qhhiXyfL3fNWg1R7f4qVhlFrNm/2aatqzSLvb5V/u1oU1loAo3lq0vyo21ahj0vavzNub71aDUtNIRnfY/vMzbmptnb/KzNu3NWg3eo/utTsBTktdzNuqrJpvm/8ALRvlrUamt92kMz2tW8uOPzJNq01rNf7zVcb5aa3egZntZ/eVt3zU1bXym3fNV7dUbd6CSjNb7m3NVO4s900e3dtWtaT7tQstAyn9l+b/AGaja3aKb7vytVxv9mm/e+agCnNb+b96q/2NVX+9Wg33agoGVls1/ho+zx+Zuqw1QyN83zUARr97b/DTtq/w1GzfMtDL/FQPcNqtRHFHup38P3abu3NQGxYki+ZWX7y1Mtvuohqbdsp2GQrax/3fmqRrdaczLUczfLRYCGSL722mra+avz1IzbdtTR/dNMCv9nWiSJdtTM3y1G1MZX+z7fu0eWrVPTKB3I/scbfwrTVtV3bdtTM1N3UguVZLfa3yr/wGholVfmqZvm+aqrN5rNu/hoEDbVWo9q+tNX5maoVZmbbQBNtX+GhlWoWWRW/ipq+Z/damMsMtRsq/7NOj85v+WMn/AHzR5Un/ADzkX/gNAyPb83y02RflqTa277rU2SKT7u1qAKclv826pNtEnyr83y/8Cpvmqq/6yNP95lpANkX/AGaj2fLTZr+1iX57q2X/AHplWqs2uafF80upWMX+9dRr/wCzUwJmi/ioVazZPFWiq3za1pn/AIGR/wDxVRyeMNBiXc/iDSol/wBq+j/+KoGazUVzrfEHwuv3vFGi/wDgwh/+KooC59A80zY1LTuatmZylx4wsdS1K602w1rT7a80/Ure1vPtLK3mblVmhVd33m3bf97dVyHxV4fult5otY0+WO4kaGGSO6VlkkVdzKrf3lWvJPFTWEfibV4tsS36eONJuARGQwRo7bncO/3vzPrTrjS5vDevfES0msYrrw9oNndazaWLMFSVr2H5ojj5gN0d1/38qRM9Z0HxNovii3muNI1K21OOGTy5GgbdtbbuX/x2sPxRrOqab8RvA+n29xEul6pJdR3UHk/vJGjhZl/ef3f9la8i+EOrTeONW8Y2PhnxhJY3rrp15/aSaYhUQpA0TxJE4UIiOQq/ebav8X3q73xprNro/wASvhLp+oag1xemW7Vrp4dpmd7byg5CDC5fniixJ6Vq1/Z6Dpt1qV/cLbWNnC0007fdjjVfmauXtfinouqWd5cWseq/aLO4htZNP/s9lu90y7o9sf8AdZfm3VkfETw94g0PSfF/iCz8QX+sn7BPJb+HNQWBrCLJUDCFfnCHcyh2ry3RPE+teGYfiFqPh/SNRurrWodOl0+81O8hd9zxMhlkG/rhmcL2Cqo2/dpAeu2vxs0O9huPs+n6xJeR6kujx2jWqxtNeMrN5Kt5m35VXczMy7a4/wAdePrPXLz4V+LNLtdVuW/t66sW0uD/AFzSRwzK0LR7vL3eYv3v7v8AFtqlCupWvg3QdG8KeHr6fw1p95AupCS7ht73UA4mMrq4l+UvL5ZLblbDMv3aj8I/Dfxj4Z8O+EXfwxEp8NeJr3UF0601CFpJreUTIPLZtq/IZFG1mXcFoA6fVPi54f8AFXgOa81bwrqUv2HXrXTdQ0a7ZY5LG686Py2kZW+ZdzK3y7q7JviZJe+OtQ8P6bpceof2bfW9nqEn2zbcw+Yqt5yw7W3RruX5ty/xf3a4LxB8M/EuteFtdltdOhk1/wAR69Za5PYG6VBaW8JiKI0n3WcogJK/xP8A7Nanib4X614u+IWma9JplppN5Y6rDPZ+I7a723BsVIMlrLGq/vNxDr83y7Sf+BSwOS+Kms6X4j+EvxYZvC9rod5peuW8NxJujkkuLjzLf/SGZV+Vtsm3/dr16x8VXHjrSfEF9FY2Mvg9reZbO7ZmaTUNsbbpFj27fL3Kyq38W3dXn+ufBfxd4g8M/EjR4o9Gt/8AhKtZj1OGWS9kZbeJWj4ZfJ+Zv3Sf99/7NdD4R+GfiXwOnijSdMudGHhbVBI1jp8sszNptzJHtlEbeX/qmk3NtpAY3wn8ZXWn/Df4S+EdKW2XWtY0Nrr7TfRtJDa28P3m8tWXzGZmVVXcv8TVD4w8eXni3wHrWk6zZ21n4g8P+LtL026+ybvJm3XUMkc0e75l3L/DWto/wV1jQ9J8AXFlrGnReKPB9rJp6TvBI1pfWsgw0ci/eVsfNuX+KqvxP8JxeD/h/cX17dpdarrHizSdQv7tYzGjt9qgjWONPmwiKAAG7kmgD17xguoRWuoahoei2eteIPJkt7eO7mWFWVv4WkZW+Xdt+X+KuR/ZzurG4+Dug2tnYz6Y2mtNp91Z3P8ArI7qORvO/wDHmaul1jTtc1y+sdR0DxTHpunMhSS3k0tLkTknIkDuyurKPl/u/wCzUcPgFbDwvaaLpGraho6xXi3kt9bOhuLtvM8yTzGZf+WjN81AFb4iWsP/AAiuqeH9Ns4G1bxQs1rHbbf9ZJIvlyXEn+zGvzM3+yq/xLXXeGdBh8M6LpOj2/mS2um2sNnGzL8zLGqqu7/vmuF1r4G3mueLtQ8SL438V6VcXQWDytPuYIooYlOVjX5N23HP1rqLT4dx6bP4cMd9qyJoUc0aRNfkrdeYmGkuP+ejZ3P/ALzUCPnezZv+GKfGTXqt9umuNQW4VvvNdNfbf++t22vU/GsU8XiD4Jw3O77VHqyrNu+95i6fJu/8e3V083wp0BtSmvJUuvs1zeLqUumeeTYSXin/AFzQ/wB7cqn+7uXdtrkPH3iSPUvid4Ht0tbpbbQdTkvr3UJBH5Rja1kj4AfzGbc392gDzXXdGlXwx8dfEkGr6pY3+j+IJriy+xXjW8KSRxw/vGVfvN/D81dr4kuLr4k/FTUPCeo32nWdvH4ftbyztNSjkbzmm3edNGsc0f7xflXd823b8u35q0rq1+EdjYaxY3d1K1trM3n6hDNPfutzJ/ekx96qXibxn8C9etdLs9fls9UXTk8qzNzZXkksaf3fMKbmX/ZZqQGHd+DbXUPGvwh0XUvEd54ptWs9Us7i8a4mhW/WFflXarf7y7lb5lX+KsjxR4bj0P4a/GLR4VWfw5pOvWP9mLM3mLaszQ/aI1Zv7u7bUPxC+LngHXviN4CuIIY9S8M6JDcQzRrBJEqq6qkflx7V/wBWY938P+zXpNj8dvhf/ZS6JZwM+nSK6mwXTcRPn5n3K3ytu/2qoDN8fap4S/4Si40vTZtDsBa+Gbjbc3bRtZRQtI26O1t12q0zMrbm3fL/AHWrj9HXQfEmj/s8C8+wXckckltdLMI5G2rbt+5k3fwrIy/L935q9btfiV4WuJrV7XwpdXD2KeVCyWVoPsy/3UzKu1f92r9r4ys5vKjsPAGoTLEu2BY00+MIv+zmf5aQHKfDgXDeJPi3p3hO80nTriPW7eS3SSHzbdV8lfM/do397cvy/wAVdbrHjXUvhh4TFx4s1C11zWri58u0/s6ykhj2tt+8q7m2r8zM3/Aa1bPxJrXmeXa/D/UIm9TeWKD/AMdkq43iHxaF/d+Bpk/666vbr/6DuoEcl4H1nTvFGj63pfhbVrxdWk/0q+1+bTWVWupG+8scm3d8q7VX7qqq1znxo8P69pvwnvNPv/EGoeKNSvNUs2t5INNWGS3jjmjaTasK/wAKqzbmr0qfW/G0m3b4Psk/6+dd/wDiYWpkeoeO5Gb/AIpzQoF/7DUzf+29IZ5r4D1TXPC/h/xZ4PuNFudcvtPjuLrS9SaxkaHWlmjaRVmZl2+d821t33vu1i+EY9Zj+JXgHxHL4b8USW8ejXFpqEtzZ+XHbzbY/ljt/uxxrtbaqqu7+Hc1ewO/j9mXbp3heP8A3r66b/2nTLqPx+0nyP4VgX/bjupv/ZlprQDz7wT4f1q8+AXizw62j3mlatef2otvaXy+T5n2hpGjZWb/AHv+A1Yh8P6l42X4c2t1o+paND4Vmhvry51JVjaSaG38tYYdrNu3M25m+7tWu0bT/H/fW/DMK/7Ok3Df+3FNOkeN5G48U6HH/uaDI3/oVxTv2A8ssfht4os/hD4g+FculySrdTXFva+IvOj+yNazTeZ5knzeZ5i7m+Xb8zVX8d/BXXta+JF5rWj2s9i2k6PZ2+g6p9qh3LeW27bujZv9XIreW26vW18OeM2b954xtEX/AKZ6DH/7NM1MPhLxVJ97x9Ov/XLRbVf/AELdSA47xV4d1z4jaBpNp4u8B2OoQrDJ9utIdShWS3uv3fl3FrNu+Vf9Z8u5W/3qqR/Dnxha2vwrhluLfWpvC95Jdahc3d9tkaNlkjWNW2/vGVZF+b5d22u5m8H67JtD+P8AWkf+JobGxj/9otUbeB9Vb/WeP/EjL/srZx/+g29AjlI/AfiRdW+Kki2umLD4qVVs2a8k3R7bf7P+8Xy/7vzfL/u/7Vc/qnwJ1rxHpfw50vV4dDudL8N2MljqEbXEzfbI5IVhby/3Py7VVW/3v++q9G/4Vzcp/rfGni7b7ahCv/oMNP8A+FZxTff8S+Lpv97XJF/9B20DK3wt8OeJvCfhldH8Q6pa64tn+7s76FZPO8n+FZty/Myr8u6uP8ffAnXPGV548W38SQWml+KobeORZ9Paa5t2hVdsaybtvksy7tu2uyPwq0vvrHih/wDe8RXn/wAcpH+EugFv3j63N/111++b/wBrVQHNeMPgzrnjrS7zR9X1yz1PR76O3WT7TpbefZyRqqyTWv7zbGzbf+A/7VdBb/DG6X4jax4ml1LzbXUtJj0WTTfsbblhXdtbzvM+98zfw0n/AAqHwlu/eaddSbfu+Zql43/tanSfBnwVN9/w1ayt/wBNJppP/QpKBk/w38B3Xw58H2Ogz6tPq9vYxrDbz3NvHD5cK/Kse1f/AEL+KuikuI1+/NHFt/vSKtckvwf8CdvCmkyf71vu/wDQqkPwk8ER9fBmhD/f0+Fv/ZaVwN+bWdPh+/qFmu3+9cR//FVVk8W6DF9/XtIi/wCumoQr/wCzVn2/w18IWv8AqvCXh+Ld/d0uH/4mrCeCPDcf+r8N6KP9zTYV/wDZaQEc3xE8J2/zS+LNBi/3tUt//iqpyfFjwSrfN4y8P/8Agyh/+Krah8NaPD/qNH09P9y1jX/2Wp49NtE/1Nlbp/uQqtNActJ8X/Aq/wDM4aK3+7eRt/6DULfGTwL/ANDVprf7rM3/AKCtdof3P3dqf7q0rPL/AH2/76ouI4hvjF4LX7viCKX/AK52tw3/AKDHUMnxi8I/w6ldS/8AXPSbxv8A2jXbMz+rfN/tUvmSr912/wC+qLjOG/4W74db/VLrUv8A1z0G+b/2jRJ8UNL/AINP8Ryt/s+H7z/43Xa7nf7xb/vqoJM7eHakBx7fE7T2/wCYL4ob/uA3H/sy1HJ8S7fb8nhnxZL/ANwVl/8AQmrsNlR7aBnFt8RJG+54P8WM3/YNjX/0KSpP+E31CWNWTwP4kb/ejtV/9rV1zVGy+lBJxsnjTWP4PAfiB/8Aeks1/wDbimt401r+HwHrH/AryxX/ANrV13l01loGca3i3xE33PAOof8AAtUs1/8AalN/4SbxY3/Misrf7WtW9dhtqFvmoA5Nte8XS/Mvg+CP/Zk1yP8A+N1Cus+NP+hT0z/gWvf/AGmuub71N20DOR/tnxtu48L6Qv8Ava43/wAj0Nf+NJfveHdBRf8AsMTf/I9dZ/FQ1AHI/avGzf8AMJ8NJ/valcN/7Rp0beOpVbda+F4v+3i6b/2nXVLtpy0Acqy+NmX5W8Lq3+7dN/8AE037L46+99s8Kr/263Tf+1K6z5e1C+9ND3OXW38ebl3al4ZVf9nT7pv/AGtTmtfHTf8AMa8OL/u6TM3/ALcV09I1MZyrWHjhvveItDX/AK56HJ/8kVIujeNG+94s0pf93Qf/ALorp+aVaAOV/wCEf8XM3z+MrVW/6Z6Cv/x6nN4f8Wbl/wCK2j2/7Ohw/wDxVdMrfvNtP/ioA5aTw/4ob73jiT/gOj261H/wi/iR9u/x1fL/ALMel2a/+0665u9M5pgckvg/XG+9461f/gNnZr/7Ro/4RLVt3zeNteb/AHY7Nf8A2jXW80z60Acq3gu88va3jDxH/vLJar/7RqNvBdx/0OHib/wKhX/2jXVM1RstIDl18FzN97xZ4m/8Do//AI3UcngFpfveKPFDf9xRl/8AQVrraZQByK/Du1/i1zxL/vf21Mv/AKDUcnw30/8Ai1TxC3+9rl1/8VXXSN8tJQByDfDfSWXa1xrTf72tXm7/ANGVDJ8L9BZvu6m3+9rV5/8AHq7H+KmNTKRxv/CqvDrf8sb7/gWqXTf+1KF+FvhdWZm02Vv968uG/wDaldc3emc0DOU/4Vb4T/j0WOT/AK6TSN/7NUi/DfwnE25fDen7v7zR7q6ZmprNQBy7fDTwi7bm8L6QzfxbrVWqNvhp4R2/8ivo+7/rxj/+JrppGprN8tIDnV+H3hVV+Xwzo6/9uMf/AMTQ3gvw+rfL4f0hf+4fD/8AE1vbqb95mpgZMfhzR7dtyaPpsTf7NjGv/stTf2XZr92xtV/3beNf/Za0GVahZl+7QBXW1t0XaLWBf92FaKn5ooA//9k=)

В этих соединениях установлено, что β-лактамное кольцо защищено за счет стерического эффекта боковой группы. Но спектр эффектов довольно узок, они мало отличаются с точки зрения клинической полезности и их применение ограничено.

Метициллин и нафциллин получают взаимодействием соответствующих хлорангидридов с 6-аминопенициловой кислотой в среде бикарбоната натрия или триэтиламина. В последние годы при синтезе этих соединений непосредственно получают изоксазоловые кислоты, которые вводят в реакцию с 6-аминопенициловой кислотой в среде изобутилхлоркарбоната и триэтиламина и получают с более чистым и высоким выходом.



![Diagram

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4SAGRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjEyOjE5AAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAM4MAAAkpIAAgAAAAM4MAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NToxMQAyMDIzOjAyOjI2IDIzOjU1OjExAAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAADlkAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAYwEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A6AWcGeYUznOdvepBaw7QPKTA6Db0rM3FWyt1cOIUDAYGB2/yKmSJIxhEVfoMUwJAKMUAGKXvQApFJjpigYuKMc0ALj1qG4cxphRl2O1R7/4UAVzbTrukN4xwMqGAAH1x2q1BIJ4Vk2ldw6Ht7UASY70p4pAIMU1o9zZDEUAIYuPvUbAO9AB5YPekMY4yelADSg9aZ5Qx96gYxo+wNMKMAQDTAiYPUTbh1FAETPx0NRMf1oA3QtOxQSLil7UgCl4FMBAR60vGetIA4oyPWgAyOnNLnnpQAZPpVXUIkltW3naR9wjru7Y+vSmMguI7yW12SJGF43lJSWI78bRVtZI0gRkZfLIATaM5HbGKBEYvoSSA7Ehdxwp6dM/SrWM9zSGAUZxg07aPSgCC4LIoVMeY52rnt7/h1qBtItmIZlJPfODn86AHwIILg2wxtILR+w4yPwyPzq0VHpQA3YvpTCo9KBjCo9KjZaYETL71EwNICFh7VA4HbigDf2d8mlC89TTJF2fWjZxQAgX1oIGKADaN3Ip+0elIBCCDRtNMACe9OxhfWkA3DGq95DLJFvgb95GdwU9DQBBcXTyW4SNZEdyFLNGQFyffFWYrK2RAPLViDncR8xPrmmA/7Lb9ok9OlTfKBSAMjtS7h0NAyG7gFxbspIHGQT2/+tUFvPP9mjzbTOdv3srz+bUCG2ELbZJnP753IbPUYPT/AD7dau4OOaBjcHrTSuR60DIypHSo3U0AQPMiSpEx+dwSowe1RyyLGhZ+B9M0AQCSOQ/I6t7A0xxQB0OzjFJs5zQSAX5utOAGaYCkCm4HpQAu3PNOApANK80vFABxikJ4x3oArm6iUlTKu5TggHJH4UjXCZyN/wCEbf4UAEhSSB02S5ZcbhGePeqTWs37wIs7CQ4ycDaO4GW6UATW8dxb5RYWZewkcDGSSemfWkvm1QWrtaW9uZ+NoMpP5/KP50AWbBbs2ym+EIm7iEkr+tW/LBNAyrf5WAbgxjLfPt6ken4nA/GpkO+NXU5UjINAikskst9IbXbsAxIW6Ejpj36/kKW4srid2YyqN0YUEEjYQTyPrkflQMrT6XcyRERziNiWIAdtqgoRgfjzVi3tJ4ZpGebcjA7VyTtyc/lQAk4uIomcSqceqf8A16jmNzEinfEcsF+4RjJx60DI3tt5SR2ZpUyVbpjIx0qq8jSTG2mQAAZ3g/ePbHoeP/10wGLbR+as8MueTuOQQ2akYcUAdFmk69KRIoWmyHy42fGdoJxnGaYEVtOLm3WQrtJzlc9OcVXuRdsZRESOnllSMe+aAJbI3OCk4yV/i9eT/TFXAKADbRsFAC7BRtFIBrqx6GkKHjmmA7y/UmgR80gAxZ5oCndQBJj2pcYpgMeNZEZWAKsMEHuKrpZtGgRLmVVHQAL/APE0gK8UkOnrJDM4UIdxcjA2npnHA6Y/CpmvYVjDsWCswUZUjqM0DJI3WWNXQ5VgCPoaVuASe1AGVPPNeIIbZdu4BmY9lOcfy/z1Cz2k8sYUzjcpyrbMYPvzz+lACCO7jVR5kTgADBUg/nk/yqu6FpJEuEULKu0bWyD14zgc0xlWSwdZ/tEUoLhAoBUDON3X/vr9KnbpQI1rixme4aeKba2BtXtkAj0PrSwWUtvuInyWHIK5APfFAh0YuHaQG4A2NtGEHoD/AFpLUCXdI8vmuCcHPAHbAHH40ALfwK9uzAlJOAHQ4I5ppFzEyRKq7Ap+dIyRnI4x24oEJYS3bOyXUW0nlSBgY2r/AFLflWhgUDF280uO9ABjijHHFAEexs9aZJJFCf3sqpkcZNIBY7m3lkMSSqXXqPSpsdqAFpT7ZoAMe1GD6UAGDjpSc46UAV5rKC4YtLEr5AByTggdMjoetQPpkLsm5SyoPlUuT+vX9cUDJYLRLfcIwQDjjPTAwP5U5s+lAGfdfaLd1NpApUj5wB7jp+vFUTql2Ms9k6rt+7g5zz/h+tMB1vqfnT+RJC6P644/xqW5UTRNHnGe9AyhLazq26OQBdxZlUkZGOntzzTbb7VhlusEjocDnk/0xQB12D6VTnuykxgSMmQkAEnuQSPw4NBIttZyoN8kzl2bcwBGPp0pINMihQopcKSD8shXt7UAPbT4mXBMv/f5/wDGomuLiImMBWKMqklTkg4y/HYZ/Q9KAIftmoEEi0IIbaBsPIxnd+J4x171ftGmktw0y7XLMMEY4DHH6YoEWNh9aNvqaAF2D1NG0CgBNoqtc29vLNGssQfeCOT6c0AMmtY0Ikij/elxk5yT+fXio/8AiZtvG1ANjbSMZ3dvwpDNIZ9KcKADBzSY96AD8aaaADtTeKBjTTGxQBG1RMOKAImFQsB6UwIWUVCw54NIDp8AU3Yu7dtG4cA45piH4HrScUgGuofvThgcUwFwM0vFAASOwNAOf4TQIMn0ppJHagBsjlY2YAcDNUrayR0E87GaR1By/O36elABp2ZZbh23ZjkMabiThRjpn161obTk80DDB9TSgcdTSAAM+tO2D0oATYPSs7ULLz5FHneX5o8tCOqsMtke+AfypgQvo7M8D7o18tQGCD753Icn/vk/nUkV9EsC+a7MdpbcEOCvr06UgHNqVoGZTJypCkbTxnGPw5qaNo54hJGcqcjOMdDg0xiFBUTKKAKVxOIrmGEr/rcgNnoQM025YwxFwN2COPxoApreh5jEwCsCRnPBxjv+NPbryKQHU7BijYPSgQu0Y6Um2gBGwo6UmeM4pgPHIzTsUAG0UbaBCFaTaM0ABQYwRVKPTjDIxgnZI2GCh+bH0zQA6SxaJSbN/LkP3ixzu9zweff/AOtiL7Jfb0f7TkqWLAE4fpjjt9KBl9SQqhsbsc46UpYYzSEG4Y4HelL+xoGRyTLGpduFBA6evFUDJPezoyRmNIXLoXX7xwV5/Anp/wDWoAlF5IJVheBhK3OAflwOpB/Gmmxt9u3ymCgEAb24B7dent0oAbLY28zb3hBfPXJ9v8B+VSJEsMRiQEJz0Jzycnn8aAKN1E0MDNHPOrDpl93881HcmSJF/wBLmyzqvITuef4fTNMY9Y4BCAoDKRnJOSc9896ol5IrryyzPAq59xnPX1HH/wCugCPz7Od41K7XbDoCuCe4/l+lTP04oA6mlpCClxTATaKa2AKAFXGKfigQuKMcUAG2jFAFctclvlgjx7ykf+ymjF2f4IF/4GW/oKAG+Ven/lvbj28hj/7PSrDck4a6A/3IwP55oAd9lfvdS/kv/wATVXUNHN/aGD7bcQ5YHfG2GGD29DQBbsrMWdusPnTS7f45n3MfxqxgUDKt+MWobHCyxs3sA6kn8hSpcxTBvKcMQeR3FAFAuo1tWJ6oVOB90/LgH0Jwfyq4xbceDjtSACzY+7zUcjsqkhc4GcetAGQ0k+pr5YxFGNpcq3PPOM+o9PcH2qWaySWMpI8jAMGHzcgj0pgR+QqIqrLKoUADkf1FV3zbyNLJJvjK8sQAVxk5460DKrwWMmQrBGUYwTjaOR0PTrU2NoCq2cCgDrsUAGgQuKMUCEK+5/OmoilQx5oGK3Ucd6k4xQIXFLigBPpRQAoWjFABigJg0ALto20AKRSYoGHHSqr6fC0m9Q0ZPDeWcbh6H/63NAEogjRAqooUHOAKyk066E8bvKHQJtdCx+dufn9j7UgC2tLy1k5kWRWbB5ztG5j39iPXpV8rQBGwqJh7UwIHUelVpoY5I2R1BVhgigZnzaZE7BjJJkMHGSCNwxgn8gKrwWLW0rkSFg3Y9qAO520Y4oJGswWk3cDjrSAUZYUeWV6flTAUJ/e7dqfigBcUYxQAYwKXFIAxSgUwFxRSAMUmKYCYOafj1oATbzSEcUDEIppFICNhTDTApXV7BauVmfadhfp2HX+dQnULQuU+0Rbh1G8cdev5GgBFnilLKjAlTg+xxn+opjCgZC9VnFIDrRS0EjcDJ4owPSgAHB4pxoAKWmAq9KO9AC0GkAn+NO70wFpDQAg60CkAnepe1MBO9FIBp61G1Axh6Uw9KAKN3aQXODNEr7Rxntwf8aoTaZZ7HHk4z6MR6+/uaYGNf28UTgog4YkZOeduO9b7fdoAgkqtJQM//9kA/+Ex6Gh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRvclRvb2w+V2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NDwveG1wOkNyZWF0b3JUb29sPjx4bXA6Q3JlYXRlRGF0ZT4yMDIzLTAyLTI2VDIzOjU1OjExLjgwNDwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMAAwICAwICAwMDAwQDAwQFCAUFBAQFCgcHBggMCgwMCwoLCw0OEhANDhEOCwsQFhARExQVFRUMDxcYFhQYEhQVFP/bAEMBAwQEBQQFCQUFCRQNCw0UFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFP/AABEIAQMCmQMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTUWEHInEUMoGRoQgjQrHBFVLR8CQzYnKCCQoWFxgZGiUmJygpKjQ1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4eLj5OXm5+jp6vHy8/T19vf4+fr/xAAfAQADAQEBAQEBAQEBAAAAAAAAAQIDBAUGBwgJCgv/xAC1EQACAQIEBAMEBwUEBAABAncAAQIDEQQFITEGEkFRB2FxEyIygQgUQpGhscEJIzNS8BVictEKFiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/2gAMAwEAAhEDEQA/AOouPhnbXF1qDw3cllaagkMVzZwIAGjjUqqh+oBUlT9asx/DS0h1ae9guJraOSwTT47aIAJFGucEd8/N+OM9a7AR7e1TKoOBzXIescBa/CPTI9LsrG6uLi9htbKayRZMdJVCsw/2gFGD6mul0/w22naKmnx6hcPIox9smIaTPAzjGMACtzYFpwQ9QM0AcPD8KtPj0XT9LF9eG2sbxb2NsJuZ9xc7jt5+YlvxFR33wd0TVJr/AO0T33k3t0l5LbxzAL5i7Vz0ySVQDkkV36kFTxyKeuPTmmI8+m+H1yvjdr62kmt9HuYt+oRef/x8zKoWMgDkEY5zx1rWm+GWhXy6ys9vM41a5S6uG807g67SNvPHKjp6Guw2jv8AlQYx9KYHIQ/Czw5DNqH+izONQVEuS07kvt24JJPPTv611yr04CnHOOnHp+n/AHzUijbjjinbgaAIytPUU9l6Uu3aOaQDNoo3dsVJtprJimA0ClOKeIyMZFBWgBmw+lL7GpBtPQ01sdqAG7cU4AZoakXrQAuzcacI8U+NuxFOYDaakZE2FFM69KkwC2D0pQnp0plEbKaFbb1qVgMVEqnOcUwFb5sYpu0mpSwoVDjOOKAGhcdTRIwAyDzTsdqb5eW5HFSA1WzyKk3e1CIKRgVagBduWz2pFTnJp6qSKNtADCBmmtgL1qRsbhjr0rM17WLbw/pF1qN4223gjLnjJY44UDuScAY7mmBQ1vxlovh2QR6jqMFtKy7hEzZfHrtHNZK/E7S5ggsrTWNV3MFAtdLmYEntlkA/WrPhXw3M2j3l5qwki1fWHae4aOQLLapjEcCPg7dq4zjqxP1py/DPw71uLe8vyMEPe388zZHOcGTGc/SmBJ4d8ZQa1qd1p8lpd6ZfwoJvst6iq7RngMMEj688dDXUY+X3rl/Gvhm41i2t77SysGvaafMs2XgSKRl4DnswHGT94itHwt4ktfFmiW2pWgeNJFw8MgIeKQEh0bPcMCMduPUUAbDLxmkSLNSdVHpScrQAxh8w7U4fdpdu7mk2ndjtUgLTqVlwtKq9c9KAI9/bFIq881IyrTE6ndxigBStMI7c1MPbrTtpZeaAMa8uZbefbt4PTmhrxlA3DFXprJLhlLfwfrR9hjyCQTigCjCzNGTnBpkkzruDHIHrWitkvUDFElmjbg65BFAGcjM8oZcfd7VI0kg75q7HaomNq4GMUpthtHHNAFTduxnrSOrDkHFWxbin+Sre9AGaxbf97rTXkKjrWmIUbORzTJLONlGFyc0AQs+2MZ44rPeORt7E9e1bMi/IFIz6U3ylxgigZlx5QoDxxUl1n92QcY61daJc9KbIit1Wgoy/M8tZGJxzVeGRixYdSK2PJi5BWmi1j2cIB9KAM6SaVlwDxUPmyrHjPWtQ2qbQMUfZY1z8vHY0AZiyOq7ieKikuGXHrWhNENm0Cq62+48imBSaVjICetWY5hIueopZLMNyGxSR2/lRlV49aYEEl4nQ8U3zhtyDUX2NlbkZpGjcHAHFAD/MB5zzUMko+tRPvXIIxUbM3TFADjMGOAOabJhlqJj5bMBzmozK27pkUgJQPfNQt1NNW6AJGMGhpgwNMCNvvVXkO1s4zUjSjJ5qNx3NSBE3zc4xTcilZhn2plBR6P5ZI4FOjT5hU6Qlep4pVQCmZEfk7mPHBqQR7eKkVak2fLmgRX8tR0qRIxmnbacq0EiFRk0u3djFLtOelPVRSAZgCj8MU5sUvy7evNAEa7t2DUrKdtNj5JzUrCgBgxzmm5yeaUdSDTttMAVge/NI3pTglK4DDGeaQDOB0pOC1P4Ax3pfLzgDvQAjANwOtRqvPvUjR7cmhYSvJoAAMU8/cpGXb1pdwVR3NAEfv2oDHd7Uv3hil2HGcUAKVyKRYx60MTkelJk0DF46U9emO1Ea5OTQ2N2KBicE8Uu2jAXrQDu6UCERTUjKOCeKajBWwetOfDdxQUJtoEYGSTzTuMdaT73FMBhXJ46+vp71594u1K1m8bW9lqeU0zSLI6uLdlYm8mBwpUAfMsYXcQP4mWvQmO1W43cVzfjfwyfE+npJbzLbazYN9o0+8Yfckxyr/wDTNxw4/EUwNewvYdUtIby2lW4tpkDxzKchwQMt9SQP1qfIX054/PivNvhLNcwz6pbRRC302KQq+nuwMmnXOf3kAH/PMnLof7p969Bkuo13DcqMBnkgGkQZPjTxR/wjdvZJBGk19ezBII5m2oEXmRyewVQSfTj1FZnw5ga+k17xAkJtLTWrwT21ryFEaLs83B6NIQGPtgnmuY17RbnxR8RLnTrmaOSOaPE32cn/AETTQR8gz0lncYJ/ugV6pHIiRqigJGnyrGv3UGOFUegHH4CmMss2wrjmn8NgniqjXCxrwC1Na8Y4AQipKLuQOlLgdaqrK5wNvPpQ8k2CBgDvQBZVs9TTZpPLU1F5MrJkEAeoprRyMNpfNACq25SWqHd+8OOlPW1fPL4FSfYVXB35oAFlA71Ksw7mo/sgb+KpI7VRweRQAglVW61IsqnnPFMa1j9KVYVWgAe4VTUbTo5AA5PFJcL/AHeTUcMe5gpGCTgex7GgCObUorWFpZnWOFV3NIxwAPUnt/8AXrFb4meFl5PiDTcdP+PuPH86y/EVsvjjxSmgeUJNH0l0u9UJX5JpsZgt+Rzg5kb6JVjV/Acl9eCXS20PSoQmCkmhRztuJ6g71AFSA+T4seD42+fxLpanpj7Wn+NX9D8eaJ4kkli0vUre/eMAyLDIGKZ6ZA6VhL4F8QwsgTxPpqBSD+58PRLxnnH7z0p3jXQZraG28R6TbINU0bMjRxLg3VqR+9gIA5OOQSc5UY4oA7KO4+b7uPrU3nE9RxWdoupW+vaZbahZzLcWtwm+OVejjjn684/CtGJQWAoAj83rlWFRtMwbIXIq6yqvao9g9KCimbr5sbCKb9o56NV3yVpvkjNAylJPt5IoS4DdsVbeMdcZpuxPTBqgIPO+bpUbSgHJNWJFA7c1Eyhscc0AVmnUsAaTzE9RU0kKt2X8qiNunpTAjYrtHNMkZduM805oQPpUbW+456D1pgMOOveoXU56YqRoSOjVFIr/AN6pAY601lVl5ANNYSdetN3kH5hxQBDJbqWxtA96qTWvPynmrklwu7pTDIGUkCgZnSWvocmqskbjpWucHrVdoxkntQIzJIyhUmnTfdA74q5IgbqOKqzxhu2PegCiuec0bh60MrRk9xTN/tQM9cCmjbSLIPWmNMM9aowJcYFSKMrimCRMZLUguEVhhsmgCULzS8dO9MaZOobn0pFnVuARn60APxig+lNaT5hSNNnoKQEqqTxQy7etRRyFTxyaUyfKT1oAemMHvTmYdQKgWTcpwKPMNAEw+Y09agV2I4FOWR+RtpgSNzznFRl6jZnxjHNRbZD1AqQLaMp6nmnRtkk56VSfeewBpY/NbqQBQBeZ/emltoxnrUaQMeeKJISeKAJo8SqcnimYG7rTFhKr14p7QhV3ZzQAoZQeTStIq9+KjjjVutLJCuRxQARzBjgmnNcKn0qPYE52in/Ky/dFMBr3QC5H8qatx5jDikkxnAFLDlX6ZFIB/mMwxs57UbnVT8uKl83C8DmnqpkXOaAKsfmnk/hStHKx6irJj4xmlGOQOTTGVVhl3ckU8RN3bj2p8jhe9LG2YwetMoYtvhs7mNNuDFaQy3M0ixwwqZHkY4VQF3En2A60r3BXpwfX0rivGF0nibV4fChcxWMca3urSZwPswZvLiz23sDk/wB1WpCM7w/4J0/x1dah4q1m0nX+1WjFpapPLBtt0XEbuI3Xc7DJO4ZA2jscbp+D/gvgvogkJGCZLu4b9DIQa6mFt7ghNgbBCYwFBGQB7ensambtnpTJPNdR8M2vwr1BvEOiWqx6FIix6vYxhmKgbglwmSSNuQGHPBJ7Zr0G3khuFSWJxJEyqVZe4IyM/hVDxJr1n4d08TXhLLPKtrHAsYkM0jnATZ/EOeR6ZzXAeDx4gjm1mx8Ky6ePC1vdGLTptUaRjCMHfFHsBLojk4Y9ckZ4qQPU5HjjilkZlRI1LM5IwoHUk1zaeOtCZnY6nGirC9wJHRlRo0+8ysQFOPY1i+JvBfjHxJ4U1ewn8SWby3Nq8MdtaWTQKzEdDI0jHnp0HWpfEWi6v4+8Hz6OdJbRJjboqyXxjMaMmwiNRGchSV6jjHJ9KYGivxA0VZGS8mm05vsz3i/b4Hi3wqMs67gMge3qKhvviEbHS5NRk0TUvsptJbuGWRI1DokZfON2VyORuAJ7VleLvh3qHxQMC6rEdEhtrK5ijDSLLI80yBD9w42ADPPtxWneaD4m1Twvd6Rfy6bamawezZ7eSSQSloygPKrtAyT35wOnNIDr7W6F1ZwTKpXzYw+1sZUEKwHH1p68ZNV9JtZbTTbW3kdXkhiWNmQcMVGM8+oq0sLdSfwoGG7cpwKgaRlbpU6I27pxS/Z9zdKChsMhYciploWERqc8GnqtAEbcc0Dmpdg79KTZtoAj8oNj1rA8aa83hnQ3uLeEXOoXDra2NrnDTzudqgew6k9ABkkV0g49/Uetch8SNDur/T7XVdMT7Rq2iym8gg7XKeWyyx/7LFCQp6blGeKLAXfBvh0eGtDhsmuPtd5Ixub273f8fNw/Lv8ATJwo7KBW80argdzXCaH48F34khM12LjRNchFxpM+zbsdV/ewMP738QH++P4a77I6HHHcUmBH5AJoCbWDJ1Hze1OkJ+bb6cVzPj/XrrS9Lt7HSpE/tzVp/sVkoBPlkj95MR6IuW+oA7jKAxdLtf8AhA/GX9kD93oOsNJNp46CGfBeWH0AIDMo9mHau88s43YwQcV534Vt/wDhK/EUN680l3o3hyP7BZSTHJubvbtnnf8A3cFAR3MlehRzDJDHJzzn+lUA8LnrTXjI7VJvBGe1MUlic1IDGB4pmM1JJkAmoGl4oKHBcgnsKaV5pyuAuPWmlhQMh9c01k6miQnfgdO9RuzAe1ACqc+9RsvzZpfOCuF9ace1UBXZajbPTtVh8VXkYAHmgCFu9RsKduycUlADGx0IqF4xmpmqOTIGaAKzxj05qBo9uatN3NQPUjKjRndnOKiMb7uuRVhvTvUW47sUCK0hKdRUJk3cYqzMu7rVdkANUBXmXJ6VHsHoKdKhVsA5pm00AerrDntmj7Oq8lRUsDVIybuRQYkAhiPUfhSNDH0EY+tSEhe9Ju5yKAFjt067ad5ac8fpSxksck8VIE3HimBAYQehwKBGF7ZqfjmgAN34pgVwnP3aVowtT7QO9NYBunNAFd8LwBT41DdeKlMIxmowpGcVIEixjB54oWPbzSLkilVt3FAEbsCx9KbwKc/y54pIU8zJPFACYDduKkijXFMkiK5p0LELQBIoKnHapAAOaFU7c04KcdKAGEZ5xUEynaMVc8v5eeKawCqeM0AUVzjBqVt3GBmnMoJ6Yp6Lxz1pgQqrKwyMCldWzkHNWGWkVaYFXys9anMIaP0NS/LQcZBB4qQK5gLdeKnijMaAUuRUu/C9KAIGYZK96r8xs/cmpihNwG7YpWhG489aAKUMZdWycn0pbePbMyDOKurbrGuR3p/l7QSBhj3oAr/ZS2a4r4ieE5GjfXLCN5rqGJra+s0OBe2RB3L/AL6Z3L/wL1rtBd+U5WQbf9qrSuMBlbB7EdR+tAHnHwp157qyk0maaS9W2hSawvsEi5tGOFLntKh+Rgfau6ZgCAzBQ3GTXKXXge90/Ur6TQ/EcmiafeSm5ay+yLcCOVv9YY2dvlDEAlcEVHceCbi4VVvfF+vXI/u27w2i/wDkOMfqaAOc8WaXqniXx5/Z6yeVd42WYjYN9gsyMS3jYOBLIfkTPPPsa9O0vSbTR7S2sbKJYLO1QRwxL/Co7H1JOWz7muC8J6Sngf4kX+nefcXEGtacl1b3N5J5svmQuVlj8w4ONsiMF6cue1ehQXCyN8rA844Pfpz6UwLvGOOKCS2NxJ49Sf51EJMqcZJAyQBzj6UrP5bYbIPpTAc2WbGMGmXEe5c5psc6TfOjhlOMEHrnmnsw+6akB0Awo4zUm3uOvpmoxwpxzUTXA8vctAydT14pQ3NQCQjBqGO6aRmOMDsTQUXGbOKXOMVBudlHSngF1460ASeYOmac1VHkKg4GSKVJt0gGeSOlAFkfMMiofnDfKdjdmz096nVcKMfjQYw3uc9PX2oEeReLPDP9l6tJpqsbTTNbnN5pU235dP1NDu28dFfqAOuXHXivTbFblbG3jumSS8WNROYQcF8ckD0zn865P4jQp4uubDwXCW3Xkkeo31wuCbW3ifcrKezs6hV7gbz6Va/4VboLAq8utToMDZNrd0QMZ5A38e/Tmgk6iRW4HzZPsa808aWl7H4oD2t+kuu60n9naZEB/wAeFrgNczn/AG8459dg9q6Q/Cfwvt4s7845IbVrs5/8i1ia14TsvhncWfivQ7aQRWYNvqcElzLPutX25kXeSQY2VSQDypYnkUDOy0fQ7fw/pFrp1khjs7WMRxr9OrH1JPJJ7nPc1N5DsehxV6C4iureOeFg0LjKNnOQcH+tS7dy4qSinFGV+tTBTUqw7jgdaTa3ChS2Rn5eeOPT6iqAgce9VzGe44qyxCuM89ceh9vrTiueNvbPAzxwc/r/AJxUgVvL3LjpUYh96tsu1gMck4H16VB5gO0dC/K54J+lBRA0JD5pGXdkAc1aG1lJDD06/pUJUg9aBlPywWJPUVHksT6VfbDdsY61EYR2oAqMp61BIDzxWhtC/WoZF3ZqgKBUdTxSKwUHPSrMkPyk4zUDqQjNHtaTB2KWwC2OAT6GpAYzZyMdOvHT/OaiZlHWvOvh74q1fWb63tr2+jku4Qyappl5Zrb3NjJgkeWQfniJzhj2K16F97k9D0PrVANZgwOOlQvgde4yPentDz1rjdY17UrvxnH4Z0uaGxdLMX9xc3MPm5JYokarkdSD36AnmpA6dgN27Ix9artkScjHeubPizV9N1fS9PvNLhle/uJbaKe2uGUERx+YHwynAK5+UHOeDWjo/iaDXrnVLeK1ntpNNm8i485BjdtDZDAnPDD86ANCT7tVZPlarj5Vj7HFVpmDtgVQFeUAjPeodpq0y4HNRZT1oA9VjjJyRU207cd6kVPm9KVl9KDEqeQc570zy23cjAq8qjHNI0YNAFWGNo89xTjvUE9BU+zH0pdo9M0wKas0nbFWFiOBihI/m6Yqdl+XNMCuU7ZqRYgvJNI53MO1Sj5sVIAY/lpPLA6DNSduaTINAEUi8YUUixDjHWntQOlMBjRA9aVYxH24pGbbjNKzEYoGDR5U+lMjh4AxUqAt24qSNdvWkIYw2rilWnsooC0AG7iq8is0mOlWce1MlXPbFAFPa4kGTkVYVRt96eq01mC9KAF7jPSl2gj2p6ruWmtgcUAR+UOoFO8vinx/eFStINtAFbAqTaG4pOp6YpzMuOtAEUn7vNQx3G5WJGcdqf5gkZgTVR4Dtb7wB6HGAfoaALMckkiggYHpQl1u3Bjjb1ojaSO3GQzYHHFQ29q29nf/AJafwk0ASTNBNHyQRVP7R5bbFPy/SroiRWIO0DtziqV1Nbw5Z5oowOrM4AFAEmTMw3DFWEsQygtnj/OKy5PFmgWe4z65p8JXrvukH9apzfFjwdbN5beJdOZ/7kcwkY/QLkmpAo/Fdo9H8Lx60LaOW90+4iFvK+cQtMVt3dvVQr5K98VyXxK13W/h1dyJpWoXWol9GublxdEN5LRvHtuFIHCkSN8vIyo5rsLr4qeFL6GS2LXOrW8ylJIYdOnlDqeCMBOeKq6b4k0zS4ZBo3g/xDJ5iBJJItJn/ejngmQ/d/2Txzx6VQDLO1tNJntLuxu77VLpbRvLhNyZWu1YLmXazbQc8gjaAM89q5L+0B4j8Y6rf2xtoYpvDEc0kGpKd/zSSlgFBID42Djrx6it+f7RJpd/YaZ4B1rTIrviWSzitLF2HoC0nBxkZI79B1rV0288WaVp9ta2ng98Qp5YkvtVt1fAxjmMH8iOwoJOc+HHiC40vw74D0RNPZIbrS0aS8aNo4zOEJZFwp3P8jE7iOCe/FerRwkdW3Mw+73rhbzTPF95qEeoPoehx3aIEjafVZnCAcZ8sRbQ2CRkVYjtvH1w2xr7w7aIe6xTzbfwyuaCjtCpQd/xFVpIz5eF656Vzcmi+NJCA3izTrf/AK99IJP4bpak/wCEN16ZczePNSXj5vsunWyHHfG5W5xUgQ2PxN8K6pqEmnQeILAX8MjQyW0kwjlV16gq2DXURR7hwMr1B9a+SvE37Mvi/wCI3jvWdReJdL0qaYql5rflrJOBgbxFEgyTgt0X73Jr2P4S/s+2HwvuobqPX9W1C4iXHkiVobTJBB/c7iD14z3waqxKbues7WdQB8ozipvLZQApz60+JRtPByT37VKuKDUptbNzzTo7XaytnOBirar1pcHpjFAFNiwcKB1OKra5rVr4d0a71S9cx2drEZpHGc4HQL/tE4AHXJFaGw85PPauI+KlvPHo+n6h5DXWmaXfx3uoWqZLPCoI3gd/LYiTH+xUkEnw/wBLurS1u9X1UBdc1iQXF0uP9SmP3UA9kXg443bq6tvl6Vz+n+K49Q8UXWlSoId1ul9YXCyFkvYHx5j5x95X2g+gKn+Kuh8ksuR7fqM/0oAFbFI6xzRtHIiywSKUkjYZDKRgjH0zStCdvLVkeKtet/C3h+81C4VpWjXbBbp9+eViFSJR/eZiAB+PQGgZzfhO6bwbr8/g+4LCyKG70WVj8rQcbodx6mMsAO5Ug9jXc/aAy57YzntXl+raXe/ETxBomiX9w1rc6LEt/q19pcpjMc7xlUgibqm4FnI7hB6it9PhdYQtn+2vEjc551eT16dKood8XPF934O+Husarp/l/wBoQoq28kihgjNIqb8Hg7c5HbIFQf8ACERQ2Vg9tq2pR6jA0c73Ul7IyXJUqz70LbcNzgKFx15xitq28DabH4evNGuHvtW066DCSPUrp5nwRjCnIx0BHocGqej/AA7GlrbQNruqX1hAyMtpcPGoJXBUO6oGcA9iewzxUgcd8PbW5+JHhu51vU7/AFC31C+up0tTZ3DwCxVJDHGERSFZhtB+YHJIo8E+IfEnjv4dQ31xf20MflXFvP5ULrO8sRdRIkisoAO1SQVODnHrXWf8K1trOS+/svVL7RLfUJGlubWzWMx+Y+PMePcMxlsn7rdq17Pwza6T4fTRdLX+zrKK3MEPlKGMY56burHLEk9SaoDwmTxtqU3wL0G+W88QRarJJamfUdshWVZJgshMpG3kEgZxyOK6jXfFOt/D/wAeahcSzXWqeEEitjfxzOXmsvM8weavGfLBQBsk45I6V1E3wftH8BW3hL+17z+zrcx+XN5EZl2xvvRSMgcED8627Xwn9k1u/wBQlvRf/breK2nt5rZRGwQNz1zyXbI6YNAGV4B1GTVW1qZtSm1GKG/eGFnkDosXlo6heB2JIPcVe8Q+OdA8L3iWur6tbadcOnmKlw+zK+vNHgvwLp/gGxvbLTPM+x3N090kEpz5O4ACMHuoAAHp0rocMo6kcY+8Rx6d6CkckvxM8J3CeYniPTNnZjdIB+pq7B4s0W6QNDrFhKpGdy3SEfzrUm021mB861t5h/00hRv125/WuC+K3hDQf+EE1ycaFpX2iOFXWb7FHvGHUnnb6cfjQB2qXUU0mI5Y5B6xsGH5ihnXaTnj1rmm+FPg64Ilfwzp6vtHzQoYmPbOVwRUNx8L/DccebeDUbLAP/Hpq11H/KUUAbmsa5p2g2j3OpXkFnboQGeZwo57e+cHgf1rC0XxcfFFwwtNNv49L8o7NSuEEKSNnhUVsOfXO3Fc94H8LafHqmuT3cc2rahp+py2lvdanO9y0cO1WQJvJC/ebkLmu/Zm3EknJGDk8n/H8hTA4GP4f6kviHQtUvr6wuptJjdftlvCYrm6BjK7Hz8oXJDDk8rk4re0PxNa61Ncwqk1pe27bbmzvFKTxZPDEdNp7MMg+tbjbvp+OKw9d8Mw+IGhkaWaz1C3z9l1C1IWaFj6A8Mv+wcg5zwaBmrIoZCB8wYEDbzn6f41yWveHbqTxBa69pMsEGpwwG0mhutwjuYd4YKzAbldWyy8dGNctrXibWtQ8QR+CdUu7fSbiWIT3Wq2chAvIznEcCn/AFbsFO4M2eu0dK9GhtVtLVI41by41VAsh3NtA4JJ5J96QHD+KtB1jXNQ8LteWDPFb30k05024YGCJoWQDflXY7yGyBgDr3rDtLq+8Kx+OLi0SYi0vzdxNqUUshnjEEa5DMM8sCM9Pw5r1lN2QvfPA7cY/PtWfrOmxa5bm2mubmOEhstBNtJyNpB4PBzjHpTAasy3ECSJtIZFIMZyu32/T86j2dSamW1jtYY0iG2NFCKM7ioA6Z9OB+VI2NppAVZlPpxUO1f7tW5VDLVfyx60wPY9g78Gk8v3p/8AOk9qRiNZeKaFPU9Kk9s01jt4oAQgYqFjzxTmJzgUBD360wI0Y5qbkrS+WMjFPKUwIGXvUkYOKfs9aQKcECpAKaqnmsS+8eaBp999jm1KJbgSLCyhWOHOMKSBgHkce9bx+Xg8GmBA2d3NOXHQ9zgfXsKc2Me9c38QvFDeCfBOsa2kK3EllDvSNvuliQq554GSKYHQyxlhHgHJ6UyNs7Wb7uOD256VyVr4PurvTbG4fX9SOqsYbiS4WUiJz8rOojAwFIbAxgnGTXnH9u38Pgr4jyCDXbt7a9vo7S9juCRbrEBsAYuGG0nnaDkZoDmPflzj7pxjPT6/4GjriuC8L+JItD0PwlY3EN9O99bQKLra0kZmeIvzI2SSTu+nfGa7tcrnA+XOPU0gF/ipRz0oYfITSxDMfvSAMUkvGBUm2kZdyk96AIV+6ajZSMHFT7aXZ7Uxlbcc+lGDnrzVxrfcvSmxxY6igRW596cqsVFWWQelCxikBB1IFNaM1dWEcHoaQxnuaAKK25Vs9+vXFUfEGiX2rW8a2OtS6JKpy80NrHKzjsvz5A/Kt3YNxpHHpzQBw6+A74qFufGmvS56tEYIf5R03/hWOlzMTc6v4huvaTWJUDfgm2utvI28ttv3uP51XyfMjDYFMDnX+FfhiTHn2d3dD/p41O5kH45kx+lK/wALPBcEa48MabI+eGkhEjfm2a6po3KkK4H4VXlhcRjdKx56Ae9MCrYeD9AsVBtdC0uD022UWR+O3NacUcdnxBDFEP8ApigQj8gKbHaHcfmbAFSrbjOOSfc1ID3vpNuDM7D0LHH8/wClQ+YXOdx/n/hT102INkjJ+tJPbnbiM7TQBD52ZCEXHq3Q/wAqlWRFY+vuKVbcxgcbjVhLcN1GDQBSmIHQbvwqKNgHAKgGr7R+YrLjIqv9iMYOG3A1IDjGG5FAUqQAM/pSMCmBnmlLGNlHUGgBzW/zdjk5zj/65p62wXJAqeOPpmncZwKoCNYsL6UqwsOc8VNxikHPTpQMaqdjxUhUCkwc5o5NMZEVw2elMkwWyVDA8OCMgr3GO/GeDx61Oymm+X8w9M8+47ikSeK6l4eutBvB4fs8JfaWz6v4Xmkf/Wwg4lsWJ68ZUDuCh/hOPXNLupL7TrW4lt5LSSaJZTDMuHj3AHbj1GefwrL8Y+Fj4o02GJLptO1K0mW6stQjUs1vKOMgAglSpIIz3rOGg+NtzFfFWkorEn5NFbPU88zcZz29KAOtZN3yjktwB3rzbx9dXdnro1m7tN+maUUj0e1ypa/1GZcCTGeFQFV5xj526c1tN4Z8bSLz40tUPpHow/mZT/Kuc1rTNX8K+KvD2v8AiTWP7f0e3lktyy2KWyWMsoCrOVUkEYJTJ6bs9s0WA67wT4XbwzoiwTzC61G4la6v7rvNcPjcf90YwoPRQB610aqMYxk0jLt2hsbjgZ4GevNSfMqn5Tx1OKC0M2e2Kaq7c1IrbsY57/8A1z6U0nf9PWpAhb71GKcWXHt0zRtwM1SAbtJppXint93rTATyMUAREAGo3zUrAs3AzTdrMRgZJ6Dv+VAEX4ZrkvitGv8AwrbxO2RlbB2HPpz/AErrZpBGrM/yqnLZIXgdev0rx3x/4pm8aaHqgtr99K8LSRS2S3iwb59WuHUoqQp3iBI57lSRwCQAep253WsPZtiZ/EA1Q13U/wCx9Hu782c14lurSypb43hF5JAPXHXHXiua0kfECbS4J5o/DyzyRK5t5jPDJEdv3Hx5i7vpjpV+4uNfHh/XH1q0s4ZY7WXyG0+eS43ExsOhjDdcdBTAwPD/AIh02G11PxNHd/a9H1+8gnt5LaNndWMSx4cAfLlkx9a7Yx7iPkZWHBRgdw+o7V4/eeHb3w3a6Pe6PbyP4f1e7sX1DT1QqbS5WWMmUKRwr8grjAJ49a9G1PVNesb6VbXwy+p2a/MJob2FGJwNwETleh46/SmM25I9uMjFRTQ4jbHIx+ftXNf8J1dQqDd+D/Edp/tRWSzr+cRY1BL8VvDSNtudQk0pv4hqVrLb7fqXQCgoz7zSLTVviFr1jfQLdW02lWjNGzkYZZZwGUgZRgCPmBzlRTdTu9S+HvhPXr27nTWLLTrdprSabKzsoHEcuODg/wAQ6jqM81JpGuabrvxHu5tOv7W/iGjQh5raQOoYXEg2kjgHBBx6Gup1bTbXWdNvNPvImms7qJoZowcFlYYIBPQ4PFIRyFjF4ptbXS5DeWWpyTKpu4Wt/KEGUZg6Y5K7srzjgg9qoaf8RZLrw54c1a70sqdYm8hY7WcOImO4qDuxjAUnj1rc0nSdf0lLWykurHULK2XCzYZLiYKCFVgflUkYBfJ4zxXndn4HvvDfh3wgJtOuE1TT9WjkuzbTPNDsDODJsVigG1h8wXPHIpk3PVJDySckdAexH9ahf26Vj6Dql1daprNjdzJO9q8bpIsHlEo67uVBwRnI39yCPWttlpFlaRj+FRc1YkXtUeymB69k5A70bh3ODWb4ueS28L6vPDK8E0NpLKkkf3lZVJBHB7ivJ7rxpqF14R8BCPU9TTVtQvrSO7ne2ZFkWYqXXcUC8bsDB5qTE9qbnOO3Wk8vcRg54JHuBwSK4zxp4v0680HxFYabrM8GqafZyXKNBJtlTYDzkja2GAzgnB4OK5mPxdqN9a2XhvX7ibT/ABTb31skklu3lJqEDOEE0fY5VsMM8E5pgeu+SMgHrz+lBiAYHNMkuEjbbvCgdnk5HbB/nTf7Qtl4aeMH/epATYxzTsd+1UW1rTkb5763jXuWlUY/Wo28TaMpx/a1j+Nwn+NMDRkXvnFMOBgEg57Hnj6Vzmo/ELS45EtNLc63qbDK2mnOHf2LH7qDvliOnGTil0vS9evNQj1DWtQ+xeWCY9J09iYhkEfvZSMu3PQcD1oA8y1S4fQdTvdQ8Panb6npt9rWNR8Mahtab7T5wR5YMDOAVVuv8Ne2LIsnmBHEhjbEm07ijf3Tj+KnR2ttDcfaFtoI7jk+bHCofJOSd2M5/wAa5jVvAUMmoSalol7L4f1Zjuea3G+Cc/8ATSInac/3gAe/NMDoiQDyOB1qlq2m2WuaXd6fexC6sbyFo5YjxuUjBwex9D64rgvFHxM1TwaLW017RYI9Ru38qzv7dw1jIwIG+TJ3IBkE8c9Bmu48M6CukaazyX51O6u28+4vS2Umc/8APMdAo6KB2680AY+l+CW0yO2t5Nc1LUbG12GGC4MeQU+5ufbuYDjgkcgdelR2vw30610PWNI+26hJaavM092WkRXLOCJApVRtBHHQ/wBa7J2igx5jqgJwGY4GfrUEl5ZxyLG91DHI+NqPIFJz0wD1oJOPm8CSTXWhQxeWlho0kMttcyzM1woQbSm0LtIK4GT6Gu8jXd0GB/QgEg/iKoWesaddXktrb31tcXMWfMhhmV3XnHKg5HNaa88DH4c/56GgBpwvFIv5VI0fTnJpPLNSUJj1pRgA0vlluKVofemAzy+9OVMU7aAp55qSMc89KYrjPajZQFwxxzUijGc0CI2X5hSthscYpVG4nNOMZHakUMXPehqeikdaCopAQ9KMdM1Ltqs9xtUseADigB0kQk4IyKhNsm5Mj5h09qd9p3NtyM05phHww5oAc0YU1FJDu2gUjSO0Zde3QUsO6ZNxPHWgCeNehzn1qXbxnHNQWvzsSf4at4G3igZCqk1HIMNx1qfadppmw9xQIVVyo45pQo6U/A24piJtbJPFAC+V8vA4pGhx1qXPOBQy8+1AFaa1Em1hwVqPyS0i56Cr6qKaFCnNSAxYs5J4FKEwCKk3bhgCkZDiqAZs4ziiNaft460uMDk0wGsvymmYqYDdxS7BQBAOfel245xUioPT9KXb9KQELJu6ik8k7eBxUxx+NNyd3TigCLb8rAemKrajptrq1jcWN5Ak9ncL5U0MmdjoRgg+h96vMo7UnQjB59xxQB5l4R1bVUfUPDeiz2upLoJFncapqjMglkOXWAKgbcyoyhpDjJNQSfGe1Wx+z/2eB4lXVRog0lpMD7Rwcl+yBctuGTwPWtCx8L6t4H8T+Jb3TdO/trTtauBfhYpo4pYLjaEdGDsAUbAORk8VzF58F9XkkPia3ktV8XjXTr6WrsVgAKiP7OXGSG2KMMOM96BneQ33iKHWLGG9s9PudOn80y3Vi8gMbhdyKwYDIPTceecYqh8QvFeo+E5vD62UFlOmp6pHp0rXLMrxM4J3jHGAFIAPerMmoaleWN02t6b/AMI9paQSPeSTXaSykbeRGY2P/fRwfavMIdCPjTT7MeGtmsaTa+I4tUfT5r0SCC2WPZsLO+Szks2D0zjg0FHoK+MdQPxMXwz9ks/srae2ofat7mQKH2bSMYySc/Su0ZChw6EMByMYx+FeaL4Jn0H4mLrunaNa6VoKaPJZy3cRgUJIX8wymIYJAwB3q18Ird7G11mzN9DrENvcIU1eG4kkS7LJknDMwVxgbthxkmgD0ERhm56UjRjcfSnLQeDntQBE0XXGM44zXn3xR1O6/tnwZocU01tYa1qDRXckL7HkWONmWFW6gseCBzgHHUV6I+F6jIwePWsfxB4dsfFGni01BJGVJlnimhYpJBICCJIz2YYx7+9AHm/iS1h8O+M/DehpHPdeHfES3dpdaZc3MkqbokWQSLuYlePlIB5BOa6PTfAqReI5NY1CSO+mhzDp1usYSGxh4HyL03kdW/LHe3F4S0/Q9UTXtS1Ke+ureIwQT6gY0jtQ5AOwKqqNxwCSATxW59ug8lH82MRsu8SbxtfjPB78enofQ0AIynaSeefx+ue9Qso7ZznPWrTMGwVIZScZHTPpUbfN0HYHPoD3+nvTAhZSzEsdxPViOv4e1QTRI+SVwf6elWNw25Bz06c9RkVE/p6HBxzSKK0kQ3DhffK0MzFfmZmUcYxnj6ZFStiom/SmM5PxJ4Z83y9V0m3trXXbQEhoY1QXceAGhcjG7cOjN0YDtzVjQddg8QabBdwrJF5oGYZgQ8bcgqwPRlIwa3mXg46+/wDKuA+IV1cw6t4W0m3kms7PWL2Zbya1OyV1SNpNm8dCxByRzhaYjr3BCklWAHB46cZquz7QQrLleCqtkZxn5hXF+KLm98GxW4sb4XsOq3drp1ot+xlW0kkdw7F/vuu0AjLdQM9asal41/4Q6/ntvENyJoVs5L6G7hiMZdEZVkjMeSBIGZMYySGA70hGtHotnYXE1xbo/mTn52mmeVsBmKgFidqjc3A4yxqRl281l2viz99BBqenzaTPPCZ4VkZZBKFGXHyE/OAykr6Z9DizpviTS9ctbe5sr2GaG4/1Tbtu/nGADg5pjJZG5pm6p5owxz2qLyRSGeqa9pL6xot7YiUwm6iaFpAoYqGGCcHrwa5y5+Gq3Xh/w9pTarNEmiTQywTRwKWkMQ2xlwTjAGeK7zhlxik2DnvQYnm154W1nxZrGoR6pYnTdPkgks4LqG4jkdYmbLkKOpfA+990cdSa6PVfBunavcaLdX6tNf6TKksF2oG/cOvX+E8ZHqM10cceztSFVZs0wObv/h74c1O8ku7zRbW4uZm3vIxcknA5xnHrXIfE74f+GtN8A6vPa6DYwXARFSVY+RudVPU+hNeoyAha4z4tP/xb/UVGCXeBF98zxj/JpAaX/CvfCasVHhnSR8xZT9lTPYdce361N/wgvhyLaV8OaQvIPzWURP6rW1PIFmJAXbu647Z61i+NtavtA8K6jqmni3e6tI2mCXW7a4UZ25Hr0HuRTAwfAdhbaT4s8cx2dtFYQreW6iOFFiH+oViPlAyMnp0ruWjYL8y4OSSB0H5/WvLNC8YRX9h/bGjxR2eqanrMFnrGn3ilmtpcCIjAA7KCM56ivVGUOOoJOSGVcbsZH9KAEEfy0eX6VGs+xtrkD6mkFyoY4YY+tBJxni23huPHXgq2njWWN2vsxuu5GHkc5U8HqKu6V4EHhrVIrjQL6XTNJdibvSXLSwsMHJi5Bjb6HH16VW8SMJPif4IVTvZUvmK9/wDUqOldqv71QD8v4UAeZeBYIPGniPxrca1aw6nfWWqyafb2t1GJY7eCNRsKIRwG3ctgEn1rI1Pw3Z6F8S/Alv4dsrWfyrTVJIlnkUY5TI3qjZKndj0A7V6ZqXgPQtW1B7+5sX+1yALJJBcywmZR0WQI4DcZzxzUknhHRZL20vDp0Ju7JDFay4ZfIX/ZAbbn2wAe57UAeb+D72/0/W/irfxWViNQi1K3Lxi4ZIFAtlJw+AQOrYxy2K9G8La5/wAJL4b0nVhEsJvbSO5McbiRV3jOA3tyPx9qZceFrSF7iXSUh0W6upfMnuobcSPKOchgxwcg/hjFX9C0O20HSbfTrJSLWEfKD1ySxJwOmSxOOgzQBfUbgKcqilRe1OC9fXOKRQ3jtTWGacqnvTttIBqx5o27aetIeeKCRFj4PrSFTUi96a1MBFXCknrTm5oBHNO428Uyhi+9G30pOmaerD1qSSJlI7VTksy0bA9Sc4rQLDPWkZ1Y46UFGeti0LJJtGQOanaHzGywxxU3mD605mU4oAqeSVAXHXip44Qq7B1Hy475zjH1/nVfVtRi0jTby+nVngtbeSeRVONyqhYjPbIFebzePte0nw74Y8T3ssd5bapcwQz6VHAFEKXAJQJIDkuvyZz1GaYHqUcCx5ww64PP51Mq7iFAJP0rzfwdNrPjTwzoXiKfXLmwbUCkz2cSxLbpEz/6lQV3K+CMndnI9M1xeg+Jdd1TSPhq142pOb3WJIp72W6T/TAEnfBCndgGNOCB0pBzHvkahs46UyZSp4rJ8N+II/EUd9JDDcQPa3bWk0VwmHWQKGx9NrKfx9jWvIeQD8pPZuKABMbfelwKRVOOoB9zz0Bzj05o27hw4P4/jQANhaRWG7mpBBuxzTltQe9ACrgDORj61G+DyDUn2dO+TTlt0xjbj61IFeNh0zTyR61KtmN3aneVtOCBiqAr7tvNIZfarRhXbxSLDzknIoArrIRzikMxHOD+FWSo6YpNo7CpAq/aD0KtSk8ZxzVsKpHNJJGrcDpQBQkmkXgR/qKdHI78FMVaZFXGaQ7e3SrArNv7cU0rL1xViTB6UVLGV9sh9Bxn8aSSOZk4GfXmrax9+1NztzSKM6SOTcMqG/2SaYY5lGdqkdxgDn14x+taL4YjikyNuMUAUUMvou8fxY4pRGVRVwFVfuovQevp39qtbMdqaRiqArbW7Comkk6beKvlgF6VAyLye9AFKSSQDAQsPrTFkkAOYm/MVeKj0qLvwOKkDI1xRcaNfwzQrNC9vIGjlUMpG09q+d2uLzwT8P7PRtSSTVvD2sWlrLpV5MnmG1uC0bNbse65yUPTkgmvpi8to7y2lgnTzIZFKuoOCQffIrHn8J6M2gtoh0+E6RhVWzbc6LtwQV3Nxg4x6YNWB5/qnxOvNJ8bW2kfZrOTTptRj07KeYZIA8ZdWeQYVTngxkZA59K5K18SXmi6nr3iPV4Ua6tdem09J47uVIIlZEH70FCBEuF2tg4Lc16lqXww8NapqUl/c2lyLp7xb9ja3ksSmdQAH2htpOABz71V/wCFY2dql8LXVdSga8vZL+Ys0UgkkcFX3K0WGUrj5Tn86YGHfeMpNWvhbr/aOm39xoFzfxyRXSSQptcc4BwWyRhyMFc49az9A+I1vb6bosuq394ZF8OR6ncL9l3Rsvy7pgyruLc8gVsWvwhtdJm05tO1SWBbHTZ9OSKaBZFKzNvZsgrgg4wMY7dKyLj4PalDp9ra2urWMi2+gy6IvnQyITuUBZCRuxyBxg8ZpAdb4f8AG2l+KmmWwnZ5oVRpIpYnicKwyrAOBlTjqOK2Wl3cAVwnhrwPq+i+IxfXa2bQf2Pbae0lvMzOXiJJOCg+U7ifwrsmjdV+U0ykK1wOR3rJ1/RbPxLY/Y75XCpIs0MsLbZIZB910OOGAyD65q5Kjr8wOaaS3fmgZzWseC5ta0uSG91y7vLtJIrm2uZoowLeaNiysEUYY5JUkkZXjFc94y+HOpfEJpv7YlsbUxadNZ2gtZJJA0khB3uWUFUGxPlGT1PYV6LuHcVXkYNnII/WgR59q/8AaHiLWPC8LWF1aXGn3v2q/e6TbFGvkyI+H6MWLKBtJ464rjfDcN3JoHw4e5ls57JdSkjhKBxNGwilADZJB6A4Fe3+YcBPuqOnzEge4qhd6Pp98tus9jCxgm+0whU2+VJjG5SO/XPsTQSO2N827g9x0yQcE0vl09vlyD1znj17mk3r60Fnsm35aYq89c0/y2II3Uz7M+fvVJiPK4HPFRqp3DAJJPAx60yWGQfxk/WuH8QX9/q3xFsPCUN3NY2jWE2o3k8DbZXUOqKitg7RkjJ9M96YHZ31xDa28lzPKkFvEu95ZDhFUckk9hwfwrxzxxrWo+NdLRba4lsrW7kT+ydOWENcai6SK3nOpIKRgr3wMda3beyNx8Qr/wAGalLc63o0mnRatb/bjvkidZAoikf/AJaJkZAY4OPSuy8M+C10W6uNRvLs6jrdz8s95jaqRg/LHEuPkQDAwOvOe1AGRJ4b8aSZeXxbYRStgPs0cEjuVBMnQdKbqvhvXrrwVqmmyalDq+pXKeXFM0H2RIxkcnazZx1/Cu5jtflALdjnHTrn86bJa7uMkD60wPP9a+Ha6l4x0PxPaypY39vPC+owISY7pUBK545ZGxhiMkHmtfUPhzo+tX015dvqDyzYLBNQmjXoONqsAOn610v2Neg5qSO1CsPSkByA+FPhdVw1jcy/9dNSuT/7Uob4TeDQMnw/byt6yySt+pfNdq1up5FR/Z/mz2pgcFqHwj0OO3E3h20g8M6zbuZLS+tEwQ3OVcd0YHaepxWz4T8Tya1p9z/aNn/ZGp2MvkX0Df6oMFyWRjwYyPmznjviumESH+Hd61538ePtEPw9lljMhtvtlqL6RB8wtPNUSdOoAwD7E0AdPa+N/D95exWcGs2ct3I2yOFJQXdgM4AHJ4B6VXufiB4egvPs8mqW4YSeSZQxMQfONpkHyg59TUfiuPR9S0PydKezkulieTRUtW37ZhE5jKBCNo+YDJrz61vtHP7ObaLI6PfzaU9i+n7sTNeFSpDLyc+Y33vxHTNBJ6drHi7S9HuI7WWVp7yRfMS1tY2mmKj+LagJC+54rKvviloNjoaau08s9ibkWcnkQu7RTE7RHIoGUJOB8wHWuP8Ah7a3Hw78YayPGNx9lvb7StO+zX90+EISLEsav0Vt/O0kZ61zHirT5rzQ/F2rw+bFp+v+J7CaxXyyXkjieMS3KpjoTk5I/hzSA9hvPGlta+KNL0FrO+N/qED3ES+UFVY0xu3HPGMj6103mYYgK2RxuYdR615j/ZL2Px08O3X9oahrFuNJu1e7uEDJGzshQbkjUDIB6k16p5fc/f6daYEHmsrZK8UqsWbdt4qw0Z44pwhG33qQK+XI4Xn61Exm9FA/Wr6xgU54V2k0AUI0dhyRTmhdv4qseXznoKcpX7p6mmBVS3fBAOaQ2rE8sfwq8uFBx1pquN/I5plFZbf5eWbNC2q553Z+tXDjOcUh6dKRJWWBfTNDW6t/DUgzzjg0qsd3JoAiWEJxtFKsYXtmn05etBRFJCsqMhRXV1KFXGVYEYII7jmuf0fwDouizWKwCeeDT2LWdrdT+bFaBtwLIh9QeCc4GRXTnKKW6cEj34ri7Nv+LvaypJVDodntVmOP9fcjIHvgc+1Mkv6f4B0DR5zLZ2Rh3O0iwGeQwI5ByyRbtinlug709fBGgWdnZ20Wk2cdrZOZLWNl3rAx5Lruz82T1xxnjmtsL3z3xT/cHG3kkEjGPXB4qQOF0+8tvCN3rVnZW994i1R5Rf6k1pDGnlsyYAKlgu9hGp2Lkn7xAJAM3/Cx0vLe9fSNJvNUTT40lvPLeNPId4xIIwCcmXYQxUdAfUgUkPhfX/DfirxDeaXFZ31trU0d2/2udoJLWVY1jZSoVi6nah65/Cqq+BNb0m88Rf2ZqFj5WuyedLNOsiyWsrRCJ2jABDDCggEjBPoKALem/EUeM2eDwlaw6nbQWsF3PdXEzQwjzkLxxDCsTIVAJyMDvg1d8K+KtR1vW9X0/UNPj02Wxt7ObYsrMxaaMsynoPlIPQdhWP4c+E58F3creHdRitbOe0trea1vbbzgGhTy0ljII2nZgFTxkZ579DovhM6Nruqamb+S7fUIbaF0kjVT+5VlDkjqzBjkADt1oKOgDcdKcWCjjmoxGcVIsZIx2oASOQ7ulS9+Rio1jAOQc1IeaAF3VEzfN609falYe1SBFk9TTlJ2ml2jpS7dvFAEXzc8ULnd0qbA9aaV70ANwaTafSnDnv8ArS8Z60AQyRnrTenBqwdp4z+dQyADDdvWqAaRt7Uq/TikkPQfxEZC9yD04pVIZcKd3H8PI/T/ACKYxw9KY2KM8AggjnnPp1FMzubH9fr/AIGkUGBmkZaD1pSu3nNSA1u1RMpPFPYml+tAEZU01l+U1JkMeKY7Bc0agQsvy9Ki2nBqwx3KcCoZBQBFj3qKRc1IV75pjc1QFZofmyD+FRye9TtxTGxjPWgCsyjr2qOZgBnrUjctntTJFDdKAKrc9qY2OQanZcVBIAc4pgQNGAAT0FMYLtOKftO7BPFRunYGmUV2iG7NQSRhjirLqRk1F71IFRoffFVpkcNkNV1zzUDHmgkptJtGWGai8wf3TVjbt6cmkoKPaRT1U1JsG2m/ypmQhUeuDnrXO694Nttf1XT9SS6n0vVbPcsN9bgF/LY/PE4PDKeoro9u44o27aYGBoPhOHRb681GWeXUdWu1SOa+uAgYxrysYCjgLz9c1ubfSnH3p6rkVIEefloxkZqVI8Nz0oaPuOlAEKrTsd6ftpFHzYPSgBVXioJmaONmA7Vax2FRSKWUgcGgDGaaWSNCH2sTV+NRNCYmUSRsNrpIAVZTwQQeoxnikm04qq4OGzkVbhj243fnTAo6b4b0zR2lfT9Ns9PZydzWkCwls9eVHHSrH2O3F4LlYIhdZ5n8pQ+cY+8BnGOM9atr83Tp0pVjXv1pEkLRhk+ZRIqtvCsqkbvXp+ppd0kkgIdtxG0nPOD15549sCpivakVR1BpgIVbnOTk5K8YGOAP60za27OOo5qX5f71OwGGQaZRF1IxT+1Kq7TzxT+D3pEkX86RoywPNB+/7U8MAOtICNYTS/Zx1zUgYetG4DOSKYDQoXjNHlj8aQsvqKaZQrkk/LTAeykD/wCvSLg8U1pkK8GoVnXnBoAm2jdijyznNQG7AbGM/hQt0GPAP5UATbSM5FJ/FgnGDgkDOKa90McgkegrhvilLJceGrG1ZpIobvV7C0nEblfMieZQ6EqQcHkH2z1pAO1/4qWtrJd22hxR6vdW2TPctMI7G1wcfvZmG3Of4Vy2SOO9Yvh3w/rfiCP/AITHTvFjJrN5GIWS404R6fPEjEqqIwEm3LHEmTk9q6Bfh3ov9ow3MmnpNb2u02WnSYNpaYAwY4VCqGzk72DGuv2yt8+7Bxg4AHv9MfTH0pgcUvxCu9BkEXjHRptCLYUapblrjT2OcBi4BZBnH3wB2p2seLpvEl9/YHhC7jkvGVXvNYiKyw6ZCw4bjhpj1VegyM4rU8ba7N4V8OtfJHDck3VramCYZQ+dOkXI6EYYnGOcY71i/CCzt7XQdaS0hS3gPiDUykUaBVVVuGRQAOOFUYI6AY70gO10qxh0ixt7KFpHigQRpJM++RwO7serE5P4+1SzUq25PJNMmt+nzUFD45Aq4P8AKnbx1zxUYs0kxkHP+9SizReCnH1pEkyzKeNy/nTHmCnlhiolt4/M+Uc1MYBj7oJoKGrdRk/K4NO84Bh3/Ck8lcjCgfhipdoC8D8aCRrXCjotL9oUDJWg471Gx3MAOBQUK8zFhtjOPWkaSRudvFWFcKuM5p4z1P5UAU/3mM7f5Uv7zHA5qz36UuPbigCntmbOdoprQ3HZ1H4VdwKCuelAFRYZdq8hm+lcv4+8XP4J0UXxQ3t3c3EdjZ2oO0SXEjbUBPZQfmJ9FNdoq45x05rjfid4Fl8b+HYLWynittRsb6DULJ5xmMyxMdqt3wwOOnemBz3iDxfr3gO70qbXZ9Pu9J1K9SweSyt3iNnLJ9w/Mzb0LDbu4PPTpS+F/FOufESXUdQ0m9stM0G1upLS3e8s/Pku5I22uzcr5a5BA/iOc4NTeIPDut/EO40az1fTItD0qw1CHVLlWulmmuJYi3louz7qZOWYkE8DFJ4N8F+IPhy+p6bpNvY614euLyW7szPcm3mtvNO6SOQbW3ruJxg5xTAzLrxl4m0Txh4Q0nxFeaZZrqltdS3zSQgbGhOMJJv6OCp55q34L8Y3/iPxx4v0+XWLS50jSTb/AGdoIwA/moXJZ954XGPxqfVvAuvav478J63eR6be2uk29zHdBnxvefH3I9hG1MDk8nFV7Xwa+geIvGOsavbaYvh7VktESGMPIYxCuwCSJUAYMzZPI4HNTYZ6BDH5kausodG6MpzmmvbsDxISDXLfCGzudN8Ew2k8UKCG7ukhktlaOKeMzFlkRG5UHccJ2wPau0wvOTyACR6ZBIz6ZAP5GgoqrG3TdmleM44OKmx82Bz9P5/T3pn3uxx64ppCuVTDJzh8Uz7PIc5kzVwgcc9fem8dB19O4+v50xlMxug+9ULRzbs7wB6YrRMeeajeH8KQGa3nbvvZFN/eVfaPt1qNo9vNAFF1l69qiy3PFXWU7s9qY23OMfWgDNZmyfl4pu49Mc/Sr0kYwTiq7KDx0zwTjOBQBSkkG489Dz3xUW4c5NYOm+O9K1iazhhgvoorx2SzupbUrBcbdxJRsZ/hb72OldG1qPrQBA23sagZtzcc/hU8kCrnPA9c1zviDxFB4dmsoXhuL29vXZLaxtow8rsF3NjJCgBeSSQB9cCgDZCjnPB61XbGSK5iT4jaZaO8N/LcaXPHLHBJDeW7qyyuMonAIOexBwfrWtHq9tNfS2aXUMl3EMyQLIpkT/eXOR170gLUi1XkwvNTO2QT6cdKrs244oAhbvTKmKgg03bQB7YZ1kxyKZJIuRg5FPS2C84FDQr1wBQQNLDjJ4o81F4709Y9wPrTvIHUgUARNKrMBQJF6Zp5hXsKXyBxnigBvmDr1o+0oo6YNTrGOmM0yZFXHFAELT5HFIki4Jb+VTfKR0pVQBTxQBUjv1YsArZHqppyzFm6cVZWMbskU/aPTimBWaY8EjpSK7spJX6VMwAbBHFLx0ApgVkmkZseXtHrkVOpJ605lC8YpeKkkj/eLwBkU9VduSADT9p9KevXmmUQNHI3Pyimqkq9wKtHFJwaYFdoZTzv4ppikUZLYFWtpbjFOMe4YoApLbseS5xUZsyW/wBY2K0BGAcUFBUklZLfbjnNOaFWGMZqxt4pAtMCv9l9MAUjQgDBxirRxUUin0pgMWJNgGBmoXj56BatJG3HHFMkTORUgQbfl9TTFJHarCxmlFuY+c7gaAKrjd04Ncb8Tvk03w4CflbxDp2f+/2a71rcMpPesvxJ4XtPFWlNYXbTwqJY54ZrVwkkUiEFGU9MggdePWmBdPysflzwMe/v+o/OhpCynjHYg9j6GvHfEujeIPCeqNq95e3C3BAT/hKNMgLpKijaEv7TJ3cf8tF+vAGK7bRfHUMPhGPWfEEun2MROyOXT7n7RHdc4DxL97LEgeXjIJpgS+P9JufEmj2VjaBGf+1LK4lDEDEcdwrscH2FZvwdYv4PmnJ+abVtTcr1/wCX2Xke3T88VMNN8QfEBN90l14V8NyHH2ZH26hdx9y5/wCWAPoPmPTAzmoW8BXXw/m+2eCbQPpkjA3nhrziivnIaWCRj8shHJB+ViaAPQo/mXIBY+wzTJWBYD16HNcRP4/vJrXxDqGk6bb3WmaHLNFOZJjHLM0IBl8lArAbeRz1K9sg03S/G9/48bU5/C81nb2NmI0WfUYnZrqZ4Vl2hUZdiqHQE5PJoA7yNflBHI7Ecj86GUsuRyOa8g1/4pa3pK+OI7uSGHUdGsoJbM29g0wMrwCVhKwJHBAUZIG0E54r0Tw/4jsr6O0sJNSguNZ+xw3E8CfI3zKCW2/3cnp2yp7jMlGvHGQxJHNP2mplUYyakZRxQBTZDJxjFS+gIqbaPSmslBJBJHuOQcVF5LFuuauooPSlCbjwKAIEhxjNSkflTtnbvTo19elBRHtp23ipGUZGKjbrjtQA0Yz0p3akGFyDTSwzweKADHWm4bd8vDdj1we1OJAGc1CZgSQpy4ONvfPXpQBzWi61dX3jTxPpLsrWenJYtbqR8yiSEs+T3y2TXTcLgbRXm3hnxZol18XvGNvb6tZyyXEFgsQSZT5jRxOJApz8xXK5A6Zr0R7gR55+6ec9qAJpAuOmD6Vzfj7xJ/wg/gnXvEAjM39m2r3HlZ/1hA4H0zjPtXQ53v6H+63FUtY0uz1/S7zTL+FbmxvImhuIGx8yMCCPY+/Y4oA4fT/DPiHXfCdlcP4s1FfEN7BFcNMsgNqHYKxiWPZnZhiuQd3AOTjFUPCeo33xSvvEt7Pq1/pdjY6rNpdna6XIIkQRn55n4O9ixPBOFA963NH8D63omlQ6O3ipp9IgXyl/0AC78kcLH53mYxt43Fc/TrRH4Hn0PXNV1Dw9qkemJq0wuby0ubT7RH5wCgyxncCpbHIJIPJpgYPw98SeJvGVjd6dKbDz9N1O40fUL1naKV/LdQs0QCld2xuQ2BnmuX8JfErXLXTbrR/FV3LBc31vdXGh64AqtOE3gROxXAlXZnHcA4r1Xwj4WtfBultZWkslxPJPLeXN3OoElzcOctI4XAGeMDngYrFm+Ftnq3gebwvrdyuowtLJNFeQwGGSCR3LiRPn+8rMfYjikByEnizUNG8X+BIr/wARX50rVdHe/u0ZFkWSYLGR91CcHzD044rd+GPiy78SeMPHML6tPqOmadcW0NlFIiqI1eLe2flDEhsgHpgfSp/+FezReJPCeox6rDt0HTm01YZLVt8ysio7lw/yt+7BGOOTV/wz4RvNB8Y+Jdcmv7e5h1qSKQ2yQMht/KjEagEvjBAJPHWqGdht3HP8qjmyrYxihZlkUlfSud8RQ+J5b3zNG1PSbWz8sKIL2zkkbd3bKyAfpQUbrEdcjNQtJuz6etch/wAXEiwBdeF5wOu6O6i/kxrI8UeLfHHhDSbnU7vTPDl3BbBTItvfzo2GYKCN0JHBYHr2oA9Cb8vrUMin72Dj6VyH9veO4SPM8JabIf4vI1oZ+nzRD+dLJ4t8Ux583wFeEAZJt9TtZCfplhQB1XLYHr0qBvlZTkDJ+XngkfzH061wv/CZeIvFmo3mk6JoiaFNZmNL271tkk8reu4KkUTEOdvqcevpWroPgW10fUP7Uur291zXPLKf2lqEuXUf3I0X5I07YUZ96APMNDvLfQfFWgnQ5JBY6lfYvvCt8jM2mOVkLzws3KIMtnPGCcV7S2cFtoAIzuBPYn/61WGkYfLnKjgcnJAIwPTHX1ribvwzqXhO4lvvC37+1kcvcaDNJtjck5L27E/u2JyShO1s9RQB1Ug27gwG4fwt/npXA+NLCax8WeG/FCQTXNnp8VxaXUcaGV40kAKzbRywBXa+MnBq3cfFDRV0YTW/nXN/I/2WPRVURXbXB/5ZNGeVPXLfd25Oa6LS5L9rGB75IY79k3XEdmx8sPnkKeuBwD2yKAPMfiT4gsNT8PWVzY3Cof7Y09UvLiNljfbKRgAlS4UHJ5+6xHY0ab9vsfiT4ouLm3j1K8i0mxZEsIxHvUvMBt3njpzlsc9a9MvoIryMx3EMNyndJEVlJ9eRjP0FZGoeG7Nrq4vbSzsY9WdPKNzNGSsqZHyMBg7SM4x0zSAbpeoQazptpfQLIkFzGJI1mj2sAeSPrn8xz05p8tsGb0qPw7op8P6FZ6eZPMaBCu5RhcFiQoB7KCFHfCircinnikBRaHy1J3ZNR5arUinJ4qHzFoA91UU7aD1oWloIGLHjpS7T36U/FG2gBnFLt5FLtp3GKAGlcDNRuu7FTYpqqTnNADdg4pGXH0qbbgUm0UwGKBSNhRninAD8KryKWkyeAKQEElwfM245psEzyN0wM4zUv2Pfcbv4cVNHb+SpCjvmmBA0jpLhuRQrSbSy8elTG3G5mZqjMLbdm/g84pEliN9yDI59acQdue9JGuEUdxUgHamAiL605Up23FKBTATbikAO6nMcLSD9aNQHbOM96YPvU8ZpnQmkA7bTVTrUu0gDilXCgk9aYELJSsnSns+O3NKSGX0NSBF24pu0dakC9aRcc0AM4PGKftHFIq4bpUjK392mBHt/KmMo6U859DSbdw9KYAoxnklWGCp7/UdDXPaf8O/DWka2+rWOh2drqD5begPloxGCyp91HIJBZVBOSO+a6JVAXOc0v4j86ChqxksST8x/iI5/n+tDKG68H1p69RTfvHFBJw918N2kj12ytdYmsdF1u4lnu7NIt8kbSgCcQyFvlV+eqnHt1p1r8NbTSdRvJ9E1G80K3vgn2qytUjMUhRFjQglcodi4OBzgd67dVG7HX2o2gnpQByDfDfTrhfEqS3eoyx+IYUtr5DOozEqeWqqdmfubgSSetPsPCMtn4vtdS3CO1sbB7CM+aXe4VjEQzjACkeX2zngdBXYLFjnB/KobjOxgjKr9t3SpKI5pvLjLKv0pkEzSIrNwfSklU/ZSGYFvahYy0IGduBjNBJKZQrYJ560SSdD1qs0LLMCoZzipZImdcEHngjHY8H8aAE+0B8HlfSnw3m53BOMcA147p/7UPw/u9Wl0/UdQm8P31vK8csWqQFFWQNtKhgCo6dz3r0jw54g0jxLGZ9L1aw1OFzlWs7lJc/8AfJNIo1rqRxIpVs1Ms4ZASRx2zThaJIwzUrWcZxhVBHemBT+1mRiFGVXqfSmtdYwc5yastY8kqQuetH9nIeRxj9aCSpeScjPQ03zmZcDPAzjHpVltPyDkk+lSwWwWaIYAORhiM4OeuPbrQByfiH4kaT4Z8qK6lkn1O44g02zUvcS/RR0HqTgAZ5rzjxFrFzrF99i8SPNEZlPkeCvDziS4kX/p5mBAVT6Davu3fqvhV4bt9U+HTXccs2natrElz9r1a1x9skxcyKP3jZIG1MYzx27V2HhzwXo/hO3MOlWQtizGSW43lp524G6SQ5ZyevJx7CmBg2fhLTtY8L2Wl614a02xCruNja/Mlsc8BJAAd2Ap3DBBGOetY7aL4p8G27Pot83iXSIicaXqso+1xJ3EU/Rvbfz2zXprR5bBOR15H8qjNjH75+tIo84X4u6BDDdm5ln0m/tUy+k3URS9DZwFWPBDkkjDKSD9K2vCM/iKa1uLvXmW2ku3V7fS1Uf6BEFOEdv4pGyGftkACuU1TU7fxT4i8EXhsUiktPFd1p4MgVyfKguFB6cAlQcDp1r1RbdduDnOMHnPck5J6k5Bz7VIFB5HOMPnNMWVhjcelX/saAggcDpUTW69gRQBn7gs0h3HPvU6ucZxU8djC2WcEk1N5Hy46jtQBnKo8xuOvenTKPKZc/Nirf2cZNRrAFLhuc0AUo1MEQyAcDnFQSTBmUYrS8lFqCa3D4wenWqApSMVY+mK4L4xKJfh74iZQMLbIx/CRT/SvRbi1DKWOVAGSSMYA6k+grzr43XmnaP8N/EEN9exWtxeWkiW0cjgNKyAMwUd8AZPpTA67ztzK20ZdckfiKie72q2RjH+1gUWrWtxEhiuopAFUFllUjkA9jVLxXppl8Lap5dzPayR2ssyXFrKUdSqMwKsP938elMZzug3hHxC8cErjc9iwA54MJGfplTXXtcBQMjaSO4xXhth4u1NvDc1hrE/2Hxepsbn7bDEo/tK3d40SX51OQFkYMOxIPHFe2razRw7drlOBkqOeOvAA/SgoVp1I5qCS4iYDnI+maWaGTIwjbeh4qq8ZyV2tx7GgDznxloJ1T4q6feWN0dM1aHRZpo7yMbskSorJLxl0ZGwe4wcGug8P+LjfyTafq1qNI1i3j864t2bMLJjAlhfo8ZHfPy9DVbUIQPiVpEoyC2j3O0jnlZoTkfQ4rZ1GxOqWNxYtL5KXFvJb+YeRH5ikEgYzjJyfp0oAxLX4iWOoWVvqCWd8NLuJFitr4wAxTszbV2hcsATjBYAHI9RV2x8baHqllPexanALaGY20jz5i2SgEmM7wPmGDx1rlPBWvW+i+F9M8NazazQanYRRWb6f5DsJTGcK8fG0oQN2c8YHcVwOpzXk3w98b+XeadcWCa7cvPE0TNIi/aonyGDc8k8FfoaBXPfpJBIeCOOOD1+nrUEjAZHesZPEyJrzaQ1ldQlITJFcPtMcoUqGIweBlh161qCYSDJpDIrjlWx6Vm7H961JCoFV+KQHu9A60pB60gXNBA7HvRS/wAJpNtBIopSKQgrRyaAe4A45pCu49cUoU0vFMoTb+NG04zjinjrzS+1MkiVad5IJp6rzTsikUQ+XzxR060/o1N64PamAwqGquuTdOOwXinzXAjBIOTVdPN371OQRyKkC6g+YZqXioYJg3DcH3qfAPHFMkPSl27uvAp3GKeoGKYEaxh/wp6+hFM5EhNS7Nw54pczAYqg5A603ySzdKeq+XSK3zUwEw2QDxSGP3qZl3c0w+lSAzyfmB7Uu0r0qTp1p23IpgQc46UbAMelOfMbDin53LkjFAEZC8HNUNS8RaVpMnl32p2dlLtD+Xc3CxttPQ4JBxWoqjg9Rn0zWVqHhbRdUuhdXuj6fdXmwJ9pntY5H2jPy5ZTx+NMDDuPij4OtGZZ/FOjoR1BvUP8jVb/AIXF4KhbA8Q2sx7fZ0kmJ+m1TXVW+hadZhfJ0+yi9o7VF/kBV+EmDPl/J6beP6UAcGPjF4YkwIJdSuT2EGlXTZ+mI/61KvxQt5f+Pfw74qul/vRaPMB/49iu4ZpJGBeVm/H/AD/KnY+U4Y5+tAHCt8QNQkTFv4E8UynsZIIYh/4/KKVfFniiZT5Xw81Eg/8APxqVrH+Y3n+Vdpg5z1PuTQqk+n5f/XpAcSuteOJjiPwdY2wP/PzrS8fUJGf51G1x8QpMhdL8MWvvLf3EmPwWMfzruPL3ZqGRfLODjHpTA437L8R7nrf+E7Qf7NpcTEfmwp66F48k/wBb4u0m3Hf7NopOPpulrs7cBu1TiMGkBwn/AAh3iuZsy/EO7j9RbaTbr/6FupT8O9XkO6b4geJHPfyhaxD9ITXdeWB9acFGOaAOFPwxjmJ+0eKfFlz6/wDE18sH/vlB/Klb4R6PIAJ9Q8Q3MZ+8suuXPzDuMq64ruVjFDr+IoA+Rbf9jXV/FniW/wBY8Q6vB4fsrydpU0+0Zr64Vc4VWkc7c7QvzfNzur274a/s++DPhjcR3ukabI+qLGUN/ezmWXng4wAq5BPRR1r0tY168GlC4bNMBkcY5x1p+3B6U/cF6CjcGHvSKG4B4xim7fyp9IaQCBA30puds0YHHzCnrSMm6RO3I+bH3eev4dfwphY4L4KKG+Hdkd2As96MHjgXkv8AjXbBcc9O2a8t8DeIm8IeH5/Cs6JZeKYZ7l7Sz1aRreG8V7iSQMkoBDAqc/KT15xzW/pPxNspdRTS9dtbjwtrMmALXUCBFM2P+WMoyjr/AMC3e1Mk6mW4EcgUjn1prXAjj3b8jOKbcwySXQ2qcqMnjkAjqfzqrdOLGyknmkS1tosvJNJIERV75Y8CpKPHdMbyr7w9znHj/UuRyB8l1XtoIZCW+Xacfjj/AOsa8c8Qa5ceJLjRdR8KeHLjVdH0LVDq1zeW6CGO6JSRHECk7pW/ek5AwccZOBXqXh3WrPxDo9vfWE63NpMCImDdgfukdQ4LYIPPGOtSBJdXRULt6g9PxqGSR181hISSOPalms3uJw2dpyMLketI0EoWUN8ozzuGMcZ59OPWkA6OYr5ZLE/Ln8asPcB8E1B9ldlUjDALzt/n9KI4XXdxypwfb/ODTAZNclZRtPy+lSLcBkz3qBrFjKG3ZHpUj2h2gZwO5oArXF23O0E/QZrN1rxZp3h+3ie/nKGWRYbeOGMySzyE8KiAEsevTp1NX5Ld9owvQ564rzf4mafPpfjvwR4lnieXSNNe7hupEj3fZ2liCpKR2AOfm7ZzVAdF/wALIsLq21IWNheXOr2UYkbR5o/JuXBOFI3YG3PVhkDvXnTWeqa54ivbNJ4NR8W3kPk6pqTLvsdDgbpbxKeHlIySvUkbmwBg7NzN/b/xo8K3miz/AG+20exuhqd5ayholWQKYYvMHDHdk7ckgjOMCvQtP0u00wSpZ2kNossjSyCGPb5jtyzk5yST3PPHYUwOQX4O+C7DS7a1Xwxp9ybeJYhNNAnmvjHzMygcnk98dKvaT4D0jR9J1Cz0qzj0f7dH5TyRl5hgqQTsZto69q6mVfLRuc1XjkdlxSA4TxF8KrDxBoeiWF5dM97orwtaaiqBZAqMpZGA6hgq5HQFQR0rU1zwDoXiTUG1C+s3/tB1w1xb3MkTY7DKsP6VuXCOZiarSM+cZxTGc03w5jtkA0/xL4k04r0B1D7Sh/4DIpqCTwz4ttMLZ+MoLtW426rpEbfm0TIf0NdRcSbdg3fN6VH9oZcdfwplHnl9Jr+g+KNM13xLFpkmk28M1g11ppkHkmVom3yK4+VNyYyCQM5OBk13kipJkDY/GckjkEcdj/n86LiVZo5IZo1ljkUo6FQysh6gqeDXEXF5F8NfDjCW4uL6BrlLXTLFSPMDSNhIQ57ZOQx6AH0FAHYtD5iMFZijYwAchuOnHB+nbrWTqXhbTdQtbi1urC3uYJuXSSIbTxjnGOc4OfUVnzeNH02Z49fsBogjtJLw3DTieAxKVBG84O8bhxj86saX4w0/WZYoY/tEFy8XnxxXds0LSof4kBAz/SkQZsfg+SDxPHqvmQJDDA9tGsSt5zoxUhZGJwVUqSMc5Ye9a8kZ6Din2+sWd5eT2kN3bzXUOfNgjlVpEwcHcoORz606e4WN9jYBz+H50yynIS3U4xTNp9asblmGVIYeoOaPK9qQHvK/doUDNP20KtBAyTqMdKCe/alZTTRy2KQCswbGKFFSCPjrSiPd9KZJH7HilX5etDDHFLtLY44pgOZhimNT2C7elBSgCIsV5xmo2m287GNWfLNN+7wakopSXj7gBbuR9RUP2ia6U/Jsj6D1rSfBYA+tV7HHl4Az8zfzpgVo7UyYH+rHfPer0NuETCcegqdYx1PSjaF+6P1pEkTRjaS/J9R2qtGrwz7d2UarTtkH6VVhf5gDzzxTA0EUsucVL/CRio42+Wn7vemBEytuyBUm1uMigc9KkY/LSAh2fN1oWPbyeBUu0H60nApgN5/ClZOM96lOMDimZx70gImB3CpFO1eaezLxng01sbTzTARcSZyKQqeg6UkfcU9uPrQA1TtIpszbiB61JtyM00AbuevakAzyivJpQKmX5uDSlAKYEDdMU+PjvmlZaXbgVICDHQikbavQ0tPKjbmmBCrb+2Kr3EZZs4yKuquFPFIIwfvUwIbdVVc4+apVU9acsYXpTwuKAISDmlVdwqTZ81SeWF6UAV+VYelDd6mK0nl7sD3oAjVSeKdtCsAaljjOWLDHPH0pNvzc9aAGbQwwKYse05zUox1zSAc0FDFXtSMCvbipTHxR2xUgRqpY4p7KQOBn6HBpeF68UuR60wMvXtDsPEummw1awttSs2OTDdRLIoPqAQcN7givPtU+HOr6XbtbaXPD4o0InB8O+Im8zavpDcNkrjqAwOMcOK9TZe4GahaMFsn8qYHlui+Lo9D0mHw5onhLXjrFsWC6VqG4Ja7jnLXTMU8rk4Kkk4AAyRWtbfDu68Q3EN94zvv7ZuY/mj0iHKabbH02femYf3pD1HSu/Xdt2MxKLyq9s+3PA9qRgS3TqOakkqKphMYUBEjwEVOAqjsMYA+grl9cXSPhzpPiPxSYpo4YrT7TdWtu+2KRkBIKIOFZiwUnPvXZGPPasPxd4ds/FnhvVdDvy62eo272szR/fVWBG5fcdR7igo4DVPE/i7RfALeMZZbG7SGzTUbjRY7Yr5duVyRHLuJ3qpycjBIx3p2k+Orn4ieKrzS/Dl1FpunadZWt1cahNbiWaRrhN6RRKWGFCgEsecjHepbrwb4r1bwG/g67/s1LWS2WxuNbSYlngGF3JBs4kZBtOWwCc84pNP8Ahvf+A/Flzq3hKGzu9Ov7a3trvTNQnaJ1aBPLjlSQKwJKYyCO3FFgM7xp4m8Z+CtPtLi81DTVjl1u108Xn2PMRtpFH7wjfw4Ibjpx9Kut45ubv4raP4csdW0690q406e5cwoskiyRuoKB1c43Fgeh9Km8feCvE/jPRtMR49JM8WrW2ovavM/lxxREExbihLsxzzgCk1XwTeR/EbSfEUFnYWml2OnXUF40cgjkPmYJZQqfwhO5oA7mOaO4GUZGUcfIwbB98d+OlDqSw9K4D4X2sMOveLRYRWg0eae3ntJtPDCH/VshTDH74CqzEcEv7HHopXtQBU8sE47Z5+nekKls4O3cMHJz9Nw6GrTR46VCV60wKiwJDF5MarHF/cUYH1OMc+/PHFMaMLxjj1qwyndTSBmmBUaMfWo2hVeVFWJF5wKhYhc5NSMrSxBucY96rSW6NkFcn1q633QO9V5KZRSks0PzbAcVTuLX5l2/d71qscDmq8pDdqYGX9gCszZz3Fcj8RvCd5r2h2r6fiXUdLvoNTtoWYIJmiJ+TPYlWOM8ZArvGxUDAcjpSA8p8dC88ceB9S0/T9F1CO8WFZzHeQ+SCyOkhhGfv7tgGRwcdayPGWtr4ruPCVv4cu/P1pLqadkjyJIIzBIrCX+6N20bTjtivZmjPJU5I5B5GD+dQlT8+AFYrh2U7Wfv1Az9PfHI60ybHhVvcRaT8D9A1ayhWHVdLNrJ5zIUk+0NMqTRyEcsW3PkEntVTU9XuNF03xv9hOrWtzbawFgu4/MkiVS0X7vJyEGJG6+or2C+8HaNdasupS6Zby3iyedvYHYZMj5yn3d3H3iCfeuc1j4c299o+u2VvqFzbNrExuJpJwsxWQlMkDA4xGooA6BmEcmxnZv7rMOW65pfNHrUSW8hU+ZtEmBkoMA9zx25pfs7f3qCj6CbApU96URlm6cU5oz+FBAxlFKsY604w9OacsY9aRInHSmcrmnyY5xTRHxk0wGBdx5p+3HFG2laUYwO3FSA3bSM3IAoV8VJlSuT0oAB0JPSmFd3IoZgBwKRZti8jmmAyX93yap2LMtsGIxlj396ndmuGIPC1H9n2x7VO4UwLsci7eufpUflgbsdTVWJjEmEH1BqzGTt3Hj61ICbdoJPWqwhEc8Sg5ZiePwqysjTSYQVNHZqs3mNy5/SgCXy+OOlN8vHOc1Mw6CmqPWmBDGnz5zU3XihVFPUDNMACjpTGx0HWpW+7xUR9+tSA7+GheDQtOxQBFtLNk1J5eV6UhBFPVjtoAjVQoNB+YjFJtJfnpUyx8cUARjkYpQoxmnKnzYPFNk+Y7elACjAp1MRMcU/Bz04pgKynjmk2/LSjnrTgpHNIBmzvihl6Yp5HejaaAGqlOaMUq08KfwoAjUCl2jpmnED1pKYCcDil7ZpMc5PSgnsKYAuOc9KaWCtSqduaPvcYoAVWzTW+9SbtrUx25qQHnqMU4DaM1AG5qaNvyoAG570Kdp6ZqQYalMeKZRXkGcmkHSpmj5waZ9OaAD+Gl8vuaVV3c0gYk4pkjHXbTallFR7T6VJQlQtEJCc4qyMYqFouc5oAgMQDDHWkZMsWIqz5fy9KYxABA5NAEBX1GKiKncGHy49DjPtVh23LwKibhaAIpGd3wSSB6tn/D+VNIxT++aQ88UAMbpzUO2p5MbeOtREHFMCCVdtQFSMVPK2Wx7Z9qY6npjn+f09aQEW0Gq80QbjpU2/DdePrTJMdcjH1pgV2h2CqsgBbFXpeVz2qo6HGdrD6gigZXmQ7eKrMCO1XZDtFVJVO7NIogkY9MVEyjFTyYxnvUTfdNAFVuMioJvarbKKryYoApspPfIqtKvzVbbgn0qtN1oArsQp5FM3CnSjmmbRQB7+qBec0pwV4pozzxTloMhGGaaqlec1JtNJ7UAM28Emk8wLxU20beahkTOcUAQNICxwaoRzfuWO7JLVoRQkK4I+9xmo103y49i8jrmgBIoy0ZJ9KiEzL8vvVxYWVdobBpPsYEeM5b19KAK7MY2XnOatRxo2CR81N+zMWGeRU0eFYg/hQAqwrg8U9IVTkinrgDNLjNAFWW3Vs44qOO1Zj87Fh2q6wGKaowp9aAIkjEbADgU9uoxTgvzZNOZfloAYc0/jHPWhaU4PSmAKuaXaKRWC8HinL+8PHNMA420qxjrQVxTl4XmpENb7pwKa4xin8c5pg+ZuaBgq547UjfLT8H04qQQ7lzigCvGuafyKf5eD04pxUUARY3fWl4J9aUY5pNpVs4piE4zTunWnsQwyRjFNh5OT0pjG8NwDUikKuCM0vlgc0qgYqRAYz2OPahk+XpzTl+bg8Uuw9jmgCNV4prMe1SgcHNN2UAGFbjOPWmLhWx1p+0dDxTW9BTGO2huaNopi+h4qVc7cUhERA3UpwKV5McYpuS5C4oGI0eRmo3TFW1wFINRfKSdxoAhCVNDH7Um4LyvNTxjcucc0wG7NrA9/Slk5INTFAaR1GKYEbKGyaY0a5HpUu35aa+G4zzUlCFQowOQai8vLYqfy+nNIVOeBzQBBJHzwaAvqal2HuKXbQSVWXbmm/wAVTvjdTdu7jFBREcjoKhMeTk8VZKYqNsc4oAhZRj0pNoXk9Kfu202Rdy5FAFabHJqHaTkip2GfpTVHUUxldiR1pvVeOanePNRN8vfFMRzHj/xFceD/AAnqWu21kuoPp8XntbPK0TOuQMKyg888DueKxZvilpEXwzPjYq5sVtFuPs6EeaZDwIvdt+FrX+Jtvd33gbWbWxtbi8vp4lSKO3ALlt6kYzxxjP4V5hc/DnWNL1LxDbwW8zeEGhm1jT7MRFphfToyeUEAJ2q7NJ0wCwPY0gPRvDXixfFHhrTNalgXTor+KOSKKWcSAB1DAZOBu5HAz1xT7/XI4TqEVmjajqNjCs0mn22PNO7OxeeAW2kc14ZN4Xujofg+DxFpPiB9DXw8mkyJZWIlns7peGLIyE5IAAdQBxycVH4i8Lw6R/wsJZ9I1G1vbvw7ayWVzJFJJMHWBg6tNGQvml/LHvj82B9Dx77iOLcrxKwBbzRnZ0GPTjJH1Fc5/wAJpp63WmW08N9a3WpTTQwQz2rqWeLcSScYUFVYjOMgZGRXljapLD490e6S4n1OKV7GE28Uzx3NmfJ5KKBtkg6s64BBGSeKq+H9YS+t/h+bnUmupIvFmo2/nTTiR/LVLlUO5jyNjKAT6igD2yx1S31m1Nxayb4RI0J3IytuU4IwQD1HXoe1PfawGCOegzzXiej+IvE+qXfhixi8VXEUt3q+qWE1wIoZWKwl3iJBXAGB1r0b4a69e+IvAej6hfSefdTRsk0oXG5kdlyQDjkD0pDOgkXrUDAbTVpl+Umq7Dg5pFFdu9VZPvVcdarS4FAFWQA1XmWrD8nNQS96AKrelR8U+SoqYHv7dKePuUUUjIU/eNIaKKAEpDRRQA+NRtPFI1FFACY4pq0UUAOHWkIG6iigB38QqRe1FFAC/wAVNP3qKKACn9qKKYBiiP71FFUASAbulJHRRQIcPvCpJPu0UVBJGvUU9QN54oooLButNLH1oooAkT7ppE60UUCGt9001u1FFBI9e9C96KKChcncKcPumiigkaaehoooATPWlU/MKKKYCS9qT+GiiqKI2qVegooqCSCT71TRj5QaKKCxrMd3WmzdKKKAI16LVuEniiigCYdaVulFFACfw03aOuKKKAHikPWiigBmTuok+6aKKAIP4hSyfdNFFBRWYmou5oooAa3WnD7tFFAyu3So1oooKBqgb71FFBBG3+uRf4euPpzUdwgh37MjnPWiimBXDFbgqvygpuJXg5+vWoo5XjV9rsu0bgQeQfWiiqApyMZZJGf53jbCM3JUbSeD9RVCTTrO8hm8+ztpfLY7N0CHbhm6cf7K/lRRQAxvAfhy42l9DsNyOxR1t1VlLcMQQMjIAzS2fhvTPDEL2OlWUdjZxlisMQIUZYZx+dFFAwk6Gqr9KKKgoheqk1FFAFdu9QP3oopgVpe9Q7RRRVAf/9k=)

Для получения кислот, производных оксациллина, требуются специальные реакции. Для этого сначала получают соответствующий оксим бензальдегида. Путем пропускания из него газообразного хлора получают хлорид бензоксимовой кислоты. 5-метил-3-замещенный фенилизоксазол-4-карбоновую кислоту получают взаимодействием с этилацетоацетатом в среде метилата натрия, а затем с тионилхлоридом и хлорангидридом.

![Diagram

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4SS2RXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjEzOjEyAAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAM4MAAAkpIAAgAAAAM4MAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NToxMQAyMDIzOjAyOjI2IDIzOjU1OjExAAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAEwoAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAdQEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A9Vx6UhKoMuQB6mszUWNvMGcEckc+xxT8UAAHtS0wFAoxSAWjnFACZxjJApUIbkDHJH5HFAD8UuKAEoxQAtJQAmeaKBlO9umtfLKxl97hTjsPWpQrJFjduYDqaAKtqbndmZmI2jg7eG79Kmc89aAI2xUD0AV3qu/SgZWkqpJTAgaq8/MEn+6f5U0B6HxVTUEjkgHmFgoYD5Tzz8v9akRbyAuSe3pWdJrcEShmjlwUEgwAeCCfw6UCNCGYTJuAxglT+BxT8jFAC5HrRuFAC5Bo3AHrQBU1COKeBBIzBRIv3fUnaPwy1XHkWNGZuijJOKAKB1mBZ0haOUM6qwwueGDEdP8AcNPOqxBpFKSLsjMnK43AY6f57fSgBqaoJLpbcRkMW2ls8fxe3P3f1q5+89aAGSzrCVV2O5gSFVSSQOpwPqPzpLeYXMKzRPujcBh+IoAkKknqR9KayH1NAFS9n8tVSN2Mu9TtTk4yCf8Ax0HjvTxKkkZKyjBO0H39MetAGedPu/s4Vblom6sFbOTnJbJH14pktpqDMjG6U9chcrzuBz3zxkY96BjLeK5tbVzdzF2UAlgSeijP6gn8aaL+AorrLuDEgYUknHWgCu1/Aw3C4AQgHcQQMHocnse3rTGmRidsoyM5yemOv86AIGnVgdsqHHXBFRSk8UDK5fjkVHJ80Mn0NUgO+zt6d6orFLeCOWcqIWUOI1z35GT6j/OMVJI/zJFu0txJuTbuJYfNxjjP4/p71OIowciNc/SgCYcIAAAAOgqK4V5IWWNtrHoQcd6AKQgvt6Zn2CPGSeRJyCe+e3t6dKJLW8YH/ShkljkEgHIbHHbGR+VAGpG6yIrKwZSMgjkGlPXtQIofvr7Yz4jtjtkUA/Me45+uPy71Ks0wvFt/MVgVLltuGwMDB7dT1/TvQMnSCFSCkKKR0IQcf5yfzqbAU57/AEoELnAGKaWCgk5wPQE0DIJGhkdXaOVmXO0hGB56/h0qKDFrGY4LOfbnIACjsAOpHYCgBun6lc3lzLFNpV1bLGxAll27Wwe3Of0x71oSKdjY64oAp2VvCttFKsY8x0BZupyQKj8onWNzRLgQ/K23nOeef89aALhXiomT2FAytcpi3YCFpcjBRCASPxIFZDwL5gf+zLgEdPnTj8Q9AEL2Vo0IjeymRQANpyRgdBwT07enaq11ZW0wcMJzvUq/yNlgcZGce1AFS5trff5sskqHn5pF2jkAHqPQCqogLxhbS7RlRg2VIJJ9/X+tMCyrCSNWBVgQDlTkGkI+RvpQhndls9qoxtc2xWJ1EkKqFVlHIwMdPy/XmkSKwm85booowpUpnnBwevTPHT680thfG+UzojLAw+TcMHIJB7n2oAulj0FMcCVCjA4PoSKBEYtYenl5+rE0C1g7wJ+K0AR6dpdnpautnAI95yxyST+dXiTjpQBmrLNarHDPHmJVCCRMnoOOPfH6jrSr5v2pLoR4UKU2k/Ngkc/p0/8A1UATWOoC+UzQjMBA2NjBJyQf6VcDnHNAAXNO8wDg0DE3+nNSKQTQAYO/INO3cY70AU3sFSTzbdvJbuAMrjp0/wAj2qX7JF98gtIDnzCfm/PsPYcUAVrCK52eZeZ8/AU9MY/D3q2VoGROKrutAFC+tnniCxymNgchh9D+dY8thqZJ/wBNA6BSCRgc9scnp19KYC20d6hkF20bjOVK/U8Uk0KOcsin6igZQt7G3sYfJtowiZzjJPP41JjGaEB2xcE4pnmDpSJAsGBBAIPUGkXZGu1FCj0AxQIfv5pd4zQAu8Ck8ygBwejzOaAELA03cucY7YoASBYrdCkUYRc9FGBTzMGHHrQArS4xkHrTg4Y8ikA7dg9KRpMHOOlAEySZ9jSlxmmMUkkcd6o3Nxds7QWkQ3L8rSOeFOAf6+n4GgBrtPYx+Y8vnRD72/AYfQ9Dz2Pr17VaLFhkd6BkT7qgcmgCu5NV3J54pgVpDVWRuOaQyqzDNMzTQHXlvaqtxJOWMduEVgMlm7Zz0H4VJAxYXhh3i4fzFBLO2SrfVf8ACp7a4E8CSbcbhQBY/CjIoAXPtR+FADhmg8dqYAxIx8tMDHPK/jSArSR3F1K0aTeTErANtHzHjPX8R+XfNLJaxWVsZIQYzGucr/Fgdx0P86ALdu7T2sUpUAugYj6in7TQAYbNADbueRQBKOSBnFSjAHPSmMGdI0Z3ZVVRksTgAVni/hhuJvNLRrK+5WdCAQEXPX6H8qADVgk+nmJZBukIKAclsENwB16VJBPG0WC4VlADK3BU+4NAxzA+tQuDjmgCvIpxVds0AVpc81Tlz6UDKzgDtTOKYHTm8iMksYf54sbwAcjPT61BJNco7Tral4yAMZ+bjPOPx/8A1VJBI11Fc2xSPc7SIcKmMjtz2H40kEhs7TbcLsWJclwcgj+f6UAXEcSKHQ5UjNPwaAF5JpTn1oAUeuaOvQ0ALz2NV1vYpBJ5bF2jcoyqOd3pQBAz3sOZVhRldtzIGyw4A/p2z/Wnm5F9bbIVLB1wxbgJ6gnuR6D8cUAI9ydK00NcIWSEKm6L+Lt0PSrySJICVbODg+1AD+9IQA3U/lQA9Quf/rU9kEkTIT94EdKAK1jp62kKwFvMjTlAy9Dkkn9atSRJKhR0DKeoYZFMZR02BI7diAxbzHTcxLHAcgDJ54Ap+o2EeoWjW0pcRsQTtODwc0ANihaJGVnLEnIPoKa3pzQMgkx7/lVZuvegCvJyetUWlR3dFbLIcMPSgZmvfYuEiZMb3ZAc9Meo9/61P3pgdO1pEsvm+WvmZzuA5PBHP5mrASpIK9pGPMuiAOZv/ZVFWTCkilXUMD1BGQaYCLbpAhEShRnJAHHp/SnquRk8UARzLMrqYhlcjd0/vD+m6qpXU1eRQiOpLbHJAwOccevSgCWGO8EymVsx5PGB05x+mKu7fWkAqbWGVYHBxwaZHaQo5dEAYkkkdyfWgCbZwar6eEe3cqwYedJ0P+2aYE8kcZX5wpUHPzDgUyNYIVKoyquc/e6ZoAnGCARznkEVVa/gBwUucj0tpD/7LQAo1CAf8s7r/wABJf8A4mootbtpNS+xLb3vmcfObZgoz6nHH4gUAa4Aqgbu5maaGGEJKu7azZ2kA4Bzj9O3vxkGNAfTIsyN5kHLu38Sk8k47jOT6j37LLdSSQLJbxSbSwBLoQQvchTz+n50AQQTXjM4niHAboMc5+XHJzkc+1V7w3ssY8hPKcE5yQc/K2P/AB7bQMgUagituWKQ5+Xe+3I564B57fhVYz37SOv2S2+XqRct/wDEUAQO9zNI0RRIcLksG3Hn04Hv1/KoJ7co7SxH94fvBjw2O3tTApROssZ3AkhjkMORz0qRTkmgDs8ds1TeC4e7ZPtO2JlJCr94fd/Tr+lSIjmjXTYFeAsZM4C8fvT6H39//wBVWjBcTxssrRopx8q5boc8k4yPbFMRWl0dXOfPkTjA28Y5ByPcYwD2HFOm0tpVwsoj2Y8vYoAU5yTj8KAJ7m7EEyRnDbxkgMN2MgcDv1qjLfbGmVYJX8piMLKSWwR04685x7UAXYWSRghJyfulJCwPXv8AhVn7OnQlv++jSAgs9IsrG4mnt4ik0zFpH3EliT71eC44oApyWkks80ck58iRflUE7l+7n2I6/n78Mu1jshG0JKzMRGq5JD8YAb9Oe1MCdrWSaILNKNwdXGxSAMHPqc1FHpEUcquHPy+YACBjDnJ/+t6DigC5DCsUEcSkkIoUH1wKin+1C4h8hEaLDeZuOD7f17UAQhdQafLAKgJYBdp3DjCnPfrz71fs0m8gC5C+aCQSvQjPB/KkBZCgdqqTStHeBViZlKrz2OWI49x1Ptj8GMpXmy7urRGEixiTLBo2XJ7ckY9sd81okDHSgCJlHpULRqAeKBlaRQO1Y4vIfttwAJGUBcFY2YHr3AoAglukW9CFH+ZBg4PTk9OoNRzXMKAlmZR6spFMChhZrffGw3NwGBxkZz1/z1otRKqFZSGYE8+ooA7goN2cmoLq1mmkieGYRlB6e6n8RgEY9/akSRzQT+ZDLNtkWJslYwQT745zjr/nFW/tEAcoZ49/TaXGfTpQBNsDd6dt7UABUYwRxQPSgBrhQykrkjocdKN5PQUAKrcnIp+c9BSAqXKTPPGyOUVSOOfUH8eAR+NRGC8+0w3Exim8skYjiKMAeM8seO+Pb2wQRaa8hUsDIoK9ef8APofyqdSxHIpjEJYfw0geTccrxSAfGWbG4YNTjIBoAAzelIWbHSmMjdfMUq6BlPUEZBrKvRq21xbNtcM+CQpUgg7eDzkHb/8AXoAswSXDwKZY9j8ggn0P9etNeRucCgZmXr3TSqiRBo2ADe+WAbPp8uTSJCtvFsjTAHfuaAIZCeu2qsp45FMCixPmuCvynBB/p/n1pFxnigDtyM0o6UiRaqSabbOMFTwzMvPQltxI/HmgC4q7QoznHrT+aAADIoxjpQAc0DPakAuCaUCgBQMmlxQBUk0+GZSr5KliwB7E5zj8zVmNBHEqA8KMCgB2CRRtx1zQBIoHWpBTACAaCABQMqyXdvFKYnlUSBd2zvjn/A/kadIMr1xQBXfIxzWfNcwRSOrSjeo3FAcsB64HNACsG65qu+/tQMrtux71TlL+1MDPu4TOuM7evbNV7S0e3ldjMXVhwCOn+f6UAd/5gyMjrUlIkcBRigALBSO9P6jNABilAxQAhHpSKfXNICQUY4oAMkUdaYBt5p1IBKUMc4oEPHpTxTGGeaGb1oAzbiztW1D7XK+JfL8vDEYK88Y9938qtNQMjfHpWPPp9q+oNdSEmRgFKkjGP/1gH8KALD4A64qu596BlaSqM27JxTAquWx0qME55FCA7jHPSlpEjxRQAuBindaAF7UUAGDjjrTAHBxkdaAAb88kU47sDBoAUK3rSlT60hCYfPBoCtnOaAF2ZPXpTQjZ4OOaAJAD0zTwGx1oGLtOetNZCT96mBk6pZpcXERe5MbLGwChWJI3ISeD0G0dfWrsTrPCk0cgaORQyN6gjigYjA9zWHfwRzX8b/aQjI6LjYSMhgcZzjJz+uaAE1SJDFGZZUTaxI3qWU/Kc5H0yfwrEGnzxWpgg1ZhlmCMVPU8jvz0698n1pgN/s+5IYi93PuPzZOR2xVoPgeW0qtMoG/B749KAIXznNR85oGdxQKRI6lzQAuecUvagBe1LQAtJ1oAB70vfpQIUUtABTvxoAToTQOaAHU4fSgYtN2jr3oAoXhgjvbYuJPOcMiMhGMZGQcn6flUkFoltbRwR5EcahVBOeBwKAGvFjoTWRci3SWcfvm2Ms0oTGFIwR1/3RQMbqywrbrNM8irG4IZCOC3y9/96ufFlpcfloks8YklMapuHysCx9Pr+YpgQtY6a2FF9Km5d3Mi8dB6fT9feoJrCxSFlW+cqxXJDqSMcD+VAGhlZE3JIrKe6nIpmDnrQM7LeQR71KDnmkSKDzRnnFACMxDHnoKerkrQAu40oakIUNntSg5NMYoPNJux2oEOzS9RQAUbiKBiE0A0gH5pQ56UAPJwM0gJNMCORELq5UFlztPpnrTS1AETNVSWCKRmZ0BLLtY+o54P5n86YyKdElXY65XIOPcHI/UVmzafaM6s0ILKxcHJ4YnOfrQBVl0yy6+QuQpXOT0PUfz/ADqk+lWoVl8vg44yfr6+5oAasCQJsj4UZ4pMYOc0DP/Z/+Ex6Gh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRvclRvb2w+V2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NDwveG1wOkNyZWF0b3JUb29sPjx4bXA6Q3JlYXRlRGF0ZT4yMDIzLTAyLTI2VDIzOjU1OjExLjgwNDwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMAAwICAwICAwMDAwQDAwQFCAUFBAQFCgcHBggMCgwMCwoLCw0OEhANDhEOCwsQFhARExQVFRUMDxcYFhQYEhQVFP/bAEMBAwQEBQQFCQUFCRQNCw0UFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFP/AABEIAWYDFAMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTUWEHInEUMoGRoQgjQrHBFVLR8CQzYnKCCQoWFxgZGiUmJygpKjQ1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4eLj5OXm5+jp6vHy8/T19vf4+fr/xAAfAQADAQEBAQEBAQEBAAAAAAAAAQIDBAUGBwgJCgv/xAC1EQACAQIEBAMEBwUEBAABAncAAQIDEQQFITEGEkFRB2FxEyIygQgUQpGhscEJIzNS8BVictEKFiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/2gAMAwEAAhEDEQA/APuLy8tSNDnkdakoK55rkPRI1z3603qQKf0FIOOcZoEO2r360BMcjpQpyemKerYJpXAcq5GajdfmrO1zxJa+HY7OS7EzLdXUdnH5Me/EkjBU3ei7jWruw2Ov0pgN20bT0HWpMbuaVV280AQ+S5bB6Cp9tLkmkzt5oAY6fNmlwGU5pWkz2x70L25zQACMLyOlO5opM54ovYA/ipWXvTlUL160M/pTAYM04UnNLtzSAUrmlHFIq0r8AUAJxzmmeXu5HSpNuaVeDQAyMbWxUm3NLS/w0AN6ChelOXOKRmx+NAhV28+tN3UKmCads+WgYlFNk+VRSL+9pbADNUiqWwT0pGjxzQhKrkHAzTEOk46dKFG4Yqla65ZX2pX1jbXSTXdiY/tEK/ei38x5+u3P41dxtwOtAx4jwKa3BqSJciho+aVgEVVKjPWl6dOlG3tTgmOKYDV6U4ZpVUHg04x44FAEZpKeq0pO3igCMKxGRQGLHmn80m3LUwDBHFG2neXjmkY5GO9IBn8RpVXNC5B5p6tjNACdKKQ9KBmgA3UbuKRu9IBuGKAFVt3FSDgGmKu2jdQA2lQ7RmmSNyaI/u0APMvFM3buaaeuaVRu53YoGLuwtIelP2jHJyaToBjpQBC3embsU9ucivPviZ4q1rwvqXhC10m4sYk1zVBpsrXlu0vlZRm3gblz93GPemI79VaZlQP5e4hQ4AJUnI3YPHXFcf8ACvXL/wAQeA9MvtTuTeX8hmWWZgAWKzOvQcdFFZ3wx8f6j4qvvFenamLac6HeizGq6blIbsMucqCTtZO4DHBJ6dB1ug+HLHwzpcWnadFJDawliqPOZOWYsxJJJ5Yk9e9A0aO6orm7is7eWa4lSGCNGkeSQ4VVUZZiTwABzmnrnnNeYftJWd/qHwb12OxR5AjQSXKRDLfZllVpCB/FwOR6Uhm6Piz4daO0n33wsrqVIbe+ksJ1t7hnYKpWQrznOc9+3FaHhzxlpviuXVY9OlmkOmXTWU5miaILMqgkDIyeGqs2taDqnh23uTcWs2j3nkmDYdyt8ytEqr1J3bRx0xiua+F7IPF3xMTG1v8AhIWYj0PkQZH50rgem7vmZR0Bx0qGRhyO9LjC/rUb0xkLEryaj3g9OlSsdp+tRSR4JNADJO1NZsCng54HWmMvrQBG1QyOenapj3qtJjf70DIm+7xUDd6nbPeoJqBFf5dxz1pkzelSsuc1XkO3igdyvJncSKjYsQTUzN8tVmf5sUDIWzzmopOhqaT5W+tV5PloAryHkioZFGPepmbdk1XduTTQFeRipINVpF5LVYmbd061UkZo6bAhb7tVpV4qw3eoJGqQKcnFMb261PJ2qBu9NARPnvTOae3eoaYCt3qKT7lPbrTH27eetWlqJnlfxAj2+Jpj/eRD/wCOgf0oqX4jof8AhIFIXIMC/wAzRXXzGZ97qrNyKBkdak25GKb5eK4CmI1Kq5FOEeefSlHzc0EkTLluuDxgc4PPcjmuMv8A4teG9Pv9Rt7m6vIX04j7YzafMqW4Y8Fzt+6QQcn1rtZkG1ucdARnGefWvnHxc2s33iz4qjSJ4308iwh1S3jQNdSWvknzTEx43BN33genHNAHsvizS7vxJp+hvpYhuo4dTtNR83zQqNDG28FeOTg10+z94SAAPas3wfJpM3hfSv7CnS40aO2jitDuLMIwoADE87hjB9wa10VecnNIBy9BQ3el2Acik5oAFXIpdtAp/wA2OKAI2X5aaq7fxqUEng0bdvNACJHjNO9RTlOcGmyUAR8rwKXnbmnUY3DFMBilj0qRFPU0KNvFL83akA77vFJSc7uacM0AG2l5pcbuKbt2tjtQAvNJtp3A5HWkyT160AJ/FSSdqc3SkGaBCr0FPK9KYelCtigY54t2KZ0b3p7NTRSYEV1eQ2MLzXU8VtAv3pp3Eca/UlgKqaXr2la1I8WnapY6jIoyy2tzHMwX+9weKqePFjk8E+JElRXQ6ZdcbVYE+S/Y9x1rwz4RRPqvjL4apfWcHh640bw2k1k1uwaTW0lhRD8+QuEJLFDlgSSOKEI9m0PT7xfiN4uvJrOaGwuobFLa6kGUlZI5A4H/AH0tdUvCjjHHTFSR52L9PUn9cDNOK5GaYxq9qXbQMgU4UAJS0rUq96ACkZsUny7uetO/lQAymspJ4qQt6UlMBFyBzS9hTl+7UUkqp94496BE3YVEVJ6fjUZuosE7wVHWmzXRjjDocjdSGWAvpR0qu19HGcOcH71AuojJkSbgVyKAJ6KqfaSI0PPLVN5vsw96VwJeaTdVdbpY42DZb6daqtqSxySKVZNoXr3ouBpbsc0xm3VX+2K+Rt2c8e9S+YTwUwaLgGdvFPRjj2qrcPtmiUKN56ZqN7oKqgYLFtu0daLgXfpRuxWZ/aUjbgYWXacAN3pWurjdt2IV27s0DNLevduaRm75yKyJGl3QOFVWb26VNp80qrKJpPNO/wCXjGKQFpmSZioOWHavMvjF4SvvGGoeDIItDbV9O0/VTfXyl4wgiETJtwzLlsuDgZx1r0NpCLi4bd1UUkjStcRLuXLEDn3J6/lTuI4X4aeFdZ+HNzc+GlsheeFFme402+jljSS2R8sYZFPzNtYMQy9iK9ERMflXJ/D3xdP4w8H6fq88SQ3FwJCyR/c4kZQR9QAfxretb2TadzAHnpRcZoHjFVpriONvLb5iw+62NpHpg8GokkaWQlm47VzXjfxhZ+B/D+o69qQc2dlEWZYxlpckBY1HdmYge3WgCbS/DnhfStYupdL0vS7XVbcBp5LaFEmi8z1x93K5PvnNaWl6Lp2ltcyWlja2UtxIXlkhiRGlJ6ksOTXl1nD410eTUvFps9LuJ9bktXvNE3uZbaNAEG2UcO6odxB75rpZ/iR4ZhuTFceKdLjZWw5a8RDxywPzcH1HrSBHcxzDcUBzimXDeWpJ6jrXj+ofGw+F/iLDpGqrayeHdQgjmstatQfLieUsI0mJJUBvLIDDv711dh4m1W78c6/pNy1kdPsYYZImgRxI3mZYBjuwSAAM98UDOqjuFmXeDhab9oSXcq8kda888ReObjTdb0fwvpHky63qED3ry3nMFraxnDyPgnJLbQFyOf4hVC1+IOp6f4mufDGqR2iavcWsl7pl1EjLDOIz84ddzFXBx3PWqFc9S8wKtV2uCWIPSvFbf4zeILj4M3Pjz7Bp4mjiN2LIeYY/K8wxld/Z8gZ9q9G03VLm70WwnvBDHcS26zTLBnYrEA4GecDOPwpMZ0Rl98ConbcSQc1l/bDGpkMn7srxUf2uZYUG7J70hmjIyr1OCaY7YXk5qi03mPGd3zVNDcFlYE5Ip3AczcGqzd6imuSJMDpVT7e6OcDIHUUXAsyNt/Gq7KvzE1W/tJp8kDavpURu2ZsbWw38QouBPIy7RVeZd3IqrMzTSKQWA9PWoxeRxxld7OwNFyiWTqRUEnFI1wJGDD5RUa3UbZw4NNMBJKpy96luLqKIHJz6Cqa3HnMQoxTAZI1VppMsRVtiApJ6VUZkkJA6ikBX3bVpjVI2N3NMdcjjpTAheom61MeMVHzQBE33hSsoK8daG3bqXcQeetbITPPfHihdYiy2D5C/+hNRWr4otRNfQt/0y/8AZmorYzPtcZo25aq5mIOT0qRZ9zcdK4ymSldvNNLcUks4jGD3qJpVpEjnywwPTPoPofWsK6/sbQLu1Js7WzuNTnWyjaG1G+SRslV4XPPPWtnzl21xXj6Yf8JB4CA7+IIf/RU1AHZ2Njb2IeO2t4baMvuKW8QUFvfAxVpV565PtVS3n3c1Y82gCxt+XFYeteMNI8O3sNldXMj386l47Kzhe4nZB1fYi5Cj3rU8044JAz1H0OP1ry34e6iLH4wfE6DU5lh1W5uLWSy85gjSWKx4XYTwQCP0oA6if4ueFYbeCX+0ZNk92LGJltZmBnKg+X8q8Ng/dNaLeOdKj8VW/hppLltYni89LVbOXmM/xFigUKDweeCCK8z+Lt5Z3svhT+yLi2t7uTxfaNJciPfEZhGRllUgMQAo69qr6pDrDfGjyX1W3vtTk8J3sdpJaWxgCs0yhFwZDyWwc470riuek33xQ8OWDXLyXU81paS+RdX8FrJJawSZxtaZQVHPvx07V1McqTwxSxyLLDIodJIyCrKRkEYHoa8d+HWu6LpP7PFpFeSwQCx0qazvbZmAkNyQ6yR7RyzOxXjvvz3rs/g3pOpaF8JfCOn6sGi1C309VnjcnKHkhTnpgEDHbGKYHZfTpSk/LimoVk4znFNkkVeKBjlGOKkqs0o7Ukkp4y2KAJl3bj6VKM1XhlXvzTmnHakBPzTW71H5wPU4NNMi+5+lIRKrUCoHlHGOvvTfNPemMt+Zt4oEnWqrTZ+Ud6ej0hXJwSaWoVkwTTt+QKYXJKau3vTJZFUAnrVaWbawZW57rSC5e+lODYBqqlx5i5pnm/Nt5pgN1bTLfXtLu9OuzJ9kuo2gmEbtGWjb7y5XsRxWFD8P/Ct1pOm6OLZriDQpFkska9k+0WJCgLtkDbwMYGPQV0i9F/H+Vcl4dZv+FteOEH3PsGlM3/fM9IZ3K/IqjpwAQevTHPqffvSn5eKhkkKq2OmaYkm7nvTuBZ4bCjJLHACnDE+gNc/qPj/w3pd5JBc69ptvPDxLDJcr8h4ODngH7vWofH1/qGl+BvEd7paFtUh025ltgvUyJEzJ+vI9xXNfCvSdGuvgbolvIsN1pF5pKyXruMLK7pmeST/a378t60xXOwtvGmj3usXOkW2q215qdqpa5tbfLvGAOXYDoO49sUnh7xpo3iy3uLjRtRj1KK3k8mSSJX2hwcbcnivM9KbWx8ePG40N9PEH9j6Qsn9oeYwKhJAuzb14z1rJ+GNp4lm8D6oulvcC9/4SnV/tAsZ7e3GfO+b/AFyt3zQFz2fxL4q0zwjpMmqaxcNaWERAmnWB5ViH95yittA6bjim6t4v0zR9FtNSlmnudPvXjit57O3ecOZcCM5XpuJUc92WvOvEFj4msfh/4yOuS3xszo8qqt5e20w3EYOFijUngkHPY1zviDR9U+EuoWXhiyimu/AesazYvpzMwJ0mcXccjwMR0hYKTGezZFAXPepbmKGKa4uHW3hjXzJZJtqrGvJbdnkBQOorj2+LGk21jZalcW2oW+hXsixxazPAq2zFzhWYlt6I54V2G1i3pXNfF638beKvAnjfw9aeHIreOexmjs7u31ASTXO112osAXKGRA/Ge23tVH4ieKNI8XfAG803Rpo77Udc0mPTtO0uFgZ2uGVUEbRD5lKNySem3HSkxHoFt4+gvPH114RXT75b+2s1vpLhvKEPlF9qEZcZywxjHHWofBXj6Lx1Nrqrpdzp6aRfPYXAuJY2ZpkAL42k5XBHOea8103Td3x4fTW8R3Ftd2nhCysnmsmj3zzRyuXDbkfOB8+AARnJ4rZ+AbQm48fwJezXTnxHPMs0zh5ZYmSNfNyAAVYqRkDHpSQHpr2oTfnDbXzgfrSFZGUMqMMtV4x7sHAXPO0dvanbNq/WqGUZoXkilCr87DjdS29vLGwLhQNm3K1cWKn+VzSGUYbV8RgMcq245qZl2v161bjhzMgLEBmAyOoGRz+deX+BdW1L4taTc+Ik1m90LSJrua302ysI4h+5ifaZZWeNixYhsDgAAetIR38kBkhKjqG3UxoXZixOCem3r+Nec2s3iPRviJ4M0jV9amvzJo2o3F2q7Y4ZZIpU2TOP4TtfkDgHIFd/4f8AEGl+JLV5tJ1K01GGFvLkkt3EgRhxtYdqBliONl3GQg/7vSpYyxmz221ZaEN17e+akVVVfl70AVGTcVwccc0xbX97kHNWdhD801V+bnpQBEtqrt81JNZ7mJ3Yq4IxjI6UyTLHigDP+zmM5LkKKbb26xsQpzu5yatyW7fxdKNqInAx70ARSR7TuPU062t42miLHJ3AY/Gs3xR4s0bwjYx3WrXy24kOyGFEMs9w39yKJfmc1594l8SapfQwPr19N4C0G6dY7fT7UmTWtQycbQFGYgc9EBYDOSop2AvfBWFH+GWjMwIx9oXr/wBPEldm1ukKjbn8elcTD8M77werN4G1Y6YsZ50fUmNxYzHvgsTJEScncpIyeh6m1p/xLhj1CHS/EtpN4Y1aXiOO7Ia2uG7mKf7jH/ZPzfSiwHXhSygnGD6Vx/xi8Av8Qfh5qmhWrxx30wSW2aQsF81GDqrY4w2MbjXY3d5baVp9xfX1xHaWVunmzXEj7FjXuSe3Hf8ADvWZ4V14+KtLF+dPn0+2klP2YXHyvND0WXb/AMsweoHoRQM5fRfE2t3lta283hLVbLWtqiVblVS0jb+NjMCQVx0CjJp118MLSSaSU6xrQZnZ8xTwhAW7DEedvpnnGM8135hKqAW5785psiALycmkM8uv/BNvrXirUtK1bSr2+0C80WCwe7uF3B3jklZjuwOVWRSGxwRisDwL8L/E+iP4o0++166jVzax6brUAjaeW2jQ4QhgRkD5DuHJr2hgqDPrTEVTk0AeNax8OdT8K+MvD/iyC4vPFhsrSbT9QjKpHdNEzGRZEAAViDwVUcgU+68M3fiz4j2PiubTL7T9K0HTriCKK4iIuLyeXhiIgwZUQDgH7xPoK9flVScZxUTqvC5zQKx8uWnwjeL9nnUNLn8I6gPFxglgijaKR5HcysVb72MbDy3rmvd9AgNx4f00XFtNA62kcZhuE2spCgYIz/8ArHNdNLGnTOD61VaHDEZ3e9PcNjNmhVIQgQKq9AKZ5AZg7kgDoKg8aiaLwjrk9tcS2t1bWM1xDNAQCrpGzoTkEdR6V4bqHxUlj+Efh26sPGlw/ieaSyF0+EZpTMyCUNmIqAhJIwByfWiwXPc2hEe3G405XKrzWdrHiLTfCmn3zXd9HNLptm91JbSTIbl441JJKggjcF5OK4nQf+Et8V+B7bxBFry2mr39r9rttNW3hNlGGGUjbK72baeWLjnOOKLDO/mhEnIbBqlcWrs+4N0rkdH8Vax4y8Ta9plpdx6Jp+gtHaTzJbJPPdXRTc23ccIig+hY4yDiqV94y8RabquneGZ4rOfxHqlzdGC9aIpbJZx4PnMm7LsQQAM9c9OlFhnZrYjGAzcU5oWVQM5FcddfEJvBOtXWl+KZYRGthJqlrqVrC0QlhjJ8xGjYnEg4HWktfFviq88O2+ux+HrJrK4WOWLTkuWN0sTkBXY7duQCG2r6+tFgOo+aPGPeqk0LM3tXN6f47v8AUG8YbtGjU+HZXidBd5abZGJCw3INoKMO/LZFavhTxCfFnh3T9WFo1kt9GssUEkgkIQjKlscA+o7dKALjR+WpGP4aqGLp8vase6+JWkxrezRwahc6dZMyXWq29qz2sTjG8bhy20nBwDgkjtT9U8eaJpEyW9zfhJmiWd4ljZ/KjY4DvhWEYz3bFIdy20O4ndwB0pLcEM57VJe6paWuni7uby3gtO1zJMEjOeh3Hjn9aiiuI5lWSJlmRxlZEIII9QRwapahcfcyIEOepHFZdsDGCT3NadzCGwHX6VmMo3HBx7UxkUm/zid2EpsNwJt4HbvTp42Kdc1Xt42ViaAJpJAnU5NRNJzgVXk3bvxpMsvNMCytC96rxs7SLj8at7ODn8KtMTMy9hWSRSf7v9TRV9YfMyTHnBxmiuqxmfTU0EjyKVqW3Dq2O1Sb3K8cCoGkdGzjJrz7jLdwNygVVaKla4kkUEqK4jVvEPiPXvEWpaFoH2XS4dOWIXurXA811Mih0SGIDl8HO5jgeh6UCNjxJ4s0nwmsX9pXW2WbiCzhQzXFw392OJfmY+/auR1DRfGXjO5sL/Zp/hpdLm+3WGn3oa4nnk2sgM7DAiXazfKoZs9cHIql4b0LV7mS5n8O2E2iGfK3HirX087U7oZwWgjbGwdgW2rgAhMYru/DPhKy8KrO8AeW9ucG6v7yXzp5+MAO/Yf7I49OKQGdo3jyOz1BNK8U2h8NapIdsMk7BrO5PrHPwC3+wxBByDyK7iRcYPr/AJzVC9srbWLGazv7WG8tJV2zW1yiyRt6gg8AZ9elcFrWkat8MdHvdX8MX3n6JZQvNNoGqyu8SKqlm8iTaWjJGdqsCOu3FO4HfahqFtp9xZW806R3F4xjt4v43YDJx+FUdY8OaX4gWM6ppVjqbQ8RG6t0l2d+MrkGsHwb4duI5f8AhJdcnW/8RalbqWkAKx2cLfMIIQeUUZAJPLNnPWus8yduQijPbOP07UAZNx4V0m8SCObSdPnFv/qfMt0Ii/3QRgc+lWv+Ed01r6K//s21a+jIC3TW6+auBgYfaSBgVfWV9uDtH60NNIq4UIB67utIkgTw3pdxqIv5dLsX1FW3LdNbL5gxx97AJrY55BJJz1NZ0ck7YJVV/GrJ87aCpQ+tAFjBGcdarqr7iTQrS7hlUYe3UU3dJ2zTuO5JzgZqO583y3MMSzzbTsjdtik4PVttKzSeSemfeq1xdNZRtcyAmOIbyqIXLY5ICjk/w0Bc4CH4wXFx8KdR8dtoSCK0E0hs2vWy6RMVc7/L4O4cL6Yru7G4u7/R7e5aCKK+mhEvktMxj3MAQrNt6YxnjrmvnSH4e3E37POsW39k68viSdrmKOxR7tQXeZmUiLdtIKNnpt555zXqeprfzal4Vlsda1GzuUNrJLp+fKhitEXEvmx92ZgVUnksygcYpCJPAvxWXx5/btitlBpviTS5ZVbT7icvFMiOVWRHC5KEqQ3y8cDtXW+DdauvE3hfStVureG3nvoUuPJt2MioGHyjJAO7qTx0FeVx/DnVPEHhGDVdKil8P+M9Nvr25sZru3MPmpJO7+VKp5MboRn0JArrvCvhfxBB4d8Hg+I7rQlsdPtI7rSo7OF9zKAZFZm55zspASaX4y1rxtDqV94WtbCXTLW4ks7aW/d1fUJImw5jC8KhPALdxWJ/wuaXVLPwFdaFaWf2bxHqD6bMt95nmWcqK5dMKwzgxkZPXrS/D+w134U6DdeG20K81r7LdXE2mXlkqGC4SRzIiu2792QzFST26cVyMvwf1PSNL+H2mS6TJriW2t3Os6wyBPs6NMrnZ87fMFZhyOuM0wPSbXxjqdz8XJ/C5jsH06HS01Np1V/MdXkMfl/ex95S273r0HPygfzH/wBevIvDPgyXw78aNR1LTtBbTfD82ipYC5hEaRmUSs7OU3kjIAHTnGa9YjV+FJ57j370CJDHjmnKuabsIPLH8KcI2GTu4oAY0ZJHpUXkhmwOlSyRmReXII71B5bDpIx96AJVhWP7tK2WbBqJc5ChmLEgAE4zz0BridV8fTapNdWnhG3TUp7V2Fzq1y5h020x94M5/wBY6nJKp9CQOaBnYa/r2meFdJk1DWL2KwskGPMkGdzdlVerMewUE151p/i680nxZr3ivU/DOr2HhrWLe0hivWjV5rcQiQeZNCuXRH8zIYg4CjOOlYGj2kviTVvtui3Eni/WkJSTxdrEbLp1lzytpEPv+wj9PmcivYdD06fS9NgiutUudTu1yXvLjYjuxJOMJ8qgZwAOwHXrTHcuaZqtj4isUv8ATb2C/s5TuE9q4defp+X4VN8kW7Byc4wBiuM1j4Z2Ml8+q6Bdy+FNbc5e4sl/0edvSe2PyyZ/vfe9GFYuo+N/E2gyW2kal4ajudfvnMGmX1nOn9nXUoUsfM3MrQlFBcq2RhWxkmkG56f5qsSAyKyj7pOcZHUiuUtPhX4UsbiSWDS/JSWQyyWguZjbM5IbzDBu8sktk5296l8JeC4fC9tcyXVw2q65eP5uoahMmGnkHHlov/LONQAAh5wBmuhXyU6qu79T70CMuHwboNr4ivdbisFi1K8QpdT+dI7TIeApGQuB2AHAwadoPhrRPCsUsWk2dvp8Uz+ZKIm4d+7scnOTznvmtYupXsPrTFVWOSqkf7tMQ3UrXTNctXtL62t9QtX/ANZDOiyI3vtNOENm1mIBFD9mj2hIdm5E28oVx0wVX/vmp1jB6LxTmTAHakAJMvmF1YDrkg9D6VHDDarcSTpaxR3Egw8qxLvZfdutP3BeDSqVNMB4IwAvboc5pyzE4BJJpnAyRUYmZTgdKQA8hBIAY0Ryv3VsUpYjrRupjQqzckbaUSEZwtN7048KTSKEWd4337V3Lk5PTgZwf896828H+D/Evwzjv9F0RdL1Lw093JdWKX9zLDNZLKS7xMqxvvRWGcjrwOOteiq1DHOaBbHB654P1OTxXomv397Z3tjpml3trfq8bl7gT4aTZGi8BQmFXrgnvil+GlxFqmpa/qqabeaZcX7W4kt7uyktkSOJWSJAXHzPtJZyOmQO1dxvC/Wnq7su45xQA5mkkc/MMep6n3pTu4+am7i3IHFZvibWm8M+HdS1c2FzqS2MDTta2qgyOoxuxyM4HPWgZrqp780jQ7mBV8e1eReGf2qPhv4qkSNdeXSZn/5Y61EbU5PYMSVP4Mfw6V6xp99b6jbi4tLm3vLdhgSW8iyKfoykg/nTETRwuF5kOaChA5Ofen5J4JpVX5hSGVmX/aI+lcn8RNWvtF0nTk0yZYr7UtTttNSeVd62/mtt83YfvEenT14rrpF61wvxTTFn4VYdvFGmZ/7+mmgMqT4caroupRTeH3juteuYSLvxlrkonmgxwUiiBxyBwq7YwMZ3Hiuj8L/DrTPDN0+oM1xq2uTptm1jUnMly3qqnAESdgiADAFdcn3jimN3pgVRaog44FZmt6Vp+q6Zc22qQwXWmtGzTQ3X+rAAyWJ/hAHpWtNuXGO9YviLP/CO6wpz/wAeU/VeP9U1AHl9v4H05/iJouhxalf3/hNtMfW7fSZ7kzW3nJLGkbAldzIMlgh+UMAa9kFumcjG3tgkjHbqP/renFeQ+AS3/CQfDkjHzeC26ezW4r19fuj1xQUhfLUjFMaGMLhlz6VIoO7JpzfN0pWGUpLeNuox+NRraICQPx5q5JDgZqBk77c0CIHtolzjrUEluknXqP8AaqzIN3bFQMp24FICqLCNmyM5/wB6nSWqqu7GfxqaONlYmnMrEE1QHM+KtKn1jw7qVlZmKO6ubeSCNp2YRrvUqWJUHoDnbivNdX+FGvXXwo0bwjHe2LXNl9kU3LXEphK27qwYAoPvbemOOtewyoytkoSD7VFNhhgqwI6dqBWPHfFmg2Xinx1odmIbW4lZLm21ayhgfzY1mgKtKZiPmUKFUDuXqx4Z8K+MvBuh2/h+J9N1O1tUEFtrMt4yssQB2GSDy8swAAwGPTNeoyiWSMKWkAH8PaqrK0f3lbHagZ5ta+D9b8G+NNb1XS7Ya9p2uPHcXlutwlrPDdAbS6B/lZWA6EgjOO1R+IvBviC81bw94sjhgGq6TJMj6THMButJVAMfm9DICCeMddueM16N5jRyfdb8qsnLJyMD6UrjPEvGHw41L4say81/by6BptrpF1p1sLpVa4mmnA3SGNWbaqKOmcsS3TGK0/COta7pWg6bot34bv8A+2bOFLQPHCTZSlV2CT7R9zbtXd/f5r0u4iHbtVdpGK4pgeGroZute+Jl9eNq2mw3FwZYDDLdW8M6C1Cbgo/1gLcc+lVvCd9r1n8NvBTabfR208EFpYPprW4LTy7gsoYt8ylEDNleRjJ4r3GYuflBYVzPiHwfY+ItStr+7n1KK4tY/LRrO+kgVVZvmOF7nABz1HFAHn3wp1iz8MeC20HW5I7HUtIknhvre4kAYgyO28A8MrqwO4fezVn4eNHY+LvHNncxGBrjUvtSCRSqtatCioeeigbhjtjFejXVvbXjRy3Nla3FxD/q3khVnj9kZvuj2FZuv+HdJ8RLEdT063vmiG1WkQlguckEjkjPY/LQgPB/haz3Xibw/DqAWTR4bLUTpC3C74yq3JXeB0JEQXGexFT6zqVzpvja+8JWrta6Lea5ZiVYsx+Wstu8kkO4MCqs6AkermvZdQ0LTtStraGa3MQtHDWslq3kyW5AwPLdfujHb7tZNx8P9FuNJutPeOcrPcC7e6aYtdfaB0m8xvvEcD0wOOKoCkllpPgZrq/a/TTdJaKOBbee6byYpQXO9SxOCR+eK47XPH0nh+fx0w123NxYLDc6ZZ3YiO9HhEjKBgF8nK9a6fWNKv8ASdIuppZbzxJespt4hFZrmNWBUy+Wv3mwxLN32he9c7/wr6+u/D/iVbaO2kh1jToYbO2ut0csBWARKXUr8rEYbO7jGKGNHf2rSSWsTySJLLsUvJGu1WYjkgZP86a0e0nFcno1tdWfjK3+0XPnTS2Ije2W4LGyZAgIKb9hBLbt2N2GrrmZuPl/L+dIZWmj3HNMYbRip3O4YIxUDJRcBFXLCrOdoxVdVqxGvy1a7iZPZ2/nxsx/vY/QUVFFGW3c9Dj9BRXRzGZ9LM7K57g1HN2qyy0yRR3rhAi8xRhW7jj9K5jwaBJ44+IcpGD9utFB/wB21Vv610ywrIdv97A/UVzHgKTd4p+IeDtH9sxJ9cWkIp2A62TPmNk5OajkYD61JMdrsucYPSovLLcnkUWARpDtIPWvJ/iPez/bPiPbiaRoE8JRuIS2YwxkmBYr34r1rAVSD0ryz4laPe2lr8R9WkjEdhdeH4LS3lDLlmDS7+D7utAHo2nkDT7MA5CwRgf98irq7oxx3qvHGkKxqM4VQOcentVnd6UgIpdwYU/+dO3Uq9qCRY2IAzVmP7uaiC5pVbbxQIcxzmmbsNT2amZBbmgBWkx2zTN5kGDwKcdnas7Xv7STTZW0ZbSTUOPLW+cpF15yVBPT2oA0I8Q9OlY154F8Oatqx1W80ayn1PKkXk0W5wVxtwe3QVhG6+IjN/x6eE4/cXN03/sg/lU8a/EOTO4+E0HY/wClN/SgDrpHdmZiSWJycnPPeqzTnzly2K5j7P8AEPtfeE1B/wCne6b/ANmpjaf4/wB3/IT8LgHoVsLk4/DzKQHarIGjyDk1XaQBsHrXJf2Z8QFwDr/hse40ufP/AKOpp0Xx7KoP/CSaGrd2XSXYfrNmmB02sa3p3h2w+2apfW+nWQcJ9ouZREiuegJPBrSsrmO8t47mCRZ4WGVnhcMpHqCODXi/xm0nxLb/AAv1xNb8Q6ZqNnNF9nFnb6Cd8sjY2qpExIbIzuxxtz/DXgPwv+B/xWS4ivNFh1HwhG2WNzeXTWaqfTy8lm+m00AfeCsd3NS9q4z4faT4j0LQRbeJvEkfiXUCVYXC2kcPljHK5ABf611RuByF4bPHOaYEsh2rmo1lXv3qX76+9V2JMi5pAOi+SePHTeG/UV578KdIs9e+DPh/T9Rto72ymgcyW8q7kfEzthvb/Zr0RcfaEy2Dn/CuF+CsgX4SeGApyfsrf+jXoA7DbHHGipEkMEahY4412qqgcADsAKctwu4ZODTZ5G3BVXduJz7VSPy3bY67Bn86YGnFcRvJsZgTkYHTnBzn14NeT2mv3fiPU/AdzfOslxF4t1S3VkXaPLijuo14/wB1BXo9rdJ57gnlZMnI6DHavINBjNvf+BFdWST/AITDXCUfrgi7I/QikM96lbrjoelVZIcHPepFmXHTHNL5m48dKAGR58wZ6VOq/MMLkVEzYNSxybVBoET52gDpSO+eKY02QKTdu5oAQpzmnx+/SlVhjmkZ+mKAHswHAqLbtan7utRhuaAEk/vURtuqTmnL940DRm69Z6peWQi0jU4dKvPMDC4mtRcjb/dCkgDnHeuek8MeNJP9Z4/jC/8ATHQYB/NyP1rsf4qVmwBQUcU3gnxMzKZPiJqOP+mWl2a/+ytQPAOtM4eX4h+IWI7R29lH/KDNdpzR/FQScYPhrfSHM/jzxZJn+H7Tbp/KLNL/AMKshZv33ivxbIPT+19n/oKV2q9KRl3NQCOMb4R6XMAsmteKpQP72vzj+RH8qyfFHwhsLXw3qcukR65q+rCBha2tx4iuUSSQjChyZQCoyWxx0716YF2/WlYkgk1RR8ceEf2EtRvdsnivxHb6dEcZs9KQzP8A7plfAH1Ct9a+jvhl8E/CXwkhl/4R2zuI7mYBJLq6naWRx3AGAB+VdhPMIlXux+6vrT4ZjMxB6pQIuRouOm32p5UY4pm6nBtwpWGM29RXB/FpPL0vw63/AFMmm/8Ao6vQVTrWL4q8L23i7SP7Ou5JoB58dxDcWrhZoJY2DRuhIP8AEOmMetMC+zKswj3KZHBYIGy5XPZe9Bj3DPevJ/FmgapCtsPFOmy+JbOzBW28T+Hz5Oq2AI5Zog3zDA5aMkeq9qt+HPF+u2tjFe2lzD8Q/DbHaNQ05VTUbfGMLLDkLIRnBIw3HKk5JAPR5IQx56iq2qWP2/S761UrG9xbyQCRt3yl1Khv93Jq1JPHDHJJM32aFF8yR52AESjqXPRcd93IPFcQ3jnUvFxa28EWcdxBvKyeI9SQixiPT9yg+a5btx8mRyw6UAYmg6BJ4Z+IXgbSpnWeSx8J3Fs8i5wxSW2UkZ7cV6fHCuM4xxXAXnwdWRP7St9cvpfGkZ3Q67eMNrN/zxaJPkEJ6eWPqSSDWz4Z8ajU7W7i1eJND1XTSIr+G5cLErYykiSHho5M8H0xQM6dlC4yuQelLtKsoIxWbZeINL1rzIdN1ayvZth/48545WAPBOAwwB15479q4v4f2dta+LNcn0jVZbjR5Ikgjgub97kT3KORLON5yVyyru6FlJHBFAI9CYbsiq+0rkdqmbv1/Hr+PvTaBkHlhlyKY0XSpm3bjijnbzQBXYBeO9RN154PAB9wc1PIuajZetAzidc+E/g/XtQn1C+0NJ7y4bfJN58yFj/wFwP0rMb4JeDF/wBXpE0ftHqV0o/SSvQttRSqO9AHnUnwX8LHhbbUYf8Ac1i8/wDjlRN8G/DsKhY7nXYif+eWu3Y/Tea9Bk4Bx0qvIu6mB5+3wk01mymu+KoV/wBnXJm/9CNEvwxdQBb+M/FluR/e1COT/wBCQ/zru85GKglby8/ePcgDJx7UAcDN4A1YFVi8feIFA6ebFaS/zjqCbwX4miX9z8Q7wnsLrSLVwf8AvnbUGpfEubw78T08M65b2q6deRxNYalEpRBM4b91KTwCwXgjqRitPS/Fryf26+syWGnWem3xsluGmKbvlDBmL8KeegoAyT4c8cIRt8Y6RKB2uNBPP1KTcVWksfiDA5xd+Fbxe2UuYSfyL4rZ8QeOraxvtI03T4F1nVNTieaCGOcRwiBAC8skpUgLkgAgEknHFY158UItN0/XX1TS7yDVNFjW4vLCF43kaJvuzIxIDjGScDIyQeQaAKrTePrVTu8PaHejPP2XVpEP5SQf1qKfX/FNuAJ/A92y/wARs9UtpvyBZa27j4haHa+C18Wy3ipoH2WO9E3OSjY2gAHJfLY21oadqUWr6bb3cMcsccyB0WaMo+OxKnkZ6/jQBxMnjiW3BW88JeJrVs/eFgJgPxids/hVRfil4cjkIubm404/9P2nz2/5l0A/WvQ3VqiaSWNSokbb/dzkflQBw1j488OapcGO11/S7iU/wJdxlvy3Vto6yMrIyuD/ABIwYH8QcU/VPD+mawrC+02zv1P/AD9WyP8AzXNc1N8LPCM0gePQrezmHSSxZ7Rh+MRB/MU9wF8Q+JNE8MalapqVxDptzqW6OK4lTyxMy4xGZOh6/dNasj7Mj09814r8d/hPqmuaPpun+HYtZ1uR7gu0N7fedbW6qMbiZDkMd2ByK0Pgv4D+IHguNbXxBq9nNo3l4j01pHuLi3P+zJhQFH93JoaKPVdxZc9qjfZ261Myt6Y+lQHI61IEQ3b+Ktx571V3bcVZjbcua0WwEMv+sNFP3YJorQzsfTfmrj+Km/aF6VX27fxp8UYVsnpXKIlLgfMM5GCPrmuA1bw/rXh/VtW1HQGh1a21OQS32i3f7pnYII8wzDoSqgbW4J7iu2ZssQlNaNv4vwp3A8n8M+IL6yuJoPC+oTXjQn9/4R8SyNFd2w6nyJW5I7AYK4x82K9D8O+LYfE1pcSR2l7ps1uwins72BopInPYdiMY5HB61H4h8K6T4sijTVLUyyxcxXMLGOeA+qSL8wPtXPf2H45tMaZbeJbGfTG6ape25e+gX+6qg7JH/wBpiB0yGOaLgdP4h8XaV4VgibU7hhPM2LezgjMtxcN02xxLyxzXNatofiL4kWUttrJ/4RXQJwU+wW7CS+uF4I81/uxcgfIoJwdrdK3PDPgnTfCs0t1Ast5qsy4m1W/fzLmQehYgbV/2EAHsOlb8ijaMDBoA4zwv4nvbHVF8N+JGjXVwu6zvEASPU4h/EgHAkH8SDgYJHWu4jZh85DEDqyjII9c9xWdeWsdx5LTQxzPA/mwl0DMj4IypPTgnpXzX4nkht/EXjfS9Pgu4tZm12Cx0TUEumht7SRkR8vJu+UE7jtx8xOKRJ7nqM2uW/j3RVttXaW1nlZrnTYoI/LhtBGwMjN97eXChf724rtO3NdpHMDGSRg47Hj8Pb/PFchp/gHTodUj1W4Fxca2BE89wt5II5JUUKGMe7BG7dj5eBiupiTp8uTjB4xQItRt5nTtSs23GOtMB2jHSo5Ru5+WgBPMLdacsnl/SokXIxR5Lc0AS/aN3TpS7wRg1WMbR4PrTvJZloAlyFwR0pzS0yNTGu09qa0e7mgBfOJOB1qbziq8/eqNYQw9xRJFujPrQBG0zyMMdO9Wc7VFRxQFaWaNmX5aBMmjkbqpYf8CpHkDdeTTVj2jA696b5Y7UCJYztXI6UseZGz2qNF2nFStCR0bFMomMwUYHWoy5Y5NRrGfmzzTtvo2BSAFZUmUtwnUk4IzkA9eBj5TXkXhnxFc+CfCOm+Er6S38N+I7aNobS51mImyvP3jEbJUKgkqT8u7IOTtbpXrMkbMcA5qvqWl2erWE2n6haQ39pMuJLe4RWRx7g8Y9zQBx1n8To7G9hsPFlk3hnUpG8uOaZvNsLpvWK4AAyf7r7T7V2J8syCbIJPcHr6GuEvvh3qfh6zlt/DksOr6NKAsvhnxBIZLcpzkQzkZjzyAH3L6bRg1Q0jxTqH9nwaD4Z8Gahpd7ago8WsIYrOwBJYbpQW81QTwIyeMdOtAHba9rWm+G7GTUNTu4LCzU4aac4Bbso7sT/dXmuC1a68SeKNQ0XxFpnh6RNL0O5a7is76Tyr/Ug0TRt5SDhAEdmUN8zHb0zzu+G/BIh1aPV9cnbxB4gT7l3dhfJtj3FvEPlj9mPz9+Sa7Xf5spDlvNUbt2MkHPBJ+tAGb4a8UWfiTRYdQ0+4+02c3RmTayPnmOQdmByCOxFa63axcsNy4yVJxnr8uf4RnHIrAk8K2Njea1qNiZNP1DUIAt1LbyfI0iBtsnlsCu88qWx0AFeIfD/wCJniDWIvh81v4mk8R3+qMx1zTvIgK2EQLfvQyonlYIXCsTuoA9o8J+IPEV54k1fR9dttPJtbSC4jutOEm1GlLgwSb+rYTdkdc5rrZLhI+r7QeQD3rjPCHhG58OTXj/ANv32sLdM8r/AGmKKJQ7YLudibmOFCgE8AADgV1y2ayZZjmQkk8Yxz0/DpQAkc0kkxIGxex9aueYzD71Vo7f95kZp3llXLZz7UATMWX3oWU7eOtRNNiQBhiiNlZSRmgCXczZLVC1yV3EdKj+0R7jnd/3zSrMjAADPttoAtRT7oyTUqyHjLYFQrMqoBsYe22o5Zw2UCMMr1oGXWkUKDnNN8zdyKz2m225AGcDmpzcIsa/3yBtX8KALG8c5bGKj+2RM6ruXd3qBpPkIIwWHNPMccds6gBsrke1Ai0syr/FzUqMG5PJqlYgfZgxOSTToJD9odB90igZoL7dKdtzk1Cr8ipfM2/jTuMq3PzFYgDvc8MP4ajto2heUfM249aulc0gTBBouMbBMsgKnhh61Y53cUySMSckYPY1XEjxthzle1FwLrEquT1qAyc9ck9qjkuHkwB8q/3vWnRRDduRee7UXAk+eNlYKQFOQV4Ofb1rkdc+HOmaxftqOnyzeHtexxqWlgIXP/TWIgrL6fOM+ldkV4qJojyUO1v50wOCt/hpea3cxz+NNd/4SWO3I8nTIbf7JYAjo8kWSZX78naOm3Fd4qLHGsaKFjUBVVQAAB0AA4H4fpUP2iWFtsqYz3qwvagBnljtWR4sgWXwvrkUiK6Np9wcMBz+6b14461tt1qlq2lx61pl3YTSTRQXcTwSNA/ltsZcMM7e44oGfKnwwsR4j1D4Q6XJpUPhz+zdL+3JqIRN+sqU2tbrt4K45dW7Y+U19L6T4T0Tw800uk6NYaW86ASNa2yRMVz0JHP+e1YP/CofDn/CN6XoRGoPZ6bKk9jKbzFxaspJGyVRkDnoa7KCAwQxxl3kKKFLyHLNgYyT3Pv3oDYDHtyOeOmRikWPOalprd6BkWzFNePjI61JtzUcnDGgZAyk8mon4qxUUu3nPWgCs/WoGXJqy23bioHTpigCtcQeZg1G0eVxVpuBUDNigCo8e01XmXzONoOeOOtXnTcM1WkjxmmgPMfEPgqPxj4m8R6fqumXa6NqFhb26ahhdsc0Zkbeh7Ou9cHvgivPl8J+LND0dYNW06bWr6PxIZTqVjaieWKAwqi3McWQCx4TLZClmr6Gkj3LVZlZSAKYHzT4A8O6n4RuPC3iC/0zULS0s7S50S7jnhZXt/8ASDLHLtC7mT+EsvGQccVo+NWGr654p8VWoaLQoPD6aXHdTKYlu5hKZCiAjLL91c+pr3yQlZM5IPqKrzM7Hk7j6mgD5h8Q6bdxeGfFnhYAN4ZsLS41myuw3yyJNE5t4gf9l3mP1Va17zxJqt1fW0Fn4jstDt7fSbG7tvtE7COZTnzTsC/vRkbCvbKmvfbmBLhTHNEkyd1kQOPyPFZN34Z0e7e0afR9Pm+xsXtmktI827ZyWTPA5z070gHKxkXLHc3UtzyfXpUUjblq5IoXnueTVeYBeB0pDsUJEquyjnNXpFzVSZduaBooyxg5xVdkI4PWrcxJUY/Gq8i5HFAyFvu1FjcCKm29aiPGadhEPl0+MbQRS0VaAbuVc56nmio5B81FaEn09t2dOKjkYMSDS7/lxUajAzXMQJlVbC0jMWakkOTTd3y0gHeWNvNIsKt+FMM+xTSCWgVyfCrzSO24ADpTN24UzO0kUCFZQGznpgnIyoI5Bx9fWuFj+EemSReJLe/urrVYPEEwurmORY1McwACvEUXIKgA/wA67lZgvA60pLLQIqaDpZ0TSYbKXULrU2iAVLq72+aQOAW2jHT/AOvzWorKwyOlVtxZsnrTt3y0AWl+8KiZSWOelRpJkY3YpM7W+9QBYXAUY6UrdOOtQrIT15FS7ht46UAAY96Tdk4qN+u6lwGQnvQBKyURpTY5jt56UqyjccUASDHejCg5pqvnNRtJigCVn9KVfuio1c856U3zOuKBMnjYKMmkysnfFVWfNPXP4UCLSt6c0/d8tVFl8tvan7vyoGiftTN1R7vl46UzzfmxQMsVHupN/aj+dABLudhtOcdRVOMbrliysqZ59+Kttjv1ppKqM7c0AQ2zBYQCjDBb+Zpiq018ZCNse3j3qyrbugwKcV280CuVr61k+wXP2aONp5ImVFmJVN2O7AEjGd3SvJ9B+C+reG/Cvhia1v8ATbLxVoUTWr3UId7XULVmLGKfKK3BYkEBsFc17ErfLmoZbjZG+4ZBFAXHaa0iWsPmhVk2DciNuAOOmcDP1xz1q6v3emKqQOnlrjgYqcNxxQMsrnaKG4XNV/NKq2elOWbf83YCgCFmH2pc/wB2rK+3Ss5ows/mbsAVZWRF5DUATeWxwwOOetVrViFOfmwx5/GpvMLDhuM1Xt5EXcDyM8fnQBf87zB6VBMGaNlRgjnoaFuFViN2DR5gHXk0ARx2zC3MbPuYjG4fWpY7UgIXO4oMZpUfnipS69O9AESwFmyWwKn+zh49hORUBO05o+0HoPxpAWfKXHUqvoKVP9WUU4U9TUMMnpRNdFFPAIpXAbbXIEzQSP8AP95R/eWtCNqyZ5FnAcDa6/d96s2t550XzfK3QimM0FOTUi1UVsHO7irKP6cimO49mwTUe0Ohz1pXfmkaQ4PpQA1lBxjpUi8VDvBVcVMGoAezYNJu7UxpFVcmo1mDNgdKBkbSiYjPUGpw3HFUXbDE/wC1U3mbmCjq3FUBY3c0yWZYw7yFUjVdxZ22qoHUmuK8WfFDTfDmpJotlBc6/wCKJFzHo+lgNMo/heVj8sKH1fnHRTXlPibUrnxZq40/xOX8X60oDx+AfDjMthbN1DX8/RwOvzEL220DPa/D/j3w54wkuY9D1uy1aW2YrNHazZKkdQa2Fmzx0FcNqnwz0fxPYWEl7p66FrVvCogvtFdYrizbH3I5FHKA8bSCpHpWKnibxb8OQ48T2z+JtAj665pMBa4t19bm3Xkj1dOPWgD1ce1NZsVk+H/EuneJtPjv9Jvob+zlHyzW0m4fT+mOvHPNaTOdvIx9KAQN93NRbqa8zdB0qtJIwagosM1QSdaa0rbagZyTzSuA6So2amSs2OKZ5hC80XAWRhjk1XkkUDjk1HNJuNRSfdFMBzS/MKhZ6G+UfWq9wvy/ewaYCyScmoJmZlyKZkrwTmmSSAA5oAjkzxmoZsqobtS+ZkcdKgmlbp2oAbvEmcdKgZSuSelL5nUVE7EfSkNEExBHFV2zzmpp2GMjrVWSXkf3qBjJPbrVSfdipGdixqOVjjmgCrIpK81XZflqye9VZO9NARNxUfNPdsVGenvTAY33jQq5oOc80oamBHJ8rEUVHcZ3g+1Fakn0f5g8viq/2pozUhjPfrUbpg1ytkE4mLKAetQyS7SaF+XPvUM0e7ipuSK10NvHWlhuC3XrUP2ds+1PEJCnByfShCJjNuOaTf71zHirx5pPhKSG0uJJL3VrjiDSNPUSXcx9do5Uf7TfLWPH8UZdEuEi8XaBceFoZiBb3jSi4tjntJInCP2x0qgPQFkxTxIzHHaoI5IZoVlRleNwGRlIIIPfIpY2OOOlAEsjBfvHPtTTMG4UYoYFuTTPLyeOtAEkbH+JsDtTmbpzmmLGV5NLu+akBJ5ny0hmKjjpTWztGOtIqFuvWgBftLNjjHvUvnEcE5qJIwuc0jHPApgTrMrcU/zNvIqKNQvTrSqCzEmgB7XGeKj8zmk8tixxQYyvJ60hXHPLTUl5o2g9aNq/w0APZ880K3embT3609EwM0xEgkB60NIO3Wo1/nT2Ty1FA0N81qYXJbnrTzDjk/hQVODmgGSLIB9aY0zVHGvoMmp/KLdeKBDFmZxgdaXDLw1Byv3KQKd3PWgY2aQLGcHGKq3F40luoD5+arVwu6N0AwWXBNVP7PElusYblWB/KkIsq+1R1JqOa6bbyjFe5qyq7SOMtjrVa4VpFfOFOOMdaVxksUkjKDt20klxK20hMbevzVLGvlxqAxZcd65nxN8RtK8M3y6XDDca34hmXdDouljfcP8A7TnpGv8AtNxj16VQI6V7iVsKEATud1NaaWOFw/THrXllnZ6t8QtZuodU8bS6NqtjEJl0bwtMuyxU/da4kIImbPJQ4XnhcVpT+LPEfgAFPGNgdW0cDafEujwkhF/vXVsMsg9WQEfToFcZ3XmtPghtsa4zVzayqNuNveqGj32n69pkd5pl7Be2Ew+S5tnDoR7Efl6joea1lj2qEGcAY5pXAqt5zqd2MD0qn9obdtVgdvVWHP4Vr7doxUElqrNyMH1ouBDHdI2Fwyt6N1qf5qGi8tNxbcR09qiYOsJl3kso3D0NMCzDIR8p6VPGd3AxVeGYTbSVC7hninQzK+XzlVpgSuvWmh2XgVE1yjHYM5PpT4/mH09aQEg3KKjlJk4NSjGMnrUTTKqmkAxttvGNzY9qSGKWYM8QVPr3pszLM6MwJC9FPQ1at4iuWDHceu3pQgGrcPCB5g2sOD6VpRyjaMMPwqIxDbyc1ExSL5k6r1qgL6sW5PNMuJNowpJb0qFczKCG2L/OpeBwvSgEQ+dKsezGxx0PrUqSOgGetThQy4YbgentUP2N1PyuCnpQUSBiwwaXaI+T3pUZYxtXr7ULb7mzIzf7tOwyOSMzcDpXnnxMk1S88S+FfCljq0+i22spdy3l5Zpm58uFVJjjb+DO77w+bmvTV+Xp0rz7xozN8Yvh2/b7Pqi/+Qo6NgMVfg/exyXOjaZdweEPCBYeYuil31XU2xlmmuHHydwcZYj+IdB3XhvwnpHg3Shp2h6fBp1oTlliz+9brvdiSWb1JPXNbRppbtRcCGRf4f6YqHyGU7lJU54OOh9R61bprFVJJ9KYHivxQ8PaV4Js9e8VeF70aB4r063S9ubawl2xXibsAXEHfdzhuuRXrNrMZoY2PVkU/Xjr9a8I+Mnza58XgP4vCVm35SSivc7Bi1han/pkn/oIoGiyV4qPy9xNSL8w+lLuXv1o6FFZodtRtHnmrMhVqiKqopAVpIuBVeSPnFWpJEPHeo2YDOetICm0OzJqCQ5XNXWZWFVJuB7UAV3XJWoJV5qcN6UkmX69BTuBUkU7eFz61UaItnAwBV2WdUXFQq24ZFFwM/b8xzUMkec1ottwc9aruyquaYGcy7ahmkyuKvt+8zjpVSaHigCjgspA6VTkUrJ71osNuQOtVmU856UFGeXKk5XINQysBnHAqzNGCeKgmQhR6UAUppTyB1qo0hB561bmhDZI61UaEqMnrTAaz/LUavzilZaZNxtpgSFscUnWm/winR0wGSJuIPtRTmXdRWlyT6H3qV54pjMoXNUw0g5Zafu3e1chkSq25jhsChplVck5qCRvLApsqM4A7HmkIq694o0vwtpbalq19DYWgbYGk+Znbssa9Wb2XmvNfE3xA1vUbPz3mPgLQJuIrq6RZNWvu2Ibcfcz2ZgXBrX8TRLefFvwJG6hlht9RmXcN2GWJBuHp96uhh8I6Tba5ca4tjGdZnUA30uZZFUADbHu+5nH8P4800BwXg/wXqdzby/2dBJ4H024bNxfTH7Trl9xnc8j8RA9z94dq9ZjtYHsFsph9pt2iWGRLjL+aoAGHzywPXPvUCnbgf1Bp6t8wpgcbN4B1DwrJLc+B71bEMdzaDfnzLGb2U9YT7j/AL5NXvDfxGtdS1SPRdXs5/DviDaT/Z96MCX1aCRuJV9x9Dgiuokbay8989cY4Pf8K8s8SeJP+Ejm0iJrZYm03xvBp0fPmFvKBJbHbrQB6633RT1YdDWarlVGKlimYc9zQBf9QKRdoznrUMe/a2acVPU0gJM7eQMinqwfrwagKk4I6UbmShATMMNgUVHGSpyae8nOaYDyQuM07zEbp1qMN5q1H3NAFjcN3NLIy+XVN93GKcm7FAif73Sm/dfFMVmp/wA22gQO3NSK1QbWLfN07VMvB5pjF3UBtxApRGW5PSpAoVlx0oBA5VcBvwppx36U2YMzEiopAVQetAMnWZV47VJ5q4yOlUI1eRsHpVlE8v5aBDZLheu7FH2uNY8/fP8AKiSHbztzzVS3heTzmHAVj/KgCX7QkgLFqfazpLINrggdqqGL/j2/uZ5/Ko/s5kvrcoGGzPP4UgNKa4CsQgyf5UihZfkODu46ZwOuSKrQsFUqW3N3qxZExzRcYYtkfmKVhnlmseOta8WaPqGp2EsnhPwdZSSQy6lHC1zqN6ySNEywRKMRjfwGbc2RkbRg1W8H/DvUdSsTbW1nP4D8MXDFpollD61qY/vXExyYw3UgMWwe3Wt34EiSP4e2G0sFNxeHj/r6lr02OAFdxO73qhGR4f8ADeleFNJWy0fToNPtRhzFDu+dv77sxJY+5JrShl8uTcM5PO4AZye2DwRUyxqMim+SI+R1NSx3OF1j4Xww6hc6x4Svm8Ja7IN0rWyBrG6OQQLi3B2nJH31w31rS+Hvie+8RWWpwarZwWmqaTqEmmXX2aQvA7IqNvTIBwRIOCOOnPWs/wCL13d6f4c0trW4mtpZNf0yEvDIyZR7lVZWx1XBaovhfltV+IzhjhvFdzjGcY8mH1oDc9AU7lUjOCAeRjtUcr7c0+KNix7/AFp725bGaBlVW82NuMZ+XNNRH2+UTuSrTW+78KFjywFCAr26jzSqDAUVGrFo5AvrzVzaYWO3qetKtuBkjpTArxQgICOopI5JGkc4wg6mp2jzxT1iVOvWgCg9vKzgiZ8H+ENUMtvsj8xmdxGckHsO9azw4HFRNBuQjqD1X1oAjjuEfaQcgjIq2m7Py1TitVgVVRhtHT86uRLtGc5oAshvlxVaSHcMr97vTi3yk1LHNGqru+8aYD4UO3aOtPUFVwetSRsNvHWlUBjl+tAyX+EVJ/Dx1pvP4CoIZkkyBuyP9nigdx65381Ix281GPmbP9Ke68U7hcBJuWvOvG7NH8XfhpIvpqa/+QUrtNa1vTfDOlS6lrF9BpmnxcPdXLYVfp7+w+avJdc1rxN4y8VeH/Ffh7wlPd6DoP2gqdQuBaXOoLKiq7QxNztUAEFiCxPvQB7Bv+RaeucV5Nb/ABK1nVNbuZvD6w61BCoW78KXkP2LWLBgAGZM8OTg8H1wGxXa+DfiNoPjTzoNOuTDqUHFxpV6hhvIPXdF1wP7w475PWkM6YVFdZC5HpUzMMc/zzUNxJGkLPJIsMSqWeR2wqgetPYD55+MkMh1f4qsAQjeC7dif9oSzAV7bonz6TZEnJMEec/7orzvxr4uk+K+g6x4T8EWC63HeRPaXmvXB8rTbQNww3lS0zYBG2MHaeuDmtDRPiR/wj91aeH/ABtpz+F9S2rDb3ckvm2N4VGN0c44DHH3X5zmjcZ6NDwGpky5zUsTIwyCrAjIZeh96JGXcKoLme8bN06CmNuZfpVuQbmJFRdM1LC5RY5Y+tQybt1aGxWznrUXkhelIZT56mop26VeZR361VuF24x0NAzN6saWXd5ZxVtoByR1qOWMqMGgDJZSetMdtq4q7LGuDVZouOKAKg71BM2MVd8vAqGRMHPegCsW3AiqcrEHb2rQmUnBNUtvWqApzNgnFVpG4q5NEeSKpsvJ/vUDRUmkU8Gqs3t0q5JGTnNUplK5z0PSgZA3eoJe1SCN1yT0prZbOO3WgCBqjY54pZG9Kh3U0A7avenBfTpUfmc4qRelUAqxq3XrRUci7m7UVpYk+hG+bpSBFA5qvEx289aRptvFcZiSvGobNJMN0ZAqo0x3cU5ppAuAM+1AHH6xCrfGTweG/wCWek6jKPxMIrtPJEnB7VwepzK/x00JDIqyQ6BduI8gnc0sfGBz91TXR6L4s0vVtWvdLstRhuL6xcxT2mT5qMOp2Hqo/vU0BtpbrmpjCoxTC4U/LTlkMnXpTASSNeOM84FeFaf/AKReablfmm+Is6n/AIDE/wDhXu7FXz8wC8Z4z0OcY/CvGtY0WDwl4h8FWk19HK194vuNWJc+X9+KUqo9eSq/jQB7M0Kq5IXrzTGiV26YxStJt+p5+uec1GJm3YoAsL2xSn71IjGoZ5CG46UrAXUVTjc2KhdcsRnNQxuxAqVcnrTAcseF96RkPGetI3emq2KGLYmRRyB1p7Q4jBPWo435wOtOZiOv4Uhgu3nPWnwqpaoNzscHpU0ZKjA6UxMnaBZDUMgVWxQ0zLxUbMQvvTEWFVSo9qDiX6VUXeuGPerO/bCcdTQMkVkX5R1pxGBmqse7dVnce/SkIaxzinMN0YFNkw3TtUO9qVxk0IWMe9PXrVfd8vvU6jdHnvTEP45H502OGKHeFABfqfWqx8xWO2nrIzUwJJI14GxQKTyYo+dvJprE7sBuaG3r1OR6UgHC3j3iRl6dKN0bSxq33d65H/AhURuDtwBgVkeIfFGmeEbE6nrN7HZWUZHMjYLt/cQfxMf7ooAwPggqx/DKwLDH+k3uP/Auau+jk3cnpXi/wm8bfY/AKaJZWf2nxbYmWVtA1HdY3EyvO7lk8zr8jZB6ZNd54T+I2keLLiawgM+na1BzcaPqSiK7j9SVP3h/tpwetMDso9jfUUm75jn8KrLuUlsYp25pBmkBxXxpJPhfR89P+Ei0r/0rjpPhgpOrfEbHT/hKrr/0TDWt421zQdD0aKbxJLbpaefHJbxTJ5kkk8bBkMcfV2BwQADzXn/gfxvH4P1LX28T6bqXhWz8RazNqen3Wqw7ISrrGqpIwyI5Pk6NigD2mFii8077QO3WoYWWRVYYdCMqynII7HOTmm7cyHIoY7lnzjzmoxJzSLxmhVy1JBcc3Y08NxUci/NinLHgGmxjRyefwqVG67vwqv0xU22kgGSMdoqJrjaCD07VY8tm6VFJaksM1QENvtmZy3zei+lWFbdvVSAagjt9rHaMMepqwkJjwQck9aAGYdV2ltxojVlRztzx0qVoT1HSrEER4JpAPt3LRrkbeOlTKc4prbs8dKVFYmmA5pdpxjPtXmHxm8Rap4VHhWew12TQbW/1uHT7yYrD5axSK5LZkQ7W+TrnFepNHnrXCfFLwfrPi7/hF10qHT5E0vV4tTmN/cNGJBGCBEFEbbgdxPbrQBh/CfxlqniXU/FVnPf/APCQ+HNOuY00zXxEI2ut6HzEyoCvsYAbwMc13niLU9Z/smKTwtaWGq30spjE13dLHb246GRscyYORtXnIrmvCPw/1PwTr91a6VNaHwffOLkWFxKwk0+ZyfNEZ2ENG2R8px1qx8FY4YfAqW9viOK31G+jWJUKCNDdSlAAeg2kUDE0P4XwRarFrfiW/l8W+IIuYbi9QC2tD6W0A+VP94gv37127qztuIZm7ljk1Ise3FLtoGcv4u8AaJ44aBtVtWF/b8W2qWMrQXlv3/dyp8w57H5T3Bry3xx4N1jTNs3iewn8a6Xag/ZvE2iJ9n13TwOhKIB5oXqWUnOMlc5r3nbyaideRtbDDnJ6Dg0IZ5Vp/wAaNBGl2Gn+G72+8fa00IEdtaLmZyON91IwCQj1LAGpo/h3rHjplufiDqCXNsCGj8M6Szx2Cj0mY83B+pC+nGKn+HdrGvjv4nLGqLu1qEkL/wBesVehRw/L7U2BWtbeOxgjtreKOC2iUJHFCgVEUdAAOAPYVFqmn2mtWc1hf2kN/ZTLtltbmNXjkHoQeMe5rS8sHgdKZ5O1zSAxPCvhHTfBWlvp+lC6ismkMiQzTPKsJOMomeVTA/w4r538W+OtS0PxF8Q9Oh8W68PENpqkdv4c0+GcyrNIyIwjMZVlZcsc5xhcCvp91JIzyuSML1zx+nHavJZ/ghJrepeM5davbGW38Q3Md7byWgkWbT541CxyKW7/ACjJHXpVDOuXxVbaLpejJ4h1Cw0vVryGNPs80qQh5to3BAeozngVtiQ9+v0ryjxlHNZ+G7Xw94qiXWr/AFCFbe41bTdMnnK2qsHO7bGzLMxBAXgAtu7V6pZqWtYXKum6NW2yDBGQDjHakwCSZVwT1ppuQw4pZo93NQPE2eKQIWR+KqTN1qw0ZXk9aikTdQUV1l7VHI2FJp7Q7WprL0oAz/OO9s9Kjl2yD+VSyRMzH2qu6tuFMCubna21u1KzBsEdKZNGd3NKEATjrSAZI3ygVVmIXJNSS5A5qrN8zfSgCGRg3I6VVk6mp+uagk6GqGiFm61VmYNwanb7zVTmbDCgZCwxwKgk706Ru9U21K3e7a1W6h+1BebfzV3+v3etMB8kYZcnrVZohg4qWQk9c/iMU1m9KYrldY9tSJ3pcqevWj+LjpQMX8M0U1qK1uSeveNvE1t4H8OzavdWtxd2luyiSO2Zd3zELzuI7kd6Z4d8V23iPVtR0r7Peafq2niN5rW5VchH+66lSRycjrXPfGa11HXPAN3p9lp9xfXNxcWwWK3RmYKsyu7E9gAvHvVLwXpt/wCE/EXiK2msb64Opn7bB4hceZIU2nZBMW+68fzEfw4IrjMTudd1zS/DNidQ1W/t9Psl6PMwySeiqByx7bevpXKnVvFHjrjQ4ZPCmiH5f7W1GD/TJgf4oIG+VR/tPz/smrfg26Hibwb4a1LU7WLUNSW0S4W4uYkLLMRhnGOA30rrEu3XG9S56c4zQBxh+DHhdrFoZLS5mvGfzW1iS5c33mgf6zzeo+g4wAMCuS8U+DdVsQj61aXXieytlHka/pRWLV7BcZyVX/WLnuO3VSc17G0zjBMWM1MJtvKjDA44OcfUUwPK/B/jbXLW1tz50Xj3w+8ohGraYoW+tT6XMB5OOhZfTnBzXpeoanaaNZyXt9cw2FlGN0lxcuI1QepJ5x7CuQ8UfD21uL2XXdJlk8Oa/HGx/tCxIAkAGdssZ+WReMc+tY/w/wDC58deHdB8W+KpX8Q6jdRLdw29yQLO0z0WO3Hy7gMfMe+aYGlH4v17xwWi8JWB07TGJB8RatGRG3vbwn5pD6FiFqzZfB/w6IrptVt28R390NtxqGqt5kzD0XH+qHsldl9omdlLR8dMbjwPSnbz/cwfrTA4NvDHifwPEG8O3cnifRUBH9jalLi7hAGcW838XoFftx0rqdW1r+yfCd1rb6dNvt7P7XJYs6I6YG5kJPG8Zx+FaPnSrxtGPesTx1a32oeB9dsrC0a9vLuzmtoYY2QZZ0K5O4gAc+tAFDwl8SoPEOs2OmXekXWkXWpaZ/a1n5kscqTQcFslOVbkda7S4h3MQeDnn6968f8AAvgrW/AusW19Hp81xBqmmQ2lxdXMyS3WkSRoN2C5OYGwG2g8bciut+GepyXkOtH+2JtcsGulaze7uFllEYQBiSvKxtIHMef7npQB2EcAX61JHnnNM8xjznPuB1o3N/dzQBKQGGO9IIW/GmpI6MCFGfejzJJuTtFITHqpXr1pSvmmmeZKR/DimCRs4pCLXl0qxcmmBpB0ximtJMGwpjH+/wD0oQybyqNgDc9agkmdWzuGaZJNcSMArJ+IzVCLL9cDpUkaf3unaq+yXAy6k+lOZnRRll/3aALA+TPvTG2qDluah89mXaox74pFSVupz74pASxSK3vTtgY8dKgaEg8Ng0qxybhzjHekBOLZSc9xTt3zBareZIeN+aTa2eXwaEBYEYc89alWFExnIGeT1GPf0qGPeqnc+ac0Rbo+OMDPC5PH4/hVAed618TtW03xB4o02Dw1Fd/8I9ZxX88y6kEMsLqzfIvlMC21W6ntXY6D4itvFmg6ZrFh5i2eoQR3MMcowy7xwD7jp+FeJeLvAd946+IfjlbU6jaiaxsFs2uIriOyv5YC++CbPytGSVX5v77be9dbd+Iry+8I+GLmOz1PwpdrrGnWdxprRGBUVpAksQ+Uq8YGcbOMYpAbeu+LtRvtXvNB8JaW+o6pbMEuNRvlaLT7NiAQXfrK2CMRpx6sDmpfDfwzttN1CPW9avZPEviReBqN4qiO2HdLeH7sa+4+buSTmusjBJYO7SDpgnAH6VLFHt6M3PX5uKYGT4q8E6F44sUttcsVvDG26G4RzFcW7dd8cq/MjD1/OvMfGHgfWLG3jh1i1k+IWh2xzBe2mYNf0wdd8bqf3uPVSGIxw1eytb/MMHI/3qYIljcN3/OgDg/hTrkmr6fqDSeL7TxRo1qg8u5mTyNQtiDzFdAnHHXcwU9eKlf4iah40mlsvAVpDcW8bGOXxLfqRp8TZxmFcAzt6YG3j71YXxY8A6BrHjPwFc3ulWs09/rQtLyTbt+0wC2mcJLjiQBkRsN2UV6vDbwpFDFFGkMUahVijXaqgcYA7CgDlvDHw707QNQOqXk83iHxE3Daxqh3yJnqsSt8sSew9O/WumuLO31C3ntruKK7t5lKSwXADxSKezBvlI9qlaFG4C80sUO0420Ac34V+Hdl4J1K4m0a9vrTSZo8HRGlEtpFJn/WRB/mjyPl2L8vzVy/j3xVdaD8UtF0m48W/wDCNeHr3TLm8mlkW2CxPE6BQGkU8sCflwckYGK9TjAXgjBrznxh8P7nxV8StK1S7sNNu/Dtvptzp11b3FwRNMsxUllXymAIxgZPU0AWfhf431DWPh1b614snt7CYPKovJ1+ypPCGIhnKtwm4DOOnPHFdwt9byKsiTRvFIAySIwYOp6EEcHI5ryk2s3wt8Liy8TpZ+JtH0+bytDdopZrmTcGRIZ1KEAIhYFweFBHGcV2Xw40+ys/A2i29hI1zZRRMsc0kDQ7zubcwRgCqls7RjhcUAdR5wLgj9Kes37tg34VGvHt9KcBuOB+NIOpF5hXktipYZA2STmgxfN7U9tseBQO45Zo1hNRNfIpAKkjtxUyqNpHao44l520xkLXqKAzfLnp8vWpIbxWUnaf++aSSNtw9qkwW5NABHeLJ1VvbtU63Kjqrflmolh3LkEA9s9KkhhZVyxDN6r0pAP+0bjgIwHrUqy9OGNMVcril2laYE5mYDhWxSrIWXlWqKMsWqfa3pmgCP5lwVVj/SpWeQtk7m96TYep4FKvbFAxNzd1bNIS/ZM1YU5XFKI8ZNNDuVd0g/h6010dWGUzgZH5irZXIzTO+Pp/OqA8y8BrLH8QviYvl8/2tbk8+tpEa77zJMYC4rh/Auf+FmfFBewvrJv/ACTjr0ExhicfWpYyqjO3VafukbOF6VOse3IpCpx7UgKZaRmGV4qFgwYjbV5uOlNK5GaBlRZ5I124IH1xUMjN/dz+NXJE4qBlouG5UO5s/L0qs0zxlj5Zb0+atErkYxmoJocc4waA2MmS8mbkwOPxpPOdlBKMD6VckzzmoiueadguU5psLjbz71WkvNg5jc/RavSYH3unaoW2nimMzZLwR/MUcH/daoGnHX5gG/2TWjJDySKjePK5pMZmNOobaGwKZJcKoxnNW5IxyDUHkqOMZpAVJJkK7ice9VWmRjhDu9TV+eEBcgZB6iqTQrGcqgGaAIZSrLiqcny5CjrgDBxk56E1ZuIVyT0+lVWj7hcqDnjr0P8A9aqA5+48a6HHrX9mNqMa3xm8hU2MVMu0NsD7cFsEd6uzbWH/ANfJrzHWo5/DfiGbUrORNW8NXOtLHe2ch2z6ffMwTzIz0ZWYjKnoSTXpRjZVAzu4HU5/XvTHcbHEs0yDk7iEx/LH515f4B8N2PiTwhZy6jbRyag97Jc3Fy8SmT7QJn3An/dBH0Ir0x1csADhjwFP8x9c4/4DXJJ4f0vVLuTWLC5uAk0hnkjtblhbTTDIEpjIKlgR6fw0AedeCb4wxeCFe1vLG1iiuy1xI2y3nAXI4VsNg5PzCvWLO8t9QtUubSdLm2lG6OaM5Vh6g1ztr4IXR4dH+zXl3JDo8k0sUTRJI8ocHcuQAOM8cdWq54PtZtP8PwxXEUiSK8hUzIEcqZGIZh2Yggn3NMRrM3Jp8XzUFlanLGAcimBJH/EfeikYDdRVge1eW65z96m+V9oheKRQ6uCpVhkMCMFSPpWttDZytVbiMRxsQMCuUxKFjY22mWsVpa28drbRDbHDCMKo9hVto8AHvVN5NwT61sKuVH0pAV2y0ZB60+GPy1yTnPQVOq1KqcUwMnWWMWk3zlelrMcf8Aaue+EcOPhf4R5xnS4Tt+qA1v8Ai1jB4Z1qQLnbYTN+Ubf41R+F8IHwy8Jo3BXSrX/0UtMDbVCPpTmQN06irTRBgMdBTSNuDTAhjjL9OtPW3dFbNTRybGz61Y4kXmgDNmhSeNopEWWN12uj42sv90g8GodN8O6fo0bpp1hbWEUhDOttFHFn8utbKxqtK7KozQBkSRv5hQNx16VJ5wWM4YYHWrUkYk+ftWa0YWOZU6YoAsxzCdQyHIPapGRlUEjGajsI9sKEelX/AOEUCZWRSVIPWmLbu+VRwjNlAW6An1G7mrqRhlyaaMxZZFEjqCVjB2lie2cHjj0oEcD4B1PxB4y8D38sl/BHrUWpXttBcJCqx5in2RqyZ+YYXB7jLEVs+D9dHxC8Gafqto0mmtfRGNzGEc28oYpIBlTnDIRjuOTVDwLZXnw38Iao2vi3iCajdagrWs3mBxNK0ir0HzDO3GOuKt/Cvw5f+Dfh/YWlxbquqt513JatIVRJZXeQISATgAhSMcFSKAPPvA/xK1TVtLv9G1+ZtP8AEf2GS/0u/iRFW9gG4q6rgrvGzaygfw10knxG0/wnoNg2sz315cx6bb6hf3VvboywJKV2u+CigFt2No6KO9Q6h8J5PEnwz0/QNReOx17TY3NjqdhKW8mYZIYOQDghiCuOlZfjr4O+JPFFi2nwahpM9idGtrC2S6Mv+iTIp3yIqfL8+B8x+ZVAxwaANqx16+8beMPEmm22pXWj6T4fkhtmayCrPc3DoXO5nVsKq8BRgknniuQ8YfEHxBpfhD4gWB1ab+2fCdzaiDVUijQ3UE7IE81cEBwGbO0YOAa7mz8Dax4X8TaprmlTabe/21FE2o2lxJJCn2iNMCWBlRmAKkghh6VneIPg/f6x4Z8T25vrJ9e8R3MNxf3rq6wRLGwKRxqAWKKF25PXdnjpSAztd8ZW95428B6ToXiW+kgu7qW2v1jUK00aRGRSd0Y+bcOcHpXrfmjtjPU4JIz7Z7VynirwvrfiDxF4R1VLmxj/ALFnkuLiGR5D5zPGY3Vdq9ACx5rr/JWPAJB9wf8A61AEcZZsmnMpbae4qRf3K/KM+tSKysvpQBXEA2EP96pFtivJp5UKcjrToyxNACCLfx3FO27Rz1qZFJzmkZW/CmBTaAE8jJ9Kqat4b0/XbeOLULKO5ijlWaNX3fK6nKsPxrVEat16ilXtikBEbckl2GWY7j16nr1ppj281bWMSdaSVeOKYEUMfmZpGXbg7c5qaMbeabKNxU0Aee/EqEv4q+Gq4YK3iBs/+Ac9egx2hjyD1rhviD8viz4Zrhmz4hdvp/oc9egq29RzmgCHyulOaI9utSbdp+7mlZtvPTNAEGzGd3Wo+nSrMuCuSMmofl9MUAESupyrmPPf1p5QZyXyaVdm33qPb759qABlDN8pye9PEf8ABtyTSr8qjjFShOc0ARiNt3TAp/lqvJ60rN83H40xm3dKAHAhck9KbhZOVrL8ReJ9H8J28M+tavZ6RBM5iikvJljVmAyV9+K51fjZ8Po2CnxpozAjPyTg/wAloGjs2Us2D1p8UXDZ/CuFb45fD9myni7T2A/u72/kuKkX46/D9uV8T27+yRTE/ltoGd55ZXBp46V59/wvnwIWGNeLf7Isbhj+kdH/AAvjwUeV1O6fb2TSro/yjoA9BHBzT/vV53/wvjwh1FxqjD/Y0W8/+N15t8av2ir/AEOz0rU/BOoTRhJTDd2WraJcJDLu5R/NdBjaVI2hh96gD6QWMR89zUsaHJJr5R8I/t0QyrFD4m8LPG+/Am0m4D7j6iKRQfwDNX074b1y38UaFZ6taRXUNrdJvRLyBoJRzj5kbkcjj1GCODRqBqsqnFHl+nSmnPGOlTRZxz0oAaq7cAKGY8AEYz+NRLdQ3DOkM0Urp8rqkisV+oPSp2P93qOeDn8xXiHxA8L61ZfFXUvFHgxEGs6dpdpLcaOvyx6rA8k6yRkf89MIhU+1NDPX5dY023SZ5dRs4lt0Mk7SXCYiQdXcdh7mvMtd+JWoeKdOubnwxcw+HfC8IJuvGesIqR7V6i0ib/WN1w7fL6AnirXws8ReH/iJrXi/V9Mtontr1bJbmKaJd+RAfMjlXuwYNn1PNbjfC2y1TxEdZ8QXkniI28udMsZ4vLsbGP8Ah2wLwzgY+dulMZw3h/4dxx6TB4t+HWrakus3O6W4OvSSmHW13Hm4VuY9xGUdQOCuQBxXdeCfH1p4uNzZTW82jeILP5b/AEa92ieHvuA/jQno6diK6+RBnJ/A5zXKeOvh7Y+Nkt7hp5dK12y+aw1qzG2e2brg9njPdG460txnSq3Hv3Hp7fhR615vpvxUfwrfLovxDNroOpbS1vrDSbdP1JQPvI54SQdWQ++OMU5vjloF/lPDdlq/jScY+bQ9PZ4M+vnSbYgvuScfpRYD0HaWkVQfmY4HGevtXA6X441TxtfaifC1vpq6Np109k99qkjhriaMAyCNEUkIpO0kk5OeOK6jwzq2q6pZx3esaE2gXPm8WbXqXLGPghiyfKGPPyj0ry74f2d78IY9Y8Oatpmr3dgb+a7sNU02ye6iuIpW3bW2A7GySCGA6A7qaA2ZPipqH2jSNEOiR2/jHVJbkrYT3DC2toYZGUzyTYLFDj5eBuPGK0bLx3c6f40h8K+Iba3tdQuoGutPurB3eG6VCRIoDgMkicfIR0PHGK5vxNpWtL8Q/DvjxNIupbaOxn0y906AebdwQu5aKby1J3NnO5RnbzTptNufH3xV8M+IIbW4tNF8OQXB+1Xdu9u13NMNuI1dVYqo5LkckkDIwaGNHp3QZwARxwMAfhUEsmM1X1zTn1TSrmyS9utNMqKoubMhJouf4SQR+lcI3wt1NGO34keMcjjLXEDfzhqRnZX0K3lpNCXkj3oyl4ZSjKNpzhhyOtfNFp8R7hf2cb68/tvxEniaOKS4F9tvGPmLIVAE2wx7doxgkDjnmvddF8E6vo0s0x8Z6xrTvG0aQausLwhjja2I0R/UcHvXH2fwf1W1+DuoeAv7bsX+0JJCt61tMU8p5PMYFd553cDnpiq6COd8VeIPEHgTxBomq6Zc6jrOiQ6Wt5q+nXM7XDtGXKmaLcSQy9SucY6cYrsPCmtJrXi/Xru01i4vdHW0tbi1WSfdCgkQszAYG37p4J4rQ0vwvrUGvaZe3dxpjwWun/2dKsPmb3O4MHG4+oYFfQ1Q8EfCqw8C614jaybzNH1dYjHpsigrb4Dh41B42EsTj0NAI6aPW9Ll+WHU7Jx0ylzEc/k2KU3UEhxFPFJ/uuD+oOK5u4+DPgSZsHwZoeB3WxRf5VmT/Av4fSbmPg7S8jukbIfzVqCjtfLMmdilz3x2qCRGH8DH3rxa1+Dfg+b4qeI9MbQ1SxhsLOaCGO7nQIzbt2CJM/w5/GupX4H+EUjPkQ6ra+nk6zdLj/yJSsB3TI20/Kw/DNUpULZVR8xPcHIPqM8CuMk+Dujx/LBrPiq1Zf4otfuD+jM1cj8QvATaLa6ME8U+KL2yv9Vt7C7tbzVC6yxOHJXKoHx8v94UwOg1j4jefqEujeE7JfEmtRnbNKrbLGzPrPKOD67F5qbw54RvdMvJNU1jWLjWdamAVpA3lW1uuchYYh8q8/xH5z1711Gj6Lp/h/T4dP0y0isbGH5EhhGAoH9T1PuTT5P4uSee9MDmrrwXoVzq/wDaMujWzX6sJjN5bAs/IDN6tgn5/vVyN1/aXw1nLNLca54RY/NMzGS70wZ4Zj/y1h/8fXvwK9Ik71WkwrDgHPXcMg+xFMDAv9btrfw/c6vbypc2sVpJcLNCcq4CMcg+nArH8FW39l+C9Et5MiRbSPdu67toLfqTXMfEzw/d+EPDOt3Xhx1i0y8Tyr/SCpYL5rhGkt/7rnPKHgnJHJrqdK1qx1/S7a80+fz7NgFXkq6EcbWU8gjGCDzkUAa27egqJkpAxTkDFRyMe9ACuvQU6NdvFVPMYyAZwtXBn60wBsUUMuaKsD6DZctx0qKe1W4Xa3TtQTODkqv/AH1UnmSH+H+tcxkVZLVNyY6ip1WmyB2bIUZpVV3/AHbExhvlLRtgjPBI/wBrFKwh+3kU/gZJKgLyWdsKBjqa8Js/H2teH9I1TT9eu7hrO+F82i635zLKrwvIot2f+F/kyvqCRXVeLtBvNW8L6Sb2LVvElpHaw+ZoVnN5S38zKPmnl6iIE9DxjjnpTAl8Q+NZ/HlrqWgeCoI9UEiSWd7r07FLCzDLhgpP+tkxxhehwO1T+AfFD+H/AOzvBXiK2XSNatrdILKfdm21CNFADRueA2AMo3cGk0f4eavdXFjqHiS6t4v7PYNY+HdJJisLPbwhbHzTMMnk/Ln0FdV4l8L2PizS5dO1O3W4tXPykZWSNuzxN1RvdeKYG4qHkEYPpTGX5q82tfFWufDO4tdO8WSfbtAkYQ2fiXH+p/uw3Y7Ht5h4wBnmvRHkkaPzcqY8bhLuJTaRnIY8Y9COCMGgCx5e4D2qj4g16z8K6PcapqMywWVsu53Iyc5AVQByxYnAHrXPap8VfDOg3X2Z9atry/4K2ViGvJ2OD/BGrfris74iaTqvjfwTYy6ZZmS4hurTUY7G4BheYxSBzE2e7AZUN3FAG43jprS4t01LRb/RLe43FLy6kjZIwqNJulEbfKcKRg1R/wCFpW0Ol2Os3GlXth4avHVIdWmaMRqrsBHI6AlkjYsoDEYIYHvUWvSah8SvDer6JBpN7pz6hZ3EM1zqcLW6W7MhCqM/6xi3B28Ac1zPiLStd8a/DGDwQ2h3NhfTW1tYXdzMmLa2RGQPIJPuuCqcBfmwaAOmuPilaPol3rlro2oX3hq1dlk1aMr5bBDtkdYywdkU/wAYUDjjI5q1J4ztbjVpNJ0Oyl8R3cdul3cNBOkMMUUilo2eViBukXdhQpJAGeK4/R9O1/SfhO/gQaDcPq8dpNpcdysX+hMj7lE5c8BQrbmB+bgVL4O8L6p8Kte1O3TT7rW9Jv7ey2XthGJGR4IfJKyKWVtrY3A8rzzzQK56L4d1Uavp7yLYXGmsk8lube72l1ZGxnglRnqMcYI6dK563+JRuNN8XXQ0WcQ+G5WjuFa4j/fFEEj7T7rtqn4sudaa40Z4dXOi3z3EbrpbOmwwCT9685PUGPC4XjdtUck1y134C1G70v4oTy6Pqn27Uru6l063W4dFnR4RGp2CRVY8HJfJxQB6/wCGdYbxD4d03VGtzai+t0uVt2cOUV1DKMjjoRWlz6Yryz4EprVjYXWmazPPLd2ttZlP9JEtvHGQ4VUQL8hGzDLuOQFPevTtkrKcSYPf5ep70CJs/KAV3fNke1ZWseJtG8PzRR6tq9hpkkwLRrd3aQsy55YZYGr7LNGAPun/AHarXempeMslxFbzui7VaaFWxmgDH/4Wh4MQnPivRAfUXkf/AMVUcnxW8GbQv/CW6OWPTF4mP51tx6LBGu4Wduox2tVFNGnjGY4YV3fL/qFNAGE3xZ8FNx/wlWjtj0ulyKVfi94KK4PinTGx3W4DVvR6ey7gwQFec+WqirG1reEyeescXXcdu0fQ0gOW/wCFv+CmzjxNYsR/dLH9NtNX4xeDO/iC3/4DFL/RcV2S+cyjbO4zzkEGhvtYZVF3IB/OlsBxzfGPwWFAXW1fP92zuG/XyzSn4seFG2lNRmkHothdH9PLrs0+0KPluJPfmntNMRgzSH05ouBwjfFrw5GWYyahIuM/u9HumyOOP9XXi/xA/ag8R+AfH1zb2NrZa74fmC3EEWo2U9lcxr0ZN2FON275sNjivp6SOWQHM0hIweW+Xr0Nefap8AfCPiDxXdeJNdtrrXdSkIO2/uG8mMIAAqoCBtxjrnmi4HP/AAx/ai0T4j6lbaWNB1fTtRkwu2OEXkC+5kTlV9zXtZkVgVznbxnOf8isnT/D9npFmLTT4VsLOMbVtrVVjUAdgqgACrv2Q/LmR12jHDc0XATcGk+Tr3q4qg8HqKpx2Kqc7pM/7TVYWFY1JOTn0amBJu9KXJZcBc+tJ5Cnn+ZrhPjPoKal4D1Fo7u5sL2Ewm2vbaeRHt2aaNC67WXOA2SpzxTA7yONvLO1Tx1rmPGnj7SvBv2aK58281W8Oyz0myTzbq6bpwo4VfVn4FeaSeJJ9aXSPCHjCLyvGGl6zY29wsbsqahas5Q3MZ7pIAoZfU123iT4dz32rS3Ph+az8Oyai2NU1iNDJqDIFCokJb5Yycc56ckAmgDl5vDeq/ETWmbWPFsfh7xNpKi+0/Q9JZJRpeTs864b/loWBKsmQMN8tdf4R+IFxPqx8N+KrWPRvFQBdFjObfUUHWW1Y8E+sbfMvPpWp4X8EaJ4O082ekWK20LkNNJJIzy3D/3pZG5dj6n9Kl8V+CdI8YaOdO1S1M0O7zIplJWa3kHSSJhyrD1X054oA3jdxYwGTPt0qP7R1+Zdtea2et3nw6FvZeNrqK706ecW1l4j27QwP3Y7rgCM54D52sR71q618UvBuiXQtZNTh1HUCDss9Kja8uCfQLHu2n64H4UAdotxH0aRR/wKuP8AFHjeWw8VaT4Z0hbebWr+GS7ea5J8m0t04MjY5ZichF45zUvh3xBquu6hHv8ABl5o2kMpJvtVkijnLY4H2ZdzYP8AeYrWR4u8OalafELRPGWk6e+rC3sJdL1DTI5ESZ4XO+OSHcQrMGBBUnoKAE8UePNV+HdrqWp69FZano1vYmWGbToWgkkufMSNYGRpD13qRg85PTGKh8TeMvE3gHwz/wAJLrM2nX9rCYm1HSrO3aN7aNnVSYZd5MjIXGcjkD0qx418Oaj8VPBeq6K1g/huGSNJbSbUQpl+0Ryb0YopIWP5AMZJOeFwKq+MNJ8QfEzwnL4WutBm0T+0DFHql7PLHJDFGrq0oh2tukLbABlQAGBIzQBa8GeLtX+KFnPr2jala6LoDXE1tpyvZG4lnWNtpllO8bFLLgKgBPJ3Uml+K/FEfj/wnpesTWcSX2lXlxe2trbhY/PimQKUckkKVdSFJJwag+HvhrxD8J9Ll8MJof8AwkGkW1xNLp2oWl5HG3lyOz7JxIykEM5G5Q2ccda1pPD+ut8SvDOt3NlE9nY6dd213Nb3CKIpZWRlIRm3MEEYBPc5I4xQB2rTKygZwe/Tr+FIt1AreW0gDVY8vGRsA9h/+umLD5efloAinmtJlRZFhlUNx5kat+VRSC2EihIIU+kABq2vrjFOxltx5P6d+D/P8KAIFZEK/IpLeiYNSQzBc8sp9K868B/Fqx+IniBntNYtrK182RdP0/Yr3N6iE7p3LcgZyQsfzYAY8GvSXwq5kOyLadxznag5z+GQaChPt7Jn944xUP8AazzNw8px/ssa8++HnxMn8U+LvEGl6hbC2Vimp6Pxj7RYMSgYnJz8yh+R/wAta5HxR4/1nw7rPxDB8XxWh0BLa40yyv7W2P2wTRBzGVCBnG7aqlWDAtQB71HqEzLnfMP++q4b4mfC7R/itJpg8RzarcWFi5dbC3uGihmY8EvhSxO3I4I4JpnifxP4g/4V1YzaXZfZfGGsW0aWtkc/uJ2iMkm7PIKKrnB5BK10vgXxNF448KaXrcEZh+2Qh5Ij/wAs5B8si/QOGH4UgKPgz4b+FfAar/wj/huy0yVRtFykIacj180ktn1yfy6V1zTM3VW/HrU0cIVeOtIy9P71GvUCFJWzjYxqZZGBPysBUq5CjNP2qfrTAh3k9FbNYyeH0h8T3OtrcXxu7iCO2e3LR+SUjLMgUbd2QXduvet/bRxkDK7sg89sdCfbqPxoGjnNF8PaPpGpa1q+l2scMusypNdtbt8kkiBkL49eeffNbKzNuI8skqccVzWlW/h34Y6edOl1i30+3uLm4vIINRuUjZBK5YpGCwO0MxH4V0+0MoKkFCMqVIII7EEEjGKdiiGW5ZjjZiue8b+LE8G+F9V1ueAvBp9q9wckYZwPlXHfLbF/GujkQgZPSvM/iqyeJNc8L+DiSlncTtrOqO33BZ2pDBW/2Xl2j6BqYHLQpq3j7xR4K0LxGiXj6HYDX9ZjaJQn2qQNHBCV/wBnLn/gNezrM8cYi2N5akhURQqrz0Arz74LwS63per+MrkYuvFF+12m7/lnaJ+7t1/BUL/8Dr0kKO/Xv9aAK0m/yziNmH8qAzheVarXTp0qB2xmgCi+8yEiN+O9RNcNuO5GP1q83zUxowFINA0UHmLZAicgVUkumb/llIuP1rVAwCFqtNDjpS2KM9bpmz/o8iio2l6/K35VpLDUUsO4fSjcRm+cAvKtn/dqu1wOcK//AHzV+SPcMd6heMKPm60wMxrz+H5h9VqMzbt309MVfZVOTVaaNCPegZ55bSCP4366rdJNGsmH4SyiuwkuF55xXGSR+R8b775t3m6DA230xNKK7Pyw3J5oAqSSKzferhvi46x6PoR67dds2/Msv9a7y4UbsDpXKfELw/Pr+l2dva7PPt9Qtbz96fl2xybjn8BSuBvPKu5vmA571TlmyxA5pzQR9O3aoHtEDAgY96aYDXY/hVaXHOOlSND1+Y1DJHtBO786YHG/E5SPBGruOCixPuAz92ZG5H/Aaz9c8N3VvfPr3huNBqEmHu9NLEQ6guBzjokoGAG6EAA9q0viTGX8A+IgW4+yM4/Aqf8A2WtK38wQxjOflH8qAMvRNatfEmnx3lmWUbmjeKZCrwuud6sDyCMEc88VZhaO+hEttNHPE3Ro23D86wvia08fgnUSrMqSPbxTbQCDC08ayAg8fdasDxd4d0/SNR0PULTSizNqUUMkNnGm6RfJmA2hSB055PamB3KwlW5BB96sLnaK4/wFrsEmji0luJEvZJbpo7e6lLShFmcbRkk8Yx17V2CSbiQBgZpgO3YopQtFWB9DttpPl2024O1T7VUW6/0ff/d5rnMi4q56UrxnaNvDdmwCQenAPFQW9wWQEd+amUtIM0COTuvhrpd94NufDGpSNqGnzyPKryqivCzSGTcuO4cn866q3hCxRoM4RFQbiCcAY59+K5j4iaPqWpabpF5pEJuNT0vVba9jh3bN6AlJVz3yjn8q67cFdhHwoJAz6CgCMowHFG35f9qn7utRtIiqXkOyNVJd/Rcc/l1oA5nxF4osrXXIPD93aC8guLC4vtQaUr5Nvax4GZAQSwZjgAY+61cP8MvhLpHiDwjp2pa5HfXVles9zY6NcXkxtbO1ZmaCMxbxk7CpIOcEn6VgjzviA0hQsk3j7U/Ij2D5otFs9xLf7r7Sf+2tfQyxpGqpFGsUSqFSNRwqgYA/AUAZ2j6Bp2gwfZ9L06z0qLGGW1gEX4ZHJrQ8n92eMfn/AFp6nbxUnOCe1AEG0qoA/GljhUZFP3Dt0o60AQTKV+70pIxu5pkdx/pRibGO1SWsjSPITt2KcDHWgRn33hbRtTukvL3SLG8u48BZ57dXcYOQAW9DzxWoy7ifM+YN94sOGz1z65qQdaceBmgRS0/S7LR4GgsLO3sYGcyvHBH5Ss2OretF7byXVlPDDcPZyyxMq3C8NExU/MvrjqCO9WGYtwKhv7aa6sbm3t7prC6mjKR3SoHaLP8AGAeD7DseaBnm/hrwTBafErWLOzmvrnw22m+Vq1ve3MsyNes+4Dc3KyLHliR03gV0Xwn1ubVNF1Cy1KZru60LVrnSpriTBaZImGx2x94lHCn1OTUPhjwPfeBCLhvEmq6/a20bvHpiWsSGWVjuZ2KANJITnG47Qea0PAHhp/Cuh3C3Wx9U1C+m1O+8sgos0zlvLySQQoVF69VoEeRWscPhzxNZ6Z40sZ7HVLrWFuLDxhbu09tfbpt8cUjq3ykqBGYz8oG011nw/wBPtfiReeKNZ162j1LytauNMtLW6G6K0ghICqozhXYsSzDnOCOK27T4WiSysNLv9dvNU0GxuIrmLTpYIlYyxsXjBlHJjVgML61rt4BSHU9SvNH1W60D+1JVmvre3iikSWTGDIokU+W5x8xUnOBwcUAeJ/Dy+v8Axh8VL/wJrF3NqPhvwy17Lbx3DMWvNkyJEJSP9YIwzcGux+MPgHSNJ+HfjHVbO0jsml0+NHtYkUQq6TKyyIg4U/MV/Curm+EWi2sGmS6RPfaPqOnmQxanbyq1xL5pzL5rMCsu8nJ3AZOcDFS6x8N7fxJoupWGr6xqN2dQVYrq+LRRyNErh1VQECIu4BvkUk5waANLxF4003wpqFva3sN95DyRwPd29qzw2u9jHH5j/wAJJ4roNrbju4bv16964vxRp/iLUr/T7aHS4dY0mExzXEl1epA086urIGQKf3asu8gYDMFA4FduuW+YnJbk0gGslNWPHNTMvAppUY5pWAFxuGfwpcbmwaI9ozSsdvIoAVQqsQaVSN2BUa/M2akCspytADmSoxHhskYHrUu49+lMdgx4pgPU5yAc+9Y3irw7L4m0abTY702CzPE7yrB5p+SQOAF3cncoz7VsKMYFPpgcx4l8AaV4o1bw7qt8jNqWg3K3Ntd267WOAQY+v3GJ/SuoO2Q84z32nIrBvtAjbxhp/iL7Y1t9jsZ7O4gYDy54nZWDMxbC7GXP41q2t3HdRq8UkcyHjfE4dSRwcEHB5zQImaMLjFHMjeXjO7j6ZI5/H/2WlkY7QorkPif4mm8I+CdU1C3TztQZBa2UPeS6l/dwge+5gfoDQBxHi3xZqHjrw5r2jQxQLbeINa/4RzSXCHc8S7ftk8mSQQpSUg46rivU9F8NaV4VsVs9EsbbTLNVAWO2hWIso4GSAMn1OOua80+HXhmKHx1BYxMZdJ8D6WmmRuy5D39woe4f6hAufdzXr+zCgHIIGDkY5oGR5B4P65/rTl2rgjqKNoPBpwjAHHSgBzKu3kZqNEw2RwKkHpRtO7npQA0ruanUp46VEysf4sCgCT+KnDNMTI6nIpf5UANdctSyQrNHJG4YI8bIxU44IwefXHP4Uu0HkU5WVlyetAHkWi/C7VU0rwP4d1C3jgsvCd81ymsQXKsbqNVkWMRgfMjN5il/9wGt7WPAN3pfhvU7Dw/Lqepz6nstrn+1tYklMUPPmGEsDhirMFxjB/3a9AjAYcUqxspOKQHlviL4Ty6b4n8L674RsrdLrTnkiuo77UpNktnJHseJchz6MuAOUrT8J+DdV0/4leK9f1OwsDaawbU2zees00Rii8vDAoAS3Xg9vWu/2k9RmjgHgYFBRyV94Nm8TeNDf67aW9zo9raeXp4jvJBMJXb97Ky4HLDaq/P8uD64qL4Y+BdS8Aap4ls0Sxi8L3t697p9tb3DtLaMygPHsKAbSQxxk4ziu4jbAqZJMnFMCbzNzE9icjHpTtm78Kav3jTl6UAG6nK1Jtzg0/aF5NADQSaFTdINxwucH0xxkn8P5UjHJ4pyr3XgjkEDPPuKBnk3wF/4ndn4s1TVLZJNeuNfvLa8FygaRERtkcJz/Aqdh61nfCzXT4U0nx9bG3vb3QdE8RTWemwWNtJcSpCSp8uNFXJVC5PtnFei33gDTJtUudRtJ9Q0a8vQv219Juzbi5KjCl1IIzjjeuGAGK0NF0PT/C+mwafpVutnaQglFDFickksSSSSSSST1JJ71Qzhn+PXhOLIuTrVlkZIutBvEC+xPl1wXxI+IngzxNDfQeGdUZ/FfidbXw/50kc8Qgt3kw7gSphflZ+nUgGvoNpX7OwPXrWT4k0Gx8WaLc6VrNut9p9yNksUvP0Knsy9R6HmgY7S9Pg0mxtrC2iENraxLDFGo4VVAAA4HYVaYbcgV5toOs6p8O9cs/CniWebUNNuj5eh+IH5MmP+Xa4btKB0b+IAetejs3lkg5GDgZ68fy+lLcBrNiomqU/d5qNutGwDV+7TH6VKTkYqPZ1pjINuVqNlqbO3io5GoGRLxxVe4bFTNzUbfeFAym/NQXSsRxVqRsMarzN8tAFM5AOao3d1BZWs9zdTJb20Cs8sshwqoBlix9B1q5MyxxtI7rEigu0jPtCqPvNntgck+leLa9rlr8SFvNT1OdbH4Y6S2+WZ/l/tiVG447wbgQF/5aMBQBly/FLSP+FlW/ii+t9Q0vQrvRja2l5PYyOlyUnch1CBsAgggkDg106/HjwAwwPEsMYx0mt5k/mtL4P07VvFOsW/ivVRdaTZxKRouih2U28RGBNMv8UpA+7/AAgivQZi20KWL4AHzEnt3J6n3oA4nRfih4S8SajHY6X4isLy8lJEcMcvzEgZPGPSuO+KGta14O8YaZrOmSXF9paWTT6nppd3XyFkC+dEv8LIGydvY5NerzWsDSiTyIzIvRvLXP5msHUtEvLjxXY6pFPbmzhtJLWSBkYSMHYOSrfdP3AMehNNJAc74T1qK/vPEN6NVa70xZoGt3nmXy445IUcYOB/Ex710i3cEikpc28g9UmVs/qf51zXh34U6X4dtte03yYL3QtSuPtCaXcIJIohsX90M8bQUJUdlxUdz8G/Ac+Q3g/SQrckxWwjP1+VqdkB0TFmYlRvH+ziqd7MI+JB5Z7hutczJ8EfBW4GPRprUjo1rf3EP5BZOKzL34R6PFn7JqHiOxPYw67cMB+DswosBoePrgN4H8RFDuH9nT8/RM1d0u6WfTbN/wC9Ep/MVyOofC+W806Wzbxl4qNtNG0TwzXMEwZWB4G6LIGC3Q11ENv9jt44lJYIoQM3U4GMn3pAWLq1t7+1mt7iFZ7eZWiljboykdMetc1/wgtjGtoIb+/VrWeO4ieW5EuNisFi+ZWAXDNwMVtyM8bDLc/3aia4Zc56GmBzljoMmj61psUEk13As11cuzWyrEqykvjPrvAA9jXWwxhVBByPXjmqKvlTV2DlBQBMvSihaK0A+hboMI5APSsz7P8A6P1ycdK2JBu4pdoVeetc5iZpt5WWPB2AAfjVyPstOZg2PSnLGAQQ2BQBw3xr1i+0XwOh0+5exlvL+10+W8jGDbwySEO498HG7tmsfxlpFp4D8UeDbvQYBYPe6r/Z93bo523loyFn8zPBK4Dbq9M1bTbbWtMudPvYkurO4QpJDKNysDjgD146isnR/BOlaTqH2+JLia8SLyIZry5kuWt4T1SLeSFz0Ix0oApW/wAUPCF5zD4r0eQtzk3sYznv96q3iTUtF8XeHdS0q38U6fa/bIGga5tbuN2jDcE43dSMgfjXQTeEdFuiTLo2mv8A7JsoiB7cLVC4+G/hG6bM3hbRJWGMbtOh557grnP0oA5j4ZWNtqXiTWvEFoE/smxA8PaL5eNv2aD/AFrjBxhpP/QK9IkZvTHtXmt1Z3HwXupb/SrSS88CzPvv9Nt8vJpr55nhXHMfdl7ZJr0mz1C11KygvLSeO5srhBJDPE+5JFPIIPpQBIrblxty1LHv24IwKcvHbHtTmoAaq0pXrTo+ADUqtuNAGdHaZunlYZHb8qlt4CqyEDAJq9IFHBoHT5fxoAhW3IAy3IpQeo609h3FCsG69aBbEYh5zUgTjJ/CnMMYAppkKrgUAMzng01o6cqlFJPWplkDMM9aBDI4wvJFIzLu6Ush2tkU5QJOT1oGB5AxTPL8yptvpQW2qRQIh20fdNRPIdzYGcDmmK/nbWHHFAF1ZAVBNDOnQVmPdj7RFCf4jUjTF1coudr4oAsuxB4602aQRx7pGAUdagkkkTy2Ver4NJNvk7KF3bW/OkwL0J3KD2/vVOq575rNaSRZtpKpGAoB9au+YVZsnK54pAS7KTy1Vixqr57tJ94Y3dKka58yTbs/EUXAlV1fIU5YdRS7sLnGM1VtY2jeZsFh7dahu79/Id1Rg3CjP1ouB5540uH1j4y+EfC98vm6FJp91qb2rcJdXEZxGr/3wg+baem7NQ30K+Efjl4atdEt4rSw17S7w6hZ2yLHETCVMcwRSQD82zcBznHWus8Q+GrTxMbK5nluLLUNNmM9peWRCzQMRg4JBBDDgqRtwKh0Pw3a2OpXutteXep6tLD9n/tC9KbkhznZEEAVEJzwBRcRQj+OngyFlWfVbiEnr5+m3Kc/Ux4rL8V/GH4aXlrbald69b3MmizHVLe1UyJvnSN1QFSmGPzdOx2mvRt8zXloTJIXb5l+bheOlLdbp4ZVliWQOpQoybwc9frkcEelMDl/g3pL6X8P7O5u5PO1DWDJq19LnIeec+Y2DgZCrtX/AIDXc8bjnr3+teTwRzfBGZpre3uLr4e3chMsMJ3y6JOxGWQd7diwyP4CT616ZN5h+6QF/vKMA+4Hp6e1MZbVgGGKQElSR1HSqCzuuRneqsMfL0qw0my3MjPtIb6ZoAdDdxMzhQQydSelWVm4wCD9Ky49yq3q7ZNTKz/aH2fMMfd9KALckm0jKls9MUpy3VSvs3WmSAtBk9R81NmkdYwyKDu680AO87Mgj9aV5BH1qHMn2yLhRuXPWqizKInaRvmDED86BGhuVVJzjNVjc+W2N3yd6qSkx/OzsGONuOv4VBcWpkkd/M2kJ8rUhm5DMGOC3HaluLoQrz8xz+VZ1pD5aw5GOPmqpdyHyFB+8su4fnSA6COXzFDA5zQ7ngBQTWVYu8l1c+SWCEJyVbbvyc/pWmsZaBFdl2/xMoIHtQhotwhmX5h0o80+ZsQA560Iy7flfcvYURx7pPMYYA6GqGXIzlemD3qPzG8wqgwo70rKy4KtUDq0sMqo+1yOMdTQBMH6lSGx60sV0NvzjBNUmVkMaruyBzmnKrGL/gVAFsMRk7gBSG6VMfMtV2iAWbglmHOKa0ZLR4XjFAFprhfrTfOUj72KrYKrggio8buAMepoGiyZ0DDLc1EZCwYnkVBM5iiARDId3XFKqyOmX/velMolaRWVlyBj1rz34g+ML618XeF/COj3Udhfa2Jp59QaISG2t4hl2jB4LngDOcda77y2klY4yK4X4ieA77Xte8PeI9Bkt4fEGhNL5cd5kW91DIAJIZCoLLwAwbHU0gE1HR/EthIr2fi29udP+yTtN9sjtjNDNsDRSBkiG5flYEEdSa8oPxunf9nd9e/4Tq2Txolt9r8sNbCYv5gBhEQT7oXBr1vb4t1C1uzdaTY6aPLdFtI73z5J5HG0FpVjAjUYznDMeleeR/CzxLH+zzceBWsNOOsNamyWWO6KwkeYHMhYoMcDG0qetMD1PQdVd7WO2fUFvruGFWly8YkyVByVUcdePbFa63A8sFm5Iya8Q8NWcUHxX8PSWkGkPerY3NrqcOlvumtJhsZmnccMm4BRu6Zx2r2LabdomIYxbcZ29fQ0hFprpV75pslwMdcCqrW78u3GeV4qF5NseMMadyizJIjchqhuJljAO4e1UpJWK4Cso/vVWuF/doqnc46HFMLlxboMpLHJrnfFvi6x8KafDc3ZeR7iYWlrawDdNcTN9xEGR6HJJ24q8qllUu2Apy1eZ/GbSLg3HhLxAkctxZaLqpuLtYU3MsDKAZMdcIcE47Gkwub154ss9auv+EY8R6JNpzatC3k2t1NHJFdopBeON45D8yjBK8cVV1HwDLrfiq2uNVa2PhvSlU6Vo9qG2GYKMyy8AEryEXtgnnrXLeNNQtPH/jDwHbeHryDU5tK1J9UvJrNvMhgiCBdrN/DvOQF9BXrcwkVsZyo4pDEjmEmQTn3zmqlxN5LgAZFNUyLICBgfzqG83nDEY+bpTuMeX4JxiqsjbqrzMzBhuxzUQVlyN1NMB0k4ZipqtN8uT2pkysQTknBpHbdGdwz6UwGeaGX5eveqsjIM5xmnK4iU54NUpJvMYsO9IBZCGUgYx7Vyv2q50/xtcWM8zSWmoW63Nir9FaMBZYx+St+NdFIx7dK5fx1azS6PFqNqG+36TL9uh2dSiqfNX8ULfiFqgN94hjGc44zVWaCM9smks9Qh1K1iu7eQNBOiyIy9CCMimyMd5xyKAF+zrt6YpyLsHHSkLEDPeljbdg0APzminL0orQD6NZe9NkUHr1qSVsGo26VzmJXY7WwKmSQ4AFNCg/WpI1O7ntQBIqnvQvFO3bmJpW60ADVHt3Yp+3NKvBoAZJH1VlDKylSGXgg9Qa43xhqlj8I/h1fX2mabCkNqT9msouEaaWTjPcbpHycdhXb1j+MPCtn428M3+iagJBbXiAF4jh0KsGV191IBxQJmVHoniq1m08t4mW8laZVv4WtIlhUHO7ySF3DBIA3dcZ715XH8ZtSk+Dr6oPEG7xWLvywrWce0L9qEIXmPaW2bmyT3r1qw0fxUskY1HxHbXrQoxQ2unGJp5Np2mXL84IyQoXJ53c1y4+D96vwtj8HLrkTRR3Pni6jtGO9RN5+0J5nXfgY3fdIoEegafqllqCzR2epW+ovasIp5InDlH/2wOAT7VeRW3fT1Oa4bwLpd6niLxBqslq9pp17BapHFdWgtXSRBKHjRB8xiUMCGPeQ9RzXdNnnIIbvk5Oe/NA7kg/eHmpFbb8tQxdqkagZIw3LiojHtwaVW+UUvagBy/dpu3dUZPOKmh2hfegQwhWIFQthWAFWmG7gdKiaId+tAhG6UKrH6U5owq7hTFbdj2oGTru4x0p2Tkg0gZduT1qMPljjpQIrXViXkYqxUuMH3o+w+WyFSy7RirAOXp7ttH1pAZ4sQZNzFmI71Zhs1hjJDMDu3VLGoPWntw3XAoAI4Rg5Oe9V5rPMm/e6j07Va8xV460qyK/HpQBXazSTIYsFPVaj+zhvlUsAKsNIuSKjT73FICNLVd+Wb6VaWJehOaim7Y61LDnvSAfHEF6Z96ZPDHcIyMMoevNPZc0Lwy0AU/sYjUgLw3HXNNh03y4zGceWeQpq5JjdzT4/amBXW1EeAg2+4qbyx0JyfWpNtKvamA2OER4IzXD/FTxXqGgWug6fpTRxar4g1WLS4Li4RWS2BBZ5dp4ZlX7objJrunbBrlviF4JHjjTbBYLr+z9W029j1DTb1k3LFOnQOuRuRhkEDNMCnH4KvrXVNHNl4g1eSyEzLf299dbvtCNE65UgZjYNsbapA4ryXR/iII/gf4iubzxDq7+I4mv5LecJKXjeKSRYRvVAm3aBksa9s05fFdxNFNqX9k2X2fLCGwkkk+1Pg4DMyfu4wTnaASO1cno/wy13TfhHrXg2fVNPe4vxdILpPO8tVuHdpCVbqV3nGOoxQBteAvEdhe6ToelvrEd7r0umwXUttPcCS5JeNXZufduPbFdnHAu0f4AfyrzTQdAvbfxR4LhhInm0GCWy1Bf7OlgtjmDabgSsoyzERDbuP3m+lenemM47bupHqaAFaNVGKRVzlQM5pfWo1agB3lg4BUZqLyliYnGCfSpg3NMmbcKQhjLG7fNjf2prIjSc9aFh6nvTdjbgaQyfyVXPpSRRoWOBmnYZuKmhjK9aAEMeFwBimxrtYGp8bm96esLM2KY9h8YEgGetSheOKYsJjY5qWM54pjGlW7VGYAW3fxd6nZW7UbT3pgIU44ph+UGphHkUyVMLSArpNnIqRSG4PWkSPNSbOaAGSLwQKreXtOe9X9ny5qv5e5iaBoi570bd3FSbcUhWgojZdq0xV3ZNTbeKZ0zTsBXfjNU5GC896uydDWXqUcvls8TbWUg/WkBIr4Y4CqzdW7miRvlB6UwMWjBPXGTULXWAdv3qBkvnrjnrWfeThunanI0kzjdUF9G0Pzp0/ioEQpcqw5p3mJt571SVWWNWAyC1CxKrSOy84oAmdhH06VExPHYjoR/Wobic7V3ADI4qvIZEjIfq33cUxk6pHCjIirGhO5lXo1RyMoAqNbgfdAx71HPIdv98H9KQxWVW5qvMq9D+FQC6FvGAEaTrz+NNa93sRQMbJEncZNV2RMnAwKdLcfNtzioriQtGQDk1QEcke5cCq/k4U1PGWVSWqjc3kcbEM2KAI5IVDEmqc8K7i3rVk3Kt74qjJfKeOOtAEbQDacdaqNCV64YYYFcZ4Iwcj6VceTzBx0FU526j2poDnNS1u08PSxaXa2E17KsBnNrYxBvKizgMwPAzg8D5jjNQt4v0l54o4riWQT7CJPJfy13gFEkborEEEK3Yis7UNQh8O/Ei7vNRuUsrPU9PgSC6lbbGHiZ9ybv73zK23vXO6g8UOgeOYYyI3uLhLyzi27MrKsPk49fnXb/wGmI7OXxNpK3Utk+rWcd1FJ5TRSTKhEn93Peta0dZFDK6uP7ykEfnXjWqG4h8D+FX2rNqlr4jRMTN5ZdzM4cFsHCk7T909a9G8CFjpN95kCW1x/aN2JIo33qrea2cHAz+QpgdSvSim7sE/WirGfSLdaaVB60480bc1zmIzp0py9qQ8NUgXIoAcp2596Oi0nQCmqe1AB3NP25oHGaBu7UAJ0IqRulIP9r8KXmgBpUkcUg+Uc9aeelMz82KBWHq2+pVjXad34VBjDAVLuxQFiOOPa2asSANwaSPmlznigYyOP5jinbcsRT9ny00R5yaAGbSvAqTJLAGmF+alXoKBD9q9KZImKRm+anNgj3oEJs+WoNpycVKuTwaeF60AVhxnNSU5oyfpTfLC4x0oAi2/NmpXXbg1IW4qM5bpSARc9upp8dudvPWiORuRUir60tgIGhI6fjU0aYUYqRU603oxouAjRd6aI85qXbSMNvNAES8HbjNTeX36U2Nv3gNSNJnNIBAu7ndimHhjzmnBqPvUwGeWsjc1YjjHUUkcZHSpeRTAhk54pnRsVOeuaaxzTAZtzSFaXdhaTzMD3oAFWnNxTVcnrSNIFbnvQBJv7U9VzUe0bgRUvTNIAdsDbUe3d+FN25pVwPrSuAjL81K0Zz7U4MUbJ6mnM27igCLZhuOlP2YwakiReM1JJHnG0Z9aAIH60qs3mYIURbevfdSypjoMUxchsdqYFmNgAMDcfWpVY9xioV+6MU/nAxTGTfe/Cl25w1QFzvUHrUy/doBE1L6VCrY6jA7Gncnqc0xkrtioW+9SN3pAeMUgJI+1OP3jTI15FTvH3oAikk28VWZ2J4qw65FQ9KYxu47eaieTBpuo2q3lq8BmmgMikCS3fZIvB6N25xXydpHxK8QL8MNE1fT/ABpqOr+PrnUDbroc1wt0tyomKlXh2lkAQZ8wFaRR9V3Wq2dlJbRXN5BazXMnlQJLIqNIwGSqbupx6VJ7/j/+v3rzr4nXVtFN4FuLoRxSjxHAAGKnZuilVgD/AMCFeiKx5znd3zjrT6AJJ92qVxF50ezdt/rVqQ5Bqu6selICLyVUYLc9MVXmtV2kZx7VZ2nvVa63Kwx0NAFFYfKbh/wpJ185celTeS7c9qjktzJ+78ySESfL5kLBXTn7ysQRnn0oAptHtQBunaql5eWtl5YubyC0MzbIvOmVN7f3V3dW+lfOt58R/Emi+E/F+sHxvPLrGi63PZWWm3kVsyXSrIoVNgjEm9gWG5TXoPxGh0bxB4RtotasLOPxHrFgtpaR3rAGyJG55AX5QRFgS3chF707AekSW58wMOq8daikgLj56bo+yPS7NIrj7VEsKKswbcHAUDOe+auMfl4osMy2hbPy1FJCw+7+NajLkGqc0e7iiwyhNDujHrVNrV1YkVqNHtbFRsmOaYzHkt5Gk3N3pWhKgkVduPvVBINwxQBTKkqQelZ13amTdjdj2rWZQvG3NVZupwtMDGkt2Vs7eo+9VCa3feDjKfxVuTt+FVJlDLz3oAymAVcAYFQsD1FX2jEfAqFx5i4P4UAZtwomXa6rIvdZF4/CqtzptpcXFtPPaW09xbDMMs0Ss8f+6T92tRo9q4NVpI9/4UxGDqngjRdYvTd3NiGunZWEiO6EOMFW4bG4EL/3zWhpumwaa1x9nEqpcTyTuJHLncxLHOTnqTVxowV460kYK8GmgHhQQCOmPTFFP3AdaKsZ9Ifw0Z7VWmuDHcCMDJK7qikuJEXe3AFc5iXgvNP6AVVjuPMwR0qyNuPmoAFXNCp8xNIWpy0AORSRz0pMbOR3p38NLGuaAGrS7adtpw4oAZzSfxU8tTo89+lADQu4UrHOBTtu5uO1DMF57gUAPjAHB604qCOKoxXLSK5wDj061JbXRlhUnI69frQBajU85qOTiSnxN7Zp3XtigRGy5ApG3L06U5t3QU6NTtoEV+QTnrUhDMMCnCL94DUooAjhjIHHWnrkHnrTqF60AMk7UySItypwe9T8Um9eR3oAhVQepyaVmCYxSOjdR0qOXPOaQEZLBsirMbFutVVk2kCrkZ2qBS3ESbaXmmb88Uq9aLDHiiT7opV6Uu3NFgIfm3cU8Z70vRqf2FFgImbtShlB+b8KOaKYiQNxQai/ipNxViRTGS7sUhakjbcBT2WgCNmqMrvNS7aVV9PxoArMzBqmjBbrT5FWkXhhikA8LtNOzml3UqsC2DS3AbTWOTipZMDp0qHntQAE7cCnbd9N53c07cAOOlIQeZtOKf8AadgFRgBskdaZuZWxTQyyGDnnrSsnze1VhuLdM1YjOVweKoCUZFLUBVl6VJGzf3c0ASquaftpkbDvwadnABHegaHdAKcv+sFJ93inbht96Bj29aZnJpu496Q/NQBMtOaTaoFRxrtWkY5oAVm3DNRtkHJ6Uskm0kUwybhTArX1w1vE0sUD3TqCVhjZAzkDoNxCjr3NfPHhP4K+INL8BadJBp66H498O3VxcafOZ0eO8id2Y2zsjn5WVghDHAIz0r6Im+WoPMJbIpFIytFafW9Jt5ta0JdNvVAL2k7RXCI3dkdd2R6HjjFa+3HHT6f/AKzRu9aX+E09xkUneo8g8GnNuwcdKh8wrwaLAPMag5qKRVNKz5AqNm5osAyRVqu+xdrFGfYchUOCSMEgHI+bA7mp5G+WqckhGcdKLAfNGn/BvW9W/wCEk1AaLN4d8VR65PrWg6ndLG/mBwNsUjKzZV8EbTjHWvV9M0S08eaVDeeLvBVrbauqCOW31K2iuCueSY3Bb5M8jpXcM579agkOWNUBUis4ra3jhgjSGCMbEjjUBVUcAAAkYpzfLxUjUx/u0gK8jVWbvVuTG3nrVV1B5FAyF2wKgbmp5OFqt97PtQFyOXvVaToanY5Bqqx7UxkMlVWY7uelWJV6/Niq0i+vIoGUJplViKpTXA3DFS6lGRICBkbaoTKSozxQAjTKevWk8xQufWq7tiQLtzUb9OmKQE0kirkVWZ03HHWhlYvxVUqysxoAsNIBwetNVt3I6VAGO05p1t90VogJ6KTdiiqA+iW+a/XcuQF4qO+lVImJGCRhf96r+1S3K5pHi3HgYxXOYmZa29xHHGOPU/jzWmqHv1py9KXbmgBG4FOj70m3n5unanrxQA5VyKXbR70q/NQA9eFFNbtTt+38aRqAGSUi9BjrTlORin+Xhc0AMVm6UrK27rnjpSfxVMQrKAetArmZbxhVkbb+8J4qeOCRwoRtgHWraRBRntTo5EPA6UAOVNlMZz2GTUnYY6VHQIF3kcjFSLnvSR9albpQAygZAyelO3UhXdzQAuQV46U35u1PXjFKysTxQA3aSuTTDwacylTzRnNADVXGT60jLtqVW4psjDt1pAQLAvmfN+FPSPaMVSjkYSv83f7tWZJ/Ljy3fpQIds+YmpgwxzUKTArk9aje8RRIPmyo7Uxlxe2KeG61TjvNrIm37wzmppZC0LkenWgCSlWo4WPlrk5OKWWYRjJ6mgB60L0qFbjKsD94daasyuu9DgKfmNIRYamY3cVDFcFUkJ+cl+KfHMWkKuPLPr60ASKu3Ap+7C1G3cN0NNRVjUBelMCdWDde1P3blyOlVPu3CjGRtJqM3DGEOqbRuxQBbY54pyIueapNfZkHy8D+KpJLpo90iruCjNJgW5W28CovMBIB/CoFuvOyrIVbZvAqDzPPhiKr8oakM0GY52mjftFVo7pWZlJw3pT5TnAByaNxD1cqx9KFkWRiM4xUbI20/wB7tVSBR9qfK5P/ANagC95gXODgetNVll/1Z3Y71HcLlWUDAK1Wgm8m3HykkcDPShAaAbBAq0rrt5xkVj/bHiYI6AllLfL9Kt285mjiyCCVHB+lMZbWYSNwM1ZViF54rP8AmRuKka6Zfl25I5oAttyaVao+dI2H457U6S6dQM/J9O9MDQx1NNV6i+0HYM8CkEwbao6mgosdyajE3zEd6gluWX5R1pMSByVxnvQBeGcc0jKpBJ61VW4faCetOkuGaPd/doAbJcKqsf7tMV881TwZFlJX7xBqQyncqAY43E0ATyNu+XOfauP1b4hW2h+OdN8KyaRqEt/qED3NtNG0QgaNMCQkmTcNuR8u0E9uMV05mz+8DDb3NePfE6HULn46fDUWN8un3UtlqEYuDbif5RtP3CQD+dAzupPiLbQ/EZfBp0nUm1I2xvftA8ryGhB27yfMyPmB+UrzXW+YFyT19hivDbWHUNO/aa07+1tVXVHuPC0oEyWIt8KJ8hdoJB5969lkmby/NwR3596B3J2k3dKhkX5qit7hPLGThzStKysQeadwJD8gz61FJ06ZFJJIWjyaaXChSe9MZE2G4G0EVUm3Ak5z7Cp2fazYbAqtNOGbluR0oA5HVviNp+k+MbHwvPY6idTvozNA0cC+S0Y4L+ZvGADkHjqDVWP4g6bP41m8Lpb6kuqwwi4kMlqBCsR6Sb9/IOcVxXxNj1GX44eBZNNuba2updLvojJeQNNGFDKeVV0/nVLQxqVj+0nfLqdza3s9x4bifzLS2a3QKspH3GdyT83HzH8OgAPakbGQQQfQnOPbrTJpAi5OMe54FVBNI2Dtyu7aKSSRnmjD4EedhDfdAz940Ac7qnxA0mx1S4sIzeaje2yrJcx6baS3P2dWGVLlFIU45xknBBxVW++Jvhux0Cx1j7eZ9Nv50tree3heRTI527HIAMZycEMByK4b9n/7Vbr43hviW1WLxHc/aVb73JUqT7YIx7YrzHxlPJo998TxaRSzadbeJtLvIoYwx3ziRWlSMf3iSv8A31TA+qWkDMwHriq7swzXi+meMfEuv/Di88S6RfXN/e3VwDHo1pHAJLSFXPmQxhky06gY+YnpxxgVRj+JWoa/4c02bS/FE1z9ov7m3ZVskGqblXdHD5TR7Ayk/vDhcqFO7mgD26SbbxxmuZ1jxxoejnU/t2pw2p01I2uvM3L5YfDKAduDng/jXj2ofF7xDL4O8Maze3L6RZ31kwn1W3s1liS83hQJ8gmJGweUwMk8962fGHia/wBS0/4kaLcz2lxYQeHVu7ZrePaFWSKQtuOTv5TrQgTPT117T5r5bOO8gku3g+1LApwWiJwH6etTSSbge5ryP/hL9b0mRre2bT32+GP7Tg+027MxdD8wdt2NnXGO9aXgTx1rur61a6frKacY9S0iPVLZ7GORPLJO0q4ZzuOSO1MdzvZOpFV2jG45p24zXMjB8pnKj27fpTbhvmFIZWkiXd0zUFwqr/DUzvtFVLiYNGSOq0DInCsM9Ki8tTSvMTtB60sjfKKTArtbqSTQsax08tS81fQAHtRRRVgfSK/eNFO3YWm43c1zmIq/TNOH3umKWNNw+lK3egAPzD6UKx79KFXNK2B060AO3FuB0py/J9TTFY7QD1py0ACod3PSnspwQOgpG60oPy4oAjjYtwalJ28U1FC5x1pVBZiTQIRdu7PepT82Kj/1Zz61KrDHHWgQ4x4QUz2pxY4OetRL81AEy8KKQ/eNKq7VApfl79aAD+KnDNMZgOlOUFlBNAAaTdSs23imMc4oAkDUbuaYFzUn8NAAxyBQvSm+cFwCcn0qQ/d4GKAEDANg9Kr/AGRMll3bm6c8VOvLYqRl4oAyLezljaZpAAWYbSG56U5rXy2YKSxY87mrRZflqDyyJCT0oAgEL+W67Qqnpg1AIWa3KKVZ2Bz+daWQeBTfKG4krmgClHG7TRZGNq4NWYrNY1YJ/Eeam2r6YNL8wX5fxoASOIKyk9VpZrZOHCgsvvQvapAcjFAij9md/NJbDOeV6intbN5IRSBg84/u1OF2nNOzmkMiitRGMEg4bcKdHbEzMz9zxU8Y3fhThyaEhDZISVIDY479KQQlQAcE4/h6VNuA60jBWANUBB5P7wMegpk1vuVV7Bt1WeBSMueaQFCS2kMgKsDF1KetJJavPHKokVQwwD/dq+Fo280gKcNvLHIHMgAVPL4XmkW1aPC+YfxFXth7UqRkHJxz60rAVLe1Cs7kgse9WVh5PrUrQhTxSBvLyfWmBC0TU6O1+cvu5PalMjA4HQ1YSMhcmgCpdQllZTxlaowwboVTJBXvWlIvmOR6UKlAFSGxBkLMdzBdqmpY7MqAFOKsx4HXpT1AYkLQBW8krkE5NSpH5eTnG6nlSpwaOMDNAyNLXr8x/wC+ad9lwQd351Yj20u7byKYDDbqw+bnHSo1jzIB37VZVtwzRty1AEYtR2OPenJDtyN+akzt4o/ioHcYLX5Nu4/hUB08j5i3FXN21ajaZvwoGVmtcqQGbBpjW4K4Bwe59asK6ljmndVGKAM97X5dqnA9KwL7wD4f1TWbXV7zS4bnVLQ5gvGkYPF/uncMV002Mlu4rzPxl4w1G8+JGh+BNHvW0uW5tJNS1HUIkVp0twdojhDqVDFhktg4B7UAdLJ4B0C48QJrr6XCdbThdRZn80L/AHQS2AP51szWplG0s2Ad3P8A+uuUTw7r+n69p72PiTUrrSgZo721vpIZXUsh2SpIV3DDADafl5rK+APiHUPEHw1tZ9V1GfVNQW6u4WurkgySBZ3VScDH3VA44wBQB38NntUYO7nP0pWts5O/PNTSvtVvXNRrMFUMduTTsMpz2pyVDdRTxGF2AnJxU0kiqu4/hVdbhZHIPajYY1rdWYtVWSIbivY1akm6+lc38QPGln8PvBWseJbyIzQ6bbtN5KnG9uAoz2JYgE+lG4zJ1j4d6DrHiC11e7s5ZNUs/wDj3u0vJ0aP/ZChwoU9wB8xqH/hWuif8JUniRVuhrixmL7V9snA2HrGV3kbf9jFY+kaf4117woNVl8VSadrt5bmaOxisrc2UDEblTBj3nqF3lx09Kpab4i8R2/xa0/R9Tus2tz4cF5LY7ECRXAkVHZW2ZOSCevemK53kViycfw9sZx9OaJrTawLHIHQVekYdumeMjFQyyDqTjH04GRzg8HrQBx2vfD3StZ1WbVFe90rU5YhDNd6XcvbvPGOiyEfKSOxILAYArI1L4S+Hr7w+NEkguo9P84XB+y3TI8027eHdurndlufWsLQ9c8ZeIPGXjfR4/E1nbrod4ttbefpUbrIrx78SfOpwDgZU9qpWfxgk1PR9astb1ax8GeJ9F1FLG7mkjEsDtuypjUkFhIoYY/hz3600M1pvgvoUl5qN1Be6tZzahcpdz+RfBVaZMFZQu1gG4HI5Pfiql98FdFuLiO8N3qq6mt3JePqMVz5U8ruuGVyqquCAowAAMY96k0/x3Np/jrxfZa9qdpFpOmJZyW0piESRLMhG0kEk/MBU0PjS5vfiedJju7W40ObRU1G3aOMAqxcqSXLZIwtMW5gQfAfTNP097DTtW1q1s5IZLWS3kuUlWSCRsmIh1bHLHawx3q3cfCDTZpNVki1G+t01LTl0uSGMRFVgVSFCEoSeCR1/irdvvG1hqOk65Joeqadd39layT7dwlVSFLAsobdgkY49Kp+D/Hdvr3h3Qp7+9sbfVtQsVu2tDOin7gZyqFs7B059KAMCf4VCRkkOuXgaPTG0jHkQlTA3BJ+QfPnPzdqdofwvXRNU0q/Gsz3J02w/s1IZreMB4QSwyyjlsjg+ldUvirQ7zT5r6DWdPltIMebOl3H5cWegc7uPYUjeI9OWzjuH1K2jtZeI7h5UVJD/dVicH8KBkskZi6Zz0OetVLhRnjrXO+OPFWqeG9L13UYLaxuobSCKS2j+0NvPZy4HPc4x2xWvb6he3eoS7rW3jsXijkheOXfIXPLKV7d/wAMUDQsyvgYGfWqkkef4a0pJMxqenHA9Paqs0gHBPJoKM9kYHgYo5C81akXaowc1AzbqAKkpPmAL0p0eR19alMfNChV4PWgBduaKD14oqwPpE9KFpP4uKG61gYkm6kbH40HtTVbAoAfHnvStu7U1eaftoEIueM1Kveo9vNO27aAQu7binNJk1Fu3NipVX5RQDFXu1CnLUhUque1ClCox1oESMu5vpRzSK3FRs1AE6nIxSH5TSL8yj2p24beaAELFsEfjTvl20wH8qVl6f3aAGswHTpUsbVG8YOMdaWMbeDQA9mOfak3BjxSuN2BSqu0YoAOlFGe1G3igBY/utUqfdqNchaXmgBadUP8Rp275aAH7sZqL+dGcihelADWO3k0qvls0MN3FNVPL59aAJs5py9KZHwakoEG3NHSmMx79KQSDgCgCTjvRty3FDdqNxDc9KAHrSsu7FN3DtSqx79KaAVqSRQfrSOw7UL92hgHzA07mmr0oZsYpAO25ajo1HNO/nQAbqNy7vm/ClKkrzSJD3P4UAKG5qXaJI8Ht0pg680rBmGB0oAg27TzU6uNvPSodpVsHpSsygCgB7KrR717UgUrwajLelKg3AHtQA7I6GpIwsak7jk/wim7Ru46U9BtyaAHHOPu0gG7hhj0ozlqXmgYKrLxUi571GrYp+7vQBJtHbpS1Fvy2aXuKAHtS0u3vTJO1ABI3Sq0jjdINpZuOvQcVYz2pVGO2aCigsbMjBs5b+70qzGu38qsN06YqJ1zTAq3TBvl7mvLfH3hHVrH4haD4+0Ox/tme0tn03UNJV0SS4t2YsGjZyFLKxztzzXrGwDnvWB4l8ceHvCs9vBrerQabNcf6mOcODL/ALpC4NIDJ0rxHqetTIy6BfabZxgm4bV0VJn+UgLEis3zZ/iOFrk/gdour+H/AAbLpmr6Tc6XcLfXU4+1AEvG8rSLtYEg/eGcHrmvQ9H8WaH4oup7bTNUt72e3VHmgjJDorEgMQQD1Fam0NgkZJ5z60IChNN5eQfvZ5+tRNubaWzsx2rRkjXP3aGjXbg8CqAw445jk5ITd1PSmHazSkEN6EVsSxhVAAyPSoHj3KRsAoGZDSHylJ6//XrmPiV4QX4jeAdb8Oed5EmoQNFFIc4SQYKEk8Dkc+1do0KgcrR5K4+7yaAPJvBnjTV9J8OW+j6x4S1qPxDaRC3MdvamSzuZFGBItz9xUOAeSOuKr6gNUX43aFqd7pN5HAvh9rW4uobZpLdJjKJNm/p+Ir0LxB4q0LwnJFFq2rWemzSjfHHPMqu6j+Laeqiqk3jzwvFYw3cniLSvs00620cwuldGmYZWMf7RBH50AaUjMynyznsaoTLt3F+BjJYfQ9R3/CtVsBjjr9QahmUdSAG9R1oGeA6DrS+G/ip8Qr270nXWtL65ie0eDSp5DMViCMFOw7cEHkkda43xV4S1m+8I/EDxFfaTcQap4kvrW6t9LtoWnlhhikXZ5m3dg7QxP1r6P1jxPoukyPBqGs6fZS43GK7ukjbH97BbNZreMNAitUuRr+nCCSUQRzJeIQzkcKCDksaYM+dfGH9on4tX3iKx0/Ub/TbSOzll042MwW8Cq0cnlDYN0sWQQMdzWr4xM3izxdfxaCLkz6l4SlsreZ7eWILcF2YRFiu1HwSMH1r6Ck8x5vvnd93ardfc1n2+oWtxdXVnFd289xCoMsEUqs8Y68r1FMSPBbi9TxJceFrvToZ7C40nRL2DVo5Ldojbo0SqkDHb82ZN3y+27vXNfDHUo9K0O507xL51yuoaRttb6OMq6wpFte05GEdNrbB/HknvX1BcXkDXUlsLqKS6jj81ofNDuiE4BI6ioppjHC7TyhVjG52kY7QO7Emgo+ZLXXhp+m3Ed+9lren21/YmDxJDbyRxqpD7WuY04MkQABU/L8655rHstRtW8OiGDUrM6pp11qZFpq1tstb+F5QzR5PCSsMFSnQmvqriQK0TK6MNwZTkEHnOarTWkTEl1Rj7rQB85azfWEieOZ7dItPlu/DFrM1r5i7lkCMCh9XGVXPqVqt46bSZpfF7ie223GjaddrJHMMbxKfm+994KR+dfRV1ZxOEV4oyo4AKrVC4022kkw1pbPGq4YGFT+u2gZ5z8NFtNM8QeLNMsSqafHcW0scQk3JGZIULY56lsk+5Nd5M/wAqnJPfJp0ej2dm5ktrS3ty3BMMaKfxwM05bdefy4oGVnkIUYqF5TnmrUlv1wcVA1vwec0DIWlPbpT1bzOD2pnk4FOij280APopaKsD6RduBikzmqkk/wC8IqaObdxWBiT5zxThHjmolapfMyuKBMUtxQv96oXbBp6PQIm/hzSrJkYqNm3cUL8tAEnc0SN81Ju3c0NnNAxWbcu30pI2PfpSHpSLu2t6UCJic9KY33aRW2/jUMlyIXRGbAZsCgCzC+3in+WS5J6VX84LnBzzjPpT0mWTG1t3vQBYBznFPoVgFGetNkbHI6UAFG3NMWYHg9acZMdOlADwtGdvFMWTdS4KyA9qQh24dutGSW5pu4djxRyelAEgzS80xenNH8VMY8LnNM6EinDNG4L16mgBo6UqrmkLKDz+FJubjHSgQ9uKGXOKUZ5zSZ280AK3ApEbmlVt2DSt1oAVqaq7m+lFOWgB4qNvvVLTNu7igB23NG3bTR8uQOtG49+lAASS3H41J/FxTFz26U4570wButNajsKj3cikBNSr94U3d8tAagCwSSyjtTc7WIWofMxT45R360ASM2BkUgmY8Chfn6UhXaKQCNnNMbPfpQZucUx8Y9+1AxflbvjFPjOVGORVZc5OetSLu3cUwLaY3e9Scd+tVVLLklselCSOW5ORQIsN7dKU8c1Gy7lzTOV69DSGSq25ql8uqo+UjFWA5OMUASxp1oGQ/tShjjmmBmz7UwJ92OnSmMu7mmM3SnbqBoAtH8VOVl2nNNWTGcU0MRu9J/DSmQyDB6CmfSmAjNivIf2hLi7t5vhxcWESTXsfieAQQzSGNHby5M5YIxHH8W04r1yRe9cj48+H8Xj6TR2uNVvtPGlXaX1stksRxOudjsXViep+XgUICXwnNrWoX2pXniLSrTTdTSUW9u9nMbhWtysbBfNKqW+cv2GOnauk47DA9KYm7au5/MbHMnA3Hu3HAz1445pzfdpgI2c1G9O/hqPdikAyo5VzTpZFGc1XaTd0pgMdKiVQJEyA3zD5W6Hpwam7CoJG28jIPA+UZbg5BA+tAHifwKvG8Qa94/1+/DSaw2vTWTytzKkMYAijU9hhmP40fHHwvpejeAdYvrK3WCS91nT7yVUXI84TRIXVexIXJ9SSa6/UPhq1v4ovfEXhnW5PDuo6hsF/atapc2d24/jMbkbXAA5U81U8S/C1/E3hS80y41+5e8vZorm4v3t1cuYyGRRHkBFBX7gH5nkg0dkuOMcjAOfXjrTJE3U63heO3jSSQTTKgV5ACN7AYLYJ4yece9RybgzUFHjHx0V7bx18MLiDSv7XuFvb2NbVGiV5lMAOzdJxx154rA+IdnFcfDx9ZuPDkehajJ4jsmntliG7KT+WpGPlyYwPu8ccV6X448B3nirXvD+qwaxDp8mhzPcQQyWXniRmUK28+Yny7enoeeelSfEfwfL458NHSVv104i4huBM0Hn/AOrbeBjcvUr15/pQBwviD4navomn+PnW0sJpvC5hZG3ShZo2RHy3dX+br0rm77xR/wAI/wDGvXotOsbRta13TtPa0spGEUTtiQyl2Tsqc5+81dd40+Dd94ivPEbWniYaXb+IbWO3v7Y2SzF5I1wGjbeNoYYyuOoNYuvfAa916/mvrrxLAb37LaRWt3HYFJLd7diY5kxJ94h2BHQjg80xFfxBq0HhH4tajrWowxIyeEvtV4bUbPOdJ2XjPIycAFuQABR4i8YTappM+jeIdJs4017R7q6smgYyRq8cRZopN/AcZDbh6Vs6l8MdT8Ra4L/XtVsr63m0dtHu7e2s3haWMsXaQZZgr7iDgYAxiqn/AAq7VpoLJNS1q1vX0uwuLGxnWB1JWVdhlmCucttCgbe55oGY3gX4i3B+H4v7KwhvdJ0nSlaW6WchpJ0j3SIihei4IJ9zV7/hZV/daKmoQ6VY3UM8wSG+hvybLyvL3+bLJt+UKcqR/eqn4Z+EfiDwXDONI12wt4rqzWK5h+zSbTcoABcIuRhygUMCSDyTyaxpvhPqdneT3tpc6Xp1ydVj1B9PghkbT5NsexjsyMuxJk6cEGgC9a/GldVt9Ia00uN7vULV7lraa7COQJNjJGShEjrtZiOODWR4r1Sw1K31ho9KbT7vTvEtiZi0obz2d4y0gx8o3IR8o9Kzrn4S63J4cOgXt7pOpQwhmtbjyZYZrWYy7xNEQGySMjkrztrY1TwHrl6uvbLjTnN/fWl3E0kz8eT5YIbCHk+Wp696ALA+IFrodzqcNt4d1CS5m1k2MqR3EbeZO0YYSfM2BuGPlHTrXT+F/EkXibRY9QjgmtizvHJbXBBeJ1cqykgkHBU89+tcRfeD/EE+rT3iLpflza3BqwU3Mg+WONY9g/d9T1Hsa3vBmkX2g6dc2t8LYNLeTXK/Z5DIoV3Z8NkAgjdjp2oY0dUzgk5OTVeRuTioFl98jtzmkZ8yCkiiXdxTarNIcnHSmwsWlBNMC5tzRRRVge/RjzN271pl1J5EkZTjJxRRWBiSpcGSQg9qtM+5QaKKBMeuSop4Y0UUCDdTt2RiiigB6nbxSyfMPpRRQBA0m0jipxJuFFFACxqPmJ5qldMfOX0oooAlyNpGOoqnDMLRHzuYZ4HpRRQBoQ3LMobt71YWYstFFADCwDk4zT/M+XpRRQARuGzkUeccY7UUUmId5n7tSBzT1kPTpRRSQDDMVGKQXB3YooqhkhmJZRS7utFFAEW4M2COlSrJuOaKKBD85akY4oooAUNTuaKKAI3k2t05pftPHAxRRQAgmLU8NxRRQA/zNqjjrQ3WiigBVfacVIW3ZNFFADVoUbjRRQAp+QGl6UUUDGPTQ3NFFACtJxSiT5cUUUmIYc0UUUkMa33iadG3WiiqAXzNx209RtY0UUATLIvlj5fm9aZuLHB7UUUmANJjpT/Nxz3oopIB63BZDmpUfgCiiqAlVetRN8rEUUUDQ3zCMio1kLHBoopoZIOPpTxjFFFMBrY54qKQ7VoooAg35pDJRRQA3f8AMajZ9vNFFAEbOHzkVXMvNFFJgMZ85qsxFFFOIDZG+WoVbrRRVjRE7ck1BJIaKKTKKzybqgdutFFJAU5j3NVmkNFFUBEzbqiZRiiigCpNgZ9KoTW6TDOMZoooAoSadEGzjNQzWqDOBiiigCq9mrA5qsbVdpoopMaIVtsLwcVEY+vNFFJFEXkik8va1FFMCaiiirA//9k=)

В бензилпенициллинах проводят реакции алкилирования, аминирования, гидроксилирования, карбоксилирования и галогенирования для присоединения функциональной группы к метиленовой группе. Соединения, полученные галогенированием, являются химически неустойчивыми соединениями.

![Diagram, schematic

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4SAERXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjEzOjQ5AAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAM4MAAAkpIAAgAAAAM4MAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NToxMQAyMDIzOjAyOjI2IDIzOjU1OjExAAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAADlcAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAUQEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A9GmmlV1RE3OcnGeg/wA4FRCefzFEkYQNkDnnPX1Pv+VZGg+e4eGMsE3Hsu4DP4mpFkz8wZSo6kGgCRZQxwhVjjPBpTLjAYhcnAyaAHluOOfpVafUYLR9k8mw7d3QnjIHb3NAEY1e18xozJhkALAqeM4x/Onrq1mSuJwSxwoCtknr6UCLvmEjI6HoaqHUirhRbXDhj8rLHlT26+n1oAtRT+Ym8DHUEdwR1FP3sR05NACbjnpRuYEZAoAcX/2aTeT0GKAGPJ5aM20kKMkDrTLe5S4iWRQdrfpg4pAVrnUUt2YFWwrKrEDgFjgfzFEV+s9l9pjGU2bwCeemaYFSTxFaxRRk5MkiF1jHXAyTn0PB4NPbxDZh0XcfmjMgJHYED/P0pjFOv2izCGRiJCoYKOcg4x/PFNGt2s1ysEbFmbpgcH8fwpgPuLh1KqiBnbPBPQDqf5fnVE3FwuDNEFUtt+menc/SgCG6ulgKb+AxwTkAKMdT7dB+IqCadAhkBBQHGRzz0oGU2uo2ieUMNiZ3ECoUuFmZgjZK9fzI/oaBnYSO8d+o2ZSVcbh1BH9P8TSXLs88Vui9fnZv7oB7f59KkkSa0SR08yWRmZWjz8vQjJ7f7NKthGsLQrLLsJJI3d85oActnsmeRJHDMSSeO+M9v9kVHJpkU8/mySSMSQWUn5TgEDjHTk9PWgCxbWotkKK7Fdxb5jnk9f15/GqclhfSXzSST2klseRG1tkg9jnPJ/KgCT+z2JYsLIlupNtnP/j1PjsJN4LfZiAc8QnI+hLHHQUCLUqSG3dEPOMAA4/DPaktZfMgVtuwYxj0oAitjNM0kyuUjY8Lt6kcE889MDHtUI0qdSmy4HyLgEr8z8g5Y+vHXHf8KALM9rcSoFMqHByQyZBGCPb1/Skgs5YEYGYtkDjHBwO/ue9AEMWmzxNG63JIUAYZc5wMc+v+frS41D7R5QuLfbt3ZMJ9f9+gBIDNcTzJcSI4jfaAi7VYbQeRk55JHXFLcrLbRbrUqhZ0XYfu8sAT7Hn/AOsaAKk8yxkLLbCSRTGGMhG45bgjjnB5/wAKmsGje23RRiMNglfQ4HH5YoAk8u4z/rI/+/f/ANel8q5I5ki/79f/AF6Bg0NwQcyRc9vK/wDr1Ru7XU5Gg+y3sUCofnBgDBh6Yz/WmAXJlguY5gQUbCSZHT3z26/yqtfStOUghcESEhmVhwMc/wD66YFa4tIAUV3cF8x/NKxJBHI5PsKjNnEkewBgucgBiMc57e9AyBrSJcgIMelRiFU+6oH0FAHXTqk42SxK65zh1yKSCOKDPlQpHnrtXGakRBfwXFwoMEzRMBgcn/Off61LZfaYy6TncCxZWznqxOPwGBQBb3kDoaQN0OCKAHbye1LuO3GOtABuJ4xilDHPcCgBd/fBqJFjGSqumSThWI5PXgUCJ0wFCqMBRwKeH4GRQACTOcA0hkIPI5NAEdxciCIOQOSBy2AM+pqjE012VuzJJCHQFECgEA84OQef/r0AP+zJHLJLFLJE0pBcqBz+YP8AkCobzfFEjvdTOPNQ7Cq84YE9FzwAT+FAErajbA8zD/63r9ORzRb3UE5ZodpBIJYDrkAj9CKAJRKM45zSiUelMYvm8cimNKKYFUXUcu8I2ShIb2qrPeRRHDtg4zjBNAGRfXNndeVvnI8uUYwP4wRwePXHFPe9iCQuW+WbAQgHnjP8qBlOTVLYM6mTlRnODz1/wqudSiMqxqdxJ2nHY5A/rQB3Dl6Y9wkGPOkRAc43HHQZP6ZqRDP7QtGYAXUBJGQBIOnrThewNJ5Ymj8w9Fzye/HrQBYVm74pSWoATcwQk4AHJpgu027g67QQM+5xj88j86AJjJ84TjJBIFCyElgMZXqKBC+YScbailZhJCfWT/2VqALCswUkil3tjpnJoAcrMOvP1oLPu+6KADLFOgz700k9SKAK1xIwe225AaQgj1+Rv8KlZFlCh1PyncpBIwcEf1NAFF9Ptmk3eTzsCZ3H7o5x9KW1t4rOLZBHsXjjOegA/kBQBL5hznbTg5PamMVmOelRs/tQgM77DDG0jBS3mMXdWAIJJ69PwqC5S1Q/P8hKhcKcDGTt/UnFMCi9tYDYPL++/mjluWJzu+uRUNylpGIYJsBRzGGJ+XGB/UfnQBSD6fsx5aA5IIdcnrimx3dsZxFGoGSRkDGDQM7xlJ71BPZxXSgTIGGMck9KkREdJtTLvMZJ27OWPA6VMNPtxKsoj+cY53HtQBaAOeT0o2k8k0ANeMujJkgMCDiqEmiW0qbGaQLlThSB0xjt7UAOOiwMc75FGGHDDoevaiXRo5m3NPODlj8rAdfwoENk0WKWIxvJIM9dhA7k8ZB9cfgK0JA2+35z+8/9lagCfBx1pDnpnigYKSKcGbBzQAhZ847etIScUAVp3bzrbPQSn/0BqT+0YNjnzBhASSQR0JB/9BP5UAO89cffXr1zUbTrjJdfrmgBDMgHLLkdeelOEuR8hB7HBoAduYjoKaxb0pgRSDcpUgEHtWfc2EMzqzJgoRt28Ywc/wA6YFX+zo0ff6EFfbgf4VDPZxTYEwMmCSMseDQMga0gU/6pM+65phjROigfQUAdkWzQDUiFzTg1AC5ozxQAbqTPHNADWmReGdQfc1IrAgEEEY7UALkGqd1NcLf2MccQaFnYySZ+5hTj880AXt1GaADIpSeaAEzmkzjigDN1S6ktprDZD5gkuQjYbG3IPP8AOkl0e0lVlKsAzb2w2MncW/mxoAa2kQMx3ElM5APXPQ/pUZ0a1WJYxv2rnAyOP0piI10iBJSwLY69ec8c+nb07n1qxZ2cFirrACA7bjk96ALYagnNAyJw3rUDA460DK0inGM1WZcd6YFeQc1A2M0AdTgk9af/AA9akQc+tOyfWgBc8UtABnFMkk8uF367VJxQBDFDE8asx3MeWYEjJpI5vLmliQO6g7htHTOcj8x+tAEPmXCXDyrE2XbYVKsQFBIB645HPFTXF3OhXyYWPDE5UnJGMLx0zk8+1AEkN1IUcyo3yk4IQjcMZzg9PT8Krf2jdfP/AKIcqn3emXyRgH04zmgC+soZQwzhhkZp280ARz3KxKCSWJPAXqaih1COdgq5GTgZ7nrigCdnx1A4PFJuNAAX71Ez80ARu1N30AO3804NTAYzVC7UDIHPHvVVyaYFeSq7UAdTjn71Lj0apEOx700ls8dKAHgkrg9aUH5uT0oAd3pp64oAqR28kAKQyRrGTkKYyce3UVNbQi3jIByzHcx9TSArx6gokcFXO98r7c7fw5U1eBINMA3NnIpQc0CFPSmbjnpQMrNIE1DDq3zrhG7D1/z9KbeTFE2BWLsfk29Qex/PFICO4imuRCZvK2xyB8ByMnBA5+pFLAt7Du3lZM9Aznjlvb0I/KmA3yb3ORL2f+I4zn5T07DtTp/tbouwRowcEjdncPToMUAVLeK/iMPnTiRQMSA+uO34j9T7Vc3c9KAHAn0oDMaYC7jjmoGZsnI+lAyFyarOeeaYFd+R1qBsCgZ1GRnOaXjBGetSSHGPvUnPbpQAufmGT0FOyMZzQA7PH3qT8aAE285zSe2aQCYT+6vucUrMfWmA4ScdelCuSc0AKW96bvxQAyRRLtLdVOQR2qMxKJFdiWK/dyelAEd+8q22YV3MGB27S3Q5/p/TvVrcSoPtQAm9qa7EUARMxxxTNx9OaAHBjjmkDsSfTtTAU5J69ajfpTArvk96gcD1oGQMKgfrQM6cAEUEA1JIxjtPAzTlc9MdaAHBe9LtGKADaDQDzgigBaKAGEAmm43cd6AAKcc08CgCC8WVkURE43fPg4OMHp+OKzfL1CFAfmcAggE7j0HBPJ5bv2B9qAJd2q4YFEOC2D6jHy96SM6mq4eJTgcEkEnnjv6fTmgCzaG4bcJ+GGM4GAD3A9ulWsf7RoAYc5600k4xQBGc0zJpgLuI655p2/sBQA4DuajYUxkDrUDZoArvUD0DOoHUUHvSJEpwpAPo7UAHak/ioAU0UAMXqfrSjrQA496QUAJ60g60ALSUAFIelADTTTTAYelRd6AHU8U0A4dKjk6UhlZqgbvTArydKrvQM//ZAP/hMehodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0b3JUb29sPldpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQ8L3htcDpDcmVhdG9yVG9vbD48eG1wOkNyZWF0ZURhdGU+MjAyMy0wMi0yNlQyMzo1NToxMS44MDQ8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAMCAgMCAgMDAwMEAwMEBQgFBQQEBQoHBwYIDAoMDAsKCwsNDhIQDQ4RDgsLEBYQERMUFRUVDA8XGBYUGBIUFRT/2wBDAQMEBAUEBQkFBQkUDQsNFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBT/wAARCAECAzIDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD7Wubry5ACc57AVE0okxgc1UlmaRlbcODzUXmSckHjP1rjO0us/txTX4UHI/OvPbjxV4j1TVdah0NtHs9M0lvJmvtX80rLOFzKqbcDanQsfQ1hSfErV9yq/jnwDGWyNuXJXH1mGahgetSH5cg9+f8AOajWYLkjtzXmNnrni/WdHvr/AEbxV4Y10WsbEw2Nk5WSRQSY93nHGen4122h6xb+INFsNWsyWtL2BJ4x1I3DJUn1Ugg+4pAbsd3568DGKnWQMOh4rKhmLAEcL7UPdO7CMHacZyKBM1Gl9aNy9geayLq/j07Tri7uZtkMIZ5GwTtVRknABJ4HYVjeDfiRovjaa+i0u6M0lm7B12tnYGKq+cYAbt39QOtAHW+ZubHpSG4TzNvOaowyNukfdge9IszzM2ew4xQO5sJIdoxTlfnBNZ8bSLGP8atQvuiVmoESswhIJPXipPMGRVC4mxIF75yKf9o+Yjd93FAi+hznFK3y9aoPeGA5345AHvTJrmcrLIH46AGgC80wjzkU6M7hlapybmVByQ2O9WIAV+UUATMxAqIseSQcdqlPOfaqjXRjkkBIIHYdaAJ1uAoyTn2qUSB1BBrOeYSSbAMbh1pYZD5aknjOOBk0AaEkgjAoWTcM1W3FyA+B2ODnBz0z39c+4pk0uETG4BjgbRzmgC6jDmlWQMcMdtZK3Lr5q+cGZenIGR67c5xn5fqetTfaMTnPK7epFAGipDKcHJpsk2wZI4HJqr9qLLGoO3ce1H7xWk53DsCKALkMwmU7e9WY32jBOMVnw74JgM4DDpUiyESIRh9x5yelAi87LjOeKTzRVK6kaPDdBmj7QxkI3Dbj0oAszTbsAGm/w5LVWRjJjbgnvUc1x5cZdnWNFG5mchQq+pJ4FAF6GZW3BCWKmpHc8FhXCL8VvB1r5+PGOhKQ5yrajEDw2MDJ5NPk+MHgmRSR4y0QcfL/AKfETn8GoA7rCsvFM2kcjk1yuhfEXQPEl8bHSdesNRuhC0pt7WcPJtXAY7R2ByPpzW95jtGGSQbs9+lA7F6J23dwam3Mx71nLI/zZYFgM0PcSCEHPzHigRdkbcox+NCsdvIIFVLSYraruPc0kl5LGm5myueBQPoWEuDJIyY+71pZJPL/ACzxVCOSSSWdxwTg8UguHllOB8gH45oJsX42WRckkH3prfKapLNLsTc2GY4qSS4k8shTuYUDJpJliCluCTj5aenHzHGG9RVKOR23iQEYI20lxdyRsqZyCoOPxoA0o0G7IINSqoHUH8azop3iXLAeZtLAfyq0ZZTHExKjcMkUASzQkrlAM0ixt5ZAXLY71G10fLyBgikkvxGOASeKALKKqx7T6c1FkYOSBVOO7YPICykHp680+OdLltn8XT5aALazLtyevSoJGEhPBxVPzJI1IAyM9asRTcDJ4oAeYTGoPanx/NkZXp3NV7i5k2kbuDwKheSVdu1ATtJyaAL20YOaiZR0Aqv9sdVcbMnOBzntxnH49+xpUuGZfmjKtjcVIwVzjGe/r2oAuwlipXjFRTQ7W61FHc/ICCAT1BqZSZFzmgCJs+gxTWkAXHT61BcXTwyY25FQTNc3CSPBH5wXoR/T1oAtPLwMUsb5OQcjvisoyTqSAjMCOhBB55zj8enWnwTSwxqNjbHP3sEgf/WPSjcDV84Zpkh3c8YrLa9YORs5qb7QyxlgjPgZ2JyT7AY607AWGbkAAVYjYLiuIsvir4au9C1HWPtlwum6dP8AZrq4kspkKS52lNu0knPYV01rqkV7Zx3ECuYpE3qsqmN8euCM8kHtTGabNliacj4rNbUwqAqhkGCcR5ZjjrgAEk+wGaz/AAr4y0/xhotrqumuzWVyXCPOhiPyMVYlSMg5B+Uj8aYHSeYaa7d6rw3AkjeR1aONSTuwW+UewHJz6ZrG0HxXp/jDRotU0qZp7SV3jQspjbcjFWGGGc7hTA6RXVV604Mu3Oa5+61j+zbK4uJo5Xjt4mmcRRF32qCflUcnpx6mqFj8Q9Gvtbg0ZLiRb+4tBfxJJC6B4CQA2SOvPK9u9MZ1jSelNZeM5qit5tyJBswMkMCCOcYI657097rYuWwMZyCQOfTnH50xkkmFxUMjAVDNeKxGDu9cD9R3qidQZsEKHySBtyOfQepHegC5yWJ4qJiRk8AVVa9DSsqnIGRg8Hr/AIVFLeNs6c0WAsySALnvUUjdztA7ZPWo9xKgk7e/TJrz3V/GHiHXPEl9pvhq40vTrPS1Ed1eahbvOHnK73jXa6gbFK5J759KLDud3M43Y7/WqjSBSSTgfj/hXjVx8VNRjY+Z8TvBcfJDKtkxK9sH991zVnRfE3iDxVPLb6R8Q/Dd/LFhnW10ssF9yRKSBQFz1iRlxnP4g5FRSHGK5Twr4suPEGnypqEK2us2czWl9BGMBZkPLAZPysMMvqGHoa3ftBxjFAh0zKzYHrVSVtrYP4UrMFYt94+mcf0NYereLdH0/UoNPuNTto7ybPlq7gKSCBtY87WO5Sqnk8iiwGszAg1VmBHOKdG2+Pdnj+8Oh+lQXUjKoIOfWixSK8kiltvfFRyR7SMGoriQH5+h9qgkmfaCcc8CiwyS4wo681SkYAjGaRpizEE81DMx4wSaLASGYLwajkuMdMVEzDkZz6Acmqk0oRiu5S2M7c0WGWZJhtJ70zzCFzmqzMGJwwIzxz15/wAMU5slRTQxTL70U3b7UVVhn0q1iMcAt7etcl4+1ebQdJWDTB5utajL9k0+IDJMh/5a4/uouXP+7713S8YA5PvXA+HZP+Eq8U3vidgrWVr5mm6R3+UNiecem9l2g91TPG6sTE0PDvhG08O6FbaTHGDBDEI33AHzWIJdm9SSTn1zVj+wdMtW/dafbICMYWFRj8hWvtyp+b60igdCOKlgUl0+NV/dIsWW3fu1CjPrgCuM8KWp8N+KNY8NMNlpKzarpiDgLG7YniH+5J+kgr0FsKvAyB74rjfiRay6fY2fiW1Rpr7w/P8AaWjj4eS1ZdlxGB3O3kDuVFIDporNVUKM460SWoVQRyR74/XFRya9pUNqk8mp2UNvIqyJLLcogZSMjGT9P1qrpvjDw/rmqR6dY63p+oXbAt9ntLlZGKjqTtPFAiPUra0uLGWyv51hiug0ZDTiBnVhglDnPfgrznuKyPBPgHQ/AP2w6dIUmu8sTPPz5ZZioEecEjpuxuOeSaw/hPb23jzS9b8Q63bQalqFzql1bYuE3rbwxttSFBjC8cnABNZeq+HLbwz8SPAdnpOmLqZtrXVJFhDwrIOQ3+sbj92WOM+gxigR6sv2aUGNLiJ5OuxZkZvyBycdDwKnjtFVerc9a8y+HlxBH8Rvibq1/psOjPa/ZBKWZJPJUQF5G3oMYYDcceldda/FTwfqFxFbW3iSxmuZXEccaMcuxOABx1JoA6C4mttOtjNeXMNnbqdpmmlVEB9CWI5/OrNvJb3EIaGeOWMAktHIHAGMnOOmMivNtDWPxd8YPGkmsW0VzD4fjtbXTba5TfFCjrueUJhhknjcRx7Vm+NtDstJ8ceE/DkCrZ6J4i1aa81OzAxDLJFboyRlQOVfaWZSOew7UAeo2c1nqcZltruC8jDbTJbTJKqkerKSPbHWrLWCrl95Oe2a828VeX4b+K3gJ9JgjtJtTluba+ihQIk1usO5S4GA2w9G5wcdK9KFwnzMZI8A4OHBGewB6ZoAj+zqxyfmOcjPY06OFJGZA+8K+1hkZB2g7T6H5gee1Q6pq1rounXd/dOotrWNp5GDcFAOxx6/L9TXkHwv8TXVj8SNRsdSa6afxPajVAt3byw+ReR58yBFkUbwsbIBtz93OTQB7Fa3lkZ40S9tppsECGOdC5I64Xdn1rQDLGNzuqkMFO47fmyB39WOAK+cdU8LXPinXvibpei6Hbm7m1+BINbaSOJdPZI4X3DOHzwxwo5NdF8btau7zTF0G1mvhe6fbLqmbS1klaS5jb/RY32A7MlXk+YgYVc4oA9qkxIFIY568cZ7EfnVdbceY7ngtWb4Z8U23irw3pmtWzK0F9brOo5G1iBvXHYhhgj2NaNq5unmLMBtIA/GgCQQBVPeub+IniJfCPhO7uEnS3vJWFnauc8Sucb/AKIA7n/cPpz08jCMcHketY99oMmpeJNJ1A3t0P7PWTybKNVaIs6lS5BUNuCnAIP6kkgHnHwt8YSWfwz1y2iuY9bvPCLT28c0ztGLq3VDLBITtJG6PcuSOSvapbX4meKdSms7ZfD+jrLeaMus25bUHZIkG0OsnyfMSWGAMe+a277wTpXifxb4lu7bxVNDqOo6emn6hZ2c0Em23IO0Mu0kE5JDH1I4qxH8M47O6s7iHxDfmW10g6LF8kWBAcckbOW4HPt0oA5WP4iLqd9Z6vF4fthc3HhCTW47iW6YSBQ6s0PC4Ve+epq3onxO1e6Y/b/D9tuufD412xjtr0/vFG0GORmXCHLA89B1zVy1+Dtpa26QQ69qCww6RJoCYihytqx3FfuYLA9DU+pfBGy1i1jt59dvzAmjroibIo1IhVw6kkLktvVWznnGMY4oEYlr8aWi03XLu5tbV00m6s4GvoRKbYR3AJ85kx5m1QDyMg+oro7X4jX0GoeEH1K20qPR9eM0bapbXEkkSugdoinHKyKvBJ4IIxTbP4Svp+o3eoW3izWft11JDM8syQtEzRxtHhowgBBVtuOnAxg81ma98PbP/hG7D4ew6PfT6VNcJqM2svsS3gxcNLKF24w7DhQFAAkA96AL2nfE7W/EEcsenaRp51G304ao63Fw8aPDIzfZ1TK8O8ab+eF3AEVmR/GfUtVhmvtB8O291ZxaCmvCa7vSjiPcQ6MoTAbKMoGevJIFdXrngyLUvEx1jS9SutEu7qyOm3X2NU2zQDkDBB2MM8MOlULj4T2Gb+Oy1i50+zutHTQEtVjiZbe1QH7pKkhjuY7ufvGgZ3Wn3ia7o9hfopSK8t47hFJzgOgYDPtmpFi8osFOSf8APFQaHbppGjWVj9pa4+ywJbiRgASiLtXOAB09AKv7onyRz6bTQBWVWjfGGIx1Jri/GQfxXq9l4Nt2kMMqi81ll+UrZjhIs9mlbK4/uq/1rqvEviCx8L+Hb7V79v8ARbOPeyryZGwNsajuWJAHuax/A2k3ek6Tc3+qBTr+rT/a9Qwc+XIR8sA/2Yl+TvyGPegRX1zw3qvmRf8ACPRaDZx8+at7YM56cBdjoMD3zn1qlb+FvG3lu39peFImY8f8SOVgP/I1d6u7zdpHyAcH0qb90UXp744oA4Hxl4Wub7w/b6lYIkvibSCt7bNAhQTSomJIgueFkUuuM9xXV6HrFp4i8P6fqdk3mWN7Ck8T+oZc8+hzlSOxBq3IcMpj4ckcg85rkPCsg8J+NNT8MMAthqHmaxpWOFBJP2uFfTa5DgekjenANHY+Tuxj5c8UyaHMgkDEgDbtFWd44/8AQQeTXH/FDxo3gjwubyyiju9TvLqHTrKNz8nnTPsV2H91eSRntQT1Oph2JGFzkdQScf8A6/wpC0bN82TzgLkY46nNcm3h3XdPn09rfxdfXcgu4xqEV0kIimjziTy12fJgfMvPQYOTzXBaJ8THXwP40k1TxkIfEFle31tp/wBoe3SVVgLGLamzDElcHjntigo9sjtUVXYMck85/pULI8MpUKx3D73aue8B6/JdeFfDkmpanHPqWoWUVxm4aNJJndAzKqLjOM9AM4B611sjGTqCTnAX+Qz6+2KBFNYRIygkgr0LdKmmjO0rtaMHueP6VzfxE8YP4K8IzajbRQ3d/NLHaWUMzKEeaRtqlskcA5OO4U1Wk0vxFpzWFwniWbUpI7mI6jazWsCwyw7v3ohwgZMDJGWJwMdeaAOuSFGjGdzKp+8MZzUVxbDzDJv3FV2gjofTArz/AME65rfxO8NnxNYa7Joq3ks39mafDCkkPlI5RDNlWZyzIxJQrgEd66L4c+ME8feDdP1xYPJnlDRXMK5IjmSQxuBnsSpIP4e9AG5CrKWZ2z7t2p80bM0ZLsNo+6R/UZp8sblZYy7WztlFkUKShzgNhuDjPofoa8u+HHxE1TW9cvfC/iCYWurNPdDS9UjiVVv4YpGiYbT8vmoyhivQqw44NAHqHPKM2B1DAGhlZsjG3cM9zx+XFeSSeOPEFmfhrLd65ALfxD5320vawxou2LeAjEcEkhec8ntW94e8cXmu/FjWdG/tW2vNFs9PivYltUhYNJIxTBdT0GAQOuSOaAO2a327j0LU6GMp93g+tE7nzSn90fMdw/lTorpY1U/e3HAwM4/WgCWHMEeD83P8VCW55IPHWmtcrtIPNSRzArwcGgCGSMgnP4UCMsysSCVGBT5tz5CozOCMKCOa5XxD8QtI8N3UdjK02oaxIoZNL0+MyzkZ5JA+6PdsUgOZ+Lug6rNeaLrFnokfi7S9PExvdAcIS6sU2zRq52u0eMAY53Edxi98HZ9G1Dwe83h68nbT2vbhvst0rLJZSMQWtnVidpXdxg4wRit7XvD11q2rafqVjq9xo+oWMMtuDHAkqOrlWYSKw/2R0Oc55rEh0m4+GtjJdWmn3HiZry9lu9Xmt2VbqRio/eJAFCtgAZAwQF7mmkB1zW8gIw3K/wAR6VcikMcYDNn128VQ0HxJpXinThf6RexXlp0O3IaNu6OpGUYHqHCn2rRYhVdyu/aMleAcdz6Y980AZ2uXUthpF/exxid7W1luFQ9GKIWAP1xXlHw+8J6f488B2eu68p1LVtatxcS3zysk0IbdgRtuyir2xnlTkHpXo2jeNtJ8Sahd2OnSNfpbxYmuIkJtSScGPzOjN7DIA7mud0n4d6n4Ugm03w/4gNloLO0kNjPYieS0VjlkhlJGF5JAYMRmjQDgtQsh4L+MGkQeRqOqbPDKMTbQsxa4SQRNM0RbAYquDnOCRR8L9Qs7LxF8Q7+b7Ra2dnqkaxRzJK8kUbxBtqxDcT8x6DJ9K7xvh3JB44sfEMWrMwtdP/ssWjQs7NDuDbjJu+9nuapaf4TuvBereJdaN9e6kutSxSzQadYnz4HACBky/RRz3ORT0A7DRNUstb02G/splubScExzqDtbnBHIBznOQeRg1oj5Zkxgfga5T4YaPdaL4ThtrtJImjuJ2iMkaxyPC0jtG0gX5d5VueOSa6mVhJJ5RG4kdPUU7isfM3hPVbnwlr+ua1rVp/aXgqx8R38MzQDc2nXTSqUuZEB+eNhxu/h64r0j4u+LLpWs4tD8QzBp9LvLyKGxuVjjkC4KXBm5BVTwEwdxI7V2lr4H8OWdvfW1votjFb33F1GsQ2zc5+dccnPeq3/Cr/B8cNtEPDOmJFbsWhRbcBYiQAdo7DAAwOPbPNFyjzTw7rHiHx54q8MQr4qvdPtL3w3Dq08NmsLRm4EqI68qSF+bkHntnmsTwU2v+D/B/hrWdN1m8vbabxHPplx4fkjT7LNC11MN0Z27gy7Q2c9x1r23R/h/4Z8P6hBfaZoNhYXVuhSKa3h2Mi8/KCO2efqAas2Hgfw/p+rS6pa6LZ219K7SPNDHtJdvvNjoCfUCgDy7w34812bwv4L8Wpqtze3WqawNO1PR5NvkgSSMrCJAuY2iwrehGc5rL+C/iS6u/Eg8NXOo3Oh29vdahLaQxsuzVmF3J5qtkFR5Y25TOSGzXs8PgPw9HrEurR6LZxajK7SPOkWNzMMM20fLkjjOKo/8Kz8IxpCp8PWPyXDXKbYyAkp6uvo3TkcnHNMDyyz8WeKbeHW9N1TV9SsNaGh3N9aT70nsb7y/mFzbSBcIdpUNGQMbuMEZqW6165l1zwXrt7f+Tc3Hgi6u5bx4A5SQNE7SFBgNz82BgcfWvVbX4c+FrGO4W30K1VbiNo5F+YhlPUYJ4B7gYpF+HXhSzW0K6HaYsoWt7cMhYRxtncnOflO45B45pgeMaF438XXNzrumWmrkXE2iWN7YHULyNZHlaQowWQD915q4ADE7Sy81ej8W6yvhd9ettS8QxN4Z1RU1rQtSdWmW1wvmJnkSBC3mKwIyoxg16ZB8J/BcCbI/C+mCNojD8sOCUJBK59NwDexAxiodb8F3FroZ0jwwdN0bTrx5ItS8yJnlaJl2kxsT97bwC27FMo4Cy8U6x4i8TeHLKfW9Rs9H8TfbL61ljlAby1YLFEhbsU+bbnqw44IPN6b4m8V654k8MaTd+I7+ztprzU9MlubURj7X5DfuphlD8xXgkDBxXvd54U0bU9FtdLv9Mt72ytdnlRPFkIyjAKAfdP0rmtdtvAOh3mlWesQaPp1zhlsRdAIefvKjkDn1HemBQ+D2s33iTwBp19qV0bq9JkgnlkG13aOVlUngc7QK7iRc4OKqaPoOmeH7PytLsoLG0YmULaqFjbJzkAH9elXQ25dwGBnuRTWoGB438RN4X8MXV/EA97Jtt7GJuTLO/CAAdgck+ymqPg3wqPCnh+zs2bddBfMuJs/NJKxLMxI7/MazLhx4s+Jdwkg2ad4XRFWNyBuuJU3l/oqHAPqzV3HG0pwDtGfx5BHrkUCMeXRbWRi32W3Y5JyYlz9OlJ/Z8cPzeUisOjKi5H6VqSJsGRVaSbDD1osM8/8AGNn/AMIn4qtfEsUipYag0en6on8MfOy2nPsrZjJ9HB7V1BX3KjJzn8sfhz+VLq1rZa1p8+k6gqPbX0LwyQN1ZSNrbR3IBBz7jvXm/hv4kXNjpR06/wBC1zWbvTZZLGTUtPtVlhuhGzKsgbcMZGCffNFgPRY4djZLbwegxmvD/iD4esvEnxKTxBYw6rqMmhgLey2EcJMUkartWPcR5o4YMCCcscEcY9K0f4gSX2sQW7+F9f0+Lfk3F5bRiNQP72HJx9M1xHw51uy8ENr2g61eppmr2uo3Mvlzvsa7Rm3rJFnHmZDDgdxQB0Gi+PodZ1mfSrTTrxp1tI7sSOYwsiODsAAbgkqQfQ1P4P8AFMPjbQ4tVgt5rWGYuqpKyMflYqeh9Qa4p5LLVvjFceVqtxo8DaPbnbaukJ2q0h2kFSAVDBtvXvzS/CfUL2z+GdpDpliNWvre6mhe3e6W3YDzZDuywOcgigpHpVxDHHE7SNsjVSzMegAGSa4S38V6lrFlb6nZ6TCdEmkTa0k7LcCAsB55TZjGOducgEGtm01TW9X+2W2q6Ta6XZzWzR+el8LgqWBHKhB6+tcz4Lvr/QfDNj4Zv9Gvo9Vs1FlJuiYW0kYG0TCXAUgpjpySMUDII/HF02kxeIxa2x8OSzJGV3MLmONnCLN6MCSCVABAYHPBrtt0e0E8+oHXmvN49B1I+CB4Jn066E0bCD+0ODBJbrMriVWz94rtGOOc/h0F9aeLmuGNnrumwW2/KRjT5GfZgcE+ZjqPSgBvjnxJJ4ZXSHjj3RTXSJdtjiOEsEZ+nZnT8M/Wub8SeJdU03xsbK31B2h32YTS2iQrKkjusrAhdwK7QRz69a1/Fnhl/FUmox31sZLYad5NrIly0Y8xiWY7R05KdQfu9DTfDuj6zDrD3+qrYySmxhtHeCQyEzRM2X5TIBD/AKUAN0TXprzxfrWnTFTDGkc1pt5BRT5UnHUEOueexFdRkGuWsfBrabqWl30bWUF9brMl28MOTdJJjGXyMEEA49a6XpT6jH8UVFuNFWO59OtMFYHGcHOK8hnfVPBses+HdKYrLp0y61pcaj/j7szIWmtffDBx7Bk9OfW3Ud64f4jWVxBZ2XiKwhMuo6ETOY0+9Lbt/r4v+BKOPcD6HnMjp9K1a113S7XUbKQSWt1Es0Tf3lYZH5DOfpirXUDPQelcV8P0fS7nUNMhjkl0CXGqaVdAfIsc7Fng9irfMPZyK7ZZCv3eT25qWAL8pG4qFAyxbpgDJP0rzK58bap4k0l0sptp8S3jWGijHzRWqjbPeE+hG5hn1j9a2/iHcTalbWXhiydop9bLx3E8eR5FkvzTSbuxIKx/V89qqfDmyi1i+uvFSw+XaNF/Z2jQ7dqQ2MbYLgdvNcAgdcKvpSA1NM+FfhDRY4RaeG9MzGqos0lsjuwC4ySwJJJz+ddHFpkFqp+zW8NsMYIhjCDHtgcfhU8fDZJ+tSs3y/KaAOPk+H9ousXeoafqWqaE19J5l5Dps6RxyvjO7aynDEDquKe3w709de0vV4J762n0yFoLWFZgYlRuZMhlJJc8kk5z0xUPifd/wn3gRVJUNNfEjcRuUWrdRnnkiuyXHJPJoEc5o/gu00PXtW1iC7vp7rVWRrqG5kV4iyDCFV28EDgYPSugVVHRFz16U7dTUzuOKBHN6x4Fs9W12HWre6vdG1mOLyDf6XN5Ukkf9xwQVcfUUmqeA9H1TQ5LC4iuJT5wulvmmb7UtwBgTCTruA49Mdq6pY85NMdeeKAOR0PwdZ6Priam9xe6nqiQfZo72/kDyRRcHy0wAFGQCSBk9yarj4UeDJWmml8Mac0skhdnaLLEk8knOTn3Ndnty3TmnNEGXaRgUDscnq3gnTrnQLHRLdZ9P02CeOVYdPYRD5WDANxyNwDYPcenFP8AFHge18VXun6hcXN9bXWlXBubOS0lCFZGGGY8HdlcjB4weldVxGoA6U+Ns8djQI5fwr4FtPCmo6neW15f3MupuZ7tbuRZFkkwBuI2jsMY6e1P0jw7Hoct/LDe300uo3AuJzPIG2OF2gr8oxgY4Ofuj3z1O3bk0CEYJHXrQByfgjwRZeCNBk03TprqW1aVpQtzJu2EklsYA4JJP1NdBp8PkiVn6sc1ZVHMmc8VZ4oAx9Whv5tOu0sZ47S/eEi3nmhaWNZPUqCCcdcZr5f+KXw9+MuqW7m81GfxFphYg2uiyiFce8ChC30wxPvX1syK6sCMg9j0/KkbG0g8HGB7f59KAPmT9mPR9e03w7q1hp09noGqQXAOoWup6RIZyefLO7zUyoGVAxwVPrXscun+MFaIt4g0YlDn/kESDP1/0iu1njDKCewwM84HYc+namIqsecnHvQBxENn4zjiATW9EAdySx0mQkZ9P9Jq5DbeNWhITXdDZR/E2kSg/wDpTXWSbQFC8YojbbnsKAOPW38Z/wCkMdZ0HcD/ANAmXnnP/PzUU0PjFpImOseHwgBy39kzZ/P7T0rt1kXBz/8ArpY9nl4Ue/NAjhreHxnN5LjVvD+3LFVGlTA/+lFbWk2eorZy/wBrXNnd3TXBPm2Ns8Me3A4IZmOchu/pXSRjc2SSfTnp9KesS7vU+/4/40wMn5VuGjxwVz3xVy3UJDEVXnkmp2hAbkD696VgNuBwKQHnXxVYWum6Nq8gabTNJ1SO+vrdELBoANvmle/lMwlx3CV0Fl4khufE2o6LJCbWaBIruCTzRIt5bv8A8tFIH8DjafwPeuikt4biGeKaNXgmDLJGwyGUjBGPTBxXj7W954dV7WCJ59c8EyefaRj7+oaPLwYvdgF2gf3ol/vcgHrwuC8kibsccHHWnptMac4ZevFVrC/tdQsra6tJlurS5jWaGZVwGRhlSPqD07YNXg42k+tAFDWL630jTbnUL2YWtlZxtNPKx4jVRlufbj65ArzzxbcXfjxvBFtZLdeHdfuJl1oyKyvLptqEdGLZXGXDKgBGCScg7TWr4+1O01nXI9Eu5Eh8PaLGur+IJs/LtTLwWzDuSVEjL3VF/vVofDvSrmS3u/EepwtHrWvFLl4W5a1tgv7m29tqnc3qzN06UAVB4J18zSeX8QfEUir0LRWmM/8Afmk8QfD2bxl4IudHu9currUY7iO7stVvY1DRTROXTeEUAru64XpXdNGG+XaCvpinLFgc/wAhQBw/2vxZcLaf2lp+l6fOjK89za3Rm+0kDcQqGMeUrEAEsWwDXL+HvBOvaT4B8YaTcWdjLqGs3V3LARdFo1+0g5V2MeVKKSSOh6cV7A8CPHtZVYHrvG7+dENuN2DhsAANgZ/OgDwzUrXQtJ0Tw14V8Ry6fYa3BbWEUt4pMrQQ2zAjynCg75GX5VHzYLEkgYrvtc8L69PeXVxa+Mb6wtZJiBaxWFsyR5IONzRliAO5r0NFEeCuFx04Bxx2z/8Ar/M1HPBG3IjUD2UeuevU0AeaeMPh7eeJPBM2hXviCS5v0uVvbXVZraKHypEw0YKIFBUEfkzVY0268VX89pFqmladprrIr3c8d75yzLj51jUIGXeePm5XPG6u6KpJ1UZBznHNM/s9VLNGNu7rg9aAPMvBXhvxB8O/Dt1oGi6daatYxXEz6VfS3Yi8qORiwWWPrhWbA2HkDnHWtDw78NLbw/4I03wy99eNFbSyzSXNlcSWpmmcs0jHYQdvzEDPFeheSApJUH1yKCE2Y2jAGB9PSgDkNB8KWXha+uJ7O91a5JjCBL7VZpkODngOxAJ6Z6VzcPw5m8TeDZtK1FDoetWl9NqGmX0cqyNbytM0sUgZTnADhWHORkelelXFqJkAXA59BUdrbm3kwePdaQHlWpeBvEUa/DDz9Itb9fDyE6kftEOGZ4QhVUfG7D/OcDsBVjTfC+pab8VtX1RNFjsNFutOi05ZLaSIKHjkLEmNSOoIH5V619m3Lv5IA2jnoPSovJXkY7Y6DnkH+lUBxEuj+OxcMU8UaWEGdscukOxVT0XcJRk1zfibVvHXhDwzPqr6n4e1CG12sy/2XNGx3Oqj/lv6tXq3kjccALnqQP1riPjRZx/8Kv8AEBAGVSMjcOwnjOBSAhuo/iCjSRf2n4XD9Cq2NxleCTn9/Uqaf8QI/Lk/tnwyc/w/2fcY/wDR9dytnF5jsVzuYkk9c5pW2I2DyOwoA8mmuPF+p+Mk8Oan4htrGxksZL6SfQ7cwSuFlWIx73Z8ZLZyADjoQea7Hwz4b0zwnHLbaVaLaCYZklBLSSHuzuSS5P8AtE+2KytatY4/jJpiNGof+wbgkAHhhcxkMRgEZyAOveuyjtWhkHmIyHrhhz14H1xzQAYWReAMLn5D0656UsjEQghvnGAMnPTp+Pv1qZ4Vk5I59e9RfZkUDjJ6g0xWOa1jwLDqeoPrWlXb6D4kXAGqWmB5oHRJ0PyyoD2bn0I615XH4mvfHGqTaZ48vf7H01bqWztLWwDw2OoTROUdnlySGLL/AKtioO4Abule9Ipj+VeOc8etcH8PdAsNV8K69Zajaw3tpJrepxyW1wgeIqbl/wCE8DPHT6jB5o3HY6bTbaPToYbO1gSztolAihjXaijHAC9B/u8Y681l33j3QLG8ktbnUkSW2O24aOGWaOFupDuqlUIHXJx9KNF8J3XhiC/t7PVLq9tCmbG2vTvls2wcIJT8zLuxgEnA4zXJfs//AOmfCfTWQCTUBNcR36uPnFwJCH8zPO48Z3YwOaLAdNpfjzw7eahb2EOrxT3VxGJraFFZmliIzuBC4I9W6Utv4w0jVNYvdNstSim1Gx/10EatviPcNkfLjtyc9a4HVNNksfiv4LTw0unmNNAvIIPtTSGIQrLGQqsBknhjR4Lm1Oz+JvxNFzaQz6jJ/Z0v2e1lZYnzCUGGkwcAHnI6880AesR3AK5Ixxk446A1Mk0bsMgnPsCf14rA8IauPFmhpqBtGsXEssDw+csy7o3KFkdcB1Y8hgBxk1vxwqB07YoA5a80vxRJJIYPF0cMQYiNTpMDFAf4Sc81C2k+LFWVf+E1hYqOM6RD/wDFV1726swJyce9RGzVndgMBuvNFgOZj0nxaHRf+EvgAxnP9jRf/F0x9M8Xxhm/4TS3OTgAaLF/8XXWrCodc7vTrStZxsu3BxnPWmBy8ekeNGkOfGMIVR/0BIv/AI5UbaP4tkmjJ8Y2hUf9QVP/AI5XZrCue4yKctuirtG786YzjYdN8WoTjxlbZJxj+w4//jlEui+MngYt4ythlun9hx//AByuv+yIHDDPHual+zqxGR3p2Gjj/wCxfGZhB/4TK1TA/h0SL/4uqs+k+MlAZ/GsO3oP+JLDx/49XdTKHQplgPY1SmtmZcZJA96YzjF0nxjMCzeNIBk4/wCQJAOP++q8c/aY8N6/qng+102W7m8V39zcZt7S10ZUZSuCzlo+FyCO4Br6RWEchgwHpk0ghRpCxyXPVs8n/P8ASgR8afCH4D/GHQ7i3uLfxHN4ItZeTAJzMWHvb52fnX1lo9vfWekRR6lff2jfom2W7WIQmQ4/ujgZrZkt0VSoGB6dvy6VWa3BBAAUdcAYp+ozzL4i2q6HrCeKWXzdNli/svXEUlRJaOdqTHHTy3fBPXa/tU/w31C5sxeeGb6dpbzRNogmkJ3XNo+4xSfhyhPdkPSu5vtNt9St57W6gFxbXCGKWI9HUggr+IJH4+teX+H/AA7cReIbPS5bxotc8LsYoppFBOpaRL/qweQeGVc5HyvGf71MD0923J1qhJJumCKMmrzRt5eNrZ9hms7VtLubyxuoLdpbS4liaOOdU3NGzAgMBnkgnOPagDyDxR4im1TWb7VrRjK0Mh0PQsE/NKzfvphjqBg/hH+Ndt4Y0OPw7oVtp0e4Rwqqkk9W6k8d8k1zfg/w/bXXiZo7dc6V4cVtPtyDxJc/8t5unXPyfg3rXorRhuMdOaAKszbnJLcnknrzWXNJbXd9FbzeVJLGheGN8M6qGwSD1AyfXtWxJCGb7uT0xXM6nH5fj7R2C43aZcjOAG4lQ9jzjdg9fwoA0Lm3SRizopfGN+Pm6EdetQvGFjYBRhhyOxrQmj+VhghgOQar7cKQfSgpGdJGVYdcAYxk4/KoFXaQqkgDpg1oSepFQfLuPFAyjcQ5yMAf7ox7Z/SqEimNiAvFa06d8nNVmU8nrQBQ8smP35Pv/n/GoWj24GB2A4546c9avMu0+lQyLmgCq0LOwLYPrkDn0P1ppjI4NWgKY3UimBB5JoqaiquB9Hs1V1IRhxuyeVxnOe2KDcIWIz0qCaZV5Jx6VgQcXpui+LfCMD6dos2iXejRu8llBfrOJYo3ct5ZZTjCliBwSB61a/tbx1H8zaD4fnQdWj1WWL/0KE10K3GZflARfYYFL52BnODmkBx2sJ4w8XWLaTc6DaaJYXZWO7vrfVxNIkG4eYqKEB3Mu4ZzjnpXe2dvDZ28NvbosUEKqkcaDCooGAAPYcVDCw6hsHOeuT+tPWYLISxyO1SBYLflmq+palFpdm91OJPLiGWWGNpH9fuqCfyBNSNPGqhi3fim7iPnBxhSS27FAmcLqPiKw1a68KeMrO7S88NadBfPPfQqzbN8aJygG7IIbOQMCugsviBomoatBpcNxcf2jNB9pS3aymVjF038qBtz3Jrwq8tbz4Z/D9dYtIXuPDfiDRxFqFvjP2S7kh2rOAegckKw9STxXeahDfyfGzTrfTrq3tJrbwttL3UJlB/f5K4V1IIAHfGM8UEnoGieMtJ8TXl9a6dcSTXFi+y4iaGRTE390llCk4IPBNb0RwMmvHPh7Lra3Xjx7KOyv9Uk8TOpmm3W9vxDHlyAXOOD8oYn3r0fwX4gfxN4a03VZ7b7HPdwiRrYsTsOSO4BxxkEjnIHvQM3WY+tJ5gIpQu7OelRhlVsZGT0oGPWnlsdaj3YzSeYcHofxoHca2dxp6napph+Vhng9etJcN5aucdBQIsxzK67TUm0+vFUocMFboevWrCzjkA5oESLJtPFOY981Umk2xlk5NODM3tgZwTQBP5nWjO6qyzASIMgk9QOcVaWVee1ADnUGPnrVePgnPSpZJl6ZyuKg3g8+9AEzLlc4pODgUsc69D0oaQKpwM+lAEfG40+JtzHtUMJMmGI25POacw2uSOD6UAW1cLT1k796pb8sBmpY+c5pgTlsnNMY8j60HaEznFMcboyRzj0oAlALK3IAx1rkPHOk3p1DSvEekWbXep6ZK0clrE4El1ZyFRPAMkAsDskUkjmPqOa6tW2jBYEY7HmhdhUr8uOuPpnH8zSEcXD8QLuNVX/AIQXxLHt4CLBbYA5GBibHfsKtw/EeViFfwV4sB7BLGJif/ItdOmJN6E7QDxwKkQGPcvzMh47j60AcHcSS/EjVLWyTQNS0jw/HIl/qc2pWywNeMgAt4duSXG4Bif7q4r0bb8mWPHtx7/z5qJpTIAWAJ9wPU9PTr2pG3YHPWgCVZOuKN3zDNRAeUoY8806ZlVA+DQBajXf1xilO2LOKrxyb0HVadHICTnnFAx+WY+1S+bhcYpu4Oo/hpuw888CgBQo8snHNEe5xkAgdKFcYxSS3BjxtG7PYUCHSIdhOagCkMMjK+xpj32I3YoWQMBhetPjQYDDdtbnGOlAEhRdpYUgAxwOaimuFiCAnljUkNykquMY20DH72RcYyKFlRQRjk8UxlaThWwP0qJpI4YfNd0VMZyzgKAeAdxwOv0PtQBK8ZxkDOew61xXxsnSP4XeIgcOWiAToA2JUJI5ycDt1rpNe8RWPhbRJ9V1O4WCxhAbzPvGQngIi4+ZmPA656YryXxJHL4nm8vXtMa78S6vC9vpXh0OQum2xALTSspzuA+++ckkKCewI9hWORSflY7icMQQpOSDjj2pt1brd27JJHmGQFSDuHyng8jH6GuAtPhPpNnbwxz3+tm6RAHkh1u6VXbHzbR5nAFbnh3wjZeHzLLZ3epXBlj2bNRvprpRjngSMcH6UAeY+Eteu/COtDS/ETNd+GNVvbyx0rVLiVmms3E0ifY5JM78P5YKnIwa9H+FUP8Axb3RJWlmmuZYN0sk0plJYsR94k9sj8qrQfDlL7w3qeieImt9StL2aaVjbRNG6GWVpcgMT8ys2QwxjA60mm/D630/whoWgy6tqkZ0uA2yXWlXklp5oHTcFPzAD16nNAHaq43bB196j80HIIII7EH/AArjovhpEoXZ4r8WRAdv7VY5z9VNRzeAZ7dtsPjfxZHn/p+Rv5x0Adn5gZguOTwOea5P4YsF03xFg7tuv6iv0/fA1WXwLqkcqhfiD4pROzebA2PzhqP4UWrafpevWU91LfS2+uXkTXMwAkkO8Hc2ABk59KYHetJ5ig9SM4z2yc1yOpfDvw7qGqXGqSadsvrjH2mSCaSIXBA6yKrAOfqDmun5VuDxVfdknPTNO4GKvgfQbnXrLWHtGTU7GIQ208c8ieVGOiBQ23b6jGD3zUD+BbLT9V1HWtJs4/7evVAma6uZvJufVX+Y8AdODj0PSuhjCjJPX0pBcFV2knbnikBzngnwl/wh9jew4toxdXj3ZtrUYigZwMpGG525GQAOpP0rpfSmLNuyAf1wf0p4wcU0AyRtuKcr7l54pk3pRGue9MCZFDdaXgZFNDbeBSMwC7s80ASbqVCWzUIkXcBnmpVbbzTGSqx/u0obqKia4C9TjPrQrA85pjQrKc01o29cfSo/ODE4boak8wEcmgYxlzweaiZQucCpWb5uKhZvmximBG2TUUh9KlaQZ6VXklX/AIFmiwDNvcgGua8VeB9M8VSW09617b3lsrJFeafdyW0uxsZRmQjKkgHB7810xlGOlU7qQ84NAHBN8I9G583UvEMv+9rlz/LfSH4ReHGVtx1aT/e1W5/+LrtGcAc9aga4y2FyBTAztD8O2HhnS47DTIjbWkWSse8t16kknJP1qyw9OKlaQE+tVLiTDdPyosAkx8sg7tp9fSvnP4myaLpfxA8Xw3T3dveSafa/2QtrI6+TdSKwwhB2pmTaxBGGwAQa+gpZG4zuGTjPP9K841j4ez+JPGGt3OoQ2cug6tYR2MtskrC4h8ssUcDZjeC2Q2ew5osB0vg9tTXwzpkeskPqiQrHOVOcsByfbpWrIa5nwhZ6zoulx2Gr3sGqG1AhgvIVKSSRjhfNUnhh69/St/7SMc4yaLDGyGoG+XPFPkmFQSSdcdKViiOZtw6VXZSMU9pge9RGcScL0p2AZNiqxyc5p9xME6mqTTbsnJB7DHoASc/jTAsMwRc1EX79qjZmZemF6bsE8/So2YqeRx1wD29c0AT+YKKr7h60UAfQU2FjcgcgVTebcwUgkY71ryQgKf1qsIk3fdFZEFZG+bBHAFMctt4HOatyKqnIHPSjjjGKAK3mDcADhvTFTw4kyDnNSeWHbcQCacFCngVLAryYVcdRmpZ7W31CzkguIlmhlUpJHIMqykYII9CKnWIFeVFG3axxxSAxF0fTILGTTBYWw06QbPsiwqI9p/hwB0qGbwvpkupC9j0u1W/JwbryR5mD1G7GcVuSKOpGTTl+dRjg98UEnGax8PbQ6TeQeHvs/hx7s5upLWxWRrmP+6+Cv3ujdyDg10+n2V1pOn29vd3C3VzGux5ViESk9gqLwoAAGPb15q95a7QCoIAx0FDKMYHpjjigCeNiFHrUMilrhCv8INPDcDAqVAF60AVxNuwO/eoZgfMUqMHNXHC8AAUnlhiKAKSMVVt+4vnirBYtE24nkU/yxuJYU9th4PpQBCWCtHxxxmmxTHzj6E4FWPLXrTPLCtxjHvQBHLMQxVaHJkkmA/u8VZ2DbyBmiQBWDAYoAr28McMkW0lWI5zVzcVBx1xTMrtDbVyO9ORt1AFUqWeIMWyTk05sxxngk56Vb2BmzipNqdhk+9AGcHDyyIrbgBwRU0MnmoXPGwYqf7OseSihc9cd6hFs6yE/KIyOQaAEjkCRxn7xJqNpD9nbnM27j/CrW1flGMY4GKkVEVgdgJ96AKkaP5it04yQxq2sgzzxSyqvB24560nlmReMH8KBFa4kVpIwr5jJwfWpGc7ZgrYBxT1tVXAKj5eRQyBjjA5IzQBWmjXdGdxB74qvPMYZE2ShtxAC1oyQ9yB7U1rOP5W2jPrQBBbHz2nJY4V8CpY7koY0ySOnWhYxEWIUdSTVXTtQsdUvNStoWZpdPuDazArgCTYr8HvxItAFmJhMruCRtPrVlZlYBS/NJHCkeV2ACl8lJW+4AO9AyVd0sKkjGGHNQ3UzLlFBYn36Vet4wse1eF9KSS3SSTcVGQKAI1z5aFjzims+2QgHt+tPb5WHf0pzQjbuPU0CK7zO8MfJ3k//AKqbPK7bV3YI64NTrGrKV7VH9mVm7UALZyMyqS/enMr/AGqLDEDac0QwquFU9Ks7PXrQBXwERgMA+1Vrgzh3CysAF7Gr7QqoxjJNVLmHdIWCnJ4xQBAtxI7WwYdeCcVagyzTfPxnpTEsEZos7hsGetTR2qQq57saAHqzhSF/nivKdYuZfFXx0m0HUQLzStL0eO/gtZMGJ55X2PJIvRyF4G7IBwRivVZI3aDKnDA1zHibwLFr2safrNtey6TrlijwwX0EayeZC3LQyKRh0zyBwc96AOE0GRPC/wAZrjwzFbxNotzpaa5BZpGDFZ3STeUZIVxhN68kDjKkiuw8J+GYfDr6heSztfaxfSE3N9Jw8ig/LGP7qIvRRgfjU+geAoNG1S91i8u7jVtcvQqTX1yAhEag7YkReEQEk465PJrdlsVVWCkZkO4+5oArxyNJIx3dvTqfX60sd15McfmEbicACnx2G3jtjpTJLUx7SBkL60mBPNcSt0UMMe+fzqvJcs/lOBghth9SB0FTtD5u0CQoTwdtV5wkOwNKq/MMFzjLEE4HqeDQgHNfSLHL8nIHy/WnbmYoWOSRUaWuGZg5IbqD2qe3tTJNuY7iOg7UwEbcvBONv3j6d8/QV5r8NvE9mb7xPANQsvtc3iG7kEH2lGdlcjaQMnII54zin/tDXlxpfw5dYJ2gt7rULSyupVbDJbyPhzntnO0n37V0WoeANKubXTrE2EcK6Xcxz2jRxoDDIjgrsJ45ICn+8GPWgC5c+JtPtrxbe51Gys7hyAtvc3MccjbvugBmHJqea9SGGRpmWPy+WywAAPck4xjp79RXl3wK0iDxV4Dlv9at4b+91XULoXouIg+/ZIU2cj5VUYGByM9+ledeG9c1LWtW8EeHdYnmvtGt9X1OBXuCX+0C2B8gM2T5gUHGOnB4FAH0da61a6knm2V5aXcKqS00MweIY+9l1yBioG162dXKXUDxLgs3nIAufugtnAJ/yK868ZWcfhn4leA73S7eO1TV7ifTdSt0AWO4tgm9WcYIYxsBg4JFcX4IWaH4W+NtMXw219ZreapGZlkhRRhn6ox3ZTjkZPPGOKAPeLXUPtPMTxyow+9G4IzxnkE56itGxmkaIFuucda4b4R2CR/DHwq6Mq7tLt2yi7eTGnJ9c8/lXbWkJiXb154NUgH3kzRFcAcmmQ3e2TOQR3qW5j3KM9aprZhckNyaYFj7bumwBwTRNdKAUIPPSoIbdtxw+TU/2dnwD1oGIjjzAPanC7fOMcc0/wCz7eSwzjFQCzIbORxQAk0zSbcg9eKsQyFRyaTySVA3DjnpS+SwFMojW48tpOfpQbqVRgheelR+WNzZb71OW3MrZZug4pgOWd2z83NQ/aXjwWIwacbUo2Q9RNb88vkVSAU3O/gZb6Vn3N9FDcEPPErrw0ZlVTnjgA455FWZLfg45Xuvr7V4d8arfTdF+JfgnUdU0g6latZXwuo4bNZnkCqrbjH3xtoA9q+1Har7gYz06gN7gnqPpTZ3+Xd+VeR/A+11K18F6xfabHA2l6hcSXugafJcF1hjIIWIsOQrNycfd6Yrr2+IEEMMcWo6dqkGoIoW4S202aWMSchtjBeVyDiiwG60zbvu1Uv9UttMs2u7y6gs7VP9ZPcSBEXPYk1lWvjCy1K5jhS01eMS9JZ9NljjH1YjAriviE73/wAVfAuiXAf+y5ILi8aHtJMoyoPrtAzSA7rT/Fmka3IItO1W0vpcFjHBIGcKOpK9hyKyP+E80OfVPsA1i2F75vkrGxIDSZI8tGxtZuOxHXFY/wAXdKW38D63r1mixazp+mTxxXUYGfLYIHBI64AOPT1rK1LQbC5+A93bbIxAuim5UcYSURh1bOAA3Q7h1JPNMDrNe8VWOgskeoXDI8pIjgSJ5JJADyQiqSQM4PuDWbfePtFtdBm1d9QL6ZbHbNJHC7GBsgFHjAyh5H3gMdO+a81+El9e6344v7vXFYX8eg6dJCzrz5Tx/Ow28AF+D6k1T+IVnND4g+KltbBktptAt7ieNB8ouFABY46kqo/mc0Aekal46sLNNMFwt7/xMWVbT/RnYMxBOPYgDNbqbpGAHzcA5PBH1HavKtci1d1+Hs97Jp5sjq0BX7GkqygtBJyckg8EdMV6z8i7Ud0R3YIqs4BZu4XOCcDk0Ac5r3i5NB1bSrJ7C6uW1KZoYJomjCBl5bdls4xS6D4n/wCEn+1tFYTW1rC5iS4dwy3GDgsowNoz6+lcr8ddNudUi8K2ljc/2ff3F/KkN06ZCM1u42t3wcDkc1lt44066+H+rafqUC6Pq2lNFbX2mxvjy28xAsgJBzASeSR90ke9BSPSXuIoIxI80ccR6SSyBUOOvPcZ9Olc14P8WprVnJHdy2sGqwyzR3FrFINyeXKU3bWYHBAz36ivKNDi0DWNW0nT71dPvYofEF4n2cbmgETw7k2Bsgruxj3q9J4Yh1FZ9P0W0+z+I49Q1KNpBG0bxwSJLsV3x91i0YAyaBnoWo+P/D1vH5smr23ltKYV2MWZnCltoXGckcjjsetU4/GGntc+fb39xdRy2lvJHawQlkYSO3lumQCSeeM8YArldJgF1JpGpWvhnVraSO/ge9F3E5lO2CVCSGP3VLKoOe4NRWvhbUr3TIbe98PyTW50+O0kjkZYWDLcO+5SCCpUEEEEYIHbimI1tQ1qLVNStLi2GoW8i39gZoJ2KBt6MojAz1459xRofi+YnS7O30oQabKIczSXWZE80y9EwT96Mjr0qKy8J66rWstxJbTSRLp7NNdTbpGNuzFlO1SCxEnXjkGrml+Ab6zlh+0anDtt5Ifkt4WORHI0iru3D++wPHSgDtfKHqaKXzBRQM+hZLtl6jrxUDXioM4x60+bcuO9U5Ld3JOcg9VrIgmkuVZd3aoYboBcHOWNQ3EMkmxU+UKeamWLCrgcrQBJHfBQMAls81aWYMobpVaC3Kl2P8X6Uy3mNw80eFMkMoRlVgdnyhsH35B/GkBpoxwD271E9wOcfSo4nZo+pzt3bePXHXNRxoGzk55wcY/xpWEydbhV4YZpkcwSRjg4qrcXUNoInnmigWR1jVpXC5duiD1YnAAFTvwkhLABRknOcDuSKQif7QXfCrkUyO8RWJYNjOKoWmtWczQLbXtrcPcx+Zbxw3CMZkA5dOfmX3/CrMFxDqFikttLDcwsciWBw6nBIJDd+nIoAlmn25ZWYKOuRUkd0NwXOSRniq0yiQsAM5GTz6UscW08DBxQBYWYNNHycdavLIG6VnRwsuDjOOanVHGSeM0ATSXC+ZtqKaQmZcMcdaZtO7jk+9NYt5mSMmgCY3KqucEmoFufM6ZUZo8l+G6jOSM1W2P5LfKd2/pQBfW6CfL1NLJeLjngU3aWVG8vBxzUU9vLLlFUKxH3j0FAE8dxubA6dc1Itwq45HtVfyTGpJG4qu0sOOf6frVWGZtsKkZ4zubgHJ+lAGn9uUsQpHtUkcu7p1qg1uWdQi5KnsD8307n8qls2buPx5H8/agC+JQi7iaha8jb5c/N1qK6f92MetVl3CSR9rFSm0MRjJz2/CgC+bhFAyck0falWqsg/cqBnPvTJo/LUg5+bgMenOcY9eMUAXxJ++OWJUDNON0fMRUYbT14qrE21skgnHr1qKNZRdJIThCDkUCNT7QF56imCZd27tWa9yBC2dwG7HSmyXghiBKuw68d6ANK4udwTZ1yOtNWRlJBI296pwyO0MTlQGY52+lOk3N5oA47UASrOzXChQGXqa5XwHNt1rxuxJ415s5/69rf+oFdMvyzRomQNvJrkvBU3nXHjeULgP4hnGR2xFAP6UAd39qjI6/NUdvfK9wio64J5yP0qiC9wzom5dq4VsdasW8CrIibQNo5P9aANhpNoznAqvcXXlxu6sDhSRn6VDcMTEQD7VUEnmRsmO2KANC3vPOUHjOMmpJLkMvXFULf/WwgDgj5qju7jZDMyDLKwUAjigDQaZltpGjKl9pxn1qCK4kLRjP3h831qG3uDJGyBMMAME9KmVvLuEwucDnNAy9EyHnIBqb7QqlscketZceWJI4Gc1PDGxZnJ6mgRYmuFRTITgYpn2gNjn5uuKpXySMFTGVJqARt5s4LMCcAN6UAakcwLHLbh6g9KbcXxVAzfdBxxVJ4RG6tH0A+bH86buWRdznJB+6KANSOY4HOMjIqKSaPbk4GQc84pYSPLBPAqnfWcd2noy9CKALi3HUAYDDtgVG8zSJkDpxVfyxF5eDlgMGiMtJGyjg5oAlEm2YBjjirJjEi9cVTKhHy/PFRPdrL8u7YAe/ekBb2hcsTkjoa4z4lOWh8KsRlV8RWS8HHB3jn8a6eKcNGVBJ57VxvxRgElj4ebzPn/t+wAX0/eE5+vNAHbGRY5GTHP1p6vsweOvFZkcZ+0JuJLFTlug4qWKQ+WN2clsZJ4pgWdW0qw17S7nS9Tto7zT7qMxTwSDIdSQfrwRkEd65vTPh7Dp7W8Mus6vqen2rq9tZ313vjjK529AGbGeN5boK6HnhmNTEfuw1AHJXPgG0S/wBSk0zUdS0NNSfzb23sZUWKaQgBpAGRtjNgZKFeeaq3fw50CTw9Y6NDbPYwabItxZXFods9tMv/AC0RsfeOTkdGycg10skpRyd+85+7VSWWRYZmVgzDnHegDFsPBax6t/a19qF1q+rJC0FtdXYTNqp+8Y1VQoJ78c1R0b4X2uh+G9Z0a31a+ez1SWaaZ28vejy/6wqdn8XfOfautj3eWrDgsOfrVUyyNdTIzERoMquePrQBV8LeHo/Cug2ekQ3M91bWcfkxPPgssY4VcgAYA6cVtRybRgdBVONjtJ5bI65ob92pIPOM80wLbSbjUbyCNdxrPmlfcpD805Jn2P5h3AetMDRjm2sD2NPafPSs1iWmCg4Qrx9aZHI6qCzfNmmM0vO3r15FOEiqM85rNjkZlPYk9amWRl+UkEYoGaCTUGc4zt71UhLN0pZ5GVVXPfmgZKx8zPGPWhWCjpVSWRsYVuvFNVmTcCx4poC75m7Oe1QySc+1R4OQA/Womfc4XI+U1QD5Du6cfhXCeMPBOpa7438Oa9a39nbRaL52y2mhctIJQA+WDDsOOOO4PSuymmKgkEA+1QRqWjLE5Gc4yetMDh9H+H1/4R1LW08O6rDp2i6gzzxafNbFxYzuOXhOcbN3zFCCOO1dRps15DptrDf3IurpIlSSdV2CSQdTj3HP1q1I21GI4b64qptLZ3Nk+tAFiRssrZzjoOw/CuZ8Y+CLLxlb2LtcTadqWnzedY6la4Mtu+MHAYEMp7qRz04rbUlgRu+lOTlCFG84yODn8Rj+tIRzdn4VuTI0mtaqdbkEbQokkCwxiNj8wKLwc9DnNc6vwxt4tNOjf2tfyeG45MrpTlWjC7gfK3bd+wY6FjxXbtcbZmBIh/2SDkdiSKjuA8ZbcrIGP8XHI5/yP1p2GYes+C9M1SayvInuNL1OyUx299p7LG6IcZQggqy8DgqcdsVkXHw/0j+x77SpxPdQ37F7uZpMSzZGMMwxx7DFdezYiBOQDwegx7cnqazZriIZaSaJQMjczAAkdcc0COe1HwHpF9Z6ZZz/AGq4h09le38y5cNGV6EEEdB60viLw1F4jt7Fbja7Wd0l0jPncrKQeD7gYPrXQS/Og4DNkjg5yMcHiolUmNgVJJ7cD8OaBmXeaLp+rSQSX2n291JA2+J5YxujbnBBHIIz1qC60HS/tDXDabZG5YENMbdDI2QOC2MkcDgnFQ3Hi7RIdTXTf7UgW9aQQrGwYEyZxt6Y3Z4257GtGdRs3jcy8sNvzEgDoMck59KBle2VEUKIowqgD7g6Dj0p15OeoBJI25PPGQcc9eg61zOh+PdN1q8sbW3S6V763muYnki2qFjk8thyck59q3ZPNkHQqc9CCcHpjjnPfp0pjuQzSFycgdsDuMds9fzqGVtzFmOeO/Xj37UzVTPb6fdSwiHz44y6i4bbGpz0duwx3rK1jXLO1tbuD+2LOwvoot7GR1fyeM7yoOcdOPcUBc1edxJYM2fvDn6kexz+dNkXdjPIHT/GuQbxE9prF0upanIBa30vlRQxAiWP7OJDGcd1U7h9DW74b8UWfii3nltEniEDrG63EZRm3Rhw6j+6QwpjL/NFS4X1oosB9FH943PAqKTapOOD60yPeFyDUUrHBNYkDmcZ6gmpI8N2z7KOaotvLcLxToy24AHoec0AP1PVI/D+l3eozkvFaxmRtgyxxxgD1JwBzXkvwy1S60j4h3lnqSXsB8S2Y1Ape20kQF4jEyIgcDIEbAcZ/wBX1r0zxToVt4i02O2uZLhIoJkmVbeUoGZDuUN6gEA4rO1zwvZeJ7/TLq+e6jutNdp7VrWcxbJGIJb5ep4A5446UgOJHxG8YlvtEZ0Z0XxM2gJaNayKWy2zeTvO0DIOOc9qd/wszxRHq1rpDrpVxdLrzaTJcpbOm+LyPN3qhJxjpgk546V0Y+F+kskdtFc6pFb/ANof2q4W8bJus58wkgnOefwrD8Y/DCVvEGiXOkpqHkyau2p6leJeRhkbyim9dxGDyBgAghRwe5cTKv8AwsbXZru00vVLXSb67s/FMejXNx9nfa8ZRXSWNSx8tgD7nOMYxWhYfErW9Q1jW9OnFrYX1nbXcw0u+tXRjGhPlSRyBts6lQS23BGRWs/w60hYdMH+mLLZX/8AaaSpON8tycjzZDj5mwT6D2p1v8M9Jt4zukv7jEE1tD59xuNvHKf3gjOOMjjnNIkwtAvH1zxL8NdUFrZ2t5L4cvJzFFEVgRmWLaqjso3dPQ+vNVvDPxA8Rapa+C7DSrHQ7R9Ysry4bdbyCOFo3P3UDAhSGyBkknvXbaf8N9OsZtJnhudShm0uwfT7RluF/dwt94Y29cY5/wBkVRsfhbpmiTaYbG+1OEaVA9vaZuATGj/fA+XqetIZr+AfEEnjDwZpGtXMSwz3UJeRIsgZDsmQDkgEqTyTxXSxr3FYXhfw/b+ENBtdGsWuJLO0BERnk3MASSRkAZ6n862ftHlDG3PHegCZn2MBkGnodxGaqMxkdWwKswNuXPegCSTAPFNKgNUVxJhsU35mYFc+9AEzkBeODURk7mmiTzFHY02TdtI9qALaSCRQR2p+7ywNpxznjrVNZNsKKMhu9R+c3BJwM9RQB5rYeMotG+MHizT9Z8UyWWmWlpaSWdrf35WJXlUmTZn72PYkj3rB8PeMon8N/EfVNU8R61d6PZ6jLY211YyNM8EG1fmTAGDlz8x44HFdT4d0nWbP4peLtavdCkjsNRhthbyGSF2XykKlSu7A3k8dRjrXISeD/E7eCfiXpLeHp4bzX7+W9slNzb7fLkKbVJ8z5SNpOKBHpXizxjbaPpd1p1odUudUj0w3RbTV824s4tuEklfs2eeASQpwK5jwh8YNI0XwR4Rh1m41S+1q60ZL7bb2MtzJcLgbmU9GI3c46d8VXfS/FOk694l1G28Ny6pZeJdKgTat1FHLYzRQPEI33HDL87HKk9c81U+H/hvxDo3ijwJNqOhXFpDpGgtpNzMtzDIglBjIY/vM7cIex6igDvtQ+J2hWc7RzSXAtVuxYtffZ3+ypOcYiaTHDAkAnGATWDpnjJvD/jL4gf2rqF9e2ltqFjbWVv5XmSI8sTExRooBY7mH0XFcxJ4H18+ANd8Ay6a81rfanJLHrolQwG3knEzSNk7g6gEYxycCqt14X8V6P8TdW8Y6dot7cSx38a2tnLNHsvbUxJDNzu+SQY3Kx7E/gAeu3PxF0izvltXS+8xXt45mW0ZktnnKiFZT/CTuHX1Fch458XGPwX8Sb/QfEGom+0kKGjMIQWUiRr8ke5DlWB5PXnisvxDoGs6l43i1jRtI1PRdXkurVWmcRyWd7aBU8wXKb+HTkA9TtGOazPEGk67rWi/F22t/D2oed4kuFk09WRCZQI40PO4Y5Rjz29KBHqGqfEfQfC6pb6reyB7e0hnvJIrZ5Ft0c7VklYD5Ax5BPXnpVzV/HGj6PqT6fcXExnjaFJJIraR4omlIEQeRQQu/IIz2Irxr4kaJ4p8VQ61Da+GtTeC8022GmvZtHEpkVD5n2ja253B4RTlfbPNaOuaXr134pt9Y0fQ9U0vVnlsY5oZFSawvoMRhvtGSVEka7hngjbwM0ho9Gh+Ifh+70/WL1LyV7PSXaK/ke1lQQuDypXaWJxzgDpz3qXVPiB4d0N/J1DUhbhRGZGa3lMduJMGMyvt2xbsjhypGc4NcJ4i8O3//AAtryrF/+JTrUEOoana7j5pNq6iNuOnms0aH1EZrO1DRdV020+I+iS6LdX9x4jnnutNvLeDdDKs8Qj2yOcbPLIGc5AGavQD0fWPip4S8N6reabqWtxW19ZorzQ+U7mNTk5OByMAHtgZJ9a6u3liuoYri3dZYJUWSOVDkMrAFSPqDXh2m6XeaZrHim3bS9QvU/wCEOt9JgmjtHkFzNErBkXAOcl0Oe4NekfDVZ7fwH4atrqC4trm10+C3nhuIzE6SogVwVYDqQaQHXjpjP+Ncb8ORi78Zngo3iO5G30xHCD/KuqN0I3GVOM1yfw1mWRfFrAYL+I745/FB/wCyikB3K4VeOKdHj05NVFl5wAc1J5gXGetAFl9hQrjmqnl88AUGTfntQSVkCjpigC1HtwNvykdabIqZznOexHFV1kKjPvUS3vnSMAfkXigC7G6qfu57U9pFHO2s6SQrJtyQpHapLdiVJ3E845oAvqg2lh9aSNmV8H7p6VVhmk84DGUNWpGHBHBFAE3HfmkkjHXAxVG4vEjKlX3HPIqxDN5mCM4+tAD9iqRjj8Kd9ni3bgg6dRRJKFGSeKrXF4PL2ocfhQMuhQq88CoZFA6Dio0uVWMBznimfakbhXB3cAUCHso3A7alwFGRiqrMe7cULMTwWFAEkmGyT1xVVoFlG0rxS3EzKoKlSScULdJHJtJHSgCVYEVQEGDXHfE6FfsOgygDdHr+nH85sV132qMs4VwPTdXH/E+Zf7B0nawJGv6d39LgCgDqvsaNsJGWGT1NWls42hCkfdqLcd3B7/0p0cwDYLc0AP8ALVhj04oYEDFHHODx1qq1wNxAYcetAxkltH5nA+Y1H9iAkLAct1py3kYmILgnHPtUryfJuU7vSgBFh+ULgYqrJZpuLFcH2qVrh2KMoATvnrmo2uAxdc9KAGLEgz3+tRSIGOPwp+8dc0x5F6lgKYDGt0JGRyKR7WPaxAOT705ZVY4yN1LwOc0wIBHhgakWEEr7VJuFKuOQaYCrANpGRSpAN2aavyn2p3mKvVsUASrGF6GmEBmI603zBjlsDt70KwDcHIoGhzQrjpUTR5z71P5ikdarTXSxyRgDIbqc00MeEC9qqTQlX3KOvWrfmrL0OfpQ7BevSmBSSEHOVNKsIXpT5Jj5oCEbT60pkXHXmmBXkt15qrcWqQjcWUKRxvIXPuPpV6SdR90/NWLrGg6Vr6oNR061vzGDs+0Qq+3P1FFgGyXFjGjBr21jwOd0qD+tedfGrXJNAi0O7uk1B/Cn2iQ6s2ms2+PKjynbYclB8xOD2rsF+H/hYLn/AIRnSSwPH+hx5/UVQ19db0+60z+w7GG+06OOSK7sZJ1iJX5NhQMCpOcjnjB7U7AeYat4mk0fwrZR6B4ik1W08Q6zFa2WoibzZYIXG51DdQQQfcD1PNafjqyj+GFrpGv6NNPEF1GGzvrNpmeG5t5Tj5lYkbwSCGHOeuelUofgpLcWetusMfhq4u9Ti1exs4nEkdnPGAAGI6KxDZ2+v4Vv6t4d13xt/Ztrrdra2Wn2d0l1MLadpftEqfcx8gwuex56c0AanjKfTdb8J+JLcTW91LDZSs8asrNC2w7dxByDnpXjmr3dndfCHwoi6Pdwul3pxNxNZlUwXXd8/fdmu21vQW/4Ti8g0y302OPVNJuLZZ4OWhbeN/nAcNxKQCT/AA4xTdQ+Heq3fw307ws1/Zwz2TQk3YiaRXETAodobg8DP6YoGeiW4Cxqi5CphVVeB3A6fSmzN5bZwGAw23rkfSq6tIEjDlGk2AMygorEdSMngfjWJpP9rL4g1mS5ubiXS5JY5bSOdFHlkr8wTHVc+ufxpBY851E33gPVDbanbRa14NvtVE9vqVu2ZtOuHkJUSKc/LvJG4YxnnNX9P8Ta215o/m38sqf8JJdaXJ+6ULLGgfyw2APmBUHK4HtXRR/D2BpGil1O/l017s3h06Qp5Xmby45C7sBjkDd2FR3nwt0KbVJdUMVz9qa5W8VPtDiNJwuPMC54Y96bCx5hpOh/21ceGrZb+70kbdYUXFg/luNs44JOOO/P51X0rWLjxFcWCav4gSxv7W3sJrdsHzblfusynzFDbj8rAhuO9eqN4B0A2q276assMcjzIHlkYozffwxbOCeSM4NXLjRbG4uLOd7G3kmsxttpJIlZoRzwhI+Uc9BTCx4QbfS7fR5HV45JbzTdWt5TJJvLbJcwqckgH0rY1BJrz+1008zalbXemyu1u9szyQTeVGFeJgCGRztBByQVJBFew/ZIrfcYoYo2JJykYHU5PGMdacrPuyTzkn8wRx6degoCx5v/AGZqVxq1xImkXLxm/juFMm2PKGyMJ+8QfvkVseC9K1HSVuBfxJGZIbWNVSbzGBjh2MDxwMgd+1dTNFu4OSB0B5/D6UzB49B0GOO/+NMYZNFLzRTuM+iNuBjNRvCGUirMg5pKwIKqRhe3amcLKBtJz6VO3OaRcbv0oAc8YeMr03VXhs/LcnO761aP3cUKBxxUsBIYhHuI6tzTZl3IVHG7jipqYy5xSArGEquMjPr3p8duzdB+dSpGFYk1L24pisORWWPaWy3rVeW3MjNzyetW9qso9aNu7ikFirHbnJ+bP0qTyWOM/SpgpXpwKWgLEX2d2bgqKmjjES4/OmK27OODUjcgc80DK00LFy24YPHvSwwupyGqVlDMO1WFQItAmQCEBQMcimOh5qd8VCOW60CK7W7s28NggYwaesTAIcjgg1Z255xSxrz0oAqR2+GOAoGMDAxj6elNNu3mMzKCG9R7n/HH0q6cemKZ1NADYY3Ta+f3ijhsDOfX60wW5Em/+POd3fjp/IflU/OKash3YNAEJjkYgDpjGe+M569evNOjtPmPQZ4yOuPT3/HNWP4uKdwuaBDZLcGNlwCrZO1vun6jv+NVhZsvBZScf3epxjNWZJNijJ604EthutAWRAtr0LYc4wQe49PpTZYXbIyRk8kHB5PP+ferGQG4qTbke9AHKaB4G0nwrJeT2KSRm9lMt1JNM8juckgZJ4UEnAGBzW7JCZJN64II64A7Yq1JCJFYMoIPamr8qgYwB0FAFVYcfKRntySf/wBX4etWY4TvMjNlznPv/nFPwuM96dHQBHtJYfKCc1yvwygP2bxK23H/ABUmod/RwP6V2QxuGfWuV+Giqtj4lxyD4k1Ej/v8R/SgDp4VPmtnpUzRg896Pu9OppVb160DIjH8vA5J5pu1luOny4qwW8taYexoAbJIPJK7cN0FVVswqDGferLKT796FJHWgA2hkXI5HFQ8rEwA5J6VNQMAg96AIljMcacEbTmppMyqDvK0kmW70u0Mo7mgCutuVVozyzfxe1XIESNVXPQUzafX2p21cc0ANadZSVGeuKR+ISdpOKFj5OB+NPDFBtoAz5bpppNqRuoA7ilhVmWDAKsM5zV3b82aVm4wKBEKxlY2Dnj1pqgMxIPbHSpGyy7T3pY1MSkZzxQBC3+rxwefSq021ZIj7HnFXeaYw6DFAzO2jd3J7Vy3xPLLomlqowF13T3Jx2+0oP6mu3IPHArj/ikhj8J2zZ/5i+mcn/r7joEdp5yCRgTxnGf0qmZEyX3ru3dNwz+VSrbfa3MW50Eh274zhhkjkH1ryP4beMxqmg6/Brni/GoR6ld2kLXt1HFLFGjbY9oPXrzwc+lOwHr3nFFk5OQPTGDVFyJGBcf8CXmvMPhh8QmX4Z6BqviPU7vUtW1aeSCKNYvMlllSRwY0VQOiqDzmrfjjxumoeC9F13w5qkqwf23a280SKELgzhJIpAwyGHfnpQB6J5KeZKQF3HGWxxUnmCFHAPIHboOM9fpWJrXxC0Hw3cXMV5czKlrta7nit3lht0YHa0jqCF5xn0Byahm17TJvHNlp6a6/2uTTmnGlqg+zzRllcT+ZjqM9jjHXFIDckdmEZzUMkbySSdQe23vWInxK8My38dr/AGj5Mk0cktuZoZEW5VBufymK4fC5b5STgcCq2lfF7wdr9/Y2en6zHcXGoMUtlZHjSVhkFQ5G3JKnAyDxTsM6DldyhxIFH3lHX3x6UydkaEEttOa53TfG2jRt4guX8StqlnDqK23lfZWDWcjKMW4wu5uc9j25qP8A4Wf4Qm+3qdXVDYqj3K3FrNC0Yc7UyHQcs2AFGSaaQjqIwjSIytnjmrDNxxXK6f460G60+9vYb5fIs5RBcI8bxzRyEDahjYBssTxgHNNl+KHhm3ijM2p+UJLtrBfMt5kJuBg+UQU+VsOp54xmmB03mYPHNNikLSfMcCsW58WaRYahfWlxfi3mso1nnE0UkYWNvusCVw2fQHPtVKL4ieHJrO9uf7VjiSxUPcrKjJJEp6OUYBtp7EA0hnYSzL5ZHtVWRt6jniue8O/Efwx4rvlsdL1iC9ung+0JGgYb0G3JUsAGxu5x0FdJ8o4xQBCWZsdSAeKcrum4e4qdYwOccVKm1c8A5pjRWaRt2FOVxzkUeSrNHjkdTVrA6UqIozxTQyoGEUjKBgdKaZsZySR9KsyIM0kihl6UwKSku+R0p7KGA45FTBQvQUshG3AApgUmjGc1BJuHSrj980zau3JpgUJmKwkKMk8c1Vt0k2/Mc4JxnngnOMHjFaUir2qu3HSgCnPGq4wox6Y+v+JqqyCTJZQx9xxWhNzg1Adq9qB2MS30Cx0+a4ltbK3tpZ23yNDEqbm7ngYyanaERqwUbT2xxWicHJPSq0vzMcDigZmyW4bIA69jyP1qvNaMsar1C5xmtCRgq59KqTz+9FhlcKVye9MkY9Tz7VIzAjINMPzcUrAUG+8wxgGo2hDcjOKtTcAnAqrI+YyRTsBFIq9hURSnq351HJMV44pgQvy1RsMNjinSNxmqsjN2oAs496Ko7n9aKAPpeQmo91MaTc3Wm7qzIF96M0zHvS8ZpAP3U9RhST2FRfSnJ05NICRWDdKKQbR7U5lKqD2NSAN8wp8eNtQnFORqpASjA709W21F+NSKny5zSYEiklTjGKTbUG8qevFP873pAO2+XTfMOaGRpOc8Ui9aAuSKN/I6inMG4JPFRJlWJ7VIX3cCgQ1m3dKTAXnNIkbKx9KViORigRMrDbmkV+eKgDfwmlX5SaAJGJC5qNW5qORjtI7URtxQBMzdqarANnrTN2aPxoAn3EkEUSt0I5OabG6+tJ5q7qAJNwYfNTj93iq275zUyN8tABzuFTbvlqLNB5oAkH1pG5pFpaAD+HpSKxU4Az+OKfweKicHJHFAExkVcZYDjqf6etch8L5P+JXrxyCW8Q6m3ByB/pDj8+Kh+L2r6x4c+HOuatoM3k6nYRi9Q7A+6NGBkQg9QVDV47+zj8TPEvjbxrqVmwt7PRbY3WqXkdunEs9xKQoLnJABZsKMfdoA+nOGUZPNOjxnmqnmHg9s1I0o6igCSZ/zzTVY4+b9KZu4x609WCjB5NADo2DcD9aGjPqKarfMelNaTmgBe4FPZcdDzUYbODUmQRnHSgBn3mIPWpI12qSeRTdofkVIGyu3FACM67eBzUbsPepFUZOaY+OlAD0bcvFO25HNQK2MjNMNxg4waAJ5s4A4xUcf3Tn8KZ5mccGnBvlH1zQA2Tt605G45pjA80gyg5oAk/Cjyyykimq3rS+YPU0AR+Wc8nFcb8WA0fhK3JG9f7X03p/19xf412Ukm3OOTXzv8dvjVP4U8RXXhbU9N8yy8yx1GyvrdtrMqTq7qynP/PNgGGACOc0CPoWSY25d442kEZJ8tACzYwcDPGa8l+Fnh+50PTfEkWveFbhbt9Tur2GN4oZDNHI3yqDn73+zmt74PfEa9+JPhu41q70+Owt5b6WK0jGSzxIANzHOM7gw4x0rvt528HB65Hr3OOlMD588N6H4q0T4Z+FNIHhrUlbT9QmTUooGiW5ELF3jaKTfwCW2kjkDvVdPDfifT/h9qGkP4Z1JJx4pXU4NrJKXtxceYzZ35yAvXv0xmvoRlUdOBjG3qAM5wM9Pwpu4ZPqxye3Pr7fyoA8guLHUPDOrePYJtJvNVs/E267sLiOJWG6SDyjFKP8Alnt46+maz9N8L3Wl+KfAPh+6uf8ASYPCmoWTzI3CufKXPJHGSRxnpXuXmfNnA/Dj659c+9cvo/gPT9C1WbUIpry6uXDqjXlw03kq7bmWMtyq57UWA8r+HeizaW2i6ZqXgO9t9a0NsPqzFpLf92u0y2zbjlnAGAAO9Y+j6bqln4C8EWT6Hq0dxpfiMXl3b/Y3+SHzJTv9D8sgr6Mcnjtt+7t42jHAFMVTxt4A/rVAeKQ6xqHh/VfiPqVv4d1LUJ7m+gudPR7KQrKwiEZkxjoGByO4rMEN1o/gG+t7Hw/qWqazdGO91S8vbB924zAsY0cDcyLynpivf5FYDr6579ef5moe+QAMdBjgf/WHSmB85x6Xcz3PjW11Xw74ml0zVLjT7qO6ljdLwbVCGVSAf3ithinTA6V0Og+E9W8XeDvEuiatO022VZNI1+e1+zXLlEVop5FOCCrKF3dSBzmvaOdu3c2fXOTXOeLvCVv4ztILa5ub62WGYyH7HctF5gIIKPjqhBPFAHkk+geIvG/wom10QCXxHfXVtqMljHgF4oXBEQz1JCggE8k9ateJbe48YeILvxFpunalFaxeHbqxl862lSWaSblIdhG5vLIxkDHPWvaLWzjsoY4Y0VI4xtRQMYGMY/KrC56scn+8evPWkB4b4bt7mO++FBTS9QQ6bZS2l4z2Mii3ZolQBiR0LAnPavdIxxk9aFIUEAD06f5/yaN3agZOrUfd71GrCk3ZoGiYNT1aoI2HelJ3NxTQx8pxTNxxS+xprYDY7YpgMkbyxz3qJphTpAfrUTIWB4oAZLLnHGfpUDXG7cCMYFOZGVl7c9qjmzzigCDzjuxyRTfP46c5xS/Mp+7UZyM0AJNIeAOtVZWO7n9KnkUtVaSF3GaChjTFWwelVJp23HHrVqSFtoz1qvJbnaapDM6eRjkZqs25uD6VoPZMTnPFMa3GevtQBRVDjrS+vNWTCBnjiqzgIeBQBUmPUc1UkUj6VoSL3xzUDx5oAoHrUcinNW2jPPFRMozTAqOvFR7TViTAzUZbigCPaKKXIooA+gmZVbHqKbuFV5JlZsk/SopLpsHGMVkQXlbdxSHvk4qikzYyDU0b7uWOTQBcjPFLmolk44702SYpjikBMcdc09X3cZ4qvHIG60nmYbAIpAWG9jxRvI6VEZMNt9acsirwetAEqtu68VIJNoxUDMMZpoYHvQBPuyadxUSNins5xSEx4kIpC3BqLPWm7jzQImPK9aejBBz1qFW+XmjfQBP53tTC3zVE0xFJuOc0ATq2OtKG5qHOcGn8bc0AK65604KFXOah3bjyaduG3GKAHFuDUa5ZsU1m25PYUnzEkAgHoG/r9KALCK20MOVPGRyM8ZGeBkZzx61G7bTyVQ5/iYD+teeWOh6b8Vr+48R63Ypf6VuNvo1vMCFECsVafGcbpGyB/sqPrWOfAaoTGPhZojKGIVpdYxkdj9w4z6UAeteYm8Aunr99f8atqdi8hsHo2Me2cHtnIGCeleT6D8PdPvL6Map8NtF0602MTcR3on+YdBs2jitfwls8FeJrzwoqGLTbuNtS0hdxKooYC4gGeu1irAekh9KAPQ1IbpQ5C9OtVI7hW+ZST7UrSHdmgCbziucAGnrMrDg5B6Hp68/TpWZqtxLa6TfXMODPDBJJGpjaTLBSQNq8tyOg5NeZ/CTx14m8Ta9rltrlm1rBCzFS0D/u2GwGIN91QpIzGct8wOeCKAPX1k+bGaR2w3rUEbe/PrT1bnBoAbcWsGo2lxZ3KB7a4iaCVCMgowII/JjXkP7NXw4u/h/4d17+0Yniv7jUntlD5BeCH5Vf6MSzV7AykHg07z1O1T9P14/nQBIPuilzxjFRiQLk54o8z8BQBIT6Um786Veh7/Sm55wOtAEikdTTWxuFRPIOATihZl6E0AWVYetG7H0qDco5oaRWFAE6ydecU2N2V85JqJWHUUvmFZOnFAFnzhnng1G7c5FMaQccYoOQm7rQA5fm5FKE285zTVcbeOtDSdOPrQAFjSq2eKYzCo/P2tg0AWww571EzHdyMCmK28nB4ob7vTP0oAD97inbgvNRKxyc4pJMsPagCZtrLnOK+bP20PCLXOi+H/EsUe+W1kksbgqvPluN0eT6BlYAeslfR8bbRgNz2rO8SaHpvifTWsNTtkurZpEl8ts43I4dT+DKKa3AwPhj4X/4Q7wDoWjkASW9solA7yt80h/Fixrr+FjwOfWouF5x6fpSLJ83TikA8ryOO9EigdKGl5AxSbvMODTAavvT+KU7V71D5nPWncBzLTdvpQ0gxmmNN8vHWi4DJWx941HvFLI27k/jULSDoKBCt8zU3hG96YzbT70xmLEZpgPkYdc1FvLN14pkrGmpleaBljd70bjUO7kE07zA3FAEqsadvxUYb0pG5IoGS+ZjmnxsWBxVbBpyybaaGWOfWhjk5qLzvakMlMCwAMU1toPFReYdppvmFcUAPkxzxVSReRViST5elVmYnFAEbVHtHepC3zVDI3NAEUjfNwOKjfG0YPelaQVGSO9BSI58epqE4Zeakmw1QMdv0qkMhY/Nx0qvLg9qfLKNxx0qFz3PSgCJyRmoJF3GpJJBULyDmgCF2zxVaRtp61IzHJqCSmA1m61Xkb2pZJKrvIe5oASQ7uKjYjpQxyMioy2aAE3UVHzRQB7xIvy9KZ096tMy9RzSrHu7DFYkEaqGj4FCqRip/lVcU3cKAHoNy5HaiYZUcnNEZFOchaTArwgkNmnRqMndwPapFw3HanbQxxSAg3Zf2pyn5ualMan2pWVduKAEHzCkGQ2KeuFWk+8xoAcrbW56VIJBJxUfHHehcA8UCJaQ4WlGDUROWx2oEOMn5UvLd6MBV4o54NADlXg96btJyKcrCnBhmgBnPel3HbikZiWprMdpoGIrfNzUvAwc1WXJbNShs4FADi/zDFcZ49um1eaz8I2UrxXGpx+ZfTQnBt7JSQ7E9mkJEa+5Jrs+F6gEd+1eZ6HrkOg3njfUNXiml1i0ufOvY4UyfsQX/R3jHXZtByOfn3elAj0Owhjs4YoLdFhghQRxxxjCooAUAD2AA/CrGNrALwO2OMetVbO6gubeKa2lWWKZFkSRDlWUjIIP0I/Op1bfkDrQBOF4J4HfPUiuW+IGi3GpaNDeaegXWNJl+3WOf4nQENF9HTK/iK6eNymM8j0rLvvEFtpusaXpbLNNfagGZFhAIRET5pnOeFzgDA6n2oAPD+uWniTRdP1Wzk822vIllRgeRkcgjjnIIx2IrWUezfjxXlHhG28Qahda9eeGtVsdO8O3GpTSWkdxZNc5YNtneP51CxtIGxnPQnoa6VdD8ZTZ87xlbwD/AKd9Hj/q5oAseJvF13a+JtK8M6Itu+s30L3cs10paK1t0wpYqCNzFmAAyBWJ4q8ReKPBOk+IL2W30q9istPOoxXkVvJGLmRXKyJIu8lWIOQd3PvxUvibRdV0X4jaZ4xs7GXWLU6e2kahZ2qDzUUvvWRFJAYbsZHoMe9Q/Ei/1PxV8M/FVnp+iagftlmbW1WSMieWYsAf3QJwMdzSAva94s1/QtK8J3cMNhMdYu7ezmMkE2yIzAlXQ55C45BPUjkV3XmBtucbsDhSOT3I54FeL+IvDFnpf/CD3WkeHb+2nXUbae98m0kLQwqDvEgz0yAcd8V3+r6b4tmvpZdI1zTbKyYKY7W704yFSfV/MXP028e9MDb1zxFZ+GdDvtW1GUQ2dlC08rEZJUDOAAeT0rkf+Ei8ZTeHV16DSdK/eJ9oGkkyGdYiAyjzNwUybWztC8kYyKPEHg/xD4v8A+I9C1bVNPnur63ZLWaztGgSNxgqGUs2fmUc+hPFLofjK8/si0sJ/D+rWmuQwrayW0kDCBJFwM/aOU8vAyGBzyRg0CLMfjDU/EuqaxbaBDYRWGlz/ZZbrUSxM1wF3PGioeFUFcyEkHkYq54I8cQ+MtJuJUiazvrO5ksL6xLbzBPGcMN2BkEcg1y/heKf4a6t4nsb2yvZbHUNTk1axvLC0aZJUlUbo2CZ2srDjdgH260/wP4b1zS9O8RaxBDb2es69qj6hHbamWKQ25wERwpyHI+br1/KgD0u3uDHx2/Wua+InxAtPhv4bOsXkMk6+ekIij+91Jkb6IqsT/u+9QW//Cc/aoRcw+Gza7h5zQSTB9ufm254zjOKxdW0+b4ieLNTso7yTT7HS7VrLyZ7MyCdpgRO6g4+6FVM8/eJxQBvePvGh8G+FbrxBb20erW1uYy0Yn8tpEdlVWQ7SDy6n6Go9E8cf2j4s1Dw1fac2navZ2yXo8ubzoZoGbaGV9q85xkYryDUdYup/gBqfhm7S8fU9MljsEkFtMv2uFLlGjnjO0Ajy1wcHjAr0eS00TwHpeq+MIfteqX11bKqXV0zSyyAcpABj5F3ew96AOg0Hx9p2ueLtd8O27E3WlJEzOf+Wu4kPgdtjAKevJrpJGA4HevB77Sr/wCGuoeD/FV1q1tqcEcz2N09raOkssdzmSWR23NvCsS33R1+le3wzLdRpJE4midQ6MuRuU/XpigZajkC8ZpXuN3Q1XZT1pu/b160ATS3G1QM805bg+Xg9Krqu7OaUjkelAE8ch5IqRVzyetV1GDxUjXCK2zPIFAD3bb14qBmG7A5Y8gcVMsiydDz7dq8+bVtc8aaxqZ0bXU0HRdPl+xpKtslx9pmUfvWyw+4p+UH1U0Ad+rFV6EfhTTOU4HTvXjn/CdvHGQfiraHqP3miIpznGPu+tWNE8Ran4gvPsel/E/S767KF0ij0qPLAdTyeMemDQB608w5xn26Y/SnLcZUg1ynhHXNQm1HUdE1xreXWLErKlxbx+Wt3bP92VUzxhso3uM8V1Hl0AKso7UjNk5JpjYH09qYzYUA/e6cDOeOcfjQBMbpeFPX2qNWefr8gzVWNhkODwejev0q1HL8vPpQAm51kwTkVKsg5OeahYA4OeaYx2gmgC00nGaiPPSljZWUAHtTZV2jg80AJv7GhpBjFRfMvJxTWlGcUwGN94803fSM2DUe4butMCXdmo5Gx0pvmfNTHai4EUkhzyachLKearTEs3FNR2Xii4FuSTCgU2NyOtRq/HNGS2eMCgC1HL+VDXAzg1VRtmfWnKQ3WmBN5wzjJP0qTcMZ5qmWKk44FSI7MtMon8w54NPX5uagX5QKmVsYpgP3baZJJ8wpZPTtiq8nXNAEjS7upqJpBUe7rTGHrQA5m5NV5JOaexqvIaABmHWoJZOeKectUMi9qCkLuNQzdOKfu2rio5G+WmMoyMVzkDNQOx5qzJ3FVpF7UwK0lRVNIpqI9KAIZMLnFVpmO01Zdd2aryL60wKbZPWo2XrUshqFjQMiIphNSNhaiY8GgAoqLdRQTc92WUrgDpT1ujnHFRtA23I600QsuTWJJYabdjFG+oFRqkWNjQBJ9oK9uKRrgScdqZJC+PameWV4ApAWkm2riniXviqqI1PUP6GkBJ5hBOD1qUS4j45qHy+MnrQuc0ATecdppFnC54qGXIHFVElaQMc8g0CZfa55wKmRt65B5rNj3K/v+lT2lwzMc4BHpQI0OcCoz8rZzTvM3Rn1xVVt27mgCx5m7imtJtwKjZdqgk80i5fNA7FhJCcU9mZelRxKV4qdV3DmgQxW9aQSKTikkBVcimIueaAHPnqKRSduSCKeFPSo2kJO2gAyO5471xnjyxuNLltfFeno011pMbC7t41ybqyOPNQDuynDqD79c12A+bcKczEqQxGCdxz6+v5cUCPP/AepW+g6h/wj6SrJo97F/aGgXCnKSW5GXtwf+mZKsPVWH90575H9ODXnkUd18PdRnsxot/q2gSSPc6a2nwLK9k7nEtttJBCgksCMcEjkVej+IUvRfCPihvf+z1H/ALUoA7SW4WOOSSSRYoo1LO7dFUckmvIZdSuvEUy3dtvh1bxcfsdg5G1rHSo8l5gTyC4y495EHY56qX4gmSEh/B/id42+V1NjGQQeox5nNHg/T7u+1bUdf1Gyk06a4C2dnYzgb7a1jPAIHCl33Ngeg9KAO10nT7bT9NtrS0jWKzt4o44UXoFUBVA78f1Oc1c3EZA59O9VYW2Lx6/l7U5Zjv4OD61LGUfFniRPCfhu81doGu47RUby1YAtudVGPTrzitpnZZTg/OAFZlbkHBJH8s1wvxi/d/DXXAVYDy4QeORmZMDjP612RmE1w4z8+eMD8Tgf/rpoB+DjaDge3X8+p/GmkBOBwPQdKCBjOWH+fSoZFfzB1wOvH+NMB+8q3X689asxruXOB09MfyqkzYapVkKqOaBFiRflyAM9Se5PrUXnfMckgk5OOM0LMSMYqCSYK3QZoAtRvtXA6fnTppizAsWY5zknkH2PUfhVBbo5xjFTLJuGM0ASbjlSGIK9McEfjSq5hwyHZj+7xUYxmiRv3f6UAKjE5wSPTknp7H8Pypy4XBPOPfNRqvAzxUq46UABcOOARUbRgU84Hfio2mAb2oGP3IFAGc0m7NQyOF5pBMODQBaVvl6VXkwspbbxjmnpKWXrT1DMdw6/TNAHGePteubazj0vR3K63qkv2O025Bj4zJMf9lVywPrgVtaDodt4c0nT9OsF221nEIkPfaOhz1znJzXN+EHj13xHrfiS8MaeRO+kWSSOALaOOQBwT2Z3AbnqAB3rt8MNsbfKV4w3GCBgr+Bz+lSwIpo0k2napIPzEqORQ0EDNuEMStjG5Ywpx6ZAzUjARrk9aghvo5Y9wHzA/d9aXoI5nx+txYQ2XiexgM2oaIXnkij+/dWbYWeMe4++B6pXYWmoW+oWsV1azLPazKJIpV6MhwQ34hh+J9qpn5HLL+8I79mwcZPpnJGPc151o3inSvhjql94b1W6a209f9N0qTY0m22kY5iIUHGxw4HsR6VSA9V8z+IZyD2GTXmPxz8dan4I0O2m0pVPmK5nlVWJjCSRnIk4UA7gCCMnPB4rVj+MXg0qwOuxr/vQSg/+gVzXxS1yz1hPANxb3wuPDl5rkYupNxEMu0ERb92OA+7Ab0HtTGbXgn4m6fr+l6aNRuobPWZonZrTyZIz8uSxUMMn5RkkZFdJZ+NvD17pM+ow6zatYwv5clypYxo3AIJx2OalmsbC8u9MlvkCT29yHtTuAIcgghVJ64PIAPHevFPDDa1H8F/EccNnp7WJXUlZpZnSYAO4chNuD7ZoEe9afqFrq1rFc2dxHcW8vMciMcMvOD09MVLdKRG+OSQeBXFeE/E+leHfh34Zm1XUrbSoX063MbXEgVSTEGx1rUh8e+HNTuEt7XXtNup5DhIIbxGd/wAAaAL93r2m6DHE+o38Nmkn+rMj8v2+UDk89+1PsfEuk6tZy3VrqlpPBB/rZI5l2x4GTkkj2/OvPfCczah8YvGzX0S/abGO0hs1dNxSAxnc6rg4yepAGfaqPxb0630/UtAEA+y2es69apq8KvhSFTEZYYGA3Q+pUUDPTdP8R6TrczxafqdreSxqWaOGUFtoYDcAeSpyOR61bkx1rzL4v7tFsvC2raevk6nb67bwRNENpeOQFJIjggshXblenHFd3P4k0aOaWJ9YsIXjO0rLcorLwOoJHeq2AuycrnODVZpEW5aIyKJFAZo9w3KCSBn2469ODS2uoWt9GJbW6guYt23zIJBIA3cHHoOa8Lu/GH2T4iab4v3Xi6beznSLkSwSJCloTtt3DkAffGTyc7z0o3A9iufEekWNx5Fzq9jb3AAzFPcojDPsT6VfMiOgZHDhhuBU5G09CCOCPcGvI/H0X/F3tFxo8etyXGiXUT20jRjfiUfM2cggA49eaTRLTV/hx8K49Nv5ZXv55Wt7eOEtIYVlfogGclEJPA7dKVgPVI5kmRZI2WSJxuSRDlSp6H3zS15Z8E9Z+yrqvhSR53fR5RJZvcRvHJJZy8xkqwBG05X8e1epbqQClj3qRG3JgmodwpFlGRVICcKFpG9qa0w2+9NWbFMZYVQy81LGAtQLIp4p3mbRQMleQZFKzKwGDg1Tabn6U0Tcbu9NAXxk+tI+FXmqizP3NP8AP3ccGmBKqjrTJVHNNjk9abMx7UAM2jcPTNMl29qZJcCNcHvVYXQYHkE9qAJWzTJMDmmFjt5NQSMSOtBSCVh2qGQnj0pGpjSEDHFAxsmOfWqUsnXNTTMcc9aqvmmA1m2ioXYmnt2pjKGUkUwIGkO7FV5lJySalZfmJqCYmgZVdvmqNmqVkyahkj20xkUnzGmMvympMUjGgGQc+lFTYFFBnY96XHc0wsM89c0ySTaM1X87dOCQcVkIvLilDjpUCzAnGDim7snJPQ1LAt7u1JgM2O9QLNuOKfI/lrn0pAWFj29KMbapLeeZkA1JHccY6mgCxJjbUZwoyOtRm4zwaja45AA4oAJGLbgOpFRLC3knPBzVoFcbu9M8xWOOnNAmLtbyxwM0lvGNpJ60/eDwTSoQAcc96BEye1PXGeetU5JucjipI7gkdM+9Ax15IFAwMn0FFqd3J49qbJg4Pek3beQeaB3L24UjexqrHJvz2NTbvl60CA88Z71Ivy1GrDp3pDId3PT2oETbqgk60olBNNkYUAEeQx6USOeOBULSMjDb39akkk3YA696AGEZ9j655p0bfN1OenWo2bapJqv9qUtjpQBbkB5AJ59zSpGSxPqSfYfh7ZP51W84hc4P41Msx6e1AE+QmBTuFwcVU+0YbBFS/aV7A5FS9QPPLqSTx98QfEHh26keDRNCt7cvbW8hiN1NLh9zspzhQBgAjnPWuZ8W+JtT0XTPiLoP9rXzXWh2UWp6bfJMy3GyQZMbsCN20nv1Ax713moeFL2x8XXPifw/Lai5voEtb60vFYQ3Hl52SK68q46fdIwKwtZ+Geq61o3ivdd2c2veI4kt7mdldIreBBhY4+CxA65PeqAz9f8AGcNwngex0jxHqS3dzqFta3qeZIrSROjGTcWGCdwA47E/WvXlXkclioC5f5ice571wfibwpruu6f4PSFtPWXRb2C8nUyvtkaFShWPK9CW79DXdLnq3ytgZXOQD9e9Ahzc09M96jZiuCcUrTfLxyfagBXZs8HFMEZdssQcUJJkgEdTUqqFagY3yeuDzVV2YPt2kH17Ve30cN97mgCKPKr83U1LGvy4PNRyjcFPTBpyyYIFAErfLzQrFqRmz9KVWFAAy1DMPl4FSswqNlO3PvQBWkztGeKGHl4BHBqf5T97k0cN1FAEMbfMKs+YV5Gfw60xVVTTuKAPN/F+jwWfiieK7bZoHixPsF2VG0Q3qjEMoA6F1Xb/AL0a+vO54B1681LSJLLUWA1rS5BY3ysfvsoBSYZ7SKVb2JI7Vs+ItBtfEmjXelXefJukwXH3kbgq6nsysFYe4+orjPBVvfavrK6s7iLXbCN9H1632E/aHTJhlGOBkNvB9JCO3AB30itt5NUJUEeHBww7dBWmVZVAI5xyDkf0qndK5icxsolUEpu6bu2fagDgfFWuNqHiA2ryCLRtAQalqUwfbudQDFEfX+/j6CtTwFpt1Nb3viHVIxHqursk5iY/8e0GAIYgO2F/Via5TT/Dpvr2x8Lzut15cg1nX7leRPO5DJCe+CecdljA716w3r756fp9On5CgBFXzlwFXOeu0GoNR0DTda0u507UbGG8tLjiS3dflI4AwB0IxwRg571ZQjHHHeo9QkxYXjBiriByGHUHaeaAMSDwBpWm8J9skdUKRyXN3JI8I5GULMdpPAyOaraf8PdH0jSL3SbX7YmlXjPJNbfa5CCWJLgHOfmyc81Z+G97PqXgPw3cXUnnTTafAZJG5ZjtByffNdK0a7sA8UAc9pPhmx0fSbbTIYTPY26hIkvf35UAnABfOODjj0q3b6LYW0iSx2NtHKjbldIVVgfqBWm6Y96bgMeaAOf17wTpviC/ttQ33On6rbp5SX9hMYpvL/uMRwy/UGhvBOkz6TdadeRS6hBdHNw1zKzPJj7p3dQVwMFcEYroVVfwqVGVRwBQBytn4As4L60vL2/vtXntB/ov2+fzBB8u0EDA5x3OatXfg3QL+6knutD0+5lkOWeW2ViTnPXFbjN6U1vmGKbAwpPCunR6TeadZQjSoLpSHaxAibJGCw44JHFZ2r+A9P1rwj/wjV1LN/ZvlrFlGCybVIKjcB2IHPWuqYdPrUZUbjQBxS/DeC117T9XbV9SuL7T4DbQtNKhUxN95WAQZz3PWr+oeG01LWtP1KS8uEkst3lxRlfLYsNpJBB5xxxit1yxZlJyCaQxmmBy1x4KtJPFMHiNLm7g1CGH7KFhdVjaHOdjDbkjPqa3mY7elSuuM5ph5GKW4iDe1KuaUrtoVucUwHrk9qdtNOXHFP47UxhGO+KSRjT1bb2pGAagZWVg0mKlUHYeB1pY4V3E96n2jG3tTQyJiQg4qKIN5hJ6GrDLikLBVOBnimA3GGodiRimxyCUnHBHXNNkkGcDrQBBeKfLwBljxVKztTHuZiSc9K01w3WoZlK528imBBJ6VE2elPDkt8wxSsBjOR+dFikVWHzCo5IyxyKllb3H51A0g5APagZHJHkc1TmOzI71YebjrVW4fjPWkBC7ce9Rl8U1nC896jkJxmmAnmfNTJF3UxqazFV607DuNkG1qgmxT2kqGboDTKI9wINRMw5pTgKeah53ZoESZHvRRn2ooFY9zlXcpHfHFQ+XJ0P0qYSd8c5p3mbugrIzI0BVeaNpOcdKlyO+KTqeKlgNjyrdKdMPMUjv0pcbT70v1HNICqsLr0FSeWwwcCpt3YilL9BigTK+1mbIpdrdxxU7e1RyMV9aAREZTHgN3OKjWb94Rtp0ilpARye1NgBMx3cUAyTzD+fFTowjwD6VXulLIpUfNu7VOqlVUkZNAipcSs9wiAHy2HNW7eIJ0zULHdJGOlWh8i8UAKy0m00qtnBNSqVoArSK24Y4+lCyPuwank20yMdSetADoxIeRjFK0jQ9QCKfHJ8vSm3W2SMdj7UAQ7ndshcDrSsWbtUy5+XB4xikY9s0AV9zFgpGMnFSNxJ1yQKTbz1NKD82cc+tAFObewbJ2jtSeWzW+QuX/WrxjV1OaEAVgRQBWlk2xqAM8YpvmGIBj9KsmMZwKjk9wMCkwHogZdx71BMrFgFz15qVXBXinLz1oQBHIxY7sEseSRz9Pp7VJIo2c4I9D/T0qvvG8inMdwxmmBJ5hkLHPX2H1oJG3jhqijbyzjrSnnkdKAHGTcMNTHkKqccYFGB1zSSbSrDPOOlAhttd+Yq7upNXll3YBrPtlWNMNwc8VYVieKALDSbenIpPMOQT0qJfmJB4qKWYRttzkmgZNNMRwDxmgSHiqjSDIBOCanQGgC0kmVOaA+KhWn8evNADmkxzTDcbgRTT69aayhuehoAVZCDz0p6yLnniomU7aZ94c8fSgCz5ynjP0pvnbTUBIpm75uaALMkpbkda5PXvAtjrWrPqaXmpaTfyRrFLNpl0YfNVfubhgg7egPXHrXSnmmsMdKAOQXwDMjDZ4t8TA/8AX+D/ADSmL4Fv5GKr428RxHphrmNh+Rj5rtY1B7UyeAht68GgDG8N+F7fwxb3EcE895NczGe5u7nBlmfjGSABgYGAB2rcWcNxg1VVt82GbtT4ZDIGx2NAEsmWkCqcZ71zvjjxpa+CfD9zf39peT2BQpJc2sYdISwwA/IPXvjAro+DjjPbmsPxRq+n6TpN2NQRbiO6Bt47VgC90XG0RKp5wScZHrQBi+BfEEfh7RfCvhu7s7p9TbTYmP2ZEkijAUAlmD8D3xXfJIvU9O2K8W+E1ufAviC/8J6wVXUnhSfT7h5CxltVAXyMk8GJgR/tAk9q9hjPY8DFAEm7zDweM0ySQR96NwXIPeopEGM9aAJvNDIDmmtNt61UUFSTmnbWYZ6/WgCys4bil3gc1XVT6VJ6etADmkyvHWovNGfeopGKsTVclmbIpgTySDcTTGY7c+tR/d60xnNG4AX9TTPN+amOueaibK80wLTMCKj4U5pnmfLmmmTNMCSWbaAc1JFcAr71RMbFs9Qasxx7VFAFpZCe9LvqJVyKGwo60ALJcCPLHgUxbxNwy2DVO93SQBR13UsEI8xTIAaZReNxz3I7U/zBjJNQSMI0OCOlJEGdMnpTEMZizkrxk4p+di4PWnSYjUL3JpfL349aBkSzHpihnIUgZFSGErzUbBjnmqQELe/SqEg/eNjpV98VRY/OfSgpEEkeBxUMxOAKtt0x2qvMg4osMrspZTULIe9Wu+KjcjFICnNHuIGKYyYXFWmIqFsMDimgKUgxTJF3LxUjfepjCmIrMlMlX5asshAyelV5fSgsrt0IqNVOKklO3OKi8w4oC4UUzefSigV0e0Kzjcdxp63DrTljzx61J9l46msjMj84tipoXO33pjW5XFPVdq0gE80tJjOMUx7gq33uKNpL9Ka1v8xOTSsASTMeVJojlbbyaFUtwRR5J5weKQmP8/bxnmmGRmbLHik+RfvMMdM1J5IK9cenvQA9ZFbnvUyxhlyOtVxEFXrU8LqFxnpQAPiPFMa4OeDSzMHqORVijyTQIi3fvlzzirPmEgf41WjhMjbjwKk8oKMUAPM23qP1p3m4AORj61GbVWXk5pFsxtxQA+aXaueoPpSCfzMOucDiopbd22rkhc9qmjhKDHagCVbhtuO3vTJbgbSCetRyKxOA1Mkhbby2fWgCykh2gg1Kj7jzVSNtuAfu1PHxyMmgCVm2mm8DBFI4DdKTnbigCRWHNBkG3NQfMM8UbSy4oAmV+eKa3emL8tOzupAIuBmnLzkVGxyTSgfLmgCKVTE27PFMW6DdiPen3ALhRg9eajjTbkMcjtTAI7tdxFT/AGhNvXmqhhDPkDimsBnp0oAsNK/bpULXAVsHk9qk3Fo/SqkuN3B5oAtF1ljIY4PqKZC0sR+9uU9DVcehqZWO0DtQBZkmO0fPz3qLYJKbtXqetKpLZxQBOqrGvXmpluF24AO6qy9MGlVSvegC0snFEkm7jpUIyVFMk3dhigCY7gvynJ96VpPl3A/L7EH685x/+o1naleppdhcXc7gW9vE0sh9FUEn9BXlOt+INUvPhBq3ixdTu7XU7i0OpWZt5mQQx5zGgUHH3cbs9STjFMD2WScD5QcnHI/+v0qo96sKFmbGPxryzWv+Eh0P4fQeI9K8Q3t3dW1kl7cWeqSCeG4TYHkAGAVOMgEEYq83xK0S40ewvB9q3XenrqjW8MJleGHA3FgOytlSfbOKLAegQalDdsVUnPrV9cbOOfevO9N8V6X/AG9p2mmaRrjUoRcWjpbuY5kK7tytjnA5Ppmtibx9o1ktzvu5IvIuzYtE8LiRpwMmNRt+bp1GfpSA64EdzTd6NwWxXIv8R/DK6VFqMmuW8FnNO1tHJLlT5obaY2XBKsDnIbGBzSWnjXQtWt724tNatZYbE7bpi+3ye4znkgj0FAHY7xGvPDYHynHWmSXK7cHrXmmteMb+PxR4IOl6kkmi62bjzI1jB3hYQ6uD7k49sGuhh8X6NPay3SaxZvbxvseTzhgE5AX3PB6UAb8zDzAVGB61JaSLHkE9a5+38Q6VNarcx6xZvbStsik+0Lhn3YCryCTnt1FLdeJNJ0+4a2uNbsbe6UlWikuow6nsCpYH2+poA6NZvmHTB96i1DT7HUvLa7s4LlozmNpUDMh9VJ5BrkW8TS2Piex0+5ljNnqkbSadcx4KsygF4mIJBbB3BhgHGMd66bzH2/eyfagBbnQNJ1G8jvLrTbOe8iOY7hoU8yM+qtjIq/8AIoAHAFU43lxy/wClObzv73FMC9uVlwR+NRM46CqzSS7cA9KhjkuC5yVpAWt2D0qRpAqjufaqEkk2ecVB5027OVxnoKANRbgd+KatyoY56VU8wsoyBSBgeDQBb3ebkjpUDfK3TFKrYAwcVXmkO480wHSNmmb9tRPLTHkO059KYE/mK1MkA21DHMNtMkmPSmBKm1sqDTxsTg1UWTb14pWuBuHfmgC4rLz9KTzN2AKpySHqKdHIWHWgC8rbeDUc7blIqKFvmwTSyE7hQUCKZF+bjHpUyxiTB9KSNRt6mpF+XoaAEMIzk1Jt2rxUMje9RiRm78VSQC3DHgEYNTxt8g5qk3mXE2f4Vq2qjaAaYCSXAQ4JqrLMu7O7jvU00a88VVkjXkYoGMkmV1LA8VVZt7DHTNWfLUIV28VDIoAFMYyWVYRgnmq0kwYA1LIqydRUEkQoGNaUEZXrUUh4poYeYQKZLNgUWARm5qKRvSlb5hk1GwxRYCJuuajZjUknAqB2xTCwxpD61EzU+Q1BIM80FDZMNVdhUjMajJyDmgBu4+tFJRQFj3Lft+tTq3yg1TWrCyfKM1kZEvXvTHb9KPM9KRsbST1oAEahvrUX3celPbGM0AOAC81BdS+WrHBxinmUn7uKhmVm6nrUsRQZt1uQQck5FWLeZpGKFj8o4oa1LR7N2Oc0q2pQs2eTSEMa4bcFGetTyt5aKVJz3pFhwAO5705rdmwCRTESx5ePdnmpIAJEO8Zx0pEQqoA6d6kjQKKQDunyjpTtvrzTf507acdaAEOOgFOVGGDmmbe9S5+QUDEY0zcSaUtmm85oAcvX7tPEY6kU1WNK7cUARSRhenIqvDJJKzbT8oq32z3qusZt92O/NAC2915jOrLypxVndnpVW3jKs5P8dWEGPegCTjHUZprc+1NK4bOKVjgUAJ1o65AIpF5pThWGBQAKvrRyvHalMgamMx4pgMmfDHqRimqy7eRTWmEbGN15PIPanlcqCKQDe/HFQTYDADmrIUr/ALVRsrZJVaAGLIFjO6m7VkXIGGzUaK024lSqDv61cjjAUMeOOKAKbRMrc1JGobqau+XvUDFM+z7W4xQBXaP60sOAamaOmiMqelADWO05FSqVZc4xS7VxwKXaOMdKYBG46ClkJ20qqBmmM43YosBmeINJOuaBqmmoQHurSWFSem5kKj8Oa8t+y3msfs9LplhYT3uqNpf9mGGEAmOdP3bhicYG4dT144Ar2ILyeSPcHBqkul21vqFzfQReTPdNvm2EhXbpvK9N2CRu6nuaYjzPU5vEWs+B08Oab4evbG8ubJbGS7vwkcUCbAjsMMdxxk4xzisbxJ4R1XQfsGg2Ok319okOiG1t5rIBN1wGYHzmJ3BMDdjvk/SvcMDaQSfXqR6/41GylV6k85OepPvQB4reaRqdr8HfDerLYz6br3hqOGeGC8TBfYBHJCcEja4GAM88euK0/Eljqvhfwz4bQ2kt3O+oibUby1g8+4tpHBZ5UXsTu257AevNd1rHgSy1vXrLV7iW6L22CLQTEW7sG3BmT+Ig8/gPSt7yXXJVmT/dPT/H8aYz5pmSe18G65p9xpeqLO/idb2L7XaSEtF5qOzZx12KST3yRXZTXVvH8QPGdyyu9tc6JFEJJLZ9kzgSFlGRycMo4x0r2lVG3G3aOmB6elDK+3AkbHpuJqXdiPmHVGudS8G/C7T9PvG03VLeGeLzgpzFI9uEAfH3dzAjPGAxxjrXVSeJtB8WfD3SrWSaTwpqFpeRxsyx5FlcxiTErZ+/E7D7x7svNe4bcAhskE5PueMGmNFHJw6KwPX5Rzzn+fP4U72A+eNc1k3nw9D6vBZW+o2/ia3/ANOtxiC7IkUvcRg9FKjnB45rY8Z32ieKvFE3h2W7s7PS1f7ZrV5OwVrhuCsKn+Ljk44Ne1NYW7RiMwRGJfupsGPy/wA5pn9i2UwCvZ278BQXhVj+opXuB5j44aGeD4dtpaKkT61byW8cK42xhCSCB0AUrXqkY6Z+9jJzWP8A8Iz5viKLU5nVks42isbZE2rBuxvbHdiBjPpW8qALzyaB2BQNvTBpytimSHbjFLzTHYd5XOSetIyKnbmkwV5JpHlPagQ1lz1qsYh2qyPm60xl2nrSsBCy8UzbnJqRgWNIVC8UWAQMeBTHjwct0p4XkU2RW3ZzmmBBKpYjA4pPL45qRs01kPBzTArsgyccVGy81ZdB1qFlFAELLwTTQpxUrCjtigRHnPB6VLGv93n60zy/SplXavHFAEKzjzCvQ0/zPlznvUXkl5Dx9DSwoeV6kHvTsWWvP8tRnoaaszNnB4qKSFpMU5Y2HAFNIBFZpnwDx3qxCvlsRyfrUcMTRqQB3zViDLMdw5pgPxj2pc+vApzc8VG0fy8UANfqfSoWUZqZkIXmmSDb9aRSIGG2q7LuyKsSH1qAkDJ70DKzR4amSVM7c1C5FUgK7RjnHWqZxtYEc1dkYjpUA25w1AEAXjmo5MVPLjtVaQUwIpPmqu3zVYaq8nFAyFx81RSHAqRzzzUL4NAyFmqJmJYippF2iq7cc0DEopu40UAe5L/SnN92iisjEWGnSfdoooAb/wAs/wAKcv8Aqz9KKKAKzfeqX+GiipYAv3h9ac1FFITHL0FPooqkII+pqRaKKTAWhelFFIBacO9FFADKbRRQA8d6a3aiigBw+7TP4zRRQAq/eNPWiigBzVE3aiigAWnLRRQAp6GmLRRQBWvPu06L/VCiigB6dqTJ3NRRQA4f6sjtSL92iigC1H9ym/xUUUAI/eoG70UUAC/6upU+7RRVIBy1E/36KKYDR1NH8P40UVLAY3Wlbt9aKKaAf2pKKKYDmph6iiigBaRvumiipYAPu0n8J+lFFIBPSnt90UUVSGiKTtT/AOCiimMZN91aioooEx602TrRRQIY3WkoooARuhqOiigBknQ/Sox92iigBJO1QNRRQAxqSiigCRPumn/w0UU0A1Kf/wAtx9KKKY0Tx96F+9RRTGPpv8TUUUAPWnN2oopAQynpUUn3aKKCyvcfdX61Vk+9RRQBHJVd+9FFMBj/AHaqN940UUwENQSUUUAQtVeT71FFMCtP96oGoooKRHL2qFqKKBkdFFFAH//Z)

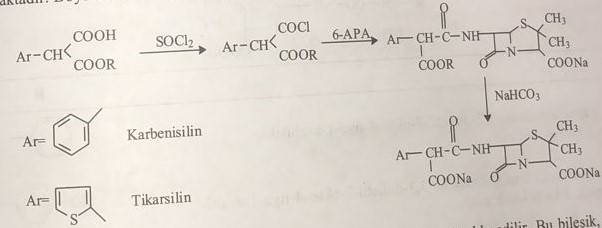
**Производные карбоновых и сульфокислот**

Эти соединения вошли в клиническую практику как производные пенициллина широкого спектра действия и парентерально эффективные, особенно против нозокомиальных инфекций, вызванных Pseudomonas aeruginosa. Карбенициллин, сульбенициллин и тикарциллин являются наиболее важными производными, вошедшими в клиническую практику. Эти соединения получают присоединением карбоксильной и сульфокислотной групп к метиленовой группе в бензилпенициллине.

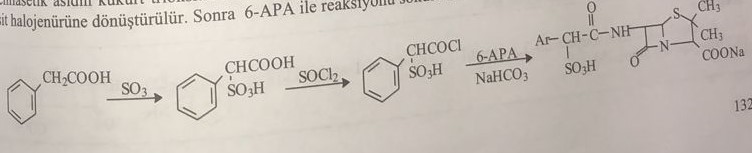
![Diagram

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4S8IRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjE0OjMyAAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAMwMAAAkpIAAgAAAAMwMAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NToxNAAyMDIzOjAyOjI2IDIzOjU1OjE0AAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAHVsAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgApAEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A66Cwt7eVpNrT3BOSx5I9PpV8LMw5YR5/u8n8z/hUGxKlvEPvAsfVzmrcYVQFAAHYCgCYZz0qZQ2OlICQA04KaBjth9aQqfWgBMHFMYN0BoEUY9Rillmi2SK0LbW+XIPJHb6VFLqlvCnmSllj3MA5HBK5z/6CaBkrXcIJAlRmDbSqtkg+mKjF5AwyJF5OBz1/zzQACZJB8jKyn0OajaGHqYk/75oAhlFtEu52KDOOGI/kaTymBys8mPQgEfyz+tACES9njP8AwE/400tOBzErD/Zfn8iP60AN80/xRSL+Gf5ZpDNGOWbaPVgQKBgrpIMoysPVTmlxQA3FIRQAwrSFaBjSpzTSDQBoqoUbVAAqRVPU0yCZUqwi80gLCrUoFMB4FL7Uhi4oxQAxqaRQIiEUSuzrGqs3UgcmqDQWss9xFIqFQRx6FgQfzyfzoAnlhSZQHBypDAjqCKqSabA6kNvxnIGenOf580ARRaYkLKfMc4Ur1IP8Pcf7v601YHd5gt1OoV8AAqeMA9wfWgZGlms9ri5LyFwN244wfbGMVDN58FykSEtGwLFiMsoBH59f/wBdAFf7GiyqYrlA0Z6DAJ57+p7Vorv8tdxG/AzjpmgBCWzyKQnHagCJ44pDl41Y+pXNNMcXbI+jEUDGtEc/LNIvtkH+YNG2btKh+qc/zoAT98O0Z/Ej+lNLyDrCW/3GH9cUAJ5w/ijkX/gJP8qQzR9zj6g0DNUCpVFMgmQVOi0ATqKkFAD1FOHWkAd6Q/SgBpHemGgCM5Has/7Eo1GS6LE+YBlSOmNuMH/gNAFrd1OKjLg9RigCpeXQt8AgnKsc+mMfrz09qhhsfKVt8zu7sWY7jj8vp/kdKAGw2ckKFftUmM8YweMAYOQfSmbJlv4zJKrr5TgYTBzlepz/AEoGRyadG5BDuNpyADx94N/MVLDG6xKrvucAAn1NADsH1pDu29BmgBuDjkUzA7igBhwTjFGB6kUDE/GmHdnIIxQAHf7UjFvSgDXAp6imSTKQBknFKLuEHCvv9RGC5H5ZoAmWZm5WCQ+mQB/M1IJJj92Dn/acD+WaAHBrr/nnCvv5hP8A7KKNt1182Ff+2ZP/ALMKQC7Lr/nvD/35P/xVKUuv+e8X/fk//FUANKXX/PeH/vyf/iqaUuv+e0J/7Zkf+zUAMJugcbIW/wCBlf6Gmk3AOTBH+EpP/sooAYWlznyG/wC+hTDK3e3k/T/GgCJ54s/NHKD/ANcWP8hTDcWxOPORfZmwf1oAX90R8rqfoapXUNwzboHIAXjnoaAKjf2lG3yqrru9vu8/r0/OrVuZXt43lXEhX5hjHNAyUZxyKQn2oAbkUmQaAGkD2pCBQMYUHamlBz70AN2YPWmkNnrQBpecXXMK789GJwv5/wCFLETcL8tyCOh8rH8+aZJajtolH3AT6t8x/M81Zw3AHAoAmUc5NPaWOJcyOqD1Y4oAYL60JwtzCx/2XB/lUn2iNhwJD7rGx/pSAUToM/LLz/0yf/Cl+0J/cl/79N/hQITz0x92X/v03+FMNwnXbL+MTf4UDIjdWyklpVX/AHuP5037dZk4F1AT7SD/ABoAk3qw+Rg30NNcZFAEQXk0hUUARNBERzGh/Cq0lvDkr5Kj3UYP5igBhs1X7kkq/wDbQt/6FmkMMg6Tsf8AeUf0AoGMKzL/AMtU/FD/AI0zdcg8xRke0hz+WP60AHmN3gcfkf60nmL3jkH/AAAn+VAEbXFuvLyBP9/5f50qlHXMbqwPdTmgAK+hppU4HNAxuGHSm5fPIoAhaLU52Z5roW8fzKuDgtn7vFX9OthYxtHAJpS+CzSHAyAB9e3YGmQWjfRqWWS7t4toO7J+7g4PJOOtXEgyf3k00n/Atv8A6DigCcW8X/PMH681YigiTlYkU+ygUgJznFJtPXNAxSvvTgCM0CDtURX3oAQqcdabjPXnigCFreFjloYz9VFRNaxc4iQfQYoGRm2jA4Rl/wB1yP5Gmm1HVJZk/wCBk/8AoWaAGmCVRkXLt/vqp/kBUZE//PSM/wDAD/jQA0i4xwIm/Ej+hpjSTr962Lf7jg/zxQMjaUH70Uqkf7Of5ZpPPj77vxQ/4UAZ9uiQaldTm+RknIKxFsbOAP6Gr5+ZflOc96AFxUTwxsctGjfVRQBA8UYbHlD8KhuWhtrWadllKxIXIVzkgDPHNAEVtKLmPzI5Z0jP3c4OfzBqba44E5P+8o/pigY43zSSPFZwM043oZG52lcjn6kfTkU42OqXYU3N3HCo2sUjHAwQT/L1pkDY9H012ZZJJbyTay/NIAGDHJHH0rVl1hLeFGETsxA+RRnHf+QNAFiPUJpZtiWkhXeVLZ4xjOc9MdB+I96lhl1AwAyw7T5uG2tyF9uPXjP40AO8q/e1QLuRwzNh3BP8WASM5AO3oc8UyW11SaKaM3KDfHtU52lTsI7D+8c/hSAumGf7SJjIgAQjOTjqOq59B1z3NVI7XUo4oYzdRgKNrHOSeeMZHXHFADRY6itt5KXiEAEAtzj5cDnr15/xpZINQ2vmZSdvyAN0bH0HGcH6dqAI/L1kHmaEjHX05+g/pTQdYWRV2xMmVBYgE4x8x6jvQAzz9VV4i9oAMHeAQRkn654H86mM16Z482uIzGSwVwcNkcZ496BlL+07hLdWmtmD+WGZRnIPGRj6n+fpVuO73zFCjAbVIypzkkjpj26+9AFhulRd+RQAgpGHFAEBA3deaTFAFB9RgE0kMuVKtt5BIPT06daIEtrmISpBHyTztGaBjjbrnowHsxpxgGOHkB9d5oAiMEn/AD8SfiFI/lTGhmZSrSRMpGCGj6/rQA1Y5Il2qkQA5wBijMv/ADzjP/Aj/hQBaYSuJEjAUDcDj5QDnIIOOvrUDWMSuv2u8kbhQqAn/ZGeevOPz5pkl23+yRShYEBVj5e/OV+7nHp7U+S/uRbK0KxglHb5TuAwcDB/XpQA4Xup7SVtwAGPzuvUduMip4xrbooJiViq7iMYByM468YzSA0PIu2mSQsgYKfmGcD2K55+uR+lVFsdRSNI/tSALkAjI47DpQAPpNw9rLbrd4ieNk29cZ7/AJcYqV9OvJdu+7yAckEcH5SP5kH8KAHw2FzDJdMLgETEsox904AB/IfpVYWF8QnmXu5kMZJwQTtIJ/PH6mhgabbcU3igBrYqI4zQA1lHJ4yaQCgBrrUJ3Z9qBiZPXFDdKAIGI3cijjHFAEEsEUn340b6qDUccccI2RqFGeijFAxx6/epaAGkVRubVp33ArnAHzLnoc/r39aAK32K4VmxOwDNnhj8o+X5R7cH86twB0gjWTlwoDN6nHNAE80V7dS4z5EascEHn0BqRdLtlYS3ErMQScs2ByQf/ZRTJNK2s7eLJjRefxx07/hVpIwBjt6UATjAxzU0eMcUgJR6UjdRxQAo6dKUHigAqNu/FADMAjkU35SxGOlADWUZqNgOuKAG7RzQBx9KAGkZFV2TnrQMXBxURDd6AIXDA9KUdOlACEVE4APSgY3appcUAIRxURU+vNADSD60whuxFACz3Opm7kjggVkAIVscZ5xnP0H5019Iub0Fr2/OBnKoOF6/THBHbtTJL2mvZWY+zW8xk8wswZmGGYbVwD6k4/Wp5tUW3ttxibzihYIvI49CcZ6jpSAmi1CaVwEsZdvBzzznHqMZGe/pUyy6h+/HkKFBBQ7uQMnIAGcnAB69/agCXbfeSwiDA+aD+8I3bcjOPwyaQf2meFZAoYA5GDjHP15oEJFBqJlieaSLK53H1HzY4AGf4f1oNpem2mSJo45GlDoC5YDBXuRxwDxg8mgY2a01SbzA1xGq+YHjCkZADKQD8ns350xrfVxOj+fCyqcED5cjnPY+35HnngAjlj1YRhomjM+05JPyngdsdc/1oY6uCTiMgcgDHPPQ+n+fpQAwyauUfdCn+yBjJ4Hv65pI59SFw4lt1MZkOMsBhdo/r/OgBDc3wjYtandvPTBG3BxjHvjnFLBqMssoQ2rbSSC6HcMg49MdvWgCzBI0sQLKVbHPGBTW27jz0oGKB8vBprCgCFlOetNwehoAqXMlzEzmKEygRkqB/e9KqPqEwdlNm7FWwdpzj07cUDH2d59rZv3bIAqsNwwec8H8quUANNV55khZN2SXOFAHXgn+lAFU39qAx8wgBQx4PQ9DU0bxypuR8jOKAL0kc8rOhO1fmXc44IPQAZFVG06xiLNcSu42l9g4AHzEgeg5PfsKZJftntIZd1vEgVSUaTcflzkn8MiplvZWCCFEZTIULJkgAED8O/5e9IRDDqGpfYw/2bzSULh9vB68YFXQ+sF2Cxx7SzYbAGF2/LxnrnmgC0sV44tzIYy6HLNuI7Y6Dg/pUX2PUhI+24jCtNvGCfu9xQAkel3sedt6w3MGPfJ24P68+9LFpt1HFHE1yGRRtIwcEbgR39BigBbLTJ7SWJmuA6pEI2G0jdjoev1/Oojpt/n5r4sMYxzx16c+/wCgoA0lRlQAnJFLg+lAxhFRtu544oAjOQvSkGPTFACHgE1AQG7YoGJwDgUpHHNAELAE9ab075oAaajYc8UAMwwNFAB9KikiSUDeoODkZ7UDKrWkBzmBeeDx2p0cUcK7UjwvpQBansry6lbzJxHDvBVV9Acj056U9NKsbcb52LZG0tI+M5BGP1NMk0baG2U7oVQ49OcVcXntSESrk9qlXrQBIKUgnpQAKCO9OA4oACKjYc9aBjce9NP1oAQ0xulAEJ3fhSGgBCKjckHgZoAaOe1BFAyCTC9jTAFNADSO1RkDrQA3Az1oC4XGaAExSGgZGc59qjIb2oAWaTU5ppEiTyo1lI8xsD5Mjke+N3bsKgj0aSaJEutUYxgAbFPB5469/wAKZJpaZHp+n74raUuHcb2LggEgsPz5q02peXEN0ZWViwVeo4JAOfwoEEGtGZITHaykyAHOOBkHg+h47+tWhc3vmT/6KwCjKc+w/M5z0PakBL/pbR3PlbiSn7ouV67TyPxx1xUGNY2soEYXa4HTOei85/GgC0sV0Yow+dwl3ZWTBxuJ59eMDFRSwal58kkUqjcuBzwDj0PbOaAGzw6q4ISVPlkBXJxlcjrgdcZ9uRUc0Gpm4SQSJtWQkjdjK88fXB/SgCMw6swYmdVZcGMAjBOD97jkZxStHquSQ8ZXIwBx25/XH4UDIz/asbBYVV0A+YyHnOD0/wDHefrTWfWAwbyoiSxG3jgcY53fX/PNAEBn1ryiJLWPfsUgoRwT97+I5x196ebjUjZSEWoWdQQuWBz6HHf1/SgB01/cQzYNo5TbkYPU5+mM/jTVvZpAzCB02yhDvHXkdPzoAtqzMA20jPY9RTjQMjbFRmgDOuILw3DvBNtVgMAnp+BFFqtwglFwQzM+Rg5AGBx+YP50ASkAHpTgcnFAAao3jzo/7tSVwCMIWzzz09B+dAFL7Vd7yGi2jdgMVPTj5v1PHXij7eftQQgmMAZYKevOR+n60DNyaGSSRg77E5AcnseMY/z1qq1jYo6md2ZiS2AMAng/+y0yC3bvZo4NtFvw0QZmY5G4bVPOe3f3p02oSiOUW6RSvHJhVRs5GM8++cD8aQD4b7UfOkjW281PN2rJggBcfTnn0/pTra+1e4torhLeIrKiMAOMZ5bqfTFAF8rey26iRSGDggxPtPXPIzjHbGfwptxHqgecwvF86jYTwA30OeOn6+tAhVttREvmLcLyoDg45Oe3y8cd6YlpqqwtF9phydxBxxz2xj15/HGOM0DHCxvlvVmWWIRhydmeSCxJGcfT8veia21F3k/0iPyyzlQewI+UdOxoAsQI6WsccrbnVQGbOc+9PxjjNAAajJBJ9aBkZ6UzNAAfcVDITnjjFACBj1zQW4oAickjimbjQMRmqJ2OeBQBGWOelAOT0oAcTTaAGMoxkioTt9OKBlm40+e5mZprkiLPyouenPXt/wDq60+PS7JHUvuZ8/KWfHOMdsZ4FMgmMlhYyop2xs5VFAGBk52+2etXrWaC5hWW3kR4jnDIeDg4pAWlwFCgAfSpV6daAJAeKXNAB0pSR1oATORTD60ANzzTCaAEb61EcZoGMJFM4oAGOBmoi249aAGE/pS5zQBFLIsYLOwCgck0zzI2O1XBO0NgHsehoAjE0b/ckRsYzg+tJuGN24EHoc0DGHk8nmnAHNABgU2gBpqM564BoGPmGqvdzJGRHDu4lZh93B4AweQcckdKqDSjMim41YmMKVG0jAym3gk4z1P40yB8Nho8EyjzHmPmCQs0oAVlPU4x0LH+taVvc2umWjosPkwxuQqoS2R1J/U/lSAfHriNGSsLs4zkL6hgPw696uJe3JvfLFnKYdgIPAJJJB6nGBj1zzQA2zubqSKOQM0u6BWZWXC7jjoQPrx9PenxTz7pN/2hlZF2gKMBsHOD1/8ArigBZH1HybdFiDcDewbnPHXkcdemajjOqqqhoVOQSfmGVyTx97njGPrQA2BdXWzhSTYZBHtfcR1CjvnuaSQauSMbPlkYjkDjoufbrn8KAHxHUtziYptKDBXAIOP55z7cUwx3oitkznay7/m5wDz360AG27PkEhsgklg2BjH8QzzVR5NWjbasCOPMb5iQflwcfxDv+lAEcj6usEkaxI5y+xt2Dgfdzz3P+R3JbnUMqxtiuDwFxzyvB592/KgBrXepnbmyAyASc5xwMjr9fyqN77UPLJFkwOwnjrnOAPywaBixXl21w6PaSFN+FPTjA9ff+daOMUARzR+ZGy7mXcpG5cZH0zVNrFZEYPNKcxlAQQpA/ADmgCv/AGMADtuZVLLtyMAgcdPypraUwUhbqRckn5enPbrQMjOmN5hf7U/PHQ5x2Gc9qvwqYokjZy7KoBY9/egB7Gm5waAMtrCYx7VuSrYA35OeO/49KI7S4S781p8x/wBzPTr/APWoA3JoJHlyX2qHLK2ckZXbjmqn9l2m9XnkZ3ceXkcD7pH4ce9MkUT6VazKQfnjyoYBjt5GeenpTxrcPlf6hwxG7btyAeT2/wA/jxSAmi1aZjH/AKMz5ZkIUEYIzz9Djj6irNjdXEsEcjtIweAFtqfdfHbj6+vSgB5a/ZLcgttCN5pbAOeOT+Geneoozq6QHhSNzMGbBbBJI7+mP0oAcv8AbLRArJGGZf4gBjk44x1xjPvVry7x4o1kZWYPkkOVIGfbg8Y4xSAjeDUhJMUniw7Bl6jHygHg59PX881EtpqKDP2sFmwXyeCdoHHHHIz/AJzTAhW01NIihuIz87t+BOVH4UsFpew3aO0qmHADLnk4UD+eaAGyW+pvFIv2lASCEI7HPB6elXyTgev1oAbmmEmgBCwqItzQMTcc9KFYkc0ABNNz14oAcOlRMecYoGNIGMgU0EdhQApGajZQOTQAxtvpTflz0oGWbmwNw0hM7YZ94XHA4Ax+n60sNhb23zY53Zyx/DH0pkDVXTI7iRCtsJNwL5UHBOSMnt3rUj2soK4KnkEdKQEqgU/B7CgBwz6VIufwpALg+1GDgUAIc03ntQA1gTnmo9pz1oARgc9ajIOetMBnPrTSOOuaAIcHdzSHOaQCH1qPn2oAcM47Uq++KBkU06QBTIwAdtoJOBnBP9DUP2uIyIiyI+9to2tnnBOOPYUxk/JHSmEENmgBCTSHnrQBWluI4n8t2w2N2ACeM4/nTTdQmSNA4LOAVxyDnJ/ofyoAfqNtqlzLJDDKi27sp3MSCMEHHH0P51XGky3XlmbVpJNg5VDweF98cFT270yRRpOmrMEa4eWTfHx5gJBUbV/+vWzDPDaottgosQCICQS3YY5yaQCQ61ayIrBiQzlAQOMgZ/UYNWV1JXa2CRSlZlJBKc9Afx69RmgB8V27zgAcZcGPYd3ysRnPTnFRR39/84NizNufB+YDAYgfw88DP40AWop7l45DJDKnBwAoyPmb165AH50kkt8scQSAsSvztxnOPT/P0oEVgdU+8VJIfgELyMIP/izTXOquCPKVcMpG0+/I6+gH50gAtqvnSMIkKGNduT0buPpz19hwaYW1NSNkQyT8245xy3v6baBkUjavtLCOMMBgKMYzjrnPr7ChzqhDERp1BUZx/EOOvpTASI6iqsGSM/M+0yPj5c/L0zz14+lRA6ksNuHWPKriQq27JyOeg7Z4FACCS/dJA0aITGCrA4IJB7d8HHXFWYjIVzIqg9sNn8+OKAHGmnmkAYxSigZFPBDcoFlG4A5GGIwcY6j61Cum2sUiyJGQytuB3k84x6+lAFg49aafrxQMbTT9aYFea1imlWRs7lHynPTnNQJp1vE8bKDmPGznpgY/xoA1ZYXMxcuEQMX3Z5Hy478etUZNNtlSMTznA2DOAPujj+VMkETT7dV8uKWdlTzQobJAAyMjI7GtJpY0WTECmPYrhsjDdB/QflSArLqkEMreZaqByMoB6A/lyatJrEj48qyZlAJJDZxxnHyg9eMUAWbe9nmEu6ylhAQMr4yeQc8EDkYHTPWnme8SS1Iid1KESkKOTgc46jnI/GgQxZtTkaGTyQgzhkI69f8AAfnQJdVLljAozHwM8BvcZ+oyPQUhjJotUd5GjjKlkG0eZwGBY+v+7Us7alhPJVVUxjduIyGzz+lABZvMgk+1Sx8sdoDDAGT/AExU7XNuOs8Y+rigCJru1xzcw/8AfwVGb2z/AOfqD/v4KYEbXtoRj7XB/wB/BUZurP8A5+oM/wDXQUgImubPH/H3D/38FM+02fX7VD/38FMBhurP/n6h/wC/gpv2mzx/x9xf9/BSAVbu0HH2qH8ZBTvtVp/z9Q/9/BTGJ9ote11F/wB/BSme1xn7TF/38FADTcWuf+PiL/vsU0z23/PxH/32KBiedb4x9oi5/wBsVGZrb/n5i/77FAB9ptsAfaIuP9sUxrm2/wCfmL/vsUARalNI+oNAXYR+YBgE9OOKvR6LaFFL+YwO04LYwV6dKZI+S2ht5lMUYXAweTyMd6ryX5hn+W2t9xGCxTnH50gNW0heZTIs8kRbqEVMdMd1PpVqO1CtzLK245PIGT+AFICbyU9ZP+/jf404W8ZHIY/8CNADvs8RXlf1NH2eE9YkP1XNADPstvn/AI94v++BR9mt8HEEX/fAoAb5Ua9I0H0UUhwBwo/KgBpNRsx5oAjLsF69aQsSgOaAIyx9TTdxz1oAjZiO9Nyc9aAAE5696kLHFACEnGaQsc4pjGVG3XNAC9qibrQMYGJbFBY+tAH/2QD/4THkaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLwA8P3hwYWNrZXQgYmVnaW49J++7vycgaWQ9J1c1TTBNcENlaGlIenJlU3pOVGN6a2M5ZCc/Pg0KPHg6eG1wbWV0YSB4bWxuczp4PSJhZG9iZTpuczptZXRhLyI+PHJkZjpSREYgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdG9yVG9vbD5XaW5kb3dzIFBob3RvIEVkaXRvciAxMC4wLjEwMDExLjE2Mzg0PC94bXA6Q3JlYXRvclRvb2w+PHhtcDpDcmVhdGVEYXRlPjIwMjMtMDItMjZUMjM6NTU6MTQ8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAMCAgMCAgMDAwMEAwMEBQgFBQQEBQoHBwYIDAoMDAsKCwsNDhIQDQ4RDgsLEBYQERMUFRUVDA8XGBYUGBIUFRT/2wBDAQMEBAUEBQkFBQkUDQsNFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBT/wAARCAG5ArMDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwDr/iFdaxca5rXhGxup7y1/su4ggswwmklcIjo0g6lyWOM9l9q6XSPhOmsT/bdT/wBEtLqe8ll01gC5imiSBVJH3CBGzHvyK9HtdIsbXUrzUILOJL66IM10qfO+BgDJ6DjpV0ssa5dtkYByewGOfoPpXOemUNA0Oz0DTls7KNoYQxdgzl2ZjgZZjyTgKPoB6VolQDknnPfmue/4S4ahIyaJY3GuTIdjSRLstkPo0zEAn/dB+h6iSPQdZ1Mn+1da+xxE/wDHro6hSf8AZMxO4/8AAQtSBqapr2m+HQranfQ2IYfL57bS3pheWP0HNZreJr7VI9ukaHfXSEZW6vGFlCR6gyAsf++TWhpPhXSNCkMthpsMc54a4ZS8x/3pGyx/OtkMzZcklj1OaAObh0XxFqCqLzXrfSoz1h0y2Ekh9jNKcfiqA1bh+HuhyMJb6C61qTOQ2q3MlwufZMhP/Hfxrbj+9VlQN3PHFACWNvDpkYgs4YbSPORFbosQH/AVAq9HhgxJ5J5qCMBe9SrjtQBYjiA5FTrH8tRx5xwKSSV1yBxSAsRgtxnFSbVU1WWR/wB5jHSnBSSxyxOPWgC9BtqdcFhg1TjU7V+Ug1P5beYAoPrSsO5NCx8oFuual3dKijjbylyMVMsZ2dM0WGBYA00SBs09YN/fmj7Ptb1pCsODFsD8aWRiOgyafHHinGPPtQIiHal9amEAPel+z+9A7ESyfMBTZZNobHNTi3prW45GeKAsVll+dlI7Zp6NTjbgNknnpTduDxQIX7zYprNtFPVeaR49xp3AhEg5qNp1jjZm6AelSSQ8Gq8kJdSnYii4DIrwTSAJnBGamkXPPeqc0M9rbyzxRfaHhjYrCGCl8DONx4HTvxXF+GfjJY+I7bwxLdaVfaNB4kLJplxcFHjklUEtGdjZU4ViNw6A80gO58wL97jtUc8yKhJPFTSQny9zRseew6fj3rC1/XLPw1ard6rcrbWjMsZZh8zOxwoRQCWPsBQO5qsysdwII9MUi4Y4NcrN8SvDlj5gvNQ/s6SGPzpYb6CS3aOPO0OwkAKqSR8x45HNaP8Awl2jN9j26lao16u+1E0nlmZfVdw+b8M9OvNOwXNnAB4PNNbrk801XBjyDuHQMDUFw7bkCk9e1IRI2DximMATyKq+bIkmCc89fT2pFuD5i5O7r9KoC03r3qLHfvTWuTtXC5qJrgqucYOfWlYolYjPzcn1pm515R2U/wCycVDNIXcAccZoVvl60WAbcQQ3QIuYYrkHtOgcH86wrvwH4avJPNl8O6aH/vx26xn/AL6XBH51vlvem7tq8cUgOW/4Vzo8DF7Q6nYev2PU5wo/Auw/SkfwvqUK7bPxZqkYHCi7ht7lc+7YU/rXTeaOlNaXcxJPJ4zQBzP2Hxbb42aro16AMFbizlhJ99yOR+Qo+3eKLbiXQLC9P96y1IjP4SIn6mulX72e397IFQkFSQTzn8TQBzLeKr23ybzwvrduO7QxR3I/8hM/FNT4gaAoxc3kunt3W/tZYMf99qP5/hXTHrTlkcDaCxX0FAGRZ+INK1NQbPU7G8H/AExuEf8AkeKvYzwu38CCPzzVHU/Dekas5N5pNhct13S2kZb8yM1mH4f6CoP2e0nsm/vWV3NBj8FYLQBvMijOePbPNIm1en61gSeEbmHAs/E2swKB0meK4Uf99x5/8epBpfiaEfutb06+C9rqxaP82jf+lAzfYE1Ht5rBa98UWwLPothfL0JsdQKk/RZE/wDZqa3ii8t8C88NazbnGcxRR3A/8hyMT+VA7nQMo9Kj6Vz3/CfaGrYuL2SxcdVvraW3x9d4FaVn4i0jUyDaapZ3S+sM6v8AyNAXL4amMueafs8wfLyq8blI/wAaa2V60DIitJ5YPbFS4701qAGeX70wr1p9GM0ARbPlpGWpMEUpXIoAg2mhkK96k4zilZfxoAgZaTbUjLhqSgCFlpjRhvarBGaay8UAVGh96b5eKteXTfLyaCrkLLhOlRc9hirfSkb6UAVMsDR5zemTVhl3dqZ5eO1AXKzOWp/U06SP0FFAxjOFakaYMeKWRdzdKZ5NAC+ZRTPLNFAGnN4he6nltNFt/wC07qP5ZZFkC28GP4XkxweegBPWiPwjHfN5+uXh1d25+y/6u0i9hFzv+rFvw6VvW9vDaxRwwRLBDEMRxRqFVR7AdPw61LnbWhzjQpjRI1UIqDCqBgAewHAFSLjGDUZfbntnrSL8y5oAlyN3Bqdfu1BEueoq0seRUgJHT0yzHmnxw1LHDhun6UAEa5Q1MsLKgxyTxT1j4HFWEBGKAHwqyhc9cc1MIRJ8xp0a7qnWPbTAjW1GeV4+lWo4VHRf0pydKkHNFgEVamRSKRVxUq0AIATUirgUL16VJ+FIdxir6U7jpjmnbT1zT1VfTmlYY1VxzRUiqCMZo8v3zSFYY3ymnK1Lt9Rmjbt5oGJk7qGoWloAgYbmIoVPapto9KaeDQKxA3ymjdmnydelRbeadhDfvcE0wrU23ANM5NICJmSFWkkDFEVmOxC5xg9FHLH0A5zXzJ4N8FX2heHfCmra1pus6lpum/abC90t1mSXS3kkZVvbdTgn5WAPGUzwa+n89BQ7NuUgkFTkHPTnP86YHnlv8KdIeCGS01/xPCjIrJJHrcxyp6Ebye2PesL4m6efDt98ONannur3RfD+pMNQuLg75E3xGOKd8AZCueTzjca9bbK5buSST9etMVd52FV2sNhDDIweMEenPSgDyv41Xmkat8N/FAjube91I6Fei1kt2MmE2qzgFM4UkIQD3z61z/iBtTvLr4Q3eo/2Zc2b6tbiN4A28+ZZPt+VxjGB07FRXcfDc2ninwHHc32laaWu5riK5hitIxFIY7iSP5lxgnCjrWxfeDdB1GG0t59HtWis3ElrHGhVbdh0ZAuNp9x60XAzdcl8ax6hO2l2Wg3mnKT5f2q4uIpxgDh8RsvJFc38TPFXiTwv8Kdc1mews9K1aF0gge0uDcpGskkcZl3FQARvOARjOM16RuxIPlwRgAZJxjp15qDU9LtNasbmwvoI7uzu42hnt5RlZEYEEfXH60W1A4rWvDMPhTRX1bTr7UpJtIje+uI7i/klTUI1jZmSQOx2lsEjZ0IA9K5i11DXdP8AhPaeO5NYnvNQ/s9NYn0+Ty1s5IyodoYwVBB2HAbd1HTmu407wTNYRQWEuvahqGkQ4CafdKp+QdEkkUGR1wOQTk7RzgYrGf4bXT+E7jwlaaylv4XuYntgj2xkuobZvvQI+4A4BKglTtDAY44oDO8c/EC98Lr4U1yC3a/8N6rG0t5AsQE9vD5SOZkIJ3BQ3zL2AJHNWNZ8Yahpv/CRXNpHp2padp+kLrEDLI6PMrCTKbhlRxCxBx/EK6LVPDc51Dwx9ggtl0/St6NFLIUby2gMIQDaQ21duTkemK4y1+F954WTxtbaXvvNF1TSTa6fpe4b7WRhKTAOANgaYkdgCRikO5q3Hj+e1tPBkkmjrM3iSSO3j+z3P+pleIy4O4fMNqnkdxXYNG0agkZGSu7HcdRXj0vgS40nQfhnNH4f1AappOo2jamsMrTLHHHC0chI3FRkkdBnr713+qfDfTtSv7i8XUNdsLu4O92sdVmRN3f5DlR0z07ihlG+wbGApz60bflJNeb+K/D+v+F5vDsek+ONZKahq0WnSrfxwXIRXSQ7hmMHOVXv3rZ/sTx5aqfI8V6TfjaAF1DR3Q9+cxP+uKkR0UjMrnHFQtI/OCT3J4GB681zF9qnjnRLG4u7vSPDupQ20TzSGz1CaF2VVLcB4yM8dM1m6f4b1j4habZal4m1M22m3kEc8ehaI7RpsddwWabh3OD0XinYVyz8SY9Q1Cx0i40eM6xb2l1JNdabaXbRSXcWwodjIQWZD84QHB2mpvh3rcGqeF7e4sr6e/tjNMiteZ86Mh8+TICch487SD6A1rTeCdMaw060tVk0iPTWLWf9nMIvLJVlyFIOR85yG69axG+FNnbwifTtUvrLW1uJbr+05GV/Nkk271mjChWQlV4HPpSGdabhTnJwyjJ5pyzjaCCMnoT2rjtN8QzWuoLpPiKFNJ1lgRG4ybW8UdXhfv7o3zD6A1Vb4iW2oztp/hu1m8S3Cnyp7izx9kt/mAYyTH5SQMnamenJHSnYDXuvG6Nr19pWnadd6pc6fEr3rwMgjt924ohLEZfbzge1V9N+ImkapcNBCbtJltlvNk1tIp8gsVBJxtzkFcDkke1ZS203g3xt4m1Ca0updK1xobn7XbxPcG3uI08p4mCgnlVQqcY5NZEt1cXXxcjuLOeXQzcaEm8XFnlpCt07IrBioBKtvIHOCfekK56RouuWXiLT0vdOukvLV2YCaMEKSDjjP5fgausTuryTwF4mk8K/B/Tb4C1vY7G5uoJ3+0CMOq3LjMYxhiS2cen0r1VmbYRgq3Iw/DcdD+tAyfqpzzTPu8Lx9KYsjxxAt1qIXGetAE0kkveRsemTisvUPDek6sB9s0qwuWznfLbIzfXJFXTdZ4pwdG780DOfk8A6I0m6K1nsW6ZsruaDP/fLAU2TwnLb4W18R6xagchJZIZ1/wDH48/+PV0SSbs545ob73oKB3Oc/svxNApMWuWF2o6C605kJ/4EkmPyWk+1+KIJCsmkaZdjpi21BkY+4Dxj8s/jXRMq9T1pjMOhOc0DOdk8S31nuF34X1aIDq0Sxzj8Njk1GfiBoke37RPcacehW8tJYQPqXXH6/hXRFSg2r8o9qeshVcbiBQBj2XinR9SXNrq1jOM4G2dSTWnuGMhlPoQRz+OcVW1LR9O1T/j802yvPea2Rz/48Kyf+Fe+HeTHpSWZ65s5JYMe42MooA3M7jjbtNL93msNfBqxx4tNd1u3I5XN2swHtiRW/U1G2h69AuYfEwnX/p905GOfrG6j9KAN0tuNDda5+NvFVuxDLouoDsVkltm+u0h6c2sa7CD5/hqSXHO6zvoZP/HWKmgDcpO/rWAvjAKh+06JrVr2z/Z8kgH/AAJNwph8feH1kUPqsNq3dLpWhI+u4cUAdF+FIw9OKo2OvabfL/o2o2l0PWGdZP1Bq4zbsDOCvowJP60AIy0zHNSLJu470jLuoHcZRjNO6dqbk+lAhjLTNuW6VK1GBjpTsVchaOmYxU3rTGpDI6KdtooA6uRucd6bz3oWNjU6xjHqa0Ocg8ktU8cfbFSbdo6U9R6UACx7akjPzU9Uz1qRY1XHepAeq9xUqLSQruU1YVcUAAXC1NH0HFJjnGKmSMbaAJo1zyOKsxrleeaihQ7cdqsRqVpgPVKkVaav3alWmA8JS7KRcnvUiqaQAq4pwoYFakUe1IAHIoK1IF9KOOmKGO5EKmXpUew5zUyrhakLiNTTzTj1pwWnYLkW2j2xUu2olXk/WkFwP0qNutSsOlMkjNAXIJPm5pq07+IjrQ3TpiqEIwyKYy7aetNbliKVgI2phbmnMpx1pNvrzRYQ1mohIE0ZPTdzQy1S1m3kutJvooJ5rSY28hjngxujYKSrcgjg460wucP8G5BH4RubcqFEGt6pCuenF5If613MyqYyoDEYDYZcHac7See+D+VeBfB3xtfXlx4Hs9O1NtbOs2s19r9mtsg/s+R/n+0b0Vdu+TI2nJzz2r0sQww/GJHRDvufDxEpTpvS54B99rUhnVbugGfxo3HkY4PWpjHxuxjtTP4uKLgQyqXzu5B55qPlWJ7nmrL7uOM0yRPbFICuV+UADGMY/DkVH5ecLjgDAHt6frUp4NC/L161QDWz684xVcjOfqT+n/1h+VTTNxUHOeP/AK1BVzivii//ABL/AA3P/wA8fEWnHPpukKf+zV2G0bQOmOn5V5T8XvGUP2abTLK2n1A6PeWOp6ld2yhobGOO5ibDHI3SFNx2rnGDxXQL8aPB8jKJNVksSSp26hZzW+e+MugxxmlYVzqNYjNxpt7EeRJbyx4PfKEY/Wuf+GchuPhv4TLcP/ZVsrL3GIlH9KreLfiJHo/hKDxJpC2/iDTVuEilWzmPmSIzhCYSM5IJzgjpkirml+J7S6vNEtdKhiuNJ1Kze5tb21YCJEjZVwE2jtImF7c+lMXU35F28A5H1prbuuTnpnNStxwV2sQMKcA/XHWmHK8Y5pWKOC+NWlwal8J/E8U8CXCxWTzIrD7pXBJHoQu7n0zVHTZL34Z2dva3Mb6n4Pt1xDfW8AWezQ/d85F4dOVxInOevWuj+J1sbz4a+LYV+9JpN0u3/tk1a2nTi4sLK4RsLNbxyBvZowT+hpiuSsQuGyMAKobOARjIPJ7hqGd1XZzsbJ56c9e9cBrVnFrPxehsdViW50yDQTdWVrMMwtceeyyMV6MwUJ74Y+lY2taf/wAIX4/8MR2c+qSafem/drKGaWXaRHG6LsB+ZASxUYzjFKwju/EHhmPXNLudOjZLC2u1MdykVohEyFSvPHBGQQ3Uba1xGkcKxoMRooULnOMevua86+HfiiWWPxXLrGozPBa6xPaRHUgIvKhCRsgOVBGfMPBGeBzxXfR3AZiyssiNghlbcCrZKnPTkc8UWKJpfmX8Kj+zllGBQs/OCO9TNIAuegpAUmtWDnpTfIbOTxVlrjBGB2pRIGPqaAIdpUetMkkJXHIq3xu6U2SMFcY5oGVJG2gfSofNLMOMDPWrbQjvUQhXvQUJNIVXK88UxZCqDPWpGjwuB0qIwknrQK4eep780nn/ADYHAqKaE7sio1jegLlsPu+tJI3zcmoo9wbBpshPmdaAuTMoA46UzdtHtUM0pwAp5pnmOo5OaBlwPQxZl2kkp/dPI/Kqkd4u4Lg596f9pG1geaAKV94b0a+3G50ixnduryWsZJ/EiqDeAPD8bboNONm2OfsdzNAP/HWUVvbhsBPSms4VhtPagDCXwbHG2bXWNatF/urd+cv5yI1O/sPWID+48TSn0W6sIpP1Xaf5VuNlhu4qH7Qq8HrQBjtD4nhLAXWj3RxxvjkgJ/ANJUX2zxNDxLo1ncHGd1tqOP0ZB/OugSQdjRuG7pQBgvr2pR7vP8MaouOrW/lSj9Hz+lQ/8JtZxkiez1W0A6+dps38wrCujbnnHPrSrI394/nTuBzkfjrw+3ytq1tE46rPJ5TfkwFXofEGl3W0wX9rOMZ/dzK38jWpM3mAq3zKeobkGsu48O6RdZ87SNNmz1L2kZP6ikVcsZ8z5lkBU9MMuP50Vm/8IT4e7aJZj2WAgfpxRQM9GUHNPZaULjFL3FanOIFLd6mVeg703pT0BU5NSwJdp4xUqrgZpitmpFTPU0ASR8dKnX5sUyOMcd6tIoHagBVQ9utSpGT1pV4qxGh60gFjzjAqxGpNRqnNTp8opgPVcdqetNVqkRe9ACr3+lSLTQBz2pEJ/CkA/r1qZKjHSpV+8KAHLSU8d/rTRQwFUZFSBTimKcVIrVIEbKacG4pW+bjpTFXDdc1TAcretRluTUuM1Gye1SAwvS7twxRs9qNuO1AEPl/NmmyLip2NMZd1UBD0pkjfKSKeyEmmMpbIoAj3jgjkUySUD2qXywVx0qJoSz46UCK6zldxbJGcVHfl3t5RC0ccrIQrSruUH3GQfy9asmNgrqKrPHJtXpuB+93FK4rHluj/AAjvvCul+Ghp2tWa6/oaG1N1LBIsV7aMxYwzruJ4PKt2I969Tjk2qoJ9CQCcD068+tV5oTCqqMEDnFNdi6k4O6i5Q5rgySENwAeKmXbtyKpkMd6lfm7E1NGxiiBYZx1pADXSxsN3QnFRtcK7FQTletV7lGZgwGQW4poYLNISOcZNAE+3K5NMUBsnOar/AGhvLAwTu6VLGD5Y9O/tVAV9SvrbS7G4vr65hs7KFd8txO4REHqWPTsPxx3rCXxBZ+K7K7sNG1VrPUpoMwyfZ2WeMPwJUikALDnjAP1BxXP/ABut7jUfA6vBG08On6rZ311bqeZbeKUNIoHfgbsd9tU/HuuHWvFHw5u9JlS9u5tZDFoGyZLF4n84t3CEbchv4lWlcCtpvw1fUbh9IubKSx8EabKHNvNJm4164IGbi4Yf8sjk4BzuPXgCvT5JHkQq7eYnIKkfLnvx6dMetL52WyM8E4bGM55P6ECopG3Nj2xTA5/xhYXd1pESadYfaZUvrW4a3hZIyyxzpIxG7AJwpwPUiuV0vwPdeHPiDDcWDqfDFxb3UgtMg/Y7iTyt6oc/6t9gYAYw26vSVkVflbH40pZWLEtktyff3oA4b/hVOnwt/oGreI9LOTmO31aRgp78SEjB4NO/4QjXbcM9n481LHZb6zt7lR9SFX+ddmzKuAOQDkVE0gYigdzzvxJovjyTw7q8P9t6BqMMlnNGxfT5YJCpjYcFJGXNdD4IkFz4G8NyEg+Zpdseu4HMKE8/jXQzR+csinndGy/XKkVynwry/wAMvCZbqumQL+SBf/ZaBF/XPDljriwNdws09s/mW9xDI0c0LHglHXkZzzng96yJvANh/aWmaktxfRXGnSSzRyGXfuaRQkhk3AlsrhRjjAHoK6uXDNyMigdB/np0pXHY4WbwTHodv4jnee4vk1e5a4eOOyWR4JWQR74xnDALg9O1aHhGxvbXwpo1vew+Td21pHA6gHAwOMe+MZ+oHaulaPbgj5SOmKh5U8ce9FxkK27Hk9aCrZCsCRVtM7eaG+9SApbDuPFIY9vIOKtYOc5o2j0oAotMyPhTuqwkhZST1xTvJG7OKVlA4xQMpSzOcihDlQO/WrDW4bPWoUt9rZz7UBca7lWApzybVyOSeKe0PzdKikjfb8q5NAEe7CndT+AAaY8bFRuWjY230oHYGYBvSo5GTPvTXB55qDy2Lgk96AsTCMdTyaXy1akxkHJp8eMdeaBkIt1bPrmmNbgZPWpmbaaTeCrc9qAGY/dgVEYjtJzUykMBzSswVcCgCNlKxDrWfuYk7gRzWksgzzUfmKzkUAUo5GXJDHrUyzM3I5/Cpm2BhnpSoqHOOadgKv2iQN2xS/am3AHge1WGgWmLZqXyaQCNP81RSXIDZ7dKl+zj5s1D9nO70GaAIGujk8Cile1+Y8ZooKuehrS4HpSr2pxHzcCtTAbjNTLjbjFNVPlz3qRVqWgHIParKLnioVXFSxthqAJ1XbVhWyKiX5lFSqu2mBNHjdzVpGH0qon3qkZtrCkBcXHapB0qGFS+flI47U57iGH5ppoo06/NIox+tICZPvVKO1czefEbwrprlJ/EelrJnHlrdoX/AC5P6VDF8T9CuH22f9pakwGcWWl3M+R7FUxQB2K/dFOGB2rko/HF7cZ+yeDfEU+eAZoYbf8AHEkoP6VL/wAJB4onXNv4MWMdD9s1iJT+SK5pgdWuDUkeN3NclHceOZuRp3h20B6edfTykf8AfMY/nTvsPjl2y+r+HbcHtDp88uPxaVaAOtZu3T8Kbu98/hXMDQvFsn3/ABlawj/p30WMn/x+U0w+FfEEhKyeOtQXPeHTrWP+aNSEdWuc+v1FPDA8Y5/2a5RfBF/t+fxr4jY9CyG3QfpDR/wgbKdzeLvE7/8AcQjT+UYpWC51DMy8Yz9RTlye1csvw7hYln1/xNLn11eT+gpR8ObBlO/V/EZ+utz/AOIqhnVqzN2GPwokVl52/qK5JPhlpWcnUvEWP+w3cf0epZfhtpki4Goa8AP+ozc//F1NgOj+bOcH9KdtbqRxXKr8M9M5J1LxAPprdyP/AGek/wCFcWO35dZ8SIP9nWJz/MmgDp36UKCByMn6Vy4+G9p1XX/EyH1GrSn+hpJPh/uAx4o8TJz/ANBFD/6FHRcDpWbaTx+YqFpPm4A/AVzy+B7mNht8X+JwPR7iBh+sVJ/wh2qjPl+NddX03QWr/wDtGmB0I/zxTG61zx8K+JI1Kr44us+suk2z/wDxNQ/8I94tiXMfi+1lYHP+kaIvP/fMopXA6f8AhqJl64Fc21h42QjZrfh6f2k06ZP/AEGY04L45hAJXwxdP/dWS5i/9lakBttbBiSaXygsfFc42o+NlUbvD+iynp+71dlz/wB9RD+dRf8ACQeKrdgLjwTM5/6c9Tt5P/QmWnYDoXXgk9aj3bvlPIzXPzeL9TjRfN8E6+nqYlgl/wDQZT/Kq58eW8PNxofiS3I67tIlYD8UBosB1uFA6DH0qCSGNmLHqevFcufin4bVC019c2uOv2qxnhx7fMmKWH4neErjbs8R6aGY8ebcKh/In+lIDpDbx8YGNvPSmLAAWGT81VLXxFpV8p+zatZTL3Mdyhz+tXw6yqGjZZF/vKwI/nVMDPezG44xnPcVSt/D9lp87zW9jaW9xJkPNbwKjMDyQSBk81ssvrkZ9v61GQYxjGRUgU/s5WovJbzC3UVfbBU9jVc8dDTuBn3UTSHgflSiEjAA7c1oKmOaNvUYouBmtG3HYVA2fmweRWq6DuKgkhQqcAZouBy3izxdD4N0j+0LlXmfz4ra3t4sb555GCoi57kn34zxWX/wmMHhG3e31nSR4fsLe2klR7RhLboiMi+UpULh8yDA28845xVv4jeE7nxR4fEdkqf2lYXsGpWayEhXlifIQnoNwLKCeAWBrn/HWm6l488I31hp2hX1pexyQ3my9VYlEkMqusAyCH3bGUYyD1z0pgbumeM7a+vBaTW15p19cBpILS8j2vKoAyU+mQNo+bOSasL410Vr99PTUYGv438toUJPz8/IT93dkEbeuAfSuS8SzL4y8T+DF0cym4stTN9etJC6Gyt/JkVlmZgAhbeE285xmuV0+2j0z4B+INI1V0g1TSbe+huUkBDpdCSR4ZR/EWdihB5JPtSsO57VDqEE+9Umid1OHjEoYp9ccr1PX0pu4SHocduP6968p0q11KT4hajHPpNtfX9/4X01r2O5lWJ0kBkWTjGCd2Mj/ZU10XwQUt8K/DjP80htiHYsXJYSOpy3c/LSC52kDHnPSns43c0xYyu41Hyx+bigZYX5vpS7RUFsW+YEk8+tTzSGPAxk0AGOaaVwx+lIr85NMeX5qAH9qjMZ6ik87FL544zQAznoOaXnvUm9M5yBTWYUDIsD0prdaVnC0g5560DuRtEuckVFJCvUVab6VGw5oGV1hDHBpVhCMR29anK80jLigCtJEO1QyW/mZxxVum7D17UAUzCYwMDmmMpXJIq+y55qF4w2QelAFNuV3A4FQJGd+Qc1pJEuOKQxhew/KgCrMqiM7uGqtEzBTk4NaBhEjZYZpr2qMcAGqYFP7QV7mpbeRmVmantZL1xg05Y9uRmpAhNx1BHFAulK46U2WFt3HrUZgLHpQBL5i0VF5L+lFAHoK9Kkpo/rSk9a1MhalU4qL7wHRT+A/wA/hWJceOtHguGtYbiTVL1Tg2umRNcuD6Hap2/8CK0gOnRd1SrDnHGT6Vyh1Hxbqe0WGlWWhRE48zV5TPN+EMXA9eXzx0p8fg64vMtrXiTVNQYn5oLOQWMH02x/P+Bc/TuCwG/qOu6ZoMe/UtStLBAcbriZY/wwTkmsuP4j6XffLpVvquvY/j02xZoj/wBtG2p+tW9H8F6Docm+w0KxtZzz5xi3yn3Mj5Yn8a6PzpZcNI7OwGBuOeKAOYTVvF1+wFl4YtdPTqJNW1EM34pCr/8AoVSDQfFt+2LzxTY2CE8rpOmAsv0eZz/6DXRj72cc0TStHFxnk4pAYH/CuYblSuo+IfEWpj/bvWgQ/hCIx/OrFr8LfCMOGbw/ZXbqP9Ze5uW/OQtzW1HMy3KrxtNWLiQrbnBO9uPegB2m6fa6THssbO2s4+m23hWMfoK0NzsPvnHpmqtupWMBueKs4AXgYoAcoPrUoUtjPP1psPNS0AO6cAUn4Uq05ec8UAIvp2pdmOaOjVIB36ipuJkZBVTtAzUcEkkkbE8Y44qzt4OAAagt0dd27gZouSJNKfkA5apxnaD29qr/AGcm5Dfw1apFXGYHpT9uR0opy8VQXGMpXkDmo8luMVOxpg+8aGFxvl/L0pir1zUxqI/LwakLkTE7qB948Z4pWOaRTincY2TO30FUbi4MUiIF3lj64xWg3zKapeR5lxvIzxxntSQh5X8u4pKk24PSkK8dMVegXIcbuKYRt6cVPt+WmsuRyKQyAId2acd3Y/rT9tNOaGBE0kgz8zH8ao3VlHe/6+COceksYcfrV5jim479qkDmL3wT4cu/+Pnw/pLnOcvYxZP47azpPhf4Rf5hoFrB/tW7yQfqpFddOnzFun0qpDmV2IBAp3A5ZvhvpMX/AB63WtWg/wCnfWLgAfgXYfpSL4HnhINt4u8QRYPSSaGYf+PoTXUwuJt2P4Tipgny+1IDjj4d8TozeT4wjdOwvNIjf9VdajNj41t2BS98P6hH/eeGa3z9dpcfrXZ+Xmo5I+cnk+tOwHIjUvGkCkP4b0m7X+9a6oVB+nmIKjXxVrUMhF14M1ZMDn7LPb3A/JXDfpXZFPlNRrGOeP0osBxknxCtLVj9t0nXrEdd02lTMo9sqpFRD4meFZGdTrdvA46rcq0LD6hgK7hlO4HJB+tQ3G6Vz5mZM/3hu/nQBzun+JdG1FmNnrFjc7eMxXcZP5davuqyYZSsnOQykEZ/Oor7wvoOqMzXmjaXPKerS2cZJ/HbWLN8NfC8km6LR1tG/vWcssH6oy0XA3WaSTlizEHq2eDWddaPY3d1HcXNha3FzEQY5poVd0x0wSPYflWdH8OrKFWFrrHiCxXOdseqPIv/AJEB/nTJPCes26str4uviMfKLqzgnH4kBT+v4UXHYt/8I7praxJqv2TZqssfktdo7pKUznb1xgdfbtSeHPDWn+E9Lj03TI5IrGMsY45JTKFySxAY8kZJOO2TVFdJ8YWmPK1bRrw9T59jLEfxKOf5U+S78YRr+80PSb3HQ2uougP4PGP/AEKkI2254AxzSNGO4FYQ17WIY/8ASvCGqRt0P2WWG4A9+HDfpUMnj+yhbFzp+sWfHJl0yYgfiqsKCjo1jwcjihowzZz7VzsPxK8MTfL/AG5axP8A3bhjC30wwFadnrmn3/NtfWtx3/dzo2fwzTsBdaEMcZqNrbrzz71MrB/mXkHuCuPp1pGJHBHNICvJbkdh09KiELryRx0q63y9+aT73GadgM14n84n+DHalZmxwTVxYwrHBxSnDdhikBRGdvNKmcHmrGwMcYpDCMdOPanYZVWRz15FIZTv9Kn8gdFJxUUluS3BpDuI0mVpvnjbzzS/Z3weRUX2d1z3oC5IGB5NI0gHQ1HsbHNNVf3lAXJd2BmkPPbNQyK+G5IHamLIyqOSaBkxdV6daVRuqvk8kipWcBBnpQAjNt7ik8z1qsqnzhtzt96c2Vk65WncCbOaAOvFVftW2TBHU4qV7gR8EikA9gPSmYzUQuGkkcY4HNEU4fJbjmgCTn1oo81aKAOsvtUtNLtTdXlzDa24GTJLIFX8MnNZH9vaprcP/Ek0rZA33NR1Z2hjPuke3e/5KPc1Y07wnZ2d4L66aXVtSU8Xd9hivr5afdT22/iauJ4k0+81WXT47+Oa+SH7Q8QbcQm/buz0I3cfga1MbmY3guLUm/4nt/da5IeGtWb7PafTykHzD/fJ+ldDptpDp9ukFpbQ2dqvCRW0YjQe20dK5Pxl4203SbHU7QX0q3zafNcI1nH53lBY2ZXLZCgkqSFPXb6ZryvQfiH9l+KSWf8AblxZT6/pmjrbS6hEJWJZHaRtpJVZGCqPQsyikFz6NHzZ4zzU8Sge3FRKu35cYI656k+v09PoanjoGWI0VVwOB1qTp0NQx/eqbp2oEPRd2KS4UsqgDPNSRtgj5evFSyYhyZCIhjJL4A/PNILkcNsd4kPFWzbrIQSelc9qHxA8MaS3l3XiLTYnzgoLlWb8gSf0qG3+JmjXisNOg1jV8dtP0m4lB9w2wD9e9AXOvUflUoYEYrkI/GOs3X/Hp4H1kp0Bvbi2tSfwaTd/47U39oeNZuYfD2i2Q6/6bq0jsPqI4SP1oC51qe1PHzGuSjsvHNx/rdZ8N2O7+GHT55yPxaVB+lS/8Iz4muRmbxnLE3YWOkwIv/j+6gLnW7Tt5BA+lKylSMDtXKL4EvZcG58beI5iTyIZYIV/JYP607/hWOmy/wCu1bxFdnuZNamH6I61NxnVrGzfwNTnV40yVwP9oj/EVyUnws8Mqv7y0urr1+0apcv/ADkoX4T+C48O/hmwmbGf36mTP/fRNITOle+t1GXurdfYzKP5tUDeItIhyZdX0+MDr5l5EP8A2asiH4d+DgP3XhPRhg85sIz/ADWrkXgvw2v3PDmiqP8AZ06EH/0GgkfJ4y8PQkb/ABDpK55Gb6If+zVG3j7wug+bxLo4H/X/AAj+tW18O6PbkeXo2nR9vls4x/SpG02wj4XT7MD1Fsg/pTAy/wDhZHhFSc+KNH/HUIsfzpn/AAsvwjuwfFOjk/7N/GR+hrdjs7JVH+h2uMf88V/wp8dtahiotrcHrgRL/hRcDn1+JXhNiQPFGjDHP/H6n+NOT4keEm5HifR8/wDX7H/jXQtp9o64+yW5P/XFT/So/wCzbXbsNlbEdf8Aj3T/AApgZC+PfC0n3fEujt9L6PP/AKFT/wDhLtAbldf0sj1+3w//ABRrQbRbBvvabZt9bZP8KrTeF9GkU7tF05s+tlGf6UrAV4/EmkSN8uq2D+63cZ/rVsX1pKMx3du4/wBmUf0rMfwf4abh/DWjSHpufToT/wCy1DL8O/CM3EvhTRX75+wRY/RaRRtRuJPusG+jDFLtZf4W/LP9K5hvhb4NkOP+EW01R/sQBP5Yph+FHhFB8mjRxH/pldTr/wCgvTFc6tlKrkoR74I/nTO2COfrXKH4YaAvMcWpQjp+51e8UD8BJSr8N7HkQ614khPbZrM3H/fRakI6Zm29sUK+5fU/SuSl8CSs5Fv4u8SRdgGuoZf/AEKKnr4N1qJQsPjnVwR2msrWUfpED+tUVc6dmPpimM3y1zL+HvF0TfuvGNtL7XWjIf8A0CVaibTfHEbDbrXh66b+7JYTRcf8Blb+VSFzpcdzzSN92ubDeOochrTw3cgHql3cRE/nE1RtrHjGN9r+FLGcdzb6wnP0DotAHSEAoQahjjCAgHHrXOP4s123kH2jwRqip3Fvd2kv/tUGoZPH55M/hbxJaop5Y6a0g/OMtQFzobW1MTPzkMc1aePaK5Bfih4ft/8AXS6haAnrc6Xcx49slMVZj+Kng+4YR/8ACTabG/8AdnuFiI/BsGgDocYNMas638T6PfNm21ixuP8ArldRtn3+8eK0FkSTBDoQem1gR+eaoLjTQtLs25J9etMaTa3tQMJV9KhKn61Iz7v/ANVM3Z470rgYr7o5rkpwR0xTV3LbRS/xMcGtKS2X5scM1Qvbjywn900gFjTKhu9Nkj3YqaNAq9c02RSORQO5C0IXv+FMB+bGKkRSxOacYwAcUCK0g7UwbgowxGOnPSrG2onXDUFENwwuI9s4Ey/3ZPmH61h3/g7w5fMGuNB0yV+u42sYP54BrbmTMb9+KoSK22PPHPSqAxJPh34e3ZgsJLPI62d5PF+gkApi+CRCxFt4g1619EF4s/6OjfzrqVjwOOKaVpiucz/wjuu27BYfFkj98X2nRSN9PlZPz/Smx2/jCN2VL3Qbte3mRywt+ON4rp9vykA4HXgVyHjb4gxeCda0Cwm02e//ALcuGt7OSGeJQJANwVtxGMg9foMc0hlg6h4qtuJfD9heDu1lqYGfp5iD+dJJ4p1O3wJ/COrx9z9naGcY/wCAyE/pU3hHxtYeM4b42izQXWn3DWt7a3ShZYJR/C2OD04IOK3l6H86kDll8f6dCrNc2mrWJX73n6bNgfVguP1pY/iT4XmwF1yzDN2kl2Efg3NdO00isSHYdutRTMsq/v1WVPSVdw/WqAoW+vaddAeRqFrODzmOVW/rVtcSZZWU/wC64P8AWsi68H6BfZabQtLl3HOWtIs/mRVZfh74dRT5OmfZSf8AnzupocfgkgFKwG88m35SvP1pAue2KwP+EGto0K22r65ansy3zPj2/eAg/nQvhfVoVAg8Xag2B927s4JP0UKfxz+FIDdkx0IpqxgsDjFYLab4rjHy6xpU4HTztPkRj+KyH+VNWbxfEMNZaHdKP4o7uaJj+BjI/WgZ0Ev3tuAR9Kj8kYzgVhNrXiCDmbwvJMBzm01GBuPo201H/wAJdcxc3HhrXIe/yWolGPqjn+VOw7m55YLY7U4xLt55Fc7J4+0tRmeLUbPti4024X9fLx+tEXxG8Nu2z+27OJv+ec0ojb8m5osFzeaJeg4qLyPQ4qtb+IdLvceRqVpKT0CzK38j0q0s6OwAZT67SpH86QXIfs3zg1Fc2Rkk3K3NXfuknGO3SjI7jmnYLlBLeRT979aryJKN3HetRsdhzTdo7jFIZRTftGV5oq5laKdgOO8bePdU0v4qx6V/bh0yytb/AE/ykjjxbtFKHMomcbsklAq5I+9wK4C81KeCwlms7XyS2jpFPb2MRceUNXZZcR5LMCCSfmzjdivZ9R+G1xr3j7UtTv5YotFklsJhbIczStbbmTrwi735P+yBXUeHfBujeE4UGlWSRSqjp9pkcvIys+9wGOSFLEsQOCTnFaHOeK2vw1lfxjZWWjPqWkJe+H7iAtf8Q3dsVdU3Rj5kZHmXCk8KOK7jTPgFoTWsa65NLq7GxsbNkjIhiX7Kv7t0bllbJccNyD0rqLjxlo8OoSi2J1jVVXyyumQfaZBz9wunyqM/32A9qf8AaPFes8x2en+HoHGM3khu7knt+7QKgP8AwM9KWgHWwqWQKgbBBYZJJ/PBz9T61lap420DQZhb3msWqXfa1SQSTH6RpljWavgWC/y2tanqmusxy0M05gt/+/UQVcf7xb61uabpOleGbNzp9pZaRbwqWke3hSJUUDJJIxngHk5oJM6Pxte3xxpPhPWr0EfLPeRLYw59cytux9FqZv8AhNr7YWl0HQYzwRGJb+QfiTGufz+npRHxU0C4vktLS5uNVu59Ml1i2gsoGl+1wIDkRNgBj6DOc9K1F+IWh2Ph+21jWdQt/DaT2q3bW+qTrFLEjAMAy5yO4P8AumgY1fBt9ef8hbxbrN0c522nl2KkemI03f8Aj1TR/C/wl5zNcaMNSkHO7VLiW6J/7/M36Cty3uorq1juLeeO5t5kWSKSFlZXVhkMCD0OeKnt9wcMc49jSGO0nR9O0eMLp+nWViucgWtukQH/AHyBWlcXEjYZ3L/7xzVVY23Euc56VM0JdRk8UCuSxsfLJz9QKRZArqvZqRIwvC5x708QgOGzn0oGW1HapEXbj9KZGpxUoPFIaJFJOOTT2yv0pEp/8NKwyrdyNHC2Mn2pA0skY4wP1qfy85zyKcq/gKQrlZbVlMhj4DHOM0+3EjfKV2n61Z2jb15pY9qd8mnYRDJGwY7umKh2tHuXBORgGrr/ADH1pOPoKbAgCt5BGCWA9aVVLXG8jAC7anUKy8dKcsYXpzUgIaZu2tUp+lN2j0qgGtyfao2UEVK1R0MCmIjtZQMHNN2uihcd6tt19KTcp4JqR3KbRnzMdsZzS7W9TirWFb60jL7U7iK0qfKRUMMeDVxvlGSKi3BuQMUgKsalVA681Y8sdSOaOFbpSs2TVARtUVSv3pijNADcfhVIOz7yT0bAFXmx0qJoAT6ClYZSuJGVQwyRnFJFJl5OenrVmSHC47A1EtthpOeGNIBftTtwsrenDVWulSXKyRRzA9RIgYH86etmI3wDxTbhW2naNzAZoAyLzwj4e1Bd114f0qY+sljET+e2syb4V+EpDuHh+2tj/etC8H6oRiuqgVggJXaD1BpWhw2QBVBY5EfDbSIUxa3WsWS+ltrFwf8A0JyP0pn/AAglxHzZ+LvEVv8A9dXhnH0+eH+tdi0fOTzTNoB6UMo4+Tw34ogX9z4ySUdlvdJjb9UdKh+x+N4PmW98PXuO0kE8JP8A3yWrs5uAcVSuPmCg9M1IHLLqHjKNiJvD2lXTdmttW2fkHQfzqOTxFrsAJm8G6oWHJNtc20q/lvBrp0ySQeg6UrSlpIxngjP5UAcmnxAiVc3WheILIg87tKmkH5xhh/nrTW+KPhrdiXUxaeq3cMkJH13qMV1/mfMcMc/WpWYyJhjke/NOwHMWfjTQNQGbXXtNuR/0zu0ateG8gmUFJopA3AZHUg/rTLrw7pWoAtdaTp94T3ntI3P6isaT4aeEpJN58PWET5zmFPKP4bMYosBuHOGx0FNbccfKenWudk+GmjxMfIm1ez/2YNWnGPwLsP0pg8D3NupFr4r12FeyyGCb9WTP60ijoWUY5NVpLcORk9OlYR0XxRDxD4rtZUHGLzSlJ/76SQfyprJ4xt1+V/D18o6/8fFuzfjtcf561QrnQbcd+KXAzzxXNrq3iyHCzeF7OUnp9l1aMk/QSBabP4q1G2IF14T1yFvSJYZvy2PQI6XaONp+boOcV5L8e9Hv9YfwFJp9vqMhsdcju5riytyxtoSAGkJOV+XjqK7JfiHp0eRd2es6ew5JudJuB+qoVpY/iR4Yb/mO2cLHjbPIYW/JgKB3OA+BdjP4U1TxZoOsQ3H/AAkEl+b+fVpgzrqsT58uYHAVSBwVHrXrp7rjafSqdv4k03UP+PfU7O5XlgI51bHqev0q2kiSDcjow/2WB/rUjG7TuqC8H7lvpVnk8n+WKayh1IIzTuBXtc+QvNS7ST1zTooti46UrelFwI2j3N6VHJGe/I96mU5bFOkXOKQFYLSKtSSDbUZPy0AQyMqn9aj8xZB94e3NNu4mLAqMgjpVA2j7shNtO4GkshUbgxBHGQajZluTiVVl/wCuihv51VRXRcZxQ25ec/pQBDdeGdIv95uNG0+c92ks4yfzxWbN8PfDZY/8SS1j2nJa3LRY7/wYqt8QFe58D+IEV2jkTTp5YpkYq8cixkqykdDn+deTfB/xdqmqeMPCtppt1eNENC+06wNUkco8uAI5Id5Jb5upXjrQB6vo3hvw9rWkwX+lXuomzmz5U9tqdwofaxB4ZsDByMe1WV8HlCTD4g12I4wN1xHIP/H4m/nVfwPpVx4X8Ow6dK0bmOSV0eEkgxvIzoOehG4it9bjJGep6UXGYreGdXXAj8W3QGeBcWUEn6rtNM/sfxRHnbr+nTDP/LbTXU/mstbsl021g38NQ+eWQnbzjrSHcyPsXi0dJ9Bb/aInXP4YNFbCXR2jcOaKoZtp4qn1hjH4csBqCZK/2hcP5NkDznaSpeXqeIwe/NDeEH1HDeItUl1lWOfscANtaL2x5akmTt99jx2FP1rxpbWN3qWlWkRvdYsraOY2Z/dJ87bY0DHqSxPA7LWV4i+Jtjot3faa6fa9WtbCa8ZYsi3MkUaSPH5vJBKsCM9j61ZznSWl9pumXVpo1s9na3Lqz2+mwYjLqmNxVAMHANWJ9SsdPcJcXcELtE0yRu2JGRRkkITub7pz39q+fPHF94h1668PazqVz/Ytxc+H9VvrD+yZmV4Y/JikijZyMk7gMkep9av+G9J1zXPHk9x4h0vV7nUhZWd9Y3CwhYR/oZjmDy7QFG93BTjLMT2qbAdb4u+MHhzxB4L8XRaLPqUzWejtqS3FrE1qZICxUvBI/OQynqO1UT8Zp7zxZP4TDrpKf2Is1ol/AZZb5XtDJlZW+RmViFZdmCMk1l+C/gL4iXRhZavd2WmLceGP7CmRH8+TcZmlLqFO0ja2ME5ya9O0z4Q6RDJp0t/d32rtY232aGORgkUObcQM6KoLqSgJwHxkk4zyGKx4No+sPry+Dbq6eKOa++HepR/6OiwoGRyQFC4242jGOM5wOaZYeFb/AMWWngie00S71N38AXdg9wlq8vl3LqwiDSEcMeTyeK+ntI8H6D4VtrX+z9F03TIrVFht5PJUFAzfdVn+bBY5xn+KtDWPEVp4esp72+vPItIQWkfBbG088DljnoBzQMofCvSb7R/ht4V03VrWSx1Kz06K3uLaTaTG6DbjK5Bzgnrnmus3BcIK47wf8RdK8eSajFpcd9G2nCMyteWklvnzN2Au8An/AFZ7ehrd1LxBpmhzW51PUrTTfPwsf2qZUBY9Bz3oA20PIFWAwVcnpXmZ+JUui/ELxZpmrzx/2VZQWEljFBbZuC85dfL+UnexZPoMjkDJrdm8fJN4ibRLfS7yeaGa3gvZF8tWsWmUMnmR7yxAUjcyjau7qccFhWOx3qo3deM02GQtMqkcMQByO/H+cV53F8V/9H0TVm0tT4W1rUf7MtdRW4JnjkZ3jid4iuBG7xsAQc9DWP8AE74tWL/D3Xx4R1yG41eIwWZnjR1+zedMsHmZYdRlunTg0DPXdN1mx1KeeCzvIbua3O2UQtv2Ek8Ht2PFTajqVvpNv59xuZHkWKJEUs8zscBVUck59OgBPQGvMfDWvap4B8Q6j4QvdEj1SPTNMt9QsB4bhbfLG83lOjRueX3YffkAg5PJqefxBda38W/h5Fc6XfaRA1jqsy2WpIBKJ0VEDMqFgcI7EDPRm9akaZ0mrfFzw/oetJp14NQSJrpbJtUFkzWMVyTxDJMOFbOAQB14rtm3LN5ZB3BuV+XPXpjjg9jnpXmPxB8VeFry+i8MaprWmadaWc9vqGqR3FyiN+7cTRwBM7mZ5FV29FJ7ua6rzvE994gKS2Ojv4Zk5eWS4lN3IjRc5i8raPmJzlsbT6mgLlTw945ufE2pObDTI5fD0N3c2MuqPeBHikgJRmeIqDsLqyhg2flBwATnpW1Kza3juPtlstvKxRJTOm1mGOA2QpOfwPpXzho9jaW/wt1CTQrA3MVl4vmk1WHSbdHnl05LmQoVXB8yNQyMFIPCdMDFXvEPhfw/eeFrO+0TSNV1Gxn8Uaff772xIMu1/wDSWihWJfLQJt3HaAxPtSsI9j1bxfbweF9Q1TTdW0nZC7Rrd3twptFYMNwZ1bIO3oPUiqq+KdS/4W83hyVLT+zJNDGpwyQq3m7/AD/LIbLEY4OMeteZeKvCU8mh/G/SNM0C8SLVDa3Gjwx6fII5ZREiu0I2gDDjn613k1jqGofFzT9UgsdT0+xufCslob82jYtbh5lkCtuGAQA3XimB1uvXWttBb2+hw2S300gH2nUQ5giUAksVTliSAoH+1WN8O/FGr+JIddsdetbeDVdF1KTTpZ7LcLe5wquroGOVO1xlc8HjtUd5B4k8C+F7uayuNV8e6pM6LbpcR28SwDB3OSoUFB1xnLEAd6j8M6bqOq+GL3SG0/xB4K2us/8AaLT2/wBtu5WLPI52mRRk9c+oA4wKAJNa8U3+i/E7w5pbT20eg6jp17cTBoGDpJBtbO/dwMNzwe3FaZ+Ivh5dPs7/APtB/JvdwtAttK0lxtUM5jiCl2CqeSF7E15v8VvhTrnibUfB1hY3esXy6bFfefrVw8bOskwUxiRfl3puVQyhcFSRWxey+N/EFp4Tub7wnJp81vJLDq1tZ3MCTJ+7ARoJScpEd3zgfNggdAaVgOo1L4seD9Is9MubzxFZxwajC9xaSZZvPjTkldo7YxggHrkGuV0H41abY+IvE9h4l1+zhggvbddLk+yvEHt5YEkBbvjL43E4GPwGH4N8D+KtBsfhdb33h+eM+G9Q1D7S0VzFKqQSrIqMG3ZP+tGDySFPpW9rXhXWk1f4lwR6G+q2Piy3gjtriOSPyUdbbyH88swYAHD5AP3aYHca9400Pw3J5Wo6nFA/l+eflZ1WM42szIDsTkfM3XNc/deNLnS/iVLpl7fWSeGm8PNrCXQi2uhWVYyxkJKsmCCML3rB0fwbrXgXWNchGmyeK9L1rRLKyLWrods1vC0PlyBmGI5AxYEA981xep/B3xdC3gq1s1nuptB8Nm2lujh7W8uFlWUW0gJ3PE2x0ORwQnahgex3Pj/w9Z20V1c6xaw21wrSxSEtteNSAzDjOM5GeBkion1a5uta1SxsdU0eeeKximis/MxNE5JBMuG4RhtAYDgsK4nx5a674ui07VYNA17QPEUelyocQrdwNISG+x3MX3XhYgbXGMY5NbGj6brH/C5oNTutGktPtHhWCznniiJtlvEn3tGHyd+FJ5ycBQKkDoNI8daVqugW+r3F1DpELtJbzrfTpCbedHKPESxA3KysO+cE46GtG616ygt4p3u7eO1m5iuJJVSOTPI2sWwePQ9BXiGn2GoW99qWrW+lXF5plx44vpoL6ztTdS2UZh8ppUhAIbfIGXewKgHJB4FY2neHby0+Hnh+0ntL/R9W0iTVIIH1jS2uLKZGm3eTKApxvQptdeAVO3uAAfRrahCyJ++jbzh+6+cfOccbeBkH2PTNV7PVrS61W902C4hkv7SOOea2U5eJZN+wsM8Z2NgdRtzXgWtWkGo3duvjfS9Y0HSNZ8PWMFhHZWwuTazRqxltg7Rs0UoOxlbgtxk/LVrVrXTPC3jDxrdXun6kmo33hO0ubNoUK38kixTLOVmVSFlwI9xI4PPPQsD3ra+/5gRuA2HORj1BBwc+9TMrKpypQ4ydy/dHvXyjqHiCGLwv8UrOw1yK1hGh2eqaZFo1xLDDHKocSCOQkFmyF3kBQxb7ortNQ0+OPxZrml6d4l1iGybwimuwJBqsuTdqZFWRW3FgMbSUGF55FFwPaZtUjXVYrDyrkyyW7XImjgZoQqkDBccbiWHGOmfSq83iPTbPxFY6DLdeXq95DJcQ2uxv3sceN53EYGNwry618d61JqHgXVBeT6gNU8GXeoz6cCPJnuoooXWTaFypbewGfp1NY9nrF1/b3wp8XTavc63dajo2qTyW8jJ5ZkNosjBEQAqNwK7CR9w9zTHY9624467cD8h+tQNJyecY56Z+vHfivLfDXxC1pdN+HOs3lyNUsfF0ZSa1it0zZzGB5lMRTBZB5bKUbJ9+Kn8R/GTTF0FpLL+1NKubmdbL7bfaZNCloJFYtMQyEMURHIUHBbaKBHogullU7SrAcHawbB7jI7g5zTEuC1wEAyMZxnGce/0rxf4J+PPCmg+AdXjm1+2htbbX72JJruY+YVklkeIsSeWZFJBI7c1vHxhqep/EbV7CyhsdZ8MDw5HqNuYLloWmWR5QHDFerYAHIAAB70rDuelTSfLvXoecZ4A7c96habaqnGOetefeG/HNvfWvgqzXT7i107WdLW7s7i5u0YYjjDPCzkg7gGBzznDHNMvPi3p1josOo3Wn6pHaPZ/2k8qQArb25lMYmf5vukkEKOdozSEejedu5607zaqRyBtpXa6n5gRkAjt74OB+R9a57wXr+pavfeJ7TVIrdJtK1RrOP7MGCtH5Ucik7uc/PVFXOq3Zak7mhfm7YpzLigZDJULxhuoB/Cp3qpMzxgAcsxxSsAxohgjGKa1uCylf4Rijcythjn6VJ5oCj3NICAxgHoM/SpVG1aSQhW5o3HHtVAB4qMgsakUblpCuKGBDIDzzVZlPJzzVt+Qar8Hg1Iyi/wB0YHJ61GuVZ+Kt+Wu4igxhc45p3CxB5m1RgEZ60eXleOmelStGGXDGmL8nyk5piEV2j4Vip9jio5FErHzFWU4/5aKG/nUsijOfQE/kMn9M1h+I/EyeH57G3FhdanfXnmeTa2pUOVjQu5568YwPWhgN1DwjoF//AMfOhaZM2c5ksoifzK1mSfDjwyGyNGht29bWWaH/ANFkCumhm863gm8t4zLGr7JE2ldwzgg8+nXpj3qlq19b2McLXUvkRyzJCrlS3zMcDge5qR3MYeBLBR/o9/rtovYQalKR+T7uPwo/4RK+hY/ZvF2rx8fdnit5x+sYP61qabqVrqiyy2k0c4jkaGTZn5HGMoR6j175FW2Rtw4zQM51dH8VRf6nxLYzj0utJbP5pKP5UjL4utzkvoV43TaGngJ/8df/AD3reMjLncMc8AVXYlpASDntQBiHVPFlu3zeHLS4GMlrbVEz+TqKl/4SbVVAM/hPV0wOWgaCYf8Ajsuf0rctyW3bvlqVYwrZAoA5mXxzBGubjStbtF6EyaVMwH4orVF/wsbw2vyyaosLHjbcxPER/wB9KK60sabI8uwAO23PTJxQBzsfjTw/dKFh1mwd+wNwoq/BcwXABinilHdklUj+dPuNHsbrJmsLWct182BHz9cisybwD4YuJC0nh/TTJj+C2Vf/AEHFAGllFJ5Xr/eH+NKy+3H6Vhn4b+H+sdnNbgf8+97PH+gemN4DtYQRbaxrlvu+7jUS4H4OG/lQBpanYxalYz2krPHDOhikaI7W2sMEA9sg1xtr8G9E0n+wDYTXunzaCGis7hJEZ1iJOYpCfvIcnjtXQ/8ACH38eGh8U6tGF4Pmx28gJ/GMfzqKPQfEasdvieJgDlfO0tGI/FZV/lVAbbRIxORwPxyfXNM+zIX3Yxj2rGks/GEcgC6hoV4v9+S3miP6Mwpss/i6HH+g6Lc+uy8lT+cX9aVgNmW1WTJ7Un2NVUc8Y6Vhtq/iSPBbwzHLzg/Z9UhP6NtoTxNqy5EvhLVv+2JhkH6SUhm19kXsKKx/+EukXhvD2uqe4+xMf1FFUO5znxSfXbT4wJq3h4/bL7S9NsriTSl5a+jNxLG6BeuQrgjnjJPWtiT4Vap4o8dajr+oyQ6Lp91BNbrB5Ye78ua3SNvMA4Dq3Vjkk/SvVttvDduVEK3s8e52UfvXRTwWxztBP4ZrHh8RTTeK5tHOl3MNuls00WpMy+VN5ZjDqB1AAkUA+oNWYDrXwPo81npNveafDqzaVbLbWlxexqxUBFUn0H3AT6jIrdXVIZbySw8/zLxYhO8GCDsLFVbj3B+mfeuA1bQV8VePNd0q/vtQSzXSoLiGOC7kiEErPKhdQpG/hF6+priP+E38SXHgGJrnWJrSQ6Ba3guIl8ubd9t8liznn5lA5BB+cnPWkB9BQzIjRxSSxpNLkqskioWVfvEDPIAz6HpXC+L/AIwabomk6idHV9U1e1e2VbXy2RCksojWUO4CsgJPKkgZUd64PS/DtsviZl0uK5vp7PxVJDDe/vLl4rSSyKk+YSSEErnOG7ZxxWz4d+GOu6h4FuNHu9K0jw1qFvBBbw3yyC7N68MyyCViMFIzsICZyS+e1AD/AIgahbapo/jFG0eSwv8ATdZ0aS4kmnWUu5eEq4wdqYQkdO9ek22t2viTxFe6dHpt8xs5N32q8silszrJwEZvvHcCwxxxmsa++FY1ZvEJ1XWp5I9ZltJJ1soFhEb2yrtKs5YnJAPrxXctMwwWLO2BguRu/QDmgDh9BttXv9K1rWNENg2oatqspWTVWfyvssX7iNhs+Yn92WAHZqxtc0XXhrvi211zR5teXXPDsVpYXOmWbSW/n7XWWLnIh3OY2ywxhcnkCvUrO1XT7WGG3t1treNdscUYCqg9AB0FSX2tWeh2a3V/cwWNoes08gRQegGT+FAHirfCPxnZeMbDX9KmCapouk6dbW99dXKGzvJoldLiORc7iGV8K4GVYHHDHPa6p8MdR8S+NNN1/UbfStIu7S7huoryync3scChfMtGwgSZGYONxPANdRq3xA0bw/HplxNNNJb6hJFDBdWttJNATI4jQGRAQnJxgtnipdB8ZWXidtdhsoriP+x79tPuVuYgmZFVGyuWyRhhyR396AMPw78IYdBt7DSn1aS+8NaXqJ1XTdOltgJYJSWZUaYMd0au+RxnOOeK7nV9MtPEmjXWlajbpd2F7G8ckE3AkQ9CAO4OcHrkLUcd5Ct0lrJNHHcSDckEkiq7D1CkjI569Pas2Hx34ZudWt9Kj8Q6XJqd1I0aWa3atK7p/DhT972zSA09B8K2Ph+S4ltmuJrm4VElur6czzPGg/druOeBluBxk880viTwvF4hXT5kkFpqemzfaLG72hvLYqVdSP7jIWDe3PVRXJ6L8ZtE1S31a5QXsNrZ6mdMVZrSQtcSkgKIsKMsx3DaTkbc9M1duvjL4ds9IstSNvq1xDd6odHMMNm3nQ3anBikXPyHPT1pAdZD4Y0j7R9r/sXS0vJJGkeaO0jYlzgsd+Mn6nrkGtQIz5ZVY7eRxnPPXr6n9a53wl46sfFMepkW9xpN5pl7/Z93aakI4pI5QquvRmXBVwRhj3HGcVg/E7wnpfiLw/qGr3+pakILWxYWP9m3kkSwy4YK6bGAklZyow2QDhehoA9AbeGzkhkAVdvJ45AGaRbgSSS7ZhJJGxjk2yBju6kNjp97p71yOj+KrXwd4X8OWXjLXrKx19tPhWcXVwitJMECyEA43fPuHB6g1wXhfxMvh/4reOPCOhpYRarf62l8i3Kv5ENubOJ5WAUje+5s7Qe7HoCaVwPaEuJGml3tgZzSXWpWmn28t3dzx21tEC8lxM4VEA6kkjpXlPxC+I2seDNWvpEXT7i0s7qxia3SNpmeGZlV5JJA+2Dlxs353YHJrSe88Ua9448aeHWuNIg0LR/s+Y3tJHmngnt3baTvwrA98EZA45pgeiWGrWepWNtfWFwl5Z3SCaC5iJKyoQMMCeoxjketWmwy5Cbz12DqeK8A+GeueJ/CPgf4U3Vxe2mo+H9WMOkvpsdqY7iDMb+XJ524hyDF82QBg9K2bT4oa9J4H8M+PUukn0/VdUhs7jRPIRfJhmuGhQRuB5nnIdjENnPNK4HqPh/xFp3iWzmn0y8jvoLe4ktXeIEASJjcvPJxkda0hwV2jJBAAzjvwPzP614X4H8RXVh8R/Eng6G5l0OO68S312l80UbifCRE2sJcFd53bvmGduMDrjpbjxpqul/EqPTtXvLjTdLuNRS2sbqO3jm0+6jaLBgkcDfHcF93BxnsKYHZ3njzw9Y6e17calHDZi+OmiSRHXNyGKeWRjqD36H8asat4s0bRW1ddQ1BbYaXbpc3xeNz5UTZ2sTtxyAeB0xXkfjfXtX1j4R+ODrF2t7eaN4rgto5RGItsMV3bMvA44DHn3rp/G2ravfeKPiT4bubsS6P/wAIkb22thCqmNn85G+YctyM0AeiR3EV9bx3ET+bDPGs6N1DK43Bh6gjBqWP198/5/IflXlHwP8AF15430qHz7uTT/7J0+ztn0R40Ep/cKftDOefLfPybey881ufEbXtV0i6sLTSdQMVxLaXdwlpZ2yTXNw0YGx/3nyLAM/MxwclQOtAHZTMN+0EIAO4+UdufT/9VZsmqWepXF/pC3am7ihjaa2hl2yxq+dhyOnTIINeU6x8VfEEngzwt4icLpWm6noaXV1qlpai6htrt8HEyYLRw4J+YZ5YDIAxWj4k8Ra5L4g8caXp99Z2wTwhHqem3dvAC+f3oALFgSPkG3/fzUAen2cMGn29tbWsUcFtEgWGOLhUXkjGPqamabymO12VunBxXP8Aw7W4uPAXhuW8vBeSyadbyrIY9jFWjVgCNxyRnlu5NdA9ushyeKLgRK7xqQjkcevpUMU7klAxA5Pt1yf1qdoFXJBJPvUSIVOfwxVXAjuiJvMSRI5YwACroGG30we1V5ND0q6DGXSdPmMiGNmktIzuQjBU8cgg9Ku+SGZs85FPWFY0AxSAyofDGiWd5ZXUOj6fBc2IYW00drGrQAkkhDjKgknIHrWLa/DLwjYavb6nbeG9PtdRgna5gnhjIKyN95lGQAT39fwrrmHHFRFdufQ9adx3OY03wHoGh6kt/Z6ctvNE8jxp5rNHCz53tHEWKxlsnJUAnJ9TXQfapOCzsSfl+91z06++KfKu+Mj8qrPlpGb8MUxGXofh+x8P2+pR2iyMuo3k1/cJIVf97L94D/ZHYdOT61m6h4JjvvFQ8QWWoy2E76cdOngWFWjlj3M0Z5HBVmbIGMgda3Z1LwyIRweMfl/hVlQXTPB3DnPfjmlcDxXxT4Vgt/Avhr4eJdXlzrUPlNp+pWlq8PlRo+ySR3yQmIGcHnkHp0rS+LHwt1PxgXtdOutOh0o6TJpkVjqJkVbOQnCTxquVZigVPmGVAyCOa9RG4SOWZssckZ4J9frUUiruDZwFzj2z1/rSA5nR/AsNrd6dq13PdjWIrdYporS+naxJC7CBEeGwoz9celZ/h3w/qtvrnj5p4J9HtdWvRcWV5G8UjIogSIuq7iQd0ZYKw6V2DkC4THpirKk7s9+P06U7gZHhvS7zRdPa3vdZudel8wlbq6ijjcDA+XEYAPrn3rUdhj3qVvTt/n/E1WbrRcoYz4qJyH+vWnSKW4FRN+6UsabC5F5JLE9KGjxgA5wc0rXCgshBJpiyK2MDFSMZJbs0+8SFhj7varHG2n+ZhfaoGzu4p3AcoKsfSh+nvT+3vTW602BE3SoHQHpxVllyKgdtvapAzW3rlufvc/SnROQzKeRjIqxKFY/4VH5a9uKB3GGQKvzdc0qjcN2KkaEFeeW96Rfu+tO4hrLuUrnBPArz/wAf6bZXnjPwNcPZrK8d1cmWTyy3lqYMoXYA4G8LgngE16E3TGOKhZjtYZOD1FFx2Pm3+1Lq18H+IrtvEep2fia20qeTUbHZIhjuFfInZyeCeFXYMMCPSukvvE+o+G4fENvaa7dXIsb3SLqJriRJpGiuGjEqFiOEzlgByuMdzXsbxhy24lwxywIyD9ay9S8O6de7hLpdnMrkFt1shzjkE8dsD8hSFY5/wGEt/EXjq1UqqrrfmKFBG5XtoG3c9eSa7RW+Y4NYmkaFZ6TcXk9rZw28t24eWSMAGQgAAtjqcADPoK1OY2464oKRMygnkZqBkXzM55pyyMx+YYqtI2J+M0AT+Uu7cAKkXpVeSQ7sjgDmpVfKg9M0AObGOlIGFG7PvSYz2p2ARsHIIqIY7cU5gd3Wl3YWkAzHXJ4qte3lvYWst3d3EdrawjLzTOFReQBknjGSBz61K8g5yflxzXCfEtzHqXg27uCo0a21hWvd4BjVjG4hZ/8AYEhQe2RQB1tnqtlqiB7K8t7pFXcWhmRht5OTyR2Pf8Km82KSNnSRZRnaHicMvGOn51578U7O2tNONwuIBeX9hHqZRtpksxOA5cDqPmC7uhDHNVviFeT+CNY0668O26Wkl9Y6ik1rbqqxborfzYpdoG0FcFc4+bgU7gelgFcnbwOC3P8AjxVa4PzcfjXmd2yeF/h3oHinTDNJegWL3Mvms/25JnRZA+44Y5fII5GMCszVvEF3o/h74jIlxrL32nX8xtLqMyypCgjRlBdm+UYLHnjkU2B63HMSpCg4z3FOWTLYPWiyIaytsMZAYkId3BY5HU465GDn6+tTeWvUjFSBEc560VJtHrRVASeJIIdP8feHdWlsozHILq2l1IyY8g+UxVSD/AVVj9QtVJrGy8VeMluNM1e8+Swks9Qe1nZFVG2tFs5AWTOW3L2A9q6u+0GC+vJ7md5pzLAYktZXV4IyRtYhe5IJBJ9SO9WFWPR9JjtY9wsrSHaioCeFGM7R1OAv5D0qjI5A/DydtauJYdbmtdPk0+LTXRiZ7uVFd3JMzYwT5hXgZ9DkCuhTwZoUd3Ay6Ra74LSOxhSZS6JBGcrHsbK8Hnpkk5OTioIfES3fh3T9W02W2hhvTFJC2pN5QaNm6YHRyv3VPBJFZviHxtpawPGkGpSQw39rD59p+5jLPNsU+YTh0V1Kt68j0pAdnNfQ6dptxNLKlvawRMzsfuKgBzwvTGT+dT6VqEWsafbXtlL51ldRpNFMmTuRgp3Dv0PfvivJ/htrD6kPFnh+zmha20e91JL2Gfe88heaURoGY8DaOXOf4RXL2OsTal4Jaymvp7C/0/whp15oaw3DQtNcFWzIoX/WHcqJjsCfWmB7HB4i1bWdQ8T22m2NjGNLuhYwtO7nMpSOTzHwANiq+4gHJ24qX4b6xqmuaPey61JY3U9pqc9kbvTlKw3CIQBKBubbklh16qa5/wAJ6hcafefECeSyn1G8i1W3la0tAjSO7WdvkgMVHBPTpgHir3hTwjfeGrXW59F0iz0N9Zv7e6GlXJ2JbQhAsjME4WRxvIA/i25oAzrnwjqWn/EfwxfWet6jPqV9d3EuoWrXD/ZvsIjbhYc7FCt5S5xktk1reKWnX4sfDGyYBrQyahOEccPOlv8AICfXazY9DnFEHg3xDN4qvNUuvFqJaXNxG32LT9PVXMCsSkBmZiQCASdoBJ3ZPr0UvhGw1LT47e/ur6/khvHv7S4a48ue2Z8gJE6YZFUZXGehNIDyNYWt/gvrCAbLO08bD7Hn5QsK6nDt29sby2O2Ki8dR2mn6p8S9eiv57XUtM8XabJB5d28Uaq6WokYx5w2VLAluu30r1nxd4Fl17wjb+GtGey0zS1mjeSWYSNIojmSTMYB+csyvuLdc111vpmm2dxcTWtjZ200j+ZI8VuqOzH+JiBnNAHiVvp9nrXxI1TTPEmn61d6+niA6hpQgtB9mmtSVMMn2pVJWJULBlDhTnBFZ3hnwjB4m8Lal4c0zSJIL+38dTXg1NLPZbwRQ3Qcv5w77MoFBJ+bpjOPofdIzqiyOQ3VRgj16Hg//XrI8PeEbLwnDex2Elywv72S+uTcXBlPnSHLMAfuk45xU3A8/n8J+Nre18Xafpml2sttdeKf7YjuWv0ha6s5GjZ443+YxSbVbLnBXPHJo0v4S+KrXS7iz8nQ7aE+LYfEsCR3kpCRghvLLGNiSxyue43H6+w267pGJH3SAKuqD1PJzn8eP8B+VFwOF0v4apcaz4tm8RWmlavp2tX8Wox2jI0wgdIViXO8AHO0N043VP4h+Hep317pB0TXrfwzpOloWttMh0qOeNZucy4LgZUsduemSa7letSr696LgY+j6HJY6bbRahd/27fRbt9/dQJlizbhwB8ig4GAegFcjrHwT0nXdU1fUbnUdRW+1C/h1CK4t2ijltJ4RtR4X2kglMA9c969Hbnk8mmqB0xxSA881r4L6H4ivNYe7v8AWJTq3kPexw3XlxzywqqpMdi8OAnbA74yBje0nwfp+g+I7/VoZb2S71KGKCc3dz5kcqxqVTgjIbBYE9ea3drNI3A9s03Y7IyPy2eMdOtUwOe0H4a6H4bmsfsEV15Wnl/sFvPcvPDZFwQ3lKT8pG443cgMwGATUtn8OPD1nem5isnijF2b/wCwtPIbSO4Jz5iw52K24bunU561utHIshJPmo38Hp6mrSx9H6H0qQORuPhb4V1CK7ju9NknW7vV1KZpbyYZuVGFmB3AqQOAV9qt/wDCB6G2pf2g1tLJKLhbwrLczNF9oUAJMYzJt8wYGGI7A9QK6FNzFgR3qYLTA5ST4Z+GbrTNT06bTmez1W4W6vYpLubbcTjB3n95wSQvTg7R6CrF54B0K+1K61Ce1m+2XFp9hnuPtcyMbcn/AFZAk4XJJ465JrpMYyf73X3pvfnt09qYHK2Xw48N6VqGm31jpz2d7p9sLS1njnlDRW+d4iJ3/MmTgA8CneIvBOheKLqzvdVsjNcWQdY3WeSI7HILRMUYBkOPunI6ccV0rKOuO+aY67kYfyoA4Cz+EfhTTdLi061tbqysltpbIRw38wD2zsWaNzvOVO4gD0yO5rUh8B6HHrE2pLayCebTF0h4fPbyTZr92MJ07k59z6mugaANtAGNop6xHp+OagDH8J+GdP8ACGhwaVpfn/YoBtjFxO0xVRwqAseFUcAdAOlavXr1pF3Nv6I3Y460xRIDhhk/3s8UrALIQq5NRKwYbhzUcyygpu5j/rTIgyKowfmqgJvMDNxTmyVqrDkM4IPWnxySiQjGUx1oAlJHrULkdjSyfe4GarszZoAVyfWojIF7c1IFZuTUMyHzl4wtO4CsVxg9abt28g1AucnPPWpGJGzHHNIB5XcORmq80Y7+tSNcoGKq25vSmTENGSz7SOaAGrGu4HAJqQrzxTLU+bHkrjnr61OyALx1p2Abx0NRSQjORU22mSZVSaCtynIm3moZF3qRV6RRtH0qo+BnIouKxSkt23bvbJ96ZGjbemMmrDTDGOaYZBtznJ6UiiC6eVWUjmMDnHWpuCisMjNLx8pxUmBt6UARAnPrTsnd0pVXueKQsM4zzVMBsjbaqOxZj2qzKR61B8vPNSBTmcxfN1pBNv5xxiiaMSN97j0pqw/NjPFAEscm49fzp8hH8OMe1Qxx5VgeBmpFj2rQAjfcNRP24qfbUcg4oKIGUY+6BUJ+8asfeqGSPdmgVyHjp0H1p25epAHbPeqdxC3mAj7venqm5RkYGeMU7DLPA9/eoJot2DjnNPml2sqqO3eopGO0DODRYCRoVZfShVHT0qkskvnKM5XPSr38WRwKQCsu2m0rMfrR2GOTTuA3bSFfahmO7pTSxpAVbhc5wKpzWsd1DJBcwpcW8o2yRSqGRx6EHtWjJ978Ki4zzQBg2/hjTbG1nt7TToIre4G24jC5WUdlPqOenSmad4bstKvEuYEf7SqGKOS4meXyYyQTGm4nap2jhcdq6Bm3HkZ+tJsyMDgUAcX/AMIPYJLbxD7T9ht7lbqHSmcG3jkB3J8n3mCtyF6D64pknguC4g8TQi/usa+Xa5WRUZo8p5R2gDOdiAc9dua7PywoIP3fSmlVb5RyMYx7elO4GZpcL6fp9vamZpzbxiHey7WO0AZI9xg/nVtbhmbaRxVlVXpgdPSopIRnIpABjoo+f1oqgOh1bxZaaVqMemBZLjU5oXmhtY1IL4UkAtggEgE8+lcLdeONcvr7w/M8Vvp2n312sb28J8wPbtO0KyO7DKqduUZep4PGK1vFngzxB4g8Xm7sprTTbNLYRLqEgd5GDQyxsBGpGWBcEEkYx15q7p/wz0bT7q0u7uM6pf2qokE1wRGkflkbNsS4UFcZHBIycHrmzI8q8I+F1vNDsbvQoLjU91rpcl1HHI04F5HdhzgH7rJEjAgY4xzXa2Xwxv7l9YWOU6DZ3d5b3a2EszXUMc0Vw0ryxqCSgcbRsB616ZEqqrKFVVPJRVCjP0HFSxMFkB5B9fSjQDltI+Eei2GrPqk0t5c6k0lyzSLKYVZJ33tEwTBKBgSA2cZ966fTfDel6XZ6fb2unWsMGnpstMR7zbgd0ZuVycdPSrsf7zj+FcnnIAHc9Rzj+lSQ3EMzSpHLG8kTbJFU5IbH3SOxAx+dIVyjYeE7DT9c1PV7ZrtbrUWDXKfaGMBIVVBEeducJ1xnHFbsUQCc+pP4nrREwHP/AOuplw1AyqYdysM85/z/AE/KrEduZGUseFXbipVjXd6VKpCt61ICQxnkfdOe34/4mpYYTGu3HGaEYNkj1qYSdqVwHKrZ+VttTeSrM+985OR7VUe5MbEkcCppZikeV56UgLSRrEvBz71ZjqpaymRnRhypHFXPu0APVc09W7UKRtpjdaAJm+bHFHHHH5VHGTipOMZoFchk+9gHPfFIGC/WmSKBOCuS2OacVDdQQetO4x/3sVMv3R6VXDjIwMDFS+YemMCkACRSx2nPNShsmq67VOAAD9KkXjmgCRulR4p27NI1O4DR971p33e2Kb0prTDpTYrkTfe9qGkHShvm9qgk3eZJ7dKkYjSAHGcmlVsDAqFYy8rkgKcVIyss6Z6YoAcV3cYprDaAfSn5IY8ZqOSdNrA9cdqAGbt+TQBtzxVWzuFYBQxbqeRVv7woAhKbqjaPFWtu0VXY80AR8imSKGYZqU57VEc7uadgIXjVeg70NH0xxT2GW+nNR7u/pSAia3TzMkYPqvWnSQIwIKg5GORUgfdJtPAxmiQDPWgCCOMx4BC7RwPan5pTTgoweKdwI6a3IqQ8Uzdmi40RstVp4+G2j5sHH1xVx+ars3X1pFGTJGz+WwGMINw96b5eWkyMAelaJC+tNwnUAYPWgClMxjEflrndxk9BU6LiMA4Ld8GpI2HK4+Wnsm7p0oAqyHCmqbOc5FaUsYaMjHNVVgC8NVAVzJu5xUbsAemBVxo1ReP0qJ1Dr0pWAzZJArbO680nmbVBJqzNar5m8dSMVWe3IwD60gHW824EHpmrIbjFVIoyhKjrU6KysQfSgB1RvzUm0svHFM5HWgZCq4Jo28mpcD6U3Az1zTsFivIgPGB+VROu36DpVlhwfWqHmPsyeT0pjJNnmYyMketLJGG49Ki8wqOPSn+Z90twTxSAja354PNP+7gVNwO/NN8vPJ5osA0r3pAKecrSZPp+lFgGEZqORTg4qcKc5I4pGHFFgM2QsvJ57UiI0gq1JHu4pnC8YosBUeN1/ioViB1OatmPI6VG0YXsPypAUZJHY85+lNVmU5Aq60YbtSeWFoApNM6nOKbJcN6Yq421jjA/KmNbq1AFL7VJ6Zoq15KjiiqA7xwNvQf5/wDr1FIp3JngE8BiMtj7wA6muK+IPiTxBp2vaBpWn/Z9P0/VL6CybUXiZptzrIxKA/IAvljkjvXk/jbxo3hnXrfU7+5u2utI1y4gmmmImUSHTwQ0aD7se7DlTxncfWrMj6RhgbgIG2ZwOOP169RXPap8SPC+jqwOrw3tyCi/Y9O/0iY+YSEUAYySVbnPGK8g8R+KJrf40eEbSPxHJqUMd1ZpIse6MGOWGQvlEBjkDNtYkABcxio9C+E6+JPgTb6Kvhxo9Sl1GZzNJixni2yzNBMJHHIUOh2nIwzACkTci+MPi59YsvGq293rMclq2iXUNtOfLjgWSQDEQU5BKt8+71xU2teP9X0OTxmmiyWug3n/AAnNrp809jCGe4iljUMzCUyAOMDkFeh4rqR+z3ea6usx614n41ax020uHgti8zNabWEpaQjlmz25613MPwZ8KySatNe2txq76pex6jcrezNsM6LhHCxgKCAensPQU9AM39nzXNT1rwrr0Wr6pc6vdaZ4gvdPS5u33SmJGGzdx78fSvVo6xdN0zRvDVlcJY2tjpVvh7mZolWItgZaR8DLH/aPrWzaSRXUENxHLH5MyiVZVYbdh+YMCeMYP6VD3Hci/ebWIJzux1q1FGx27j2rj/DfxR0PxZr9ppWnW2rl7qN5obu4054bd1jALkO4XcPmHQEfMOeK6u91K00ize9vbmGztI+XnnlCRqMjaCW+tDC5cjTarbetLHll5BDVxmveNJtP8TeBxY3tlN4e1mS7SedFEpfy7dpFKyDI27l52jpnn1vSfEjS107T7m0t9R1F9QWaSztobbbNMkSqZHCyMmVG5e5OWAAPaRnTyxhtoYbge1TiGSTC4IPYryePbvxmuM1X4kR2ovv7M0e61r+zrKPUb9Y5VheCGVWdEAYZaTYrMV/2etbWn/ETwpqLaXGmv2BuNTgS5trKSZEuJVdAyfuskgkY44HB9adhXNpbu3tblFnuoYZ7ggRRvKA7ccYBHzE4PX0q/n5vmOzgltx29OvJ+7x36fpXgXwy+IGswx6N4x1vSLS8tfGGsNYrqEd2Wu7JHkZbaMJswsQ8vG1TlsAnqa6H4sfE6G8+GfidNGh1SGdY4raS4utNuLVFSSdIpSruoVm2sSMH1PaiwXO81r4meG/DemxX19qXl205bymht5ZTIqHDMAqsdo6b8AEke1b+l6pZ65p1rqGn3UN5Z3SCWGaJwyunqMAe/UdRWZrl9Y+DoVuILOJr3yl02xthtV5eCY4c44QfeY/dVVY9q5/w/aXfw98D6ToXhvSY/FL2atb3Elvfw28cUp/eN984ALSttUDgD3FIVztWvo1kuYIT9ou7aITPaQuvm4YEKMEdWKnGccnrUumzTXmm21zNZzWUkkaO9vNgvCxALI2CQSD1OfpXj1ra6enxq8frfXM2lahqGhWc0Ea6i6uGaOcSqnzYbZjPy4ABJFYtjcXlr8I/hv8AEiznuNUvtBsYX1GMTs/2u1YFJc5YhpUzvDEZHT0oJufQLRrHh3Koh3Yk7Y9Sc+uB+NMkcRqGkKx8ZDMQAe5HJweB2rwjxRpr+GdJ8FXusiW10PUr+6u9faO2WeOCa4TNussZBGxPMaPJU7TggZqmNB8MW918NYomvtW0NdbvFSbU0P7y2eF8lUCKBbiQqq8Y4oLue6aleTQ2lrLYLZ3KSXEcbNPciNfLJ2uUbkM4PReO/NZOg+LbnWPGPirQLi1gt/7IW1khnjlLGeOZHYOQVG3hOgzg14jqFhaW/wAOtasraxk/4k/jtZ9NgjtGYRW63MchaFQP9WF3n04PrXo0K3l38YPH39mO2nS3mk6cbPULiyeSDzEMof7xXcQsqjGf4h/doFc7TxNf6zZ/ZItD0u2v7ufc7TX1yYLaFFKjlgrEsSRhcdyc8VW+H3jB/G3h1r66059Iv7e6msb2zkk3LBPExWQB/wCJeQQQM/lWR4k8U6/4E8NRC7lufEeuXdx5cVzpejSBYEBUM7xrvztBOPmySQBzVbwjbXWoeF10/wAMzal4VjtJcG81rSg0t1I25pW8uRh8xd8k+pIHQ0DubLeNJrP4l3Ph28itLfSk0YarHeMzLJxKEkD5OAAMtx6Vr3HirRbe1t7ybWbCO1uM+TMbuPy5yB8wQ5+bGOcAY5rxv4peFPE+peOtJmsxNqs1p4ekjvSbCSO11RhPHL9kkKA7BIARwQMgAnBIOx40vLzxVcaI9r4U1iwg1DRryzkkj0/Nzbs6qfsZVvkjQgHMpBHQAigVz03VPE2iaLJGmo6zp1kZE8xPtF0kYdeMMPm+7lh8wznIrlPBPxDj159Ts9Zu9JsNXt9XutLitYbpQ0wjK7XVWYMxO4HgY44rgPB/h24vtW+FB1vwrdlrLw7caZqEmo6aXVJQsaw7zsxtJSQKT6k8Z5PE3gQX1l8TdF/4R2V/EWr6r9s0S++yYAV0iEUwuAMRrGySZ+YEDp1qhHtN5rGnWF9FZ3WpWttez/6qCadFkk9gpYZ6EYA6msDTfGrSeO/FGhajFa2EGkW1ndRXTSkbkm8wfvN+ApBjx361514h0W+s7f4raRrOmXuq32vbLjR76C1Mqzt5Kxxxhhu8pklXIyeN+4Y5rmfFel+JtP8AHct9PZXWu2tjoelprOni1kePVGgL+fEjgfM6F1l2/wAe3HapKufREuq6fC0Pm31pG1wu6IPcIplHTKZb5vmyKztU1bUtN/tiY6bFdQ2HlmOO1ug1xNHtJc+WR8rgnCrnDYA6V5J8RrpbvxD/AG5oltJdmfTbUt4f1PTJBHfx+a5VIHUAwXCnJKjHVfSux8EPbaf8bvH4SFrYXq6bPkxlVkdYmExDDgkblzju1AzubHUrPWNLtdRs5kmsbuNJrecEbXVlBHJPp+oNSbWbgLx3wRz9Mn+VfMGm+RB4M8M2Op2jC2nk1yPTry8RpraOL7SfLVYxwZXCjyycBRkg9Ka+uNqHw98K6pPcQ6lfWnhiKK/0rVmktZZdsm1pLaZulyGGCvO7gA80AfTywmNSAuAv3uOg+mc5+lMtrqK4nuYYplaW1kEM6ryY5CqttbsOGH518/8AiDWBqHjvX7fWvEN54U1K2mtr7Qla2f7Q9sY02xwLuCsS4kR4yCckg8Ckm1DRfB8vxVt31C+0+8k8RW+2G1uWSZ4pRbdmI2KzfI0owQD1+UCgD6GLHkYYfqDUTJ1J3EAEnHsM187f8JZqTeHtdtofFEtpPpXja1s1ewv/ADzHZzmHMZZxmRV3sASBnb361oeItQ1/wzZ/Eh7XxZq0/wDwid3ZT2EV1JHMHWZYnZJjt3SL8xAHbI9TQB7ZZ6tbXWpXtkkjfarMRNKGXagDglME8HIByO1RW+uaZdavd6TDexS6pYxRyXNqGzJEr5Clu3OD09K818ffEfWvBOr/ABHlivGv7TTtHsb3T7eVF2WryyyRs5IUZAGH+bPC4rmfEnia9+GHjvxhq51BvETr4StJreWdUAZ1uWRf9XwVzKD7ggdqdwPeZI+Mq3OMGofLbaRkdM9QOnPfjt37ZrhT43vvCXix9I165XVLGbR21W21C3sysv7uRI5VMafeU+ajLwSBkGsH4ifFTw5rWgnR4tZk0e11KG4+0Xd1FJbSeTGNvlJuVSruxUZ7LvI5xSA9XZhuVgyuhUEMDnOcnPpggjGKjVH3Md3y5+8zYA/P3xXnXwz+JnhdPhf4H/tDxHp1pLPpdtbr5sygl0jRHVQOrK5wV6g4znNYmofEC+/4RzxvN4i0qO8stH16O2VNPvTEYV3QbQTjlVLKxOfm3MOgoA9l2bTgjaRxtY5Oe9LXE6l8TE0vUfFNrd6VcRTaHHDcbFlRjeRSnajRcgHJBUkng4Hepv8AhZtjD4mt9GubC+tDPdrp0V1Mi+UbpofOER5yQAcb1ypORnpQB1vGeaZt5zSX0Ny9nciydY7pom8l5F3orYbHGeR9a5/4ba9d+LPh74d1m8KNd3tmkszRoVUvyDgduQaAOh3DpVaYYarDR45qLy9/U0FXMlmYKMckmnohOeSOKsyW6q/BpPLHrQFyGF9incMipwwZeM0ghHQU9YyPpTsMiweabtDLzUjr81NK0wK0nfimP938KsSR/LULRn8KVwKUsmCAKZIRwT1qWWAs2RxTPJypB6+tICKNl8zOOamcj8ajMTecwUgBR1NNi3MWDHJFACkleByaj8zP8OW9B1qZlPWq13ai9t5oTI8KzRtGZIywZQVIJBXkH3HegY9sqMHk+vHP5ULgLnvXnng/VLTQNb8XafcXF1pdnZzQywW+rzllSF48GRJGZsqzrJgBjjAHFO13x5J/bGv6WkMraXa6H/aA1DTZ4mm5aRWZATgkbOB3Kn1qgud1I3pULQjJ7VzafELTEW9Dx3qLZ6dBqXmtErCWGVfldCG5Oc8f3uPSm3nxF0Sy1aaxlvmhmRnQtJC/lFkXc8avtwZAMZX3OOhoYXOjVAM96TaG+8M1ycPxG0bVNJ1G60jWtNlktrYXBluWYQIG6O5xnbnjI7jFW9G8Tyaj4p1nS5IoVis4LS4t5oZCxljmRjlgenKHH1qQudGPxp3PTNO3BlGOaTFUFwGaKXGKQ0DGkmmN3qT2pi80AQ1VmVt3U1d289KiYBsj9fShgQqzbOuTVaWR9x6j8auiIjkKdvqAf6mo5IgSCR+JXBqQKau+2kknZashd+Rtxj0pjQr6c0AVFlZW+bnPrTmuSO1T+QG60fZ1PYGgCt5hPaipvs49P1op3Av+PtD1HVtU8HSWNoLkabq638++VYgI1SRSQSDlssOACevpWUfhJp954i1LVNTup7wXV+18ttCoiRSYPs5Rv4mGzdwCv3q7HVvElhpGraZpUyzNcalJ5UZSPdGvpvORjPPPJ4HFZmp6pqNn420GzjurGLS715IGs5023MpETPvDE/KAwVcAchutaGLH6do3h3wLpYW3gsNC0+GFIGZmEXyRg7FaRiTgbjtBJxkgDmti1vkkvLIRq98l0rut3CokgVUGdzOGJAbPHYkVx+qR6Zq3xQ8I3UMdjqObDUI2l2pKoK+UQCWB5AJHHTJrzzSR/Y8JsIrySy8P3GpeILSzto59kXlrbsUC4I4VzIFxx3FIk911DxJomitEt7rFnZyTTpbKstwis0z/AHVPPDE446cVia58U9K0PUZdLjiuL3UhDOLfYoFvLPHEXMO4ncGwOcjaMYFeN6P4Lm1Pw/qK6J4fmnutQ8L6UqyRW4XzboTbpQzMAN4G3JLAnaDngV6l4f8AAOuWWva5b3B0uHQdRurm6W8hTfqDCYNm3kHTCOx5DngAdKAKum+JJPFcelRa1oVj9o1fwZc3zXglaXcuI8xhdgG3LqxJPoMenQ/DvxRu8F+BtKOh6vefa9GsxNdw2gNlGrRAfPITjHHIHJz9areH/hPJpiaGLrxFc3UmmaQ+jKtvbxQ74HCcDO5gwEaDNd14Z0K38L6BYaPZGdrOzgW3h+0MWbYucAnABA6D0qQOfDT3XjzW7qzSCRtF02PTLVZsiHz5T5rDIPACpbg+xxWFrjeLLHXPBGteILa31XTrS/uJLuLw7bTSpD5kGyCRkYMzlWDjKg439uo9MtrRI5LiWOFUaeTzpGXALvgLuPqcKBnrgD0qZY/J3OGA2glmzgqADknkcDknkcA0hnz5q/wf1rX9MsbS1s7+00648R6lqKLavHE1hayxFIgUaQDliGMQ6ozZAwRXY6t4T8U/ETwxpFv4m8O6Sb+1ikD3UGomCaGbgQ3MDop8vjcTH0OB6CvQZvFmj2uhy6suoQ3enxtsaexBugD3BEe49BnA7dfWoNF8faJr2t6dpmn3ctxc32nHVYJVgZYXt9yLuDkYJyy8AnGecUAcvZ/CvW9JvL+5tPEcM0+saTb6fqr31q7ySzRxeV9phOcglc8N1zntXoHh3w/pvhvT7Gy02yhEVlBFbQStCjSlY1AQ7+vIAz6ZrRW3BGSnQE9h+IqO4nttPjMl5cW9nEoC+bcSLGvPQgvjr798UXEc5ofwz0fR5LCKGa8bSbK7fULLR5pFa1tLklizLlA5AZyQpbaCxOM4I6bxJoVn4w8P6ho2qrJPp2oW5gnCt82OpZT2IOGHuKypPiBoNp40g8LyahbLrVxaNfCFpVACgqEVju+8clgAeQrHoDUlt8RvC939uMeu2ssVnD9pnkywxCrbTKOMOucDKnqQO+QwK9x8OtO8U2WnDxhpdjr99pymFLiQsVcYA3lBwrtgbgOAcj0roNF0LTPDdjHp+lWFvptlGWKW9rGERSxySAB3Iya5/wAL/FTwz4u1Kz07S9Se7ubu1N1a7rSWOKeNcbvLZlAYgMhK5yM962/EemX+qWIsrDUZdIeaRUmvIdnnRx4OQhbIDklcEjjmpAvy6bZ3Uz3Etnby3Hl+SZZYFZjGTyhJGdvPSsPxJ4IPiBreAajNp2gIW+3aTaWkYjvCWDfO+MqDjkL1HWsf4Xz6vY3Xiyw1DV7jW9K03U1gsNSvwomIMSmRHfChtrOF3AdQayPiZ4nsPCvxG+H+sXuovbad5epQTgXDGFtsAZAEUlWcsSBwSTgCgVj1Fl6tjackHHr3+nGMUsbFeMkqcArzg+gOK4688baxY6Ppdzd+HFsru9m2PHc3wMNguwuWuJQo2lsBAoBAOMHOa5ofGy81Xw54P1PRvDsN22v6jLpZSbUNkdvOhlwC2z5lPksd2D24oGertIxYr5h3KNrDIyPQEA8D60i52ldxKt1GeK8K0u/8V6D8RfiE+i6BpEupyafp2pXtnNessSSGKXcsZVMu7EcE7Qcc11nh34rT/EC4trbwnbW8M0miw6u7apv2jzmZI4Rt/iyGy2ePl4oA9Ce6gS8W1FxGJpELx2+/EjqoySB6CpVjEbDnL/c69sDGPXg/pXz3r3xY0t9a+HXxCnsWsPOsdWsriMruaK4URqIGkA4HmAjceAGJyOteh+MPHGt+CNA0S71X7FHFdOw1DUrK0lmtrJfLygKBtxVmwPM3YAGQBkEuwHftfW8N4lq1zHHcMjSrbvIFcxpgM+3qAMjn6VEviDTXtobtNTtJLWefyI7hLhCkku4jyweAWyCMdeD6VwVl4xub7xt8Pobuz0O6t9c0u7Zr60y7pIiK0iRMSf3ZH1yQcmuO8Oa9deC/haXisdOuUtfG01hcRXycRRvf7A8YHCsu8EHtSA9yt9TtNQa4ht7u3upLaQx3EcMgkMLEA7XweCRg4NTgkKV/hOcjtzwa8UtvFP8Awj/xw8b+FtLFtb6zreo2U8D3UR+zhBZgyElWXL/KcKDuJOegJHqev6lfaR4Y1C/tlt7q+trR5l86TyIJJFBJZic7EyPXgcZJIIdwNBlO7hmUFskA9/WoLm4jskTfcLBHvWOMu2BuYgKB+OK8wt/izrE1v42ht9Oi1m80KytL+0ls7aaNLqOXdvwjMWbbsdhhgX4HSqGo/FX+0fh//bqJoXiazg1u0gLrG6BEeSJS5iZmZJkdmGCeCAR1pAevzK8dwZN7A8pgE9jnn8f5VVvbAajYzWonngjlXDfZ2w20ckA9iRkZHIzxXF+FNa8Q3XxU8f6fqFzbS6Zp7WZghjVwyq8JYEZPX72/3213asHhQgcEAikVcrWun22m2NtaafFHZ2tvGsUUMP3Y1AwFH0HfvzmlWFvl3lX2/d3DO36elWQeRk05k7g9KAuUPsKtdJI0aSNGDsdkBZM45Unp0HSql/oFvqkkzXttb3KyqI5RJAp81R0V+PmA9DWyjbuTzRtzn0ouM5+58J6LeK0dxoumSo5RirWSEEoMITx1UcD0qveeB/D15HfLc6HYTC/Km6324/fkcgv/AHsY4zmukKblx2qKSM0wObXwT4f+2XV22k28k9zafYZ/MYuJ7f8A55sC3Kjkgdu3WsWx+DvhPTZTLDovmf6K9h/pFxNOj2zdYtrORt64AHHUV3q4GAelRmQFiM89OaAOS8P+A9N8M3sV1ZLdNcRW/wBkjmu7h52it8giGMsTtQED3PGelbEzSXkNzG4Em8Mp8wAk56nn39a0mC/dDc+1VnYMwxyVNAHOeFfCdj4X8N2Gj20azWVhEsMZmVH3YxuPTGW49+B6VzHib4RvrVt4vtbfXJLKDxFLHPPC1usqwzqIwzKcjIIjXqcAMx616YxwwbuOhqP5T8pAxjGMUgPMfE2mWXjH4o6Aohuxe+HyZdVuBA8du8OFlijJIw4E2yQYLcK9U/EXwq1zVvF02sQ6npjiHWLXU7dr6KQzwRxqAbcEHiPlnGOpbmvWmUbRzxnpQqhcbeKYGHoPg/TPCt5fXemW1ws9xkyLNdyurEEsCA5KoDnAwOgrmvA/gO+sfhnpfhvVrq70i+0/cklxot4AzfPIRhwpGMOOCMZX2r0DaFwcDjp+HSo2XcRx2x+Gc/zJ/OgCCxtP7Ps7e2M810YY1j8+5bMrkDBL+pyOoGKdMwUYGBn2qcqduPfNVpkycUDsZNvM8jTO7ZHmEKPanNMwkDLyPTtU7WoTcPujPaoPs5V878jsKBDrCZpFJfrk96siTLbQc1UhsymQ/OT+FSxL5TFe3rTuVcnbHHPNI8eBkGmMcilVty4pgM2nFRMe1T0xlG7pSsFyrIQqniom2rg568VLcnb2zVFt+7JHHaiwywygfjUZU9RQ0pGOOaTzHZgCMCkAEHuKimt/Oglj3vF5ilN8WA65HJUkHDAZIPqBVlhkUzcOVPSgZy9j4MtY5Lm41GdtduJ4Y7eSe9hjZfLQkquwKFPzsxJ7kA1n658O0uruabTLq30iKXRptJks47RfL2kuysoBG0Aux49OldpIRjg1GvSncLHlWqeF4brWvB+iyTz3Op6NEn264t4HW3ns1UMFZiMfNLFCdueCx9TVmP4f6np/jDUbuG00e70+5vZdQW4uov8AToZHQ7ogdmMMxIDb8hcjHNelMGx1OM569/Wqe0LkEfL0A9vSi4jxiL4d+I7LQbbT5dMjnMXhS50QtBco2+UsDGVyQccknnq2K6nwroup2Xir7Vf6fJbxPodpavIXQgXETPuX5WPZ+PpXeswLHPc8+9NaVd2wHipAEUqoGOfWlOfpSrJuyMcCnfhVoBu7ihqUdDSBDjNA7kf8VHK9OalVe9NamFyHDbs1BdxkqMZAyAzY+6Omfb61dPQVFIuedu7bz/TP60PYZ4/4XsT42tfEd7qjT/2jJqV5YpKlwytaLG2yNY9vC/w9PvHmr+jrdeKPE3iqzutQvYv7MmhsLUWs7QhFMKt5mFIDMzMwyeAAK6u48E2kmr3eo215f6ZPdkG8+wSqq3DBdu5gwIRiOMrg4Gc8VHceC7dbwXml3M+jXUlslrK1qElWaNBhCVcEb1XID5ycmoA898M+PNU8ZaxpejXd3LZiK2vZr2axZY3uZYJxAqq+MKOC5A5PA9ab4j8catoNvrlkdUkRtDvrAtfGNHkks7hkGHBGNyjeM9Twa7qP4e6fYW+kf2XPNYXumGTyLziQyCRi8olHG9WY7jyCCAQaz9a+Gv8AbGi63B/aqf2nq8kM1xqHkALthYeUkcYb5QvljnJJ3c0AQ6P4wbVPiHeafb6ot1pS6XHdxxeWARL5mxsNjcRgD2ya7L7XhASmQ1Ys/hu8m8b2+uteW7Rppx094SjKxBkEm8ZY45yMVurbrtGD8vagBguFP8NFP+z44ooA2PGPnzXugJZX8cN7HqdvItkQjm5j3bHBHHCqzsDngrWU0cXxDv8ASLtNElg0+xlN6l9f7Fddu+MxKgJbJI5PQgDPau5mtbd7gTvBGbkRmJZyg3hCclQ3UD2pbe1ihSOKJBFEpzgDOMnk/qa1Mjlbj4Z6PLdaTJamXRrfTI5EhtdLdLVcSldwYqATlUGcc9a6G20TT7O2tIYLG2gt7OMx2yiJR5MffaxHAPU+uK5u3+JGnXeha3Lc6ha+H9QsWvI5bcSC4ltlhlaPzCn8QyAfxHrVTXviBZ3Gi+I7SDSpNetNP0yWS6kNwkSyFIBI0RUfMp2MDnpk4pEnoFtLHPcXEazrcSoQJVVy+3cOAw7EjP1BFR+Hdfs/E2nveaa7z2kdzLaFpFKFnifa4wemD6V5J4b8QL/wuDUNAs7hdIfWUsNTPlRoyyKtqAYUZhguSVPrtRiKraZqlius2Wka9IkPhi81/XVufOZo4mlLAwKzZ4yDIV9SoPYUCPVZte1L/hOodBtba1+zR6aNRmknLCST960exOirnCn5t2eeOcir4L1rxBdeMvEOka1daXewWdnb3SHT4zGbRpGkJgcFiWwg3BuMgDjmuN+EdtqVn4h0CPUnnuLn/hE5tnnOPNeJL79yrktyfLKDJ55zmuu0XwxJqHjOXxhb+HG8N3n9ly2Jt74RJLeTPKrK8wiY4VWTG7JJ3HjFSBQ+MXhy/vNGvtUsdc1S01SD7PDolpp1y0EX2hnAXzVBAk3FsEHOFB9K0vj1qFxY/C3V2hkLedcWdpPLGQMxSXESSZx0yCw9ADUGueE/GviLU9NvR4i0nQlt7VfNij0+S8K3TACWVPMZRn5iqkjjca6OXwYut2N7p+s393rel3dlHZT2lwybN6nMkilefMY7SeTghfSkK5gaTbfY/jp4206yXyNPm8OWtxLHAuEWbzJoUbA4yYwPwUV5/wCC9LTxFN8I7BtUvtKWfwXdxtPp9yIJXCSQFcydVGRnjGcY6E17Rpvhn/hF7fUJdKik1TU70pvutSu/3koX5FDOqHCqCcBV4+bu3Of4F+FeneH/AAr4csdV07TdS1XSrH7H9rEQkCgltyozDoQQDwM46UXGeKN4yh8V6L4Bt/G/iMaboupeHJANQmtzPFJfJKVcH5xidYwCCQcZYitm00Hwlb/Ea3t/FNrcarZ33gmHZJrNs09xcSLOyByqjAlKbQMDdkggg19CWuk2On2cdpaWdraW0bB0t4YFWNTkchQMZ6dOazrfwgi+Pj4sGpXK3v2D+zfsqqgjWHzPMIbI3EmQsc56U7oDynwD4T8T+D9S8EPfaLd6nct4UuNJvHChljnaRHhiuHyNg2YUsc9COuaTwP4Z8Wx+ING1S68J6pbovhu70a8t5p7aGO2kJQpHBDuGIhhgpP3s5r3mOMcsvGc5G4MOamjXCgdAOlK4HkPhHwR4is7f4TxXuj+T/wAI7p9xZali9iynnQrGuwq+TgrnjtiupuPA1z4V8NX8HgV1j1q82R/adc1C4mVOCC43lzv64AwDxk4GD3AQHjqPSpAuBx9KQHC+GPB+p3GhzaP4rtfD0+iiMJDp+nxyyrI+4O0kjy8sS3qMk5Y9RWL40+B+neJrrw/Y29ppVh4b0p55ZdLMDt5/nRsj42kbSA24MM8qvFereXlcdqkVdwwT0oA8iX4SeIJNH8PWl54xa7u/D979qsbmaw80yRbGRVlUviRkUjbIcbSOQTUmm/A+50yz0i3Him4uLfS9ak12ESWUW/e7OSjEHowkcZ+nC459VeBOh6E5/GpPlXBPGCSD7nrQBxeo/DuW78T6jren6zdaTPqVjFYXsMMKyb0QsV8tiTscByu7B6+1QR/CrTtNvtKv/D91ceHLzT9OGlLLahGSa1HKpIrghiCDtYAEkntXdgh+Ooxj8PSpH/eD5vmPTn3FAHnf/CmdF2+F4Q9ytroKXCx28ixyJcGcETmbehLFucqKj0f4UjQNK0vT7HxNrKwacjxW4laCRhEygGFg6EMg52hs7ccYr0NsKNuOTx/n86csZ79adwOC0n4T6RoNx4UksLi+th4dWdbGFXQrIJj++3Apli2SOMAbvaoZvg7pV14dvtFk1XVXtL7VP7YnZJItzXHmeYcfuztUsqnbXoXk5yD0PX3pWBbg896QHnOufBvR/EV1rV3qF/qcl3qjW8s04liTyZLc/upYmEQ8tgPl3fhXUa54ZtfEnhK90HVJbm9sry2a3nmcgTOrDG4lVxkEDkde9bTx7SMcY6Unl9yOetAHnDfBmxW6vb1Nd8QPf3NjFZNdNeIzAROXjYBVAyrHj6nPNVtX+DlhrOn65bz39+txrV3b3l7eIIUeWSDaUAATaPuDJxk4Fenldx+bn60vA3HPJ60DscdY+C47fxtqHihLq8jur+3it7m1yginaJSqSEbQcgMw4+Xnp0ro7a1aOFFOcqApLDqas8fNg47mmqwboelAFWWB1J705QVUAjJxU7daGIB5oHYphWSEDHzU6HftO/irDH5cimZ8zmnYZGTio2bOakZaTZ7UgK+z15zVGYFd2Rhs4FajLUZiVmywB+ooAyn3RqCRh9+M45xSLhp5/YjjFaFxCOtQLGFbdnLHrQBWZmHzNwg/OobiYI8eM/MfT2rSeNWHIFQXEQ4PUigCq0oaMYPNSRN8zL3pdgbtkUbduTjmgBTSU3JzTv0oAYWI96pTXDbgeNobB/KrjZqk9qWkBDbRnJ96B3GRzmQ7W4JGQfWlVDJkjgjrS/ZHVkbqFBGc06ONtr7uM0CE429Rx2qu0g3Z7VMsPXBxUElpLwAepzQBIMOvSl2YxjiiKMqSCOal46frTuURMvNMkYBeamZeOtU7rd5mDwMUxWGbg2ccmmMoJ6D8qYuVzng0rthmPpSuUMaEb8ml2qw56+lV4blptxYYUdPWmySeZcLtyBikBMzEH2qNsY6UXDHbketCEMoPWgBu3dSYxxUjfKOmKiDdaB3ENVnj/edKe0hVqb5m5+eKBEU0BxVU2+GyODWkzLt61Eyrkn2oAqqpx6GpI14pygSYx1PFMWZWwF55xTQC0u40/bgU0rmmAham4JoK807tkCmAxsgUxfm+tStlh0xTVXAoKInB3c1TupNzNkdeSfWtCReOagaNG6ipsBnrLtXim+aWJz0PWr32eMnAWmNaAHOMUgKrSH+uaYtwFbn5qtNCOlR/ZVXoMUARfbB6UU8260UAbvirxfN4e1jRtOgtFne/mEJmkbABZgFCqPvHJBIyOA3NeSeNvFWpQ6G81/4oaS4kuJp7CGMi2Qxw7VEiBCrElxKFVt24MCegr1vxT8P08V6rZz3Gp3tnBboim1tGCBmWVJAwfBIHyjIGD054q3oHgnRPDVvHFp+npH5WCkszGab7pH33JYcHoOPmPrWpkeV/8IXc+IrjWBpuiyW+oxvrHmXc1v5BnS5jKwRhpFG/AbcecLs47V0cfwiuNX1WbUb42Gl3EunPpjTabuknuY3gWMJKcqjeXhirfMTkc8V6byWySSfc1Kvp2AxSJscbZ/B3w/JJ5179s1Kb/RnWWaUwhWgj2ROgjAIO0sDzzurrdO8O6XpUNxBZabbW0V1ObmaNUB82Q/xNkZLcfePNW4+CAF68dPT/APVUvnp9pWAsouHRpFt2cB2VepAJyw96BGdd+GbDU9esdan+0jULWJrdHhu3iDxkhisgB+flQcH0rdgUp14bGMdMAcAfTFM7kZ3HoW9sAj+dO+6px6UgJdo9B0qVTwM89qqLMxwanRuMdqTFYtAgryM561OrA1UKsIwRU0CtsyTUjLCsB3p+5uNtRovHTNS5OOlAD2dgATySasRrtX3qpIryKAvBznNXVPU49KdgHL96nN2pF78UfxUWAljozikXNDUgILyTaq84+btTHYyoEAzk9ateT5nUZp5jXbhhQBThaWNSHXocAipxKVX1H61LHGqqRTlVV6YoAhkUs6HpU3IpcDriloAZSqM07bu9qXaF6cmgCKRT6ZqMZzyKsPnHpTPagZBNxGxxzVZ5CVA9qunGOelRNGuc4zQFyuF3MCOmMEU1VKqxUZOanAA6DFMXIY4oAgWRmzkYIpzqGKu3T+72qZgOuBmmSbWAz0oKIpNqqcemaZbH9ypPWptqbumaTCfw8e1O4DG9aY1Pc1GTSFcKTA9KKRqBkTKW6VVb5ZnBxirbdagkhXcT3NAFV7kJIFP3TwD70NMrkgckelJJahzjPGc00QeUcAYFADyuFpjdKcQemeKaynHFACpH3IzSNSr93rTv4aAIgBuPFN25zTmYdB1oOFHP6UAQs2M5/GoTMrHjmi6WQFtnKsuB9apbHhR0biQ9DQBb+Xdx+VOaQHAxyKrR7vOYDkkZA6URrIsp835Dj7v/ANegC1uGOlRfdYntUwXtikeMbaCrkO7JpkgDsOAaXyyG9qGXmncZVkiG7oKY0YLE4xUlw7RK3GTis+4uJI9gH8XJ9qQD2t/mzjFK9upwQcH2qJ7p2iIUcg4zU/mKowSM0ARSQhkxmo1j8sbRz71Z9iM004XPagCpJu3Y7U1l2rUz5Le1N2+vNAFZo80zyzu5FWWGaaxGOaB2K0kZZcDg1GAzqVxg9Ks71DDFMdl8zg80CIoozCQTjFVI7fayY3DDZNaLYPbNIv0oAQqeaZt5qaT6Uw/lVAMZMikXhcVIfu0z+KgBrU2pSPaozxQUNao5O5p5bNI2MdKGBRNwzNwKeZAFyac8IHK03aDwelSBF54PKio2nNTm3XtxUbQigCH7T7UU/wCzrRQB6E3fH8s/pTLibyQW6915Bz6kgdK84+NfxCn+G83hbUHvvsukz3M63saRhvMCw7kAbaWALAZAx1Nc78QPFWqfDLSPDEGhSx3NrdGOee+K+ebkSTRAkF2LBNszNvxxhVrUxuel+LvGFr4M8I6lr96Ge1s4TJtVgN5JCgZPIGSOe1ULH4nafb6fajX57PRdbazkvZtPScTmOJQW3Bhw37v5wOWIOe2R4r408PDXvAfxV1PUL6+1S9sdUm02xtJpmkiijWeFxsjz164OOgNdFpfw91W88beKRdeGG1GxvQt7pN7dXLR2Cq9msJiKDBDdEHy4AJPaloK50evfEG08Sa14JCQ65Y2eqNfwLD5iRRT/AOiB18wKxLKFbcpBJznkEYrzP4S+JLq2tfh0yx2h1C48L6wYNWmVpLiB4mLcFnKkE7Qd65+XFdz4O/Z91DRY/DW3WItNt9H1K9v4LGQvemGOWJYxAHOwEDDtkDjeBXU+DP2edA8LQeH0k1LVNQk0i0uLO13usCtHOWMgKqMnluDnPFGgjjvgF8SfFPinxrosOua7NqttrfhMat9nkijiihmFxsHlqiDHy8EEnP4V9Fhty5HIbnPpkDiuX8L/AAx8LeE5rKfRtBgtrm0tvs9vcYeWZIGYtsBc5AyTwDjJzXUKybWYOhVDztYMB6KT654P1oAWOP5cVYRQABiuN174teEfDuuR6Je6/aR6w1zHamzjZpJUlcgKrBRjJLKOveusjkZ32kgkE5I6fU/keB6ipAvp90VKqn8K4r4leMrnwN4JvNftrKO/+yNGWiln8hNpcIWzhiQNw4ror7xZo2nz3sUup2kJs0864V5gDEmFwCM5647c7x60rAbC84HSpcqynB6da5mTx5oa6Yt/Bei9hkuGtIVtY3eWacdYUjVSxbg9sY5q14S8TWHi6xN9pM7XkAd4ZgIWSSKVTh43jb5ldT1BA9hzRYDbQ7sntj8vepI2JwCMDOM/4V5D4y+JBj8earok9trB8P8Ahu0ju9Xk0aBnklkkJZUZ12lY40+dgh3NwOQDXpOl+KfD97baVJa6xp4iv4YpbQG6USSJIBsKqSSc5HXpn2pgbasMkA/Nt8wjIBC4JB9h8p60lvNHcJ5kUsc0RYqGjYMOMZ5B9+9ecfDy2tvit4IvtY1dHddc1GZWjVtp+yw3BjjtQR0QiIbgOu9j1o8D6LpHgXXfHeu6fEukeD/3CrBBEzxedErCeWONewJCZUYYoeOKBXPSb67g0+xluLmaO2gjALzSMFVRkdz+X41n6D4k07xRby3Wk38Oo2scpiaSJslWHVWGBgivNPit4otvGnw9sr/w/qjx2MOv2FvcNLZSKSTcR8DzApIXcD0w2fbNSa1rnjHUfFXifRfCb2sOo6Gto008y28cNzNJGJHkuAQWCMoC/JyMH5jSsFz1/wAw7c/d98VTuNbtodS+wMJjP9ma7BSBmXYrKCN4BBbLD5euM143r2v+M7rVvHsFt4nTTU0bQ7bWrKK0s4pAztFI7R7mBJj3RkZI3EEc8V1mi+LtW1D4jeCM37LpOueG5NRk09VTak6+QwYNtDHiQ55x1FFgudf4b8Uaf4v0e01XS5mksLpnEMkkTIW2SFDlSM/eUisTxV8WNA8G6hJbai92vkhPtc9vZyTQWe8ZUzSr8sYxg89jXKfCXWNQ0P4Y2iaX4eufEVxHqmp20qWtzFF5Wy7mPLSEAjB4xz19TXS+PNSttS8PTeGy9vpOqeILQpcxXToDawOoSSWQ52syphVGTklR0BpBc7M3CzWkc0DB0kQNG6HOQw4Yc4ORyMdu1c3qnxBt9K1m40yPTdR1aazaBbxtPh80Wvmn5N4yrHjB4BwKRtZ1LTo9MtfDXh2PXNASCOFL5NTiiWMKfLK4Od21QM+pJ9K82vrSXwv4v+NWpaG9zLrtnplpdWQ8+Rz5htnJ/dsSGwACAc7c4GKdgue5RybmMe751JUnjsevbI57DinqwYlsEYOMdSPqBXgkbWt14Y17UNG8eNeLe+GprlLGxmnLxSRoXW4Z2mcxOGIUgbQSenSnaTq194f13w7Lomq3mqXuu+C7m/WC7u3uBPeRxxPHIqyN8pJZxgY4BosFz3edmhhdgjSsqk7Y+WbgnABPXjjOKwfBPiy28deGbPXbSGW0trppAIrjG9NjtGQdrHnKdM968r8NaqUHwp1nQNRuLu+1aVbbWoHummWaPyC08sisSEaOVAMgA8gd65z4L+JIrbWLLTfENx9l0ePUdRg0OaG5ZIJ7r7XK0iXByP3hXBjU/KQHPJxksFz6Lm3OwQBlOD0xn8ieuM1xzfEYW+q+FNNvNI1CxuvEElxEiyqmIGjVjiQgnGQuRiuI8J3j2/xIsre+uZdUtNXu9Ris9ZsLxwc/OzW93bljsMYUhJFwPlHAzg8Rca5rI+GfwsvtIuk1jxHa+IL+zgXULku077bpFDueSSAvPTlQetILn0qs7NCGySR1PHGP/wBYqVmWPknB45wT1PXA/wA814fJ4k0C88A+EW0/WNRk+36qkFxBd37QvNdeXIXiupc7oVUgthOygAYrldH8RXPijwv4Cil8V3xnj8XXOiXb6dqRVpLfM3lhm3bj91drPzinYZ77ovjKz8Razr2l20N1BdaNLHFcJdR7c+YhZGQ9wVGfxrRed1mAALjvx3rw7WvB8Nv4w+I8S+JtW0aXTdD0+7tbyK+2uzxwyoJZT0lIKKpDZBJ9TVjw5rWv+OL7UbLXdQvPC+ox+GLLUrNLWU2+JpEYzzsOjhHCAo2RjOBzRYq57QrSsxLPjJwFzt9+tVLjWorbWLbTik32i4gku0ZIGaMqhAIJHQ5I47814roOqeKvH2ueHjeeIdU0c6v4PfUZbXT3WFBcpMih1BUMoIdXIPPIUcZrZ8F+Mda1rVPg5qNzqkjx+INNujf28aLHFLPHGjCXGAdxO4Y6A9KQrnf+H/HGj+KNP0q6sbtpYdSMyWrzRPF58kTMroMjAfKtgHrg1vYA6cr1U+oPf9OnY59a8K0+CWP9mzxqYp/LvNIvdYu7aaM/NFNb3cksbLjvlePZqm8SfFDXLe4j1jTtRe5gS70n7TYwwRi1torvy98cjN8zyN5hKlMBQOeTTsI9tOfWobiZo5EAwR3PYcV5bcfEDVtH+I91p2sTywWjXF2bCJbdHsr+GOBnSJJ0Uus6spDKSM44z0OLY+J/H3ijwfLrPm2tppOqeH57uC4U25e2uhEZESII58wEAqQ3zKRnPBALFXPaRLhvmIIwOQaJMFsg14hrHjzxH4V+Hfh++tr+wv5j4a/tII9o81zcyIkZwyK2VjUE75e5IrQ1r4j+LBqmqJpVrpBtLbwzB4ij+1+azsp3b4iVIG444I+6CvqaLBc9am+Vcr1wTycDp3Pb/wCtVdZ/PEbLtYOA0ewghs85B7jHTtXnGlfEHXNdu30670vTAureG21vTrdJnI8s7VMMzNjJHmDlRjsecVl2fjA+MvBui6JomiW0VxqHhlNVks5bl4Y7aHARIY3RSS+8sAe23rRYZ66jCRcjsAfXggEHPTkU1pOcCvHfhX48vE8D+F9L0zSn1bVP+Ecj1K4imuPJ2on7oKp2Hc7Mp2jAzt5PY974c8baT4s0fS9RsbyNFvoRMkVxIsTjOQVIOfmBG047jiiwHS7c5NCvjrXmOi+MdS174xaUIrrb4Y1DSb9tPtQhBuTDLCPtJGer73Cjsu0j7xrpPiB4zfwVaaLPDp02ppqWq2+n7rcKwVZGHIG4EsV4Cjknt1osB1LKCcgYphNcPL8SNH0KbxDLe6jqckVrqMNrLFLYMotJJIk8tF+XcUZsHc3QsecGtXXPHGj6PJf29zcyLcW0sMBRbaVi8soLRpGAuXJUFsDnCsegoA3PtCNuHApNocZJBrF0/VLDXLODUdLmW8sLrmOaINtOCQRyMhgRgjjkHisiz8XXknxA1Lw5NBbx2cOnRajb3Ubkyyh5Ch3r0XBU8ChgdcyBT6mj73Xmopp9oA6sc844xTWmJhZRwx7jrSAtqe1Nk60yFh0DbiPepGG6gCJulRvUrLt96aygj3p2LIWAcfNzVOa1DdefTNXe2Mc01lBGSOaLAUPsg8sr75oa1UhexHerJ6Z6GovWkAwrtXGayvE2uW/hnQ7rU7oF4oNoEasAXdnVEUE9Msw/DNarE8Vw/wAZLVNR+G2tRNZm9nVY5IIki8x96yKflGDzt3fgTQB0ukXl3qVrvutNk06582RGtWdZCdrEZRwcFcAEfjVuTEUUjsjuFQttjXc7DGRtGeuM14zfWtovxIZLl9Wsy1xaS6Kun2pCy2vlhWhDlfkUEybl4HftWR4Jmj0/UvDyrq95m+n1awu2mv5WBjRmaBhub5doRcNjncadgPXbHxVZ32r2+nbLmC/uLH+0Vhmi27YiwXBP94MwGK1poyy5HrXkHw5183+rfDi6ubsXN3c+Gry3uJJZSWeRJYeW5znO7r15Nev+dlDyOg6fSkO5TaNkyaiCvvz3xV4jcv4VA+VUmgQyHzNx3nn2qwq4qJWGARxUgf1oAVqbTtwPA5paoBlNP3qlqNvvGgBh+9UE7iNuelWMZYD3rj/Gmt3cOseHtDsZBZ3GryTyPeNEJDBDEgZtqnI3EsoGQQMnilcdzfluuu0c0w3R2gHg1xXiXV9Y8HRwxNcx6k+oXttp+nXE0IUxO4YyNKqcPt2McDbnI7UzXvGEngXUZIddl/tC1bT7q/trq3hEbt9nUPJCygsMleQw9cEZxguFzszcFTnNC3W7kjFcTceJtU0bTNI1nV1sjp+oSQRTQ2qMr2LT8RnJciQbiEJwuMgil0/xNrHiCy1bUtGtNPnsbWaa3toriVvOuzExRnDD5VUspAU8nBNILncm6G2oGuhnGM1keKtabw74T1PWYrUXAsoGuTBNIYyypywyFP8AKqUmvXVr4i8P6bcWcf8AxNoJbj7QsxVYvLClwF2jcDuXBzjAPFOwXOm3J70UwKu0ZyTjOVbAopDL3xG8C3HjbUvDR2W502xup5rtbgn50eFotigd/myOnTrWJovwC8N2Wk6PZa3c3nic6TC9tbfbJdkccZkVwm2M/MAyDG4njHFdx4s8RT+Hre2ng0mfUvNmVZmSRI/IjLhS+T94gkYUcmsT4m3t3odxoMy6/HpFu2qQWxjkiUi53yKGVi33VCZ6d8elanObk0+j+Eree5J0/QYJpTNNJuS3WSQ/xFiMlvc80+HxFZ6hZ295p8q61bXFwtuX06RJgrMcFmIJ+UdznvXH+ONS0nV9Y8JNaXNjf3Wn+JII51hZJngZopsqcfdOeo9BnqBXLaxFJovjjxPc2FzJp2lLreiCdYJBHFJdMcXCvgY5Dx7gO/JPWloB7Lea7p2i2U11qOoWllDDGZnkuZlQKAThjk/dzgZ6k9aqa/8AEHQ/DElqt7emOO58phcxRNJDGsrbYXkdcqis/Ckk+uO9eJ+FfDujyavo88GmSancrfa/DNcR20lzLtLN5O9sNwCV2knGST1rY8DfDnxRpcmgzv4a0u5W60exsrifWJEM+jzW4ZWZYWGX3K2VAwcge9FkB1unfEdPED6RJqXhq8S3bxbJpNrN9oWNYHQyRhpFV8sQA2VIwSeOgpPA/jDRPAHh7X11GaW1U+J9St7eK2tpbhyd6nhY1OMbwcnjB9hVuH4ZavDJPGutWMVnD4nHiS0YWcjSEFzJ5b/Oo6nA29gMjJrsfCPhf/hDm1dI9Rnu21HUJtRkV41jETycMqgckEAck0gMvxPptrca74Q0y1t44GvdVbWLgNEVeRIU8wtJ3JMrQAemB6VgfE7xJ4us/BPit4/Ds2jWlpGmzUY9Qjllkg8+NZWWNAGT9zvbcTkY9a9H/s2CTVIdSZM3scD26SbyQqMyswA7ZKL+VWvO+z/OGCFB647f4UgPnz4h6fYzaR8SU8JSfaPCl54dtnNvYuZYG1EzkoqAE/vDEMsq9SQT3rd0S3vdS8D+JPDXiHQdZ1PVZrmC7fXNLtZYm1NJJI5IrhJChCSwpt/dHOPLKjg17JHcfZYwIVEEQXepij8tQGGTkA4HT0ouPE2l28ZkudUs44mmWAO1yu1pXb5Y8/3jlTj60rgeVaH4R8cxzaBrlx5viF9B1u5eOK7iSyvtQs5rZYTM6EhfOU7sb8F1UHua6vRfhHp+tLr114it5kfWdYbVBY2+oPEIAYkiVHaF13NhCzKMgF+DXoKSgQguyjnPXOSADnPr0/IVNHNvU89euc8560XA4WT4c3Wj+INWvPDdxZ2lrrWmwabe2l/5jeR5SskUyN828hGKlXxnbkt2O74e+HPh3w/Y6NDBo9lPcaTawW1vf3VqklwFiUBSWxuPHPByN3Xiti61CDT4WuLm4jt4VIBkkJ2hnIRc/Vio46nHatBFflRGwPTbjnjnkdc89uBimI8+8M+CbrQdC1vwZBd3ml2U1zcXWm6rZhXZbaWTe0KlvuyKXZBn+EhupNbvgvwCfB0kX/FQ6xq8UFt9nht7xoo7eFSVwUSJFBbCgZJ4wfWujkmS32+bNHAjME/eOFG7sOep68GrEhMIZ2STcgY7V5Ykc4xg5ycD8aCTI8beEbDx5o66bq8t0LPzo7gi3lMRLxtuTLgE4DAH6gVl+IPhP4Z8Ua1b6rqdrcPqccQhe5jupLdrmPqEmCMN6jHcc596yLTxv4qsfGugad4g0XTYNL1/zktJLCeSSe1kSPzAsxYbTkA8rwOB3rc+Kmual4X+G/iXWtIlgh1DTrGS7ja5i8yMlAWYEZHOOn4UAT3Xw+8P3F5qd3LYOr6narY3iLcyokkCghYiisAqgEgY7E+tOtfBegWN1p0sWnmO50yE29k3nSFooyACi5Y/LgDj2FNh8Z6W261nvDHeW1ml7efuJBHChjEjF2xtUBQT17+tULX4meG7y3vp0vZols7FNSlWSzmSQ2rj5ZkQqWkTIPzLwO9IDpNF8P6X4btZ7bTLCGwgkkMskUecO55LHsDVDUvAfhbxBfSahqXhzTNSvZAAbi6tY5XIHAG5gTXnPij4wQ37+D9X0LUNUi0Z9Xt7a7X+znRb2OaGR0Ee5N0mSoGExXWab8XPD+oaRqd0zXllLp9wllPp11btFdrNI2Ik8sjduckbe3HPGaQzsoYYdOt4LazgjtreFFjjhhUIqKowqgDoB2FQWuh6fa6hJqEOm2sN9JnfdJColbPXLAZNec/Ezxt/aHgHxxbWFxqWgeJNE057x4JNkc6gLlHVkLq0ZIIJU5HOcECul034iWLafeT+ReTWOl2K3N7qKqrwr+5EhQENl3A6gdDjnrTuFzfs/Dej2MdzFa6RY26XRzcLFbIqzdfvgD5up6+tPTQ9Ohmhkj02zilh4idLdA0eB/CccDHpXFa98RLO88B69qdzpmtWmn29hHdedps0Zlkhfdh4XR8ZTY27nPTI5qJtSuf+F0aClvPey6fqHhi4uFsnlJid0khKNtPyh8PgnOeakR3cWlWVvdT3VvYWsN1ck+bcRwIry567mAyc+/pUa6Dpiw+Sul2UcYbd5a2sYXdjG7GOuOM141deMbS40f4Ya9Y3+r6VpLeI5rK8i1W8YkptnBE53srANGdu4nAwK9Y8M69J4i05L59PudOtpDutzdFS0iAnD7RyAcD73UGqsMuR6NZWtxNPFYWsM8wIlljt0V5ATkhiBkgnnmqT6LpMflxrpVjGquWQCzjwGOMkccHgc+wrA1f4rW2i+II9MutJvLe2fU4dHS/lI2tcSKrKFQne8fzKu8ZGWxj0TSfiBFrHiK502z0y4vIbbUJdPmukljPkSRoWIkj3blBAIBOM5FAzcbQdJuFlWXSbB47mQSzI1rGyyuDkM3HLA85PNRT+H9IuJmEmjafI3mGfc9pGfnOAX6feOBz14rzO2+Jz6b4c8MS6BompXttqHiOXSpl1S7R7iNlkkLR5ZurbSq84UDqOBXr7L82CTuAAO7bnPUkgHufTI460XGZ2o+H9K1a6iur3S7G+uYQBHNcW6O6AHIAYjIGTmjU9G0nxE0TanptnqTw5CNcwq5jB6gEg8HuO9WbiMlPlJ4OTt4qvasVkkYggMflApANuvDOjajqkV9caVaT3scRgS6aMeYkZ/gDAZC+3Ss+HwH4atP7LEOhWMH9l7hZeUhT7NnOfLx9zIJ6Y61tec3mE4z8veo/MZs8fKeDmgDmNV+H2m3egXnh+ws4tN0jVZi2ppb53SKzbpFQdA0hAUt6MT2p/iD4UeD/FF5d3upeH7G7urxY1nmy6K5QKEPykKcbQob72BjpXUe/X2okkL8n8f507gc5ZfD/QLXVo9St9PeO4iuTexx+fK8STFdnmiEuV37crnHIY1R0b4V+FvC99d3WnaWYHulmRoPPlktovNBEnlRsdqbsnO0DqfU11ykdMD24qGZgGAJxzRcDz6X4J+FGsba3EWqRx29i+mlI9Ql3S2jEE27kk/JwNo6LgYxU9v8IdH0+Rmtr/AFQM+jf2Fue6SXNqM45ZM7uTgnoMCu1YYZSh285ztqOeR84HKnqaLjOJsvhba6PeaPcWusagX0vSG0a2SQRMDbkA/NhQSwKIc5z8oHSs7TPhHb6JF4ffSNevrG+0axk0tLx0ikNxZsdwilQDbkN0YdPlFeiHLqQeR15+uf8AP0pEwFI4Hei47nm3hj4MnwfBoUuieIJo9S0mxbSzeXVmrpcW5k8xUeNWXayNja39M1s6D8K/Cuh6Xo9kdGstQm02MRQXl9bxvPw7Pu3j7p3s7YU8Z9ea66PG09D2/n/ifzqGRtzcnqwz74zimM8/X4G+F7Xxj4e1/TNLtNOg02OYS20CyATO6osJ+/jClWBX/apfEHwjsYfDvkeErK00y+i1Cz1GNJnlaCRoH3BGOWKZBYcDqBXojfvGLE7jnPT9aRsN97n6+9AHm9x4Yitbr4gXPjGfTbPw14kW1ga5N0ECFbcQHIOPmJAZSCT8o6YrE0Xwz4on+FuhzpI2qa5e30Gpak3mJDPLABsAifB8t/KWL5gQQC3PFev3Nrb30Lw3EMVzE+C0c6B1ODkEg+/NLL8zEnknrTA8m+H/AMM9X0/wra6bf6lqPhu4sb26aCPRb+KSK4ikuGlVmJDbgNxXrng1tyaLef8AC3otRSymfSm0M2L3cajyjJ9oEqqOc/dLckYBIrtLmR+MHljgk/59hVQXhLtGV7Yz6ikwM/w7o+paa102o+IpddimIMUclrFF5HJ4BQDOQQOf7p9a1/syspA4J70zzgyxsTyx/lSteJFweakAhtxCThmJ9SanY/LSJIrR5U5H0qPduPWgBWOKac9RTnba2COKaWK8DmqKuQsfzprE4psr/MeMVUlvClK4XJzu5J6UDGDmoVu96EN1HNHmblDHgelILjmwRx1qE7kbKkg+op6nHTnPNLtB5NAysVlbgOwBOSM++f50ySHj59pAGBkZ7YqdmIPtUcmGHNAGXJaReZGxt4WeMlo38sbkz1we2acsRZiScVdYDHWq7MFPUUAIzMqgAVDJuUcDINTbiwycUhYbcHgU7AVx6CiTKx9akGN3HSlYA8HpSAZaklnB4FWQo9ag4TJHNOQMw9KoB54PBpr0dKaaQCAnd6/yrB8XeGX146Xf2l0tjqmlz+dZ3Uq7kO5fLdJFBBKsrYODkYB/hrebjmk3HOQefWiwHE6/4T1PxRpe2/urWyvIZorqx+xqzpBPETtkYuAzbvulQFAXnkmqGqeDbnx1qkMviKK2trC1srm1jtrGRpC7zoFeUllUgBQNqYPJ68V6BtBGMdOahaIdOgGT+fWiwHm+oeF9Z1LwvY+GdRS3jtbWW3M+pJLuaeO3dXULF1Eh2Irc4BOeTirHh/TtU8FtqNjZaadU0i4u5by0m89FNt5j73SYEglQ+SCOT3Aruns/MwA2Fz0FQyWCRrgYHbpSA8w8SaprOqal4m0KaD7a99ZSafaW9vJsKk2gcybWwrKzM6hixI2gd6i03wpPo+reA7+38Py209ksianJGyt5e+EIcjzOfnAPAPB6V6g1qY5AwbOVxSNCVxjincdjxDVPFWu2Wo3EM17d3zhyfPsb2DyWB5AXMWQACBg+lFeyJodjGoVbS3VR0AhUD+VFIZ0/xMWDUdB/slbq6h1S7dZLBbQusjzRuCpO0YADYPOBxnPAqLWv7Q8Zf2hpUmkw2ekR3r293dXFwC+I5FcNCgHO8HIyflJIxXaMxHQ96qCIKzBI9oyXO0DGSck47571qznMfxB4J0rxBHBDIsmmxw3v24Lpbi1Z5wD8xdcEEFm5HJJz2q7YaDpmm2ttZw6fD5UczTgSx72Mpyd+WyS5/vnmsbSfHmnjxVqmh31xY6ZdW08cdnbvc4ku4zAJSyA9cZYYH0xVLRvHlvfLolpYvdeJLi8gS4e9VEtwI3lZI5HjIDbWeNlGBwBk9qQHcw3vlzrbidd/l71iRxnaM/MFHG3nH1NM03XdP1LVNR020uVuL3TfKF1DGD+53gsgJPqATXgth4utNP8AEvg250y1h0G713RrjTrQXTGZYpPtqj52P3uFfGerEDvW/wCK9eufDPjHxaTeyQrdzeHbS7v1ARo4ZHkjklyOEJHy56LkYweaQHq3ibxFNoJ0eC1sFvr/AFW+Nnbo83lIreW8hZiFY42xt0U8kfWs678Va/pvjvRdLbQLf+wdSnntortbom5V44jIZDHtC7MqVznJyvFcBayXtn42srCS6nvNIsvGkdvp8t1MZZFWTT5Wki8xyS2x3K9Sea6rxFp9p4q8daDdaTFqNvr3h/Ul+0XrQ3EFotp8xmjLPiN94Krxk5x2BpAdX4o0/W9Yht7XSdXGgozM1zqSwJNIm0Daiq/yjcWBLHgBSO9Znw61jU9b+GNjqOu7JdQe2mMrxp5azrG7iOQr/CXVVbA4O4Y4qt4wu/F2p6Pc2Wh+GlWaS9ktJJLzU4oC1oMDzEIyVMmSowDgZOK09Ct/EsFnpYvbfQ9PWG4ZbizszLNHFapHiOGJsDc+7GWIACk8cClcDynwtqV4dN+E3ieSSSW+8WXz2WrLNK0kdxDOsz7fLPAEYRQo7AGq/jDRbbTdK+IX2DT7Ozaw8aaLLaosIWKEsLXlVXGAdxzjHWvTvDvwwi8Py6KkupLd6J4fmuLnR7PyMNA8m8fPIGO8RiSRVCqM7hnoKp6b4AHjrUPHC6pBqul6NqmrWN7ayoq28lwYbdAWG4EqokQcjB4FIDN1r4leJtDHiXRtWuNPn1ax8QWGkwapbxC2RY7qNZSSGLqGUbkDHglhxxUHiG68d6HHpOl6l4wa2mm8T2loRYvFLdx2dwjbYpW8lQWDI20qg3buScCvR2+F/h2+bxA+p20urLr/AJf9pR38zMkvlgLHhVGIyoGAVx9a57xZ8H7O68J6V4b8OaVp9rYW+r2+qXMN9cPi4WI5IZsOzEgAZY9gKBXPOPHFnd2th4t0bWdW1LWtG8N+J9Hltb29vG81Ipmj86OSQFQdgPBYfLnOQTUnxO8WaTBrWq3ulamnnaLqejyRSyzPJP5JaPeLVc5+zlOXdidxZ8ngV9D2GiaZYaXJplvp1rFpr5LW3lq0Um7ks2R85OOSwyeM1orHFu3LDEr7BEWVADsHRfoPSncZ8zeMNN8N30HxsvbSCC51CN7S60q4UF3VzChPknnD7w4O0ZBJxwK+gLe31/UNatdSj1+1TQWWOUWP9lkzMuwE5kL5yev3OPwxXRrcS7gd5B9QeaVfmz+dFybHl2i+NrjxB4yg1C58G+JlkWU2NgLrTjDBa27uFknkkYjDsFBOBlRtXP3s6Xi7wTrX/CG+L4T4h1fxI+oaZc20GnyQW+wPIGA27EU8dMljwSccCvQN2W6n8/8APqakUDJ57f1zRcR4t4E8P+MvBegal4e/shr61vtO+0WepX8sLtbXhiINvc5bMyK/Rxn5cKRjpS8P+CfF1vrzavcaDte98NTaVeST6rHJJ9oL5EgAygRicKinAXrjpXuMuQuVOT/+uqygtuY/ezmkB5ungfxHJ8K/AWnC2gh1vw1dWNw9pNcjy5vswKOEkAYZYHI3cZqPxN8J9X8VS+ItcM9rpev3d3p93YW7O0kUb2ZLIkrgYJZmbO3oMdRmvU4mHmgk/NU+T/CMAcCgdjzDxF8Otc8ZSeJ9RuobKx1LU/Dz6Db2qXbSIN7u7TPIEHdlwAvQHnOKh8FfDrxH8PbW40uxuNLGh3Fkf9FuXkkFjfMpV3hBj/1DHaxjc9zjqc+qRqFwe/A/AVC43ZHfPHtQI8rtfg5f2ug+MrC0aw0W117S/sf9k208j2UdwQwluQpQCMEEfu1GOD61tWvgfXbfxj4O1yWbT92jaTLpd4nmPunZ1j+ZDt6Axqc/7VegRuUVck5FKPvZ/KgDxa4+B+p6p4J0rw7qcuj3lpaa7Jq8iuXMckcjSMYQu3jiU8+1d38P/DOt+FdNk0nVNTh1WwtZWXTbgl/tKW4OFjmZhhyi4G8V1zHuaTzA4Knp3p3KseP+LvhHr3iHWNVu7bXNMHm6rZ6rZzXsDyTweUUK22cgJESrEbe7E45NX5fhdqFx8RLDxPJc2NteWt69x/aVmskN1c2pVgLWeMDa4GV+diT8or06R+Q24k5PP161C8m0/pRcZ5Nb/CvWrbwzFYJqmnJqFr4ofxHZSeXI0I3ys5ifgHH7xgCp5716lHOdiJI6vKFAfHGD347DJOM88UNHuYEngVEwWOTcR8x4/CkBLI2ASKi8vdgqOKkkbMZ+lMjk2qPSgBGYdO9NC54PJqPd8zH1PFS7uAe9ACbaYwx9Kl3jFR+YpHNAETHbUbEbgfvGpJNuCSeKz/OPmSKucqcUDL7t8vB/Cqp+lCyHgt1zjFIx+c9hQFg6dsCopV3cjpTvMU55yMVFJIMqAT9B9KAGxrt470u3bzUDO3mH5sbVBIzT2kLIpH8VO5RJuPbmomZs0sTA5AOSKkwD1ouBGCe4xTWk44p8nHQ5qP8ACkBTlkLNg1A8Z4I45q1JFuk9Kjul2W7Yxu7U7gQeWxVQNvBzT/Jy2ehpturYPmYLU9uFJzjHNIB+4qMDpTFdqRWLOVzyOtOZSDx0oAWaYbfeomm+YDNJIuDnGaaI92GqmASfMck1RkjZsqy55yDV6TCryKg4aMk1IFNdxk3Mu0AbR705meSEADBpwYen50iqfu915oASBiODnI71MzbsnpxUDSAHBOKd/DxQWMeTjBpFZSvX86GTseajEWMntQBFcybVOMGq3BUEnn3qw0Y5zUTwqaAI/Nzxio5nO3irHkhVqKRQwwBVMCOKRhjPpT55ulMHynBpWj8xakB0cm4VYWTC1XjiwOKc2VwKYEpbdTD1phkK9qazt1osBL9abuGelRqxOc05aYB1OBQyc058KabuoAZtx9KheQB8dKnZulVLiEtJxSsBE1x8xBPHakEyt3prWpHWoXiKtwPypFFrzB60VX+zyGigDe+JXiq+8H6fZz2UUD+bc+UzzI0h4IBQKpBJIb73IXGSK868aXp/4ncWq+Irq6t7m/8A7OtYJpR9ld0DtMSqKh8sO0aKPvb4wOTuNeq+LvAel+Nls01T7UYrcyfuLe4MKzI+0sjkc4yo9OnWp9F8J6N4Z3NpWl21qzneZwjM7kNuyXYkkhjnO7qc1oc5494P8P3OvzadPJpF1HLPJouprqVzbMFWOGALMvmHGGLDZtJJJYHGDXQeHPhVqrN4Rl1Oz0uwutBbcl4kzNdxkTSSPHlQFZJFZAwLYHJHNepeYxcMScjAHPTHSjzvKX5VzyBx2x0pAcFbfAnSZ7CystW1K81G3tbSe1SGONLVSk9x5+STvO5WClWUjGzPBNdVb+B9Ct572V7E31xewJa3UuoSvcNPGgwqSB2KkDtx3Pqa2oZjtzyOScgevX86kWTzMelIDE1rwVZarpWl2VpNJoCabeLe2zaXFGpjcK68KylcEOe1dL+8ZI0eV32DgsfbkjgDnvjiszUte0zRWsV1K9ispL64W0thIcGWVs7UXj7xwTx6Guct/i54Zmhs3s7i4vRdax/YS/ZbOUlbzHKyBgCoHrjH50rgd0OmMdeD+VKVDSBTyp4OfSgE/Ku3buJCq2CT7Yzknr+lPVQuOf8APuDzRYCRct5m7nLc57+9XI+cd8jknvVZcbeasRtgYA4pAT42jC0xf9YuMg55NMEq9DUy+h/OgVh0Uh3NxgA8e9Tq2RTI9pX1qRVoGSRH8akDH6VApGcdKnXbxigBW+9S7uKa45zTGYjpzQKxMrDPPT2okCscqMU1VO0n2o/iWgYKoDZIyfeplkxTJPu1GzlYGfuOaBXJ800r+dNjk8yND0LU8NuBx2oEM2nPWn7tq8dahZiuWJ46cU2OUbiGOKAJg5ZsYqNs7jxinr6g013H40DuQsTSdevNOJBo6dMfjQMYX7VFLhj0GaTfmUjHHrTJtxcAHFAEi8rg80zcF+XFLHzkZINM2gNknNAAyjrim8mlkbMir0BqONjyOuKBXHO5VeBmoS3rVj8KgkwM8UDG8/Wq0ijzCRwScnHepw37s81XGWbJp2GLgswNLs5P0pFkAzUbTHnFILiGMLkAAU3yt3Tg+tLMxEeV+92qKNn8pS7fMfSgBskI3k5wcYz7elJGm1uGyMdKEl8x5QeCOKQTBWGejHAoHckjULk4FDNSbjkjtQAD1oGMLZNMeTatOkAXkVUmnXBNAriTSPuGMf8AAqhcsykcE/XNPWUSK45DJRCc8tQMjUSLESTg0SK8ke3IBI4pbhs9KiE247e9AE0KnzHZvvYxx0p7HAqt5nlNgk4qXeG6ZoAXd8tJGwWl2g8dKaVC55p3AiuGDLj3qJWUJjBp0jALkHnNQ7ix45bsuQP50gHbS4AC8ZqNY2805qeKQcHcMeqnIH5k5/CklDryUZRnqePz5oAq3UI3EjqeKfGAsYB6gU2Zj/Dy/wDCMdTSHdnp9OQc0FXGSSEN60kkn+jkjrTH5xjOOx9aFXapU85FAXKzSMXOOlP7Dil8sDI6d6Ny7cZ5p2C42SYfdGPrVdlbGQetSNGGzTUUdM02FyAKythqmbheuKm8tH6mhoR2NSMgiYZ5b9KnKhl3CmeQGXkmnbQq4GaAG7Pl55pNny1KvNNK1QEYQd6VgqjinN0plADOo9aaylTjNS+lMbAbOcmgBmKjkbaxzUm7NRSJnqaGBC0gJx0pVdF+tMaHnOabJCcepqR3JfMSiqZjeigZ6goHU9GOCc457fr/ADqvJJHJJIodHlVtsiqwLI39047155+0FrE3h3wbpmpQyXqpb6zZ+dDZTMhuYd+XjO085wBj1xXH+JfG0lj8IbPxD4VuorW81uSa6vJIFjS6e48iSQxRoVIIjdSGzghI2I61oc57VeNJZWVzcrC9w0MTyrApALlVJC57Zxj8a5lfin4c0uz0xdb1ay0XVr2K3ZtKmuBJLC0oG1GCgkjJI3EenIrymG0g8d+JPE95rN5c3/2LwxY6hb2X2tzbC4ltJVkcQgnJJbpjjK9zXHL4F8S+KvD9sdN8O31w8/hnR7YTSQmFPOhuld0LyYGdq8jvSA9W+IXxNmt/H3hDRdEub+2itvE8Ol6tNEAtpKXQObckkuWVdrdMHcRk4qW1+PVzf+Lr7Q7Tw8zXA07ULuxhaZhdPJbbgFlj2/KshGQRztIz2rPk+CviWTxpLMuoaXb6KnipfE8RkZ3ud3lgNFsAwPm5yW7Z6cHZ0P8AZ5h07xG2t3vizVL68MmobTFHHHhLr73zYJ3AYw2f4BgKBikBwf8AwuTUPG/hvwXrX2vT7qVfF1nYXFrJpaLJakoSyMJA2x1ZW2urZIbtisGPWrzw7Z6hNZaldWBT4sNBN9nnaNZoZCu8Pg/MCFHXpg179H8FfC/lut/BeanPJqK6nLcXE5R5blEVUdmi2glQpIx3YnrzW1a/DjwrYPLJB4Z04ma4N3I0sImLytx5hZyTu/2uvvQK58o69DDbeLvEV5aNJPqOmfEaCO2ZJJJHhtMNvSPDHCcYJAAPAr7emwbqTacru+8vQ1ntdWel2/mySWdhGdw8xikKnB5PPXqTn1qaG5hvoo7u2nSeCQbknjcSK4JyCGH1pXGaEmFUY5NOt2O0g1X3fIXKyMqjJ2KST7ADn8qzvBviy28c+G7fWtPt7qK1mklj2XUW2RWSQxkMF6crx3pAbLKokBzVssOMciquxtxUqdxyoHBb04BHv7+vaorHVbTUPNW0uYLlomxILeZZfLboQ23oRg8HGefSgVzVh285OOan3BehxXD/ABC+IFr8O/D41CdY5bi4uI7Syhlk8tZZnzjc38KAAsT6KfWtrwnenUtL+0PrdlrxeTDT6dsNvGw+8iFSTgHux3H6UBc2yy59Pdqljb0FcJfX19d/F600o6lc22mx6ENR+ywvHGkkoujGQxZSxG0jp6isjW7fxX4f8UeF9Rh8T3mpXGo6uLO80Z4o/sYtirs5QbQyGJE+8epNAXPU5Hbbx/KkV2kHyqcnsMZX2P8A9eqOva5B4d0LUtTuk3w2NpJdNEWAZwqs23Gepxj2OK4zw/4bPjbwPocms3l2w1aOPU9QhhmaM3JkTcsO5SGWNAy/KpGdoJ6tTsFz0ZmK/IysvHU/zz0/KlX7qbgAzD5eMbvpk5rzf4MWtxpOk67Ct1dXmgJq8y6LJeTNKy2qhAcSHJZN+/b34x0rC+P2jadbaBNrUuj6hd6ms8MjavasrT6XCjJvkVSykAjd8qryWyaQXPZ2/eLndjbwRjofoaqajqFvpsKG8ube0SR1jRp5VjDsxwq5bjJOOO9Yt58SvDFlqFpaXGu2UF3epC1vbzSbJJFkP7vAP976cc+gryn4meJNQ8b+Cf7ctksY9F0/xPbQRRzQMbrEN6kTS+ZuAQltwAAxtoEey3niLStLhvTcapZwLpyqbtpJ1BgVhlTIOduRnHrV22mWaFZFlBjkXesmcqVxnIPTGMHJ9a8n+I2q3OrL8ZPD15Y2P2e18PpdRXFvAVmkR45dvmMSdxUIMHoCOMcVY8E+JPE0OueH9B1C5025j1fw6L+ylgtmX7PJGIVCsfM/eKRIueO1Aj0mx1Sz1rT4b+xuY7mylBkjnhbchAJB5x2I7iq+ka9pfiK2e50y+g1GCOeS2eW3beiyJjcufUZrzfwz8S9V1zRvh3ZCS2sdX177b9oure3GyJLVnyscRbhmJTGePvVymi654i8H+H9bi03UbNb7/hYT6bdTT2iurJO0ILKA2FA3Zx7YoA+hfMKjIIxjODVK91a1s9RsLCa42Xl9v+zRMhzJsG5uRwPxrg7G/wDEl94yvvB//CQLHfaXpUd4dQWwjU3ssssgTcjBgsaBFVgoBJbrWN4b+KGveIpvhjdySW9jbeIJr+y1O1WAbWnhicb1ZyWCs0ZIUAcYBNFhnrfnLz1HOOfXg8+nWs3xB4q0rwrZxXWrXsdrBLMlukjhiGkc4ReO5NeQaT408ZWtjp2s33iCK4tl8Xt4dudP+wxRq8JuGhVi33lZcpjHWs74ga9qHjb4c+IddOpzWdrpPiaKyGlRxRmMJBeQxkyEguGZvm++OOg7hDufQDL5bMvKkfKQw9O4poAbqa8i1bxj4y8SeJPFbeHruxsI/D+qeQ0F7cRrbtCqo8jzfumdd4LlGDYGMHg1ieIfG3jHTI/iJrCeI1+y+FNXtfIsPsMISa3kWFmSR8EgbJMjnOQT3phc954Xjr+BrnLfx14d1LxRN4ft9btbjWoS3mafFJmVGUEsDgYGOB1xwaiHi6b/AIS59F/sHWokU4TUmtAbRsLvJEhPIIO0cHnHbNcV4b0zW/hv4t0rSf7Tk8ReHdb+1iN7uCNb2ynCNM3zqAZEYFgcj7zLzyadguela3q1l4f0ubUdRuVt7SHBkmYHKkkAcD3YDis+Txho9pqGoWUmpQfatPhS5vIgSTDGzYWRsD7pOenpiuM8ffEbVI/hx4p1bSdO1bw/e6TbrcLNrWmhI5l3YZEBzkbe/sKu27bfj5fGRd8d14SgZt2MMBdOOfXIbn64osI75Zd0eQyujDcrq2QwPQgjqOw+nvWRqni/Q9M1u20m81iwttUuv9RZSTok0nphCTyRjjgnNeeeA/Go8M6VrulXNhq+pw6R4hvNMtG0uya6KQqySR7gOQF80KOw2AVo/Evwtpvizw/Jo1jYoNW1+aK6S4khxNbqjKZLliwDJsQbQM8McDgmkO539xJFawyyXEiW0UILSSSPtVFHUknpjvnNVLDUrbWLK2v7G5hvLK5QSw3Fu25JEJIBDDg9D0qjN4usW8UR6E9rqj3FwSizDTppLYgpkgzBdmdvynJxkivI/wBm7xZda94b0zRbaeKwg0KyVbm3uof310WmlCyIxPEAAwXwSWzgjGDTGe2s21ievP8A9aoZrqKCaKJ54RczbtkLMA0u0ZO0fTP5V5JoPxQ8R3+qT6fIdOvJn0G61S3mjtZFt1uIJArxK4O6aPDjDjuo7E1i32qeKPEE3wn8SXH9gJq+pXTNZNHDLst1nsHYrKSdzAFSwCEdDUge97RuPVscDHGeM/16+1VbhlVY181IWf7nzDLH/ZHU8ZrzHR/i5rOqX9n4burGz0/xS2pXemXMuHks1EECzGVFyHPmI8YClhjJOeMHkfGHxOs7a88G+JddtY7LUPDev32lag9upkUslpJjymADFWyjYI+Ut14yAD3uNGV2LBd7Y6H1+6fxprRlWUEDavzDcMNznB5OMHnH0rz7xF8TNV8H6boT6tb6XZz6i8qNPJM4s4GRA8cLSjIDOWI3H5Rt+8c1c06ex8QfEO80bU9AtlNxoVrdTXDTecJojIVMLKFAAR92DzuBBzxTsM7tlKMAwIb8cfzP6U2WQRr9eK8X8N+PrvwL8KtMmTTBdw2o1PzJrm68mNPs9xIFgDEMWlYcKOmFPPArppPixb6prul6dp9gbhr60sr+OOW6SKV4rhgMxIVxIY15cBuOw5osFzuJZMxsuSCRxVZVLLz1rg7b4xWWoazb2dnpc97DcyXENrcxzD97LDuG11A/dK5R1DN0x6kVn6T8Zpo/hzoviHVtFuWmutOfUbloHRYI4owpdtxIAY7gApOTyR0osB6aqFWkz3pvPauG1z4w6dpN1cxx6VrN8lrp0Osy3FvboU+xyciTlwflGcjG444BGar6l8VNKutF8Rq41jSTZacNQNxHagSG0dTi5hU5yOG6kEED5RRYdz0FvvAsCV71XbCyHYOCe/WvO/il8Q30XwHrf9h3OoPq9vpiah9otLZJ/s8bN+7MpIKqWAPQZxz710OqfETRNJvTDeXLhoTAt1cRwM9vatKF2GWRTtTPXuBjtmkFzpZ2DMpHpg0zzHHal+62CrKevzYJIIGDxx69PWnMMc0DJFkJHNOY7l6VEKVmyMCgCtc5WN9gyccfWs3UtDh8QafJp98Glt5ivmxq5USKCDsYjnacYI9K2GXCkGs/V9Ft/EGj3mmTz3FrBeJ5Uk1pL5UqqSM4ft6fjQByfwv0ePQ7fWzYJJB4fuNQZ9Ltvm2pCiIshiDH7jSByvIGMEcMBWbrUFp4d+LXh+7S3vrZdTS7juL/AM7zILudwHjhZS/ybQrkZUABMCtKb4fy6RoN3baP4l1tL+ZbdYJ77UFItfLP3V+QDZgjIC5IULkVrr4aabXFvLzU77UYba4a5srK5WJUt5CGXGQoZ9oYgZPGeS3BABl3nxI0eaSyh0e9s9evLu8WwjgtLoALIUdz5jAEqAkbHIVvpzkcd8PdX3WegWOqretcT67qmnedHfu4t2UysFkO7dLhBgHHBAPFd74n8D2XiCztI4nXSbyzuY7u0vrOBN0UiKy5K4w4ZWZSD1BrE0/4ZT2FxaXP/CQzSz2+sSa4rzWacySRvG6gKV+XDnv6DvQBzvw28bXTeGtL0rUrLUZp5NPvTDfeekkt0beQrKEO/cHAZSC/oec1L4o8f+d8L7k+HzqUt8fD39prcJIjT20RX928js3Lkhs7Qxxk54ra0v4Y3eiyaE8WsxyjSTfFUksiN63WWZW2yfLtPTHp71lQ/B3ULHR4rew8QWqXMminQ7t7qzZ457cbjE6gSAo6h29iAaANZ/ippkF9eW1zZ6lELC2jubu7+zBoIkaHzUYsGP3hkDjJPUdxW1Tx9py6dfebcaho09nJavPG1orXCxyyJ5ZAyy7JMFSeduTyDxUUfwtvLix16x1TU7e5tNX0m006SS2heOSNoVK+cQT3Lbjzn5Bz3qDW/h7rfiDTdZuLy+01tWvNNt9MiaAusGxJvMMrkqcFjnAAIGPvGncdjXX4laFHr02jPcTpfQ3n2FybSUQibAKjewwu4fd3dcVnXXjxX8daTp1pcbtKmgvluJHtnCGaFVyyzEAFQWYfLx8uc4HNfUvAniC+vtUuFNjG9zren6rGn2lgY/ISNWXHlYLN5fHT61lt8LfEKw6Tov8AxLTomnSajFHfJcP5xhuo3QDytnLqXH8QzxTYI6iT4n+HY4nkm1eG2ijeNGe4R4/9YPkYAqCysOjAFSehFb2h+IrDxFpi3um3cV5asSgkjPIYHBDA8gj+tea/8K58QL4Xlsm0LRre/ieyC3VjON98sFwshkYsF2KEQgLknczc8V2vg7RdR06+8SvfWv2WC+1R722/fI+9WRQ3APGGVv8AvqpKOoVssVp5XPFMhIy3c08tzQAY2802Q/LT9wxzUT49adwGNnmkH3evNIevBpG4ouArNtUnODjjjP6Vy9140hGqX9pY6dfat/ZwAvJLMIVibaW8v5mG5wASQDnFdMWLKxHTGM8YGeBnPbJH515vpkkfgHxN4oivhcw2Wqai2qWd+kDyo+9U3x5RT86FGABHPHPFFwNiP4g2c7W0dlaXmqXUtol81vaRqXhicZUuWcAFucLktgHjjiX/AITzSJtOsLuGdrz7fMbe1tIVJnmmAJaNV4wVwck8DFcxawv4Z8b3+tX8DadpWsWNsYZZkYfZpYdw8t8fdLKVYcYz71zWm6BfWPiGLxf9nnGhyazqE3llD5kNpcIqpKYvTfGx55IfPrRcD0e6+ImkWOj6nqV0L23i0xk+3QNbZnt1bkMyjsw5yOOuOlXZPF1hHrdjpEguI9Qvommgja3YDaOWJOe2VH415T45hXxLP431iwl36YPC7WT3SnMcl0HkdYwQP3hVSi5xnL464rQimEPjD4f6hc+IG1RLy3u4lMwhQRb4kcYMajI3rt57j1BpAesrcowyHjAP95gDRUEen3MiBo0DJ2JANFA7nU/EDwdJ4z03TbGG/GnfZdRt9RMvkGUkwsXCBQy8kgck4rA0/wCA/g60S8hmsJtWsri/k1JbG9l3W1vK4IYRxoAApBwQS3QDPFdX421PU9H8OXl5pNpaXd1CjSEX0hSJFVSxY45J4AAHdhWH8Wrme3+Heoagur3egi3t/tBksVJk37QY0JAJALn5gOw64zWhgbVpa6T4YtfMht9N0a1jCpJKqpAoUcKpYjoOwJpkfi7S9T0+9v7C+j15bRPNmi06VZ5GODkYBPzHZ61xPxc8Q6HrXw88Q6ZFqdlqOoQ2EN00Mbq0iAvHiUr1Xkggj196zPip59r44vL/AEaWTT9Qj8I6jNeXNiApTyyhtixAOG3hwO4B4oA9dt28uNGP7sYHErBCDjdznocGqGp+K9H03SBqdxqMK6adwW4iJmBKglgPLDZKgEnrgAk9K8H8SW+kaprGs3d7P9uuYL/w9NbrJcvIERwn2gIueBtDZ2gdT6mtFPDt/a6k1zYeF73WdB0/XNStjpNkZLLfBOkbRyRglA0YZWBGTkMeDzUiO5134raXcf8ACUWirqh0vT9Fi1FtW0mMl/LmDkPGx4A2r8rZI+VuhqzpeqQWfxW1qa51F4NNk8M2F7m/uiYoWaWRCwJO1chUzjAzWBcfDfXWj8QWVlZaTp1lrXhaHSzGk5jWynUzjy1QKxYDzeW9V966vS/Ad5/wlB1TWH0y7t7jQrbR7mxaFpVkeFy/mHeACuTwNv40rhYq/ELSvCXibwnqPiq6stM8UG3sHt9OeUrcwrMzMiiLDFCzSsgJPOFrb03VrHwP/YHg5NO1a7uLW0t7UNY2DyQJtUIQ8o+VclCSc8ZzWtqHh2z1XT7SyMf2a1guYrnyLWNVRvLfeqYHABbB+ta6zPynPykFtpyM8Hv1ORmkM8b8P+OvEOqWHw98W2+qTTtr+sfYb7Rm2tbpE7zALGoX5HhWMEsWy3esD4L+IraPxRZaR4kY2FpHeajHoJF0Utrq4F5KZll7GRRt2qePvEda9osPA2h6TrE2o2mkW9rfTO8ryxs7AO/3nVT8qM3OSvJyfU1fsfC2jWMarbaNp1tCr+Ztjs41+ckHfwOuQOetArnz1p8Osyaf4j0vwyLHxBqmo6DfvYa9pUrRXRHmRkxXkeTtnPCq+eTx3r0HRbWHxP440DV/BhbQobfQLi21OZrHy/KkbYbeKWJgoeVGDkqOgX/ar1g2qRs2IkiZzk7VVd2OudvXr39anmuo4Lfzby6S3hU8yzTLGoJx/ExABJAHX0oEea+KPAOvSJ4X1a51GTxrd6FrSX01qbOC3Z7dozGUjReGdN28BuTk45wKv+GfhvJcX3i68nuNW8NafrWpQ3dvaadP9kmwkIjld1AO3fIxYqMHKgtg4rtbvxJo1hHZyXWr6fbR3hxbSS3UaLLzg+XuYbhyBxkcVrxo0bMgAyOSOi7QCRk88Yz3xQB59b2MWh/GjQbVryadR4VuLdZr2fzZXK3cXzMx6nDc5HIFOj034gzeJrvUntfDVvHIxt7OWW7nmks7UkblCCMKzvgFjnJ+Uc4rS0/xT4F8fa8bG3vNG1vWbFWaNZbcPLGgYbmj3rz2OVPXmui17xBaeGbVLi9kctLMlvDDGu+WeV/uxovVmI5x7GgDH1L4WeFtSk1aYaNa2+parBcQ3F8qt5zeehWRuT3DE4xnjjnFcvp/h/XNY+HNj4UXWl0DXNNEWn3ty1r5olhQFVeMblG2RVzkHoCPWuqbx5aN4Zu9WsdPv9SisGeG9s4USO4tGiUtIsiSOvzAAcAk4YY4FRaX8RLTXvEuk6NHY3qHVNGOtWtxLs8owkxnYBuLE/vBnntTEYUnhnxZofhPVYLbxMbrVGiij05bLSIoo7RVz8ixliHBDbSS3ArY1TwrrWtgxah4gddPubZbW90+1sYwCxj2TmOX7wDZJwMgbsA9q7FoysbfKFVfvHsMj16d+hobCqDIdufnDOMA45J5x6UWGMsbf7BCkVtGlqkQVIkUA7QAML9OnA964HVvgbpV9aavYw6prWnaPqd0t5PptlKghW4Dh2ZN8ZKgsA2FPJGe1dZrni/SPDNvpzX+oW8EeoXMdnal5VAldj25wABkn6VebWtMjvo7B9Rso7+Zcx20k6+YykZyEDZ6Z6HuOOlIDBvPhxp2paprV/cX+oyS6zYLpt2pmTa8K8KQPLBB+Zuc4+ZvWi3+HWnadqWh3sV5qX2jR7JtOs5GnXHknG4P8vJO1ef9kVr3HjDQrG6a2uNZ0+G580W7W8l5GrpJjIiKgn5sFeDzyOetarN8kgYMzDqqDJJAzjHb0/HNAHD/APCn/DUfhuw0ZIr+K30+6a9srlbx0ubWVmLMUlAGASTxnHNNX4O+GGhv0eLUZEvb1NSuA2pTMXuFxtkPzdQQOR6VTbxf4t0bxV4bt9Y0vTDouv3D20K2LSC5sHMZlTzS3yuAoOSoGDgd66fx1qt9o3gvX9R0uWJb+xsZ7uBp03odiFuQCOSFYfiKBBrXg3SvEGpWmo3UdxDqdtG0MV9ZzyQT+WT80bMpBZMnue5qKbwDoMn9hBLIwJopJ02K3nliSAkFWICsN5ILDJ9aZofjKw1C30qCe8hTVbjTYL+WMIVRFeMMzk7dqry2Mn0osviN4b1OO6e21iFktoPtkgkR1/0fdjzRlRuTtuXIyRzTuMpT/Cvwy+ny2Ysrg2cmoHU2Vr2cD7UG3eaSJOG3c+5xUGufCPwl4iutRvL7STLJqJV7zy7qWOO4dcbXkRXClxgfMRk+tcz4u+Nul+X4av8Aw94itbrTm1ayttT22rMDb3AYAq7dCNvbPPvXY6X8SvDWtaTeava6xbvYae/l3byB43gc44ZGAYA5G0Y5I464KAq6v8K/COsa1Bq11okD6hDEkKzb5FDxoAFEi79soAAA35xT9Q+Gvh3U11oXVjKy60yPqKfa51E+wYUkBzwOOnFY3xA+Iip8O/GF94b1T7NrehWpuJoLq0ZZoRjd88UiqcFckNjntmtxfHOkRPdQTXjJPZWcd3fsIHEUIaPcGaTbtBbnAGe+R6IDYhtUtoVt8MYFTYVkkLHZj+8fmPHfOaxfD/gjSvClwjadZvG4Ro0a5uJJjGpIJWMSElFPy8DA4FZXiH4iaTH4Z1W5XWpfD32R4EmurjTJC0JdgVHluBlXAZd2Mc5qtceML2z+JnifTbrUVg0i30KPU7Ym2VjaO0rxs3AzIAVBwfXFVcDq/FGj2fijQ73SNWga70+6XZNCsjJvXIJUlSDg4ql/wiGnWerQ6xbWdxNq1rZmzhDXkpDR8HysM5DAsucnuM1yVr48n/t7wM0Wvxar4b1jRL64e6NqsPnPAiMJwcZAILHb6A8ZrufD+vWniSxhvbB5JrGcbopHheHzF67gsgVip4547+tAFbwj4b/4RnTrmOSZJr6/vJdQvLiP7stxKxZiv+yOFX1Vc96yfEHwq8O6/rdxquoQaj/aFwixyzW+qXVuCqnKqAjgbc546Ve0r4keHdWvjZW2qI03lyzozI8cc0cZxM8TuqrIFJOSpOMfSsvWviNodz4c1i5tNfTSTa2aXP8AaNzZSGKGNyfLnCOqiVCFY/LnpzRYDqbazSzs4bG23RW8MSwrHCx+VQPlAz3x37Vx2n/CPw1pEmlzWUV/DPpgmS3kS9fcI5m3yRsc/OmcnB6E8c1bt/iJpl144Xwsoke8OnRXqytCyROJCQijI6EKWznjpXTM24A4ycn6cdabKPOLP4I+G9NubOSybVY2sbaaztc6jKVgt5MbogpJHlgD5VxxgZ5xWivw106Lw1oOjW97fwR6FIsum3kcytc2zBGReq7WG12XaQ3B6ccdiyhufSo1YO1SBxd18L9IuNPtUWS4t9Vg1BtTTWFlVrn7UwCPIWKbWDLhSpAXGBjgVTuPhBpWoLZm4vLuZo9Sk1WWR443F5cyKY5DKNm0qUYrgDoRjoK9CxjocH/CoyoLZbmkB51a/CU2fh2z0KDxDfPp9uJrZLW9gjnj8mQAGBlK/MqEAJn5gCc1f0nwDb+DdasNYs7+8ktNM0NdHS1aATOYEJZWBXlnDZ4Hbj0rtmdR8uePSmM2H3Y5znPfPrVXA8d8O/DG413R7K5uLu98OTW15q8SQXNopZ7W4uGYFVlA2PtIw+CRvwKvyfBGe40bSdJu/EP2q10qK2it5pbD/SbYwsSJIJFZTGzLhDwc7c9q9QDDdlRt6dPbpQ3b6k/ietFwOH0TwDqfhvWpY7PxJMnhRr6S9TR/s6mWOSRyzwifcAYi7Ftu3px0JzybfBHUY9H0XSh4is57LTobu0ihutPdkSGYYWQL5g3TICVDdAGb1r2HbntUbfL9M0XA8ntfhLrsNncwz6tplyZvCw8OMVhkjO5QxWQgBuP3mCPrTL34a6z5l1uvNMf7R4UHh2bZLKpMo3AS8x42jcePc16tI20j26e1NCKwHAAHTigZ4xqvwz8Urpet2enPpNwde8Pw6RfiW4lQQSwwmFZYyFberqzDaVGPX1n1T4d+IJNL8WaXusLi08UWdut1O05P2K5SFIXKgpmRdqIwJGQelewMi8HuKjMacdOOlIDB0nwjZ6VrcupJdanLPKCphn1CSS36jJETcDkDB7cjvXQbeBxz35oIAXrxnJoDL0HWgdxNtNC/Nmn9aMUDGSLuXmo412jIyfxqVvu4qJYx0OT+NAFPzn3Kc/Lu7GnTICBtyBnoanW1jRwQmOae6K7ZPrQBVuGPlrt7kA0trGFDEdc5zVhrYMOuBRFGq8dBQBC8eAMDocik8rav6EVaYDPFMZQR6UgKUg3HHfdu/H1qCZG3Ag4NXvLG481HJCW4/HNNaFFBv3PHGPamiTLArxjjj6Yq09pu6nNRpb446UPVAVVcHcpUbeMj6dKllkIXPXdzz/OpGs8NnOKjkh3YUnp7UkBFGxySF5qdfcU6OLYMZzT9g+lMZFIh/CoWU7etXCg28nNQFc5GKdgIFWmzNipiu2oLiFm+7RYBiSbVNJNcFcNubcfQ/jTVjl7jintbdD3pAMjcxY8slD6g44pVZVwAxHGOvb0pGjfpiomt37dKB2H+YVmRg5Vk5Vs8jntTW3Z+8CPf65/nSNbsy5xTJI2bAxQFhTIykgEjnsaKb5D+lFAjrvG629x4curG50661aK/BtPs1rEzli4IG4j7q5xljwMiueX/AISOTTz4dgtbJEtbO1tJ9SurhpS0bwFXZVUDLh1IweME5613dw8dvC8sziOGNS0jscBVAyT+AqjJqdpHp6XjSoLeVY5EkycHeF2kfXK/pWmhiYOoeCdN1LwvJ4ekEsOnTQx2z/ZdqTSJHgKGJ5Jwij8D61YsfCOlWNrf2/2P7Q17tF1LfSPcS3CgEKsjSElgAT8ucc1Z/tu3sWmh1Ke0sbpDMwgWcPI0EZP7wKCDjbhiAvGcZ7VR0v4gaHqms2+kWly01zMjvG6QsISwiWVkDE8OI3R8HswPUGgRvafax6amy0ggtEVQmy3jWL5QMADGO3apvtDZ45PTnqPauF+JUu6TwhPFcTYHiW1iIhlwkiuzKUcA7T24OepqbxR8QtO0u31+wstQSDXbKzkmDXNrM0FuQoO5pNmxjhuFz1x2BqQsdm0gZdhXnGAo47Y/lUtqrHIHGRwOOewI9uf1rws+KtXvPDOum/v9SfUrHWTp2nWaOLa6vZJoYjBG7wgYCmRmJXB2qc9K5T4nXlp4f0b+xV8Q3Gpa9pekCX7ZeTMWe4W5O9rUY3NJuBBbdtjjGMc0rDPftB8fQ6lrniHTL9bbSZ9N1JLG3ilulZ7kNEkisoIGSd3Tk8dOKtL4usbGXX5L3WLGa1sbmK3SCzRnntmdQvkvtJ8yVn+6FA4I4rxnxd4b0zxdq3xFhi0d5/EetXGny+HrlrGQSAGCELIkhUiNVIycnODg8Yx0Oq+Ebm+1H4hW0/h3VbuyvtT02e2uLBWt5C0USpLcQPlfnjYBs5wQp60hXO9/4TnR9a1vwqlprN9af2jcXcMFrDalUneNGDLIZR8uwoWAOCx7Yrn/AIR+P7rUND03S5hfeI9X+26gt1dNLGot4Y7x0RpWZhjcB8ig5+U44FZmh+FPGka+BJ72I6rNomsXV5LNfXEMNybV45Iolk2na8pVwWK9RnOSBUPw7+EnivwP4jbWrWbS7OXUb26fVdNa5llhuIZJTJF8yx4WaNpGXd0IH0oEaXgHxd/wjOlalpqGTVNSvvGV9pWnpdXDfM2dyl3bcdiorE4yegA5yIvH3jX/AISLQbvQtT02O01bRfE2kpc26t5tvJE9xG0ciMyglWUnIYAgjnOavQ/Bm9mtrySXV4bPU18SSeJNOurKBnFrI+VaKRXI8xWTIOCvB69qf468A3w8K6zqFskviDxJqGqadeXRtbfYZUgmi2Ike44CoG7kksadgNr40eFRr3gXXhpnhiz1e+ktmtgrOiS28SEkvCWHDjIYAYyQK7Pwvf2fizwdpWoWsMh07UNPhdI5jhhGYwCjEDqBkZ7nrxWZfeH28VzpfNq3iDRrW5haOXSoysAZdx3EqYi6tg4yrDp1rV/4RnT3m02SNbi0Gm28trbW9tctFCqMiqAyKwBIVF2k8gjikBhPo9nrXxE0O/to4baw8Kwz2ccyoUEk8qLH9nXp8sa5Jx/EwHZqpfFBZIfGPwvvWB/s6316SG5YEYjkkt5Eh3EHA+bgZ6HA71d0H4O+DPDF/bX2naOUvLaT7RFJc3k0wjdud+GcqWJLHJHU1vw+E9EtdLvdMj0q1FhezNcXVo0e5JpHbcztu4JLAHI7igDhPDtrNN4q+NssfOnzmCONiPkeZLDEuMcE/cDY74Haud0TTdM8Ra/8G7LUpG+x3HguWOWM3LQGRSluQGZSDg7WOAckqO2a9huNI+x6C9hoIsdK3Fx80BkjXeCHO1WXLHOcnPTpVXwj4OsfC/hnRdKmS11CfTbRLVbuS3USMFGO4JAwfXvQI8Et/Enn+A/h3/b2qM3haJtR0+8vLqAXcSTJLttxcAk8eWDhiDjIPXFXrzRfC1jrXwtF5cTan4cmudTtVvNaz5dxEYlMXYbog7MFLDBG0HtX0QtrD5TRpHFHE5BKogAJGMHHQngdaxPEXhMa74g8Pai1/LayaLM9xFDHErCUuhjw5PQBcjA9qdxnhi+FYtJ0CG9t7CW48K2PjqO406NLZpzHp5BR/LUjcYd54C8c+wq146kuLnWtZbTtB1S0ax8R6bqiQ2umyzSXMSNHuuvMYYVQp2iJMbSDnrX0MynJcbgTxkZ59ST75pyyt8uWYEdOenX/ABP51NwPn/xR4ejvtN+M0dn4bumv9Smt5dMRNMfzJJPKQNsIUkESqxIGMHkGvX4dM1jUdUsNVi8T3FtpDLGToz6dDnAjUMhd8SBid3XOMj0rom4x1xjAHWl8wsectTA820vxTqGq+LkvrrwR4lHkzm10/wAy1WKGCN32yXDkuCJGA54woXHVmztax4X1WHTPEczeItW8QR3ljdQRaR9ngEe91IUKUUNxkDr0z6V16kKpAXA9Kcs25ssCfc0AeN/CXQvFfgbS5NHvdFudUg1HT43F9eqpe2uVhEZtLjBG+DIOwj7qkgjmsvwn4V8W6d4n0rV7/wAMakq/8I5c6ReI91bhYpcowSGMOFjiABCgDLbsnpXvDTbm4X8abuKrwMfT8P8AAflQI8bj8GeIf+FJ+C9IbR5Drnh280+5n02aVEMogkJkCN90llJP3h9aj8afDPXPFt94o8RWcH9mX9zLplxY6deFVa6a0ZnLSsrFVMm4KOf4OTXsbZyuE7Updt33MHr170DPF/HXgrXvGNx4u1yLSLiwutR8NtoVrpk00PmzzM7OXZg+zbGCgBJyeeKg8J+GfEnhPw/rnhu50FdZ0e9sDPCL66i3iaSP99bXDeZl1YnCyjkDb6V7T5Z3btmOeo9ulQzcMMR56/MffrQB4fqXw78Vf8K68b+Hba21C5sNQtraHR7HVrqKW6t5A2ZUM2eYlwAoZichscZrqFsdYm+Jz6+uiztpcvhxdOdxPDu88O0oXG/gYYrn1+tej+X8pynBGCPamnIJ+XGRg0AfO0/wj8Ta54R+HGh3en3Olz6HaXVrdXSXELCJ3QeSwXzP3se5FZlPVOvWvZvBOra1qGi2TeI9MXRtaQ4uY0njkh3ADMiMr52njg8jGBXQtzHs25X+72/zwPyqLcV424OetAHimi+DfGUXijw9qd74fiaSzXVLS7b+0IltfLnGYzDCnCRABTtxuJJ3HvTLHwD4ls/B/i/SLDTb630q/wDD72tro+oXME0lteOGXyreUMf3ADFgHYYJGM9R7e25GDd85/HqDTXYtgbc4GBTuB53oeia9pvjnQdWfSZDa3HhiLR7tjcRobSWKQMS4JO5Tz9z869B3fLuH3Wzj3x355qNmZMgR8EjOD6dKRmYZJXr70XKIjKwZQBwQaZGDlzjvUwz12Ypu4rnC0gGCQhvSh2+ZfrQWJP3KaSe4oAg2t5spPrwKdMd3ljdtDHHH0p5bcxO2o5MHqpwD2FArkducDBOdpx9amaQMQBUJZVXCq31IqH7RtboaBliQ7W4PFRSPtQkmm/awvVc0x5lk420ARtLvUCmmbbjmkkZIlI5+tN+VlBIyPpQMVpT1zTISdrbm+YetORo9xyT07imMq+YTuPNILkqSbl5xkc4qrazedsbP3ycVMFUZw2OPSogqRsMEKB04ximBe56j6UZ75qD7VGOC6/rS+dGzcOD9KB3JhIOmOagdXabcCNuOlSFk/hIzULqV+bfgUDHTMfLyOvtUCyMSD0wOae3zLww9aQRZXJOaAHzSMqrz96hWEgGOopuwSLgEA/yp0MSw/KWyfWgCXbnvTG9AaeXGcCmMwXOAPrmgCvNL5OTjNQm5D+vTNTSLvXPHX1qB4cjIIFBZIrg47USEAcVCY2RlLH5elS+WO3IoAhaVlUk9Ka0wwD14p9wu4bB061UaNlzjnPFAFhm2qGzyeaVX8xc9DUeN0Yz1WnwxnYT0JpgO2mmbalXgc0m4Z5ouBAy0hXirLKCuRUDfNkdKbAh3DGOlKu3PWq0m7zCB0oX681IE0kijgGoRMG6Hio54yvPNRRxlgRyKB3LJkCjrkU1WDc9KgkicKNopm1tuMkUBcuZ96KqBGx1/WigRsfFzWoNF8F3aTPdGPUCbQ/Y4XkkCsrF8BATyqsM9MkV594i1SfWfhToq3/h64stCt4NJl+13kqqWYS24ZfJUs20Lu5OBx09PbroCaF4mPySKUZc4yp4I/Kqa2cENpDZxQpFbxRrAkOflEa42qPQYHSre5ieK3mhnUNLku9DCw3EHie7sl+QjzbW7YRShd3J++jD3Wti7+H2sal8SDe3NnYN4ft7me3EjXJDyWUtsItqwpgqQ2/LN8zY64FekahpFlqWq6bql0s1zc6eJDbhpm8lS+AWZOjMBwD2BNXedq7RxjbnPXggn8c0xWOP1D4d2EmkaRpejrBoNhp+pRalHFDbhlZ0wyqQWUDLEZzk8V1evaTZ+JNDvdI1KH7Vp17G0U0ZDISh4GCG4IIBzntUrK7cNyMY/wDrUrRZySTySTjqfX8cZqRnLW/wp8HQs0h8O2U8jyrPJJdZmZpgu0uzOWLNjqTzz1rqNMsdP02NIrKzs7OKNWjRYIFRVVsllAA6Ek59akMBZkGxjzs5zljx8o569M/UU+2mhud7wyRS+W3lMY2BKsOqn0I70AW1umlDp5pdW6rk4NPwJEIcbgfXmmD7tSx/dFKwrDlXbwOvP69adtY9FH41ItOU4pBYVYmbBOMjpUnlM3Vu+aFcCnj5snOKdxCeSVySc5PNKoCMDvYduDTJCzSuFPAHSpGj9R0P9KkB8Sqn3ScdAM1NtVvlPP41SW3Zu7fezyanjg28nrRcCxtXHIxjoc0KyjPvUKq5wCON2DUvlllZRwR0pgTxyBmCqffFPl2qhOBwPSoreAxsCcE4qaRTIjL7UgI/NGVJ5LUL85NNMR+TphamhhK7j60rAVjcStdLGu3AGTVhmxknp7U1bcJMX2jOMZxSupUcdPSqAasocHrTWmHQU6OLYMZ570PCuMg80gGece4pjStsbs1BjA53d6NvzZJyaLgN8xtxzxxRJcDzAoHOKPvfWo2t13biTn2ouBMJtuQRVWaZ9ygLkE1ZEYx1z9aiKktwKLgRvuCkbce9VNzLbqdx3buTWiyrt561WaFGGCWA9jRcCCSUw7wTuLD5frTolJRd33+5qRo92AeQOQT1pdp24U896YEE0gXOeaieQEn61ZkhVl+brUPkqRyTQAzzNtQs3z5Iqw0adjzUTxg96B3IWmYduKY027txVjy1PBNV5YgrqFyBnpQFyJrhoyVWPecZqUMTGGAIOORQ0YY8DBp/8OM4xQNlVZHaSQ5IANMDtNIx3celTquCdvfrSbdnTpQSU7iTyMDn5jjiq004fcoyrkZGatXVuJmUsSAp3f5/OqklupckcMFxz9QaChVkbp1x1qRmCjjuM1HHCvmO248+/FOljHUHHakK4yaT5fSmiT5VJ4NGwFdrHn6USR8Lii4x7H5c9ag85hNtAyMZPtU64C4NRqqox560AEzhc5OBioPOjZc5OadMrliMjbUSwnO3OO9FwHK4PLAYFHnRlscc8imyW5U9c0z7LubdRcZOWCqeM1Ijq8YJ49qYsOVxml+zk8A0XKDdGOuAKeixlnCtxVdbfaybiHGO9SR2phkJ4GTmmBM0IjU8VC0gC7scZqxuLKwY81BJbl7dkHBoAU4bGeARmoZFRFxnNV9V1S20WzFxclvLDpCqxoXkkkdgqoijlmJIwKr6bqcWuaba6haSF7eYHazRtGTg4J2MAy8gjBPVT7UAWQ46YwKk2o3AbmqmpTLp9jcXU5xBBE8rlQSQqqSTgAk4xnHfGO9ULHWrS71p9PguFe8ht0uZYGDB1jk+4xyAMHHbpzQVc3GVWUZbpTVwpIDHHsah+Ybu4Jp6wtt96AB1Vfm3N6dajmxkHkcVIYHb+dJPGTsPJA6igZW8xVXljyfWrCt8vJIqtJavLjABG7NSMD02kH607gOZtvzbjj61H1UkseeetMfccgjikjRufSkBJG+0/eJ/GhssxxUDRtuGOKk2nuadwImjfdndioyNrfeyas/rVaRMSEnOMckdqQDt3mLUG7nGaja+ih3QtNEkw6o0g3fXH9KYbpIpVjYqkzDcI5JFDY+lAFvJI+9UbKf/ANdEknlxHJ2lfvFu1QG4+Ulip7gA5z9DnmgCfy29RRULTbDgsF9iTRTsB6H5LMwOSSDkKuOfzprQhVMRI3EbSy8A9uhznGD0rkPjHJqsHgPUJtHsG1W5glgmlsEfYbmBZFaWPODkFA2R6Zrx/UfjNJpXhHTz4O26bpE2mS6hHBc2u+e3lF/FHJEdx+4okYDjPA9Kqxieyr8UNAuPEFrpNpLcXV7cajPpg8u3YRx3EaeY6OxPHyDP4Vu3WpWdlNBDdXlvbS3b7IEnmWNpjjgLzkn0xknFfMviSDTr7x9LDrDrHanx3fmZ5ZjEPn08YywIIBKgfjimeD9E1i81TwHB4ot/EF1bXWgWrWUtta7y88V2ZQJJGU+UNgiJOckKBTA93t/i34S1DVm0yw1+3vdSaOci3t4nc7ohmReBjeMj5c546Vyngn422z6T4N0vz7rxTrWq2f2mS68pLRnjM5iLiE8sRydi87UJri/Bvw38U2fi7StSbQLqPT7LWteuHkmeOENFdIEhcBmydx6sBgD8KsaL+zrq154W8FaVrJ0m0ufD7pJHfWtw7XMRFw0rCNlGHVkKrtJ4IzUgYGpa1b6reaHcRpdwz2vxONncNe34uz82dwRgE2xHaAEIyNtX7L4ma54V8J3X9g2elaFPN4/l0i6VbWWZZfN+9Kd78NuU/d4rt1+APmSXEt14jkQyeKH8UItrZj91cH/lludyCoyM/L1FbEfwG8Mva3MF1capeR3WtN4geM3KR/6Yc/MNiAgDJwN2OelArk/wB8aa14s0LxNFr96upX2j6/d6Yt0kSR+YiEbcqihe/GPxr1RW+XPSuW8J+C9F8HjUZNHtXgbUrlry7Zp5ZvNmbqx3nAPrjrXR+YWwOh+mKVwuWo5Md6nHzD0qov3f85/ClhuUkmlhEiGaLHmxBwXjz93cB0yM0hsu7sds1OhGKqqT61IvWgkurt7daGIpkSl2VQMluAB1JwcAdP5isrTPElr4iuJk0xJry1gkeJ9QUKLdpVwHRG3AvgnBIXaCD83qWA11fkc1KrDNZWtaxa+HdKuNRvHZYINvyIu55GLAKijuzMQo9zzxWB4m8Ya5oMEklj4Rn1qSztVu9Q8q+SNLdfmJRCR+9kwrMQvAG3uamwHccqppFNUfDutW3ifQ9O1ez8w2OoW0dzCJEKybHXIBXuwA9eT69Dx2r/EC6vfHl34T8O3miR6rZW0U8kWpSM/2mR2YGBBG25WRVJY7SckcAZqgPRQ2Vpaw7fxx4amkvok13T2ksYWnul+0LmFB95j3KjK/MAcZGcVHonxE8L+ItVXTdO12y1C9aD7QsUDltyY+YqwADAAg8cigDolXctPyVGM15f4k8ZXkPgK31nQfE8eprF4ghtLi5SzjjDxPcpGYAGHGwOBv6tjmvVLyN9sxhVTIAwVH+7uAIGSOccZ4p2EQ7Wbr0pD0wa8+tT4o8NeOfDdpeeIG1+HW/tC3tlLaxxCzKRB/MiKAELuKphv7wPWu28TaxaeFdB1DWNRLJZ2MLSyngHaM4xz1JIGTSGWT94nvSMCeg/HHSuG8VeM2Xw3eLPb614fZri2sft0EcMkkTTbPLkTDMrqScEg5HPFYfjLVriXwz8WNHTUdZj1TSrR9RjuHkSP7Orws0XkvC2dmYmbDYPUYpAeo4L/LjJ9do/MVHgsSdpGOOh49j715V4k1jUr7VPhho0mnzahpGq2byXSrerCblltAwBIKkbSd555yOtakfxCs/DPhyaeKxv7/AML6Pdtpdxq890JJ1ZJNjyFCA7xqxC7twPAOCCTSsB36qWPU/hilWN9/y8gjOFBzjkqeT3w35V5n4k+MlzoV54rEfha7u7bww0cl9dLfQgPG6bw8SjlvlwdvB681rSXmmax8SdR0GbRmSW80EXC6r9pIW5tzKAUVF5XBJ5PPAHQ0WYHbKwLgEZIAb5f4s+/T8qZI+wdQAxwMEc+y55NeT/CnxhNZ/Dv4caPbQRXmvalp80ifapmhjjihP7yWRtrHILKMAc8+lY/jX4i6Xff8Il4h1VDoF14d8V/2XqyzvuFrthlL8j78ZBRweDhqLAe2biepBBPUHr/k44pkkgjVSx5OcKSF3464+nHSuH1r4kXvh7wjbeIdT0m10y1vLuOOKWe6d0t4ZCSJ7kqn7sYC/cJALj0qvceLPO1X4ez3+hadcSate3FtDfQXZkW2IjkIaLj51kRWyf8Aa5osB3qtuHXd/tZB/lx9MU48DIHNeYt4ouvBPijxT4es7H+0orfS7fW9LsWuBEIw8himjDtwsQcCTGRgEgVDb/Gpm0HxRdyW1rcNoV9a2st7YtLJaGCcKRclceYEXc+ev3Qc460B6e0pPFVmmbcRjiuBb4o3clnoa2trZajf6vLdfZ59PaS6tmt4dv7792CxY70ygUYO7J45zbHxx4q1rxd4Bjm0uLw/FqUN+19p96JC/mQ4yQcDKlTujBwc/e6UAenh/WmM2cAHGa870D4oanqnjC30GbSbFby7tb2eGGO7LGCW3YFYZ5FDJllIJ2dM4NZPh34r+KfEUHhKRfD2kRx+KI5lsz/aMmYZY1LkS/J02hh8uTkCgD1cOq7SXWNn4VWYZY+gB60krDcpyFJO1QWAy3oM8k9a8zj8fPrdv4Kvrvw5YSXFx4jbR5maZm+wXavNCGgBGSDsbkkD5+lYfjHxRc+LP+EQ16zs7IaLa+MYbC3uJGb7W4WV7dmAA27Hk3DHXbg0AezElSoAGP8AZ5/P3psn3Sc4wCTnOOnfFed3XxamjsG8QjTYpPCp1k6S1ws5W6jPnGDz2Qrgx+dwB1xg9K1dc+LHhbSbDVLiPXNNvrzT8q9jHexh/NLiJVY5+QF2XORwD6UDudOu5XYcgZ6enfGfoVPPrUrE44GT0AwTz2ryH4S+KdK06+8fjU/FlhfGPUobma/e8i8pfNt4QxTBAVBISig8A4HrW9ceN77VPiV4c07QZ9N1bQb7TLu582K5+WaSOSJPvqrDKlioAIDFiT90U7CO8kAZQVAK4yO+fx6HnP5VTZS2SRXnXhD4iCHQ/BZg8Pw6XomsXlxprtHemQ2M4lmVUPyfNvMZwS33uKta58VLzSfD41j+wYJbLF7Ks01/5cUkcDlUCkJuMkoG5U6bVznk0WHc7nbtHHy0m7bn1H3uehrN03xdo+orp3l6naR3N/bx3cFncXMaXDK6h0+TvnpgDt71znhGSWz8afEG0ub25mtbW6tZka8lZhFHJah2A3H5VBDHsM1IjspG80Zxg0bSy471T03UbbUo3ks7q3vYlIUyWsqyqGxyCVJGcY4zV7370rFDFHrzTH+90qTOGqKRvmGKYDUyxORSt645p/Aph+bilYBlN8wLxTnG01G0RakMcsmfmHSneZv/ANn6Uka7VNKv3aB3HNGGUe1IrENg/nSKflqRFDLzVXGNbPJzSljtU9TSN3HapFXcvHWmBwXxetY5fD2kyyTz25g1zT/mhlKbt06pn0z83GehxXP2ut6vqHji9ifxWultZatJp76XNl55YSoWJkhZThiMSeYc7sMDxXqV9pVnqUPk31pb3kO7d5dxEsi59cEdaim0PTJNRjvzp1kb6OLyUujbIZVj27dgbGQuOMZxjigDxjwn4k8UNpukvJ4lvLq71Xw3fXYeRIT5N1bsm14xt9Hw2SR0PBrpfCerPqfjTQ72V1a41PwbbyyN082RJskjjr+9I44yDXcL4K8PKsYGh6cnlIyR7bWMBVbO5RxwDuOR3yaS18M6Tp9xDPbaVZ288EfkxSRQKrRx5zsUgcLnnA4pAXo4x1zz2FTFttIuTxSSKaLlCNIfWk3fLSLGc880siYxTGRsw3VGxy1Kw+ak2HrQAyTg0m49uKHXPU0KvtQAn3qTlT61Iq7c0x6AGkj8aYyhsce+R1FJtNLt65PHfIJ/lQB434qsx4X8S3upajpsOs+H59VjuTq1oFN7pcxZcxyZ+/Fk4G3gBgMc1Y8IaRb+LNG8XNq8MZ1ptU1CKS7bie22kiHy5DzGFQKQQQDk+tdzqPgTSNSvrm4uIbgm6lSe5txdSiC4dcbS0edrcKBgjsPSjVvBek6rcXM80U8Ml0giuRbXMkK3KgYAkUH5+Nq+uFA6UAYHgDxZ/wAJR4P8Mw61bXE11rFmN8j2xaCZipIUt0BKqzYx0rzbTUnm+F/gEyaFB9lsdXtI/tjSxtvAmeFjsxkZJ5J645r2TU/CY1DUNHaNo7Cy0w7ka2Bjnj+Qr5aH7oUg87h2FV/+FcaEvh+PRhBcrp0M63SRpeSExyBi4IJOeGO7HQHkUAbbrIW+VuO3y0Vaj/dxqod8KMDkmincDp/Eml3Wr2MMdjf/ANmXkNzFcJdeT523YwJBUsoIIyvJxzXH3XwW8Maktn/altJfXEJneR/NaBZ5JpRNKWRSBgvggZYYA9BXc6019Dp876Xbx3eoEBYIriQxxbiwGXYDhRkk1z02r3mufDyLVRd/8IzcXNkt3LcbFkNqu0u+3cu0/wCyTkDJNWYl+28J6JatcmDQ7FjNL9okZ7cSlpCNpdmOSWxgbj+dX2YtvUSFXxz8wBPH9BmuTttSTxB8J7e4vru2vLq+0UzGSGQATyeTlnTHpgnAHBB9RXEWOi2vh2z+D+saDAmm6nqjW9ldmBeLuKWzLu0ir98q6I+TnnJ70AetabfWmsWEN3ZSpPazDfE6dDyQQARnjGKvRQ5DDGSwO5iRxkHk57V4PqXirxRq3hu0lHiC40wjwrfap5WnxRwn7Tbz7F5Ks2zkZHpkd6q65rl9o9vrsE2s315pkkWhahqE127XQggmZ/tTBR92LhNyAY2npUgz2/UPEemabq+k6fdXUVve6p5n2WEsq71Rctyx98fWuci8ValJrHgSFNQ0y90/WZ7uC6k01GeOQxxSPGI3LHgeXtPHUn0rivCukaLpfinwHqOj219rPh+W81SKK+ksNynzURgEQD5IQ4cLwMbWPpVnwPo2rQ6Z8OY/7F1KFdO1nU57hvs3leTBMswifLjGMSxkcE4B/u0Mk9Y8TaFqus2MFpp2uSeH284NcX1vCskwjAJ2IHBUEkr8xB+7isf4WQXlt4c1O51TXLzWIjqlzHb3upMobyImMSsCqqpDNG7YAA+Yc1o6T4bm8KaXqX9nanq2s6jJExhbWb9rjbMFbYFyBtBY84HpUdv8NdBm8KaDoWr6XZ6xFpcKCJbpPMUzBMNJjIyWYse/DHipAp+IfiRcaQviObS9Ii1iz8NxxvqkguyjtuTzJI7cBGDskTBiSQORg8Vxlh40ttP+NGv6foAs01DxVaaTdaebqFhEy+TK8kj7WXLhAAFByzY4xkjsr34Up9u8QjStVXSND8QW0Vtqdh9lV9oSPy18h9yiMmL5cFT19hRrXwR0XWtW1C7uLy+t0uILOCCK1VI3sfsrfuXhcqxDrlhuJHB4FAiv4g+IWoeHfiJYaLql2NI0+aazS0vZ9OzaalubM6edz5UpyEVCQMgcnNZE3xG12bwTN46tL79za66bA6K8CeU9sLoW7Kx5fzTuDBg3G7GOmO6b4c2N1cCS/wBS1TUlmeCe6tbieLybiSEL5blBGpzlBkqee9Xo/h7oUWuTamLJo7mW8N/LbrcOLV7oEfvjCTsLDaCGA6nJ5oGY/j/xZr7eFfG1rpvhXWNOmtdNvVtdTlaBo5HRCF2KshYkgkr8vUVzXgmPUvB978PNP8PavNr2i6p4flY6fdOixxtDCrxyowQMgLvsOc5L5wTk17Smd2WLb8khmPr1OPSqWkeHtJ8PyTSaZptpp73H+se2hVDJznnA6ZJOPU5qmB5t4/vPEsmn+EbnxDpdhpVvF4r04zx2F8blPLZnUeaxjQKN5jzjpmug+J3xA0jQWh8M3mqnT7vUYWE84iklNvbkYcqEB/eNyqjty3auv1jRrPX9PuNPv4TcWVyuyWNThiCRyD2YHBB7ECrOnw3FjaRwXF495cIgR53Xa744BbHtj6kE96kDlLeHVda8P6NJ4N1Oz8P6HFb+VHBqOkPI+xDtVgC6bE2rwCpJGCfvVhX2lT3nxQ8dQWsFxaJqfhqCwg1L7HKkIuVM2f3u0rkB0bOT39K9RUuckncP7x7e/Jx+dLwzKxbO3OCpDAZ6njpQB454H0s3Gn6aL/wTrVlr2i6XLYXFzqcryQRgxFXjtiXIfeShACgYz6Uvg3w5run2fwbWbQL+Gfw/DcQ6kuxE8gyQ+WDycHc5DH2r1ttQtlvorP7Vbi+kQulr5qmUoDy23rgZ/Wr8a7VBHTGV+h/xoEeKXHgrxLcfDjxLpEegym/uvFLaraQyTRKJLc3aTbiS4xhYyMe9enP4at5PEB177ZrTXAIlTT21NvswbYAE8oHaeecdzj61u8sdn3g38H97/PX8Kz9N8Tabreo6nY2V7HdXunOkV5HGGzEzAlQSepIB/KncDjvD8fjk6897qHh/R4RcyLEbwaqZvs1qDnyo4xHz6sc/MW9AuNO6+Hthplvqs+i2pn1G8iaLydWvJri3mDOCUdHZlVW4HC8Zrsc8lurdSee34H/JrFvPFWn6f4k0zQp5JE1O/hkmt08pijCMEvl8Be4G3r+VIDzX/hS99/wiPiTRLK4h0mzu7m1utL0mS5kuLWzlhkEjjcwBVJHGAqjAxnmr9z8P/FOqah41v9QudHU+I9Jj09oYROVgkVHQ5ZlG4Df1xk8dMYPqX3QMAjAIXHXjINUbq/FrqNjarZ3U/wBp83bPHGGhhCrkB2yCCe2PWgLHEN4B1uKfwFOLnTxP4YiaOYsZP9IJgMGVOOBgA557cVRuvhBOdJ8R+G4dSg/4RPXLyS9mgkjY3Vv5jh5Y4iDtKkrkFumTxzXTaZ46i1jRb/U9O0jVLhrHUH0+Wy8lFuN6OqO2C2NoDE+uOataT4ri1jxTrvh6K0uYLzR1gaRpVXbOkgYo0eD0G0jJ60Aclrvwru9Uk8erFq9rBaeKrSCyKG2aRrYRR+UD98B8q35itS18C6jbeNLDxA+q28s1ron9i+Stk4EmG3rLkSHB3444GO9doud3zblbpjofYH/61Plty2AYzk8DcPb0ycjApageV6L8GH8P6R4U+xa2q6z4aedLTUGtMxzQzMTLDLEJMkFnwCGBGAfWpdW+DseqWMEC6jF9qbW/7cvJJrIOl1chRGE8vzMJHtwu3knGc9a77Vpry10+4nsbP+0rpApW389IRJkhRl2zt4JJ9gaZ/bNm2tPpCXAbUY7dbprXHzLGWKqTkdCVOAeSBmmM4zQ/hfqHhvRF0XTfFDx6XDeNPZW9xZCVYYDuBtmBkPmRYb7rcrtGD2qrp/watdLtfDlvYanLbJo2qy6xHGtqpR5Jg26NVz8kQV3UKM9ueK9HJLLyfrjkGkxn/PrSA8r174Xx/EPWfE17qLXWnQX2nw6PZtEhSZVhlMsku0g7gZQBg8FVPZs1ds/hXc2uq6tqkXi7VG1HUntLiaYW0IRpYVCq3lgLlWVQmzOMHvXokke4kf546VFIvByO+T9aLgeYyfBDTodOhFjq11pGsRajNqcWqafHFH5csqqsqLEQU8phsBQggnPPrpXXwyjkm8P3Ta1qyalpM0832/cjS3BnUCZSGUqoIVQNuMAcdBXdFicnqT1/z+NMZflIxTA8u0H4L2vh/UdFu7XxNrBXSGufsUbfZ9scVx95CdgLgNg7jycc1b0f4Sw6La+ELW31y/ePwxPNPaeZbxZfzdylHwOmHcAD1Fd6oIbGTStFnjHH+f8AAflQB51D8IoYbGytRr94Pseutr8UnkxbjcMWYqOPuEyNwecEelVL74J20zzW9r4i1XTNHk1VdbTTbeKFo4blZPMJR3UkJuydvTk45r1A/KuKgZQzHIz3oHY4E/CeximurdL+4Ggz6iNWm0Uqnlm5Dq+RJ95Y2dA5THbjgnPVXWlafdSSLLY2czSHc3nW8ZLnJO4hgc5Izz6euK02b19/161WvmLQsB9aQWOU0fwLoWi6xrep2dnagasY98ItowkYjjCBUwPukgMR0zzSat4NhvfEWia1ZXkuj3WlpNEI7W3j8uWKUqzIQcAAlByORXQSAxruBOTtBprIYZPmbKsxxiquFjy/xB4NGj/DSXwOItQ8QyaxNM9rPbWoRbSV5RMHkdW/dhXYurDsuPStzxR8MrbVpdESx1S40mDTLK40tI47dZFltpUVGwH+5IAo+dcZBIrr5WeOAlWKBeah8x/L+Y5IwOnai4jD8NeD7Dw7oujWlyLfVr3TIFtY9SmtYlmwgwu1guRtXbjB4xSaf4XfT/FHiPV5r6K8g1lYUlsjahVRYkKICdxzlWIPy88VsSs6+aBnGN2aQebNKMcpj5s9xSHYTT9K03SLdo9N0+00+KRvMdLSBYgzYxkhQMmpzyaqfamQAL0B71IjSNznO3k0DJtvrUVx8uCBzmoFuHcBhkLTJLiVixA6DPNAE4ctgdKesiMThuRx0qhPcTYXYNoI5PcGlhkLcbgCw4IHekwLzKOpOaarD7ueaz/tkq/LkMcccUTTOJoJFJ+ccgdKkDRPFBXjiqhud0Qzw1XDGzRkg44zTsMZtx6085yAOlQh2XDE8ClVvvNuxkUWHcsttC5OBimCVVcru6VUld5ImUNkkelQ7jCZJGIPGelUM0ZHLZ7D1pYGV1JyCD0qi1zyAPmHeljk2ogXC8+lAF7aOTmoph0waqyXUipzgjHpUV1dS7S0fyjj71IC7grzTZJAOppjNJ5YKn5sZx+FVd7sqMw5pWKuXAw6im+aG5zVZnchCOAQajjLsqg881QXLxVepqKSRemaqNcudy4xtppbdu55oAnLCQ8U4qaqK5RSf5VO0rrblwMkCgLitIF6mk3DGRzVFppG8wEfKMENSNcEEqvpQMtLndntS7gx4FVRcMFlzx6Uli7bsSMSTyKALX+r4NR7VbgdPSnXDbY27mo42XPPtQAfKrAgZPakZjldzAEH5fbNRlv9IlwOBUcyo0yOx+nNAFna3tRVY3HNFAHZ69e2lnply19FcT2rr5Lx2kUkkrBzswqxkN/F2PTNcX4auNY8L6PpPh220NtQe209bhTeXiRx+V5zARM20klU2jHfB7g59AlzuOO/BqHy18xpCgLsAC2OWAOQCfTr+daGJyWm/DjTLPQ4IvslkNYgsZbNNUa2ErQiQuzLGdw+UGRxxjil8K/D2Lwz/ZTXWpXesXWl2gsrJ7iNYlto9uwlEVQNzIANxJOMjNbGp68un+ItH0h7aRm1GO6cXG5QiiJckcn0NJNrkGmTag+o3Vlb2FvHb7fKZml3OWJDr2DEqEx15oFcydO+GPhqxs7e3XTTcQQ2z2Uf2qaSRfJZy8ifMSCrMeR/s1v2Wiafp+5rDTrS0PliNmggRGZRjCk45AwOPauA8eeMY/7D1u60HxKwuLfTbK8WG1twQsLzkeaJGGSJFJXuV2g9zVvxt4gTVl0O8sBe29rD4ptbVJlmRI7tDI0b4VXO+PnHzAfdJA5qQud4zFUGz7mADxjA7DHHH5VmzeMtAt9LudTutf0xNPhYRT3ZvI2jRyPlGQ3XnpknrxXOQ/Ewy3+iTf2bHL4a1bVJtGttQjnLTGZGkUSNHtA8tzFIBzkbRxzUfwr06a6+DnhlrPTrC+1O3smNtHfsVh84sybnIBP3RywBNAj0jTbyHVLW3u7SSO6trhPOhmik3JIp6NuAIwemegA+lc54a+J3h/xF4ifRLGe5+3+S80P2izkgjvI0IDNC7ABgCTnHb2NUvgpun+Feg2LacdPksxNpk1qzF18yKZ4nIOASCysw6cE8YpbfUNI174g6ZcfbLER6Kk2naZCsyq1xcShRKqKD9yNIvL+u/sopWA6PXPFH9h6hpWm2Vm2razqBm+y2MUwhzHCu55Gc8KvIHuSB0rn774mP/wAIro/iTRrO3utHuryGyuEupXiuIpXuFt2RQqFWKOTn5sdMZGcUNY1PTY/it4F8W/2jbSeG2sNQ0t9USTNvHMSjANIMqMiKRc4xlAO4rl5NNubL4C3tzcRtGNR8TpqsMcgKsYZdUjaMkZyMrhwPQ9KQHoegfEy3fxF4l0XXr3SNIvLHV/7O0+H7Tsa7zCjhvnPzElyDtGBjgV0WreONB8P6lHp97qUdtczMiBXDYG8kRK7hSiF+iqxBPHQkGvGfGuizaqvxrjtNEvLrVdQ1HTXsJYdNkdpvLWENsOzorKRgHuT2rUu/Cd/J408VQ6p4Fn8U6f4gu01Cy1Ce7KWtv+6RWju4TINpjZM9CSAPSgDu7745+C9Gvbi3n1dmNrciyu547KdobSToGlkVSqKSerHnacdKIPixDH4i8bWV5pV/FYeGIoJJLyONW84sjOTgHo/y+XtHIJzXByaZqviuT4z+EbXTTNFq2rLA2pySxLBbh7SAszqX3llUBhhT1HcV0+p/D/xVY6543Ph/ULGwi1zTLS3tb6aV1ubaeCJotuxVPDKwO/IIB6ccO4jXvvjHY6dpPiq7n0XVo7rw3BFc31h+6MnlSqzI4IdgeAdwyCMHitDQfiTFqviK50fUNJuNCZdNTWLeW7nhZZbZn2MWKnEbAgfKexBzXCr8F/EV5Z+L4lfw/pUHiTRINMkgthO32eRdymQscbsiQnd1JOe1dpB8Pbm58Y2Ws6pcaZdWiaD/AGHdWJt3kSeMMr7stx1UDB45pAa2raXoHxItYrea7ttY0qGRvtNrb3IeCVypAEhjY8KDnbnHGccVzfw3uNM+HvgvVLq/1L+zPCkuqyvpJ1KU4htGAEarnkKxV2VTztIre8UfD5dV8Pto2gXNr4Rt55le6+x6bG3nqoGEYAquD8uSc8DGME1o+F/D+o6PFcDVPEFx4immKCP7RaxQR26rnCqkY28k8t1wBQB5n8QviFoHh/x94H8Yw3MN5ZTabqVrHeRAYd8wiPc3ZNx+83C5zXa69rfiHRtK0GC41TTU1C+lMc09jaGV+I9yRW8BdvNJOcsTwoJ4BGNDxH4FsvFGtaXqd/dzLHp8c8S2YSJrd0mAWYOCpJBGBjj61kWHwd0ez07w/arq+uj+w3dtOuftqrLAjoFaMEICYzgDGSQAMHigDl7T4k+KfEnhv4eXNne2Oj3OvaldaXes1l54V4xN8ygtgEGL7hOMngnFRrovi2T4g+N4LLxYum6jDpenXD3a6chF3MsMoLFXJCJlWyF9V59e2034MeHNLtNOtrRdThh068bUrWP+0JT5Uz7uRu/h+Z8AddxzWxrHw/0bWNUuNUuLe4jv7mBbe4e2upoFuIlPCSqrAMvUc+pHc0gPP/BPjzVvilq2ladc3U3hyWbw5BqxGnhQ8s8krRsw3qT5ahQQB1388AVyesfEDxBJpvw+8RPpx1DXre61nT2jgGDclEZDIqDGc7C2xcZ6LgmvcdT8D6Trjae0+nbWsFMdnJau9u8MbLtMaujA7cAAr0IA4pZfAuhySaXu0iJW0pStjtDJ9nB67cNx1PI9aLgcDqVxfXvgvwte+FtYuPFS3Mxnnhm1M2t1qUYibfHG4/1bK2W8vjJTDHOc0dJ8TS3t58Krqz1XWGs76e+sLu11KTY7vHFIcTLzudHXbncQdo45r0Jfh54VtrP7JFoVhDF5xuBHGm0CUgguPm4YgnnryastofhuP7FvstIH9nn/AEPesWbY5z8mT8pzzkUXA8W8S3Uun/DP4sXFjfz2F1p3iua4jktJjGw3S252nacspDNkd/wqH4na1Lo/xe8RPh28NT6Zps2tS2EpF1FaLLON0ZHYHYHI+YIc17HJb+DbWOeN4/DsUdxIHnVvswErgkhmB+8QcnJ5qP8AtXwTbs7fbPDSSMvlsyyWwYrgDaTnkYA49hQBYvLnToPCF7d2Nwx0yGwmkSXTZN8oj8ovmI4yWAPGQegrwPwn4k02PVrm3g1qLTNO1bwdNIx02YzyxTI/MkjZ2vdCMuXwF7DqBXutv468IaZGsMPiHQrKJc7Y4ruFFGeuADimf8LE8GWqr5XiXQkKggCO6iGAeo4PQ0XGeE6nJGvwv+Jel3VtpsV7aaRDdRatoE5+xXjDeIWCA/u5iQdyEnPWu207+xbX46afqUsFvv1bwxbtZ3ccG7z7lZm3FG5O/awyTjgfSuzb4oeC7VRHH4h0hEzu2QSKRnjnC9+Bz7Uz/hbng9cIniOzAHIWMv8AyANFxHWtj2P05Hvz3pErlI/il4Vb7urq2OyWs7D9Epf+Fo+GCcDUZT/u2Fyf5RUhnUM2Gpkq965k/Evw433bm/k/3dKu2/lFUUnxO0DkBtTbj+HRr0/+06LAdM1RmuaX4k6Lx+61ph7aFef/ABukb4kaSc7LHXn/AN3Q7v8A+N1QHRsBycUzNc0fiNpx6ab4i/DQbo/+06ib4iWSthdI8RsPX+wrofzSgDqD8xpjLtauX/4WJa4yNF8SN240S4/+Jpv/AAsW25U6F4mJ6/8AIEuP/iaB3OndQe1QyJ8p9+K51fiBC2MaB4nP10WcfzFI/jyFRk6B4lIzjH9jy0gubqxg8NSSRKuDgE/Suebx5EDn/hH/ABMw9F0eXNNbx5H28O+J8f8AYHkouNm+0avGQQPpimNbowHA/KsBvHEW3I0HxED3H9kS5qFvHkRbH9g+Jcj00eWmSb09uvIwDnimR26wrkcGsSTx5CQSPD/iYcdTo0lV/wDhOI2IJ0HxLj/sDy0DudB9nRtzbVGfQU9o1VcjuOcVzzeOoWXjQfEn/gnlqP8A4T6LHOg+JB/3Bpv6CgZv+THtPaolhHIxnvXPt48g2n/iQ+JP/BLcf/E0z/hPrddp/sTxIpPHOiXH/wATSA6LyR3XIpv2eNcYXGOhrm5viBbhgF0bxFj/ALAlx/8AE03/AIT62yP+JP4jH/cEuf8A4k0gOja1jIAwowc9KRrddo+XgdMdqwZPHlmuM6R4iH10S5/+IFMPj60YYGleIP8AwSXP/wASaLAb32deuPzqyrF48DpXKDx7ZdBpXiI/9wS6/wDjdSr8QbFeBpXiI+39h3X/AMbqgOmW3XbxzTlhXoRxXO/8J9ZLyukeIvp/Yl1/8bo/4WBZLydK8RD66Jdf/G6BnR/Z0XJ6CopLdZEZdu4d6wW8f2JAzp+v4/7Al1/8bp3/AAsDTun9n68OP+gJdf8AxugdzZ+xKqggFTSxW6DjFYQ+IOn/APPhr2f+wHd//G6G8eabnJsteH/cEu//AI3QM6JrVGXlenNQ3loJIsr8rHishPiBpSjL2euD/uCXf/xumSfELSn4FrrR9M6Jd/8AxugDdMTBVVucADimyQLsHy8ZrnW8eafj5rfWAM9P7Fu//jdRv8QNLPWDWFHvot2P/adAHQ+QnA2nFM8hVYYBX8awF8faUekWrf8Agmuz/wC06JPiBpEZ5TVvx0W7H/tOgDoTBGxzt69ar/ZkYtgVh/8ACyNHHRdUH/cGu/8A43SL8QNKU7imqbW/6g93/wDG6dhm6LZNpGKXy1VNuTWH/wALC0fdjZqmMf8AQHu//jdMPxA0numqf+Ce7/8AjdILG19nXGMMVpotIlbIU5+tYx+IGk7eItVz6DRrv/43UbfEHSNoIg1bOf8AoC3Y/wDadBRt/ZR83B6+tHkrxxgjpzWC3j/S/wDn31c/TR7r/wCN03/hOtM3Ai11g/8AcIuv/jdAHQNGGzn8qiEO1sisI/EDS2cgW2sE/wDYGuj/AO06cvjjTupttYIPYaLd/wDxugDc8lGzn5iahlskbHyd6xW8c6crYFnrZPtol3/8bo/4TyxKn/QdbHv/AGLcj+aUAa/2VR/e/OisH/hOrL/oHa2f+4Pcf/E0UAemeLNQm0XQLy9tjEJowuHm5VAWALbcjeQCSEByxAA5NeWN4s1nVbTR9Tm8RzaNbf2NJqWoJbwRrHEqB41OGVmLSS4IXfjCEY616J8Sf+RWX/sJ6Z/6X29fNmm/dv8A6W//AKPvK1MWdBBcaL4iurO08T3cd/pdnqV8hjuL5ptgfT4pIg0pJy5ff8obHmAjGAK1tO8K30drPBf22uW97/ZmiM+paTbs1xDcx+dmUHG12TMe9c8gmu3+AP8AyTG1/wCukX/pOlen3f8Ax8y/9fEn/oQpEngmpeAPGfiTRdStLrSoft1/4XttMkmknihiW4W4aQqyg/KNjAHA61v6b8NfEsfhvT9BbUNNjsdL1e3v9OadpprhbeF/MFu+FAJX7obPRa9Q/gg+r0xf+PaX/dj/AJR1IHI+HPhbDo99Zo2pNdaBY6nLq1lYG3GYbiQvy0wY71BkcqMDnknIFVPh34Zurz4f6Po2oLr3h250p5MNaXC27TgyScAqzbl2kfLweh7V6Pcf8fUv/XVv/QjV+6/1M30b+lAGD/wiOkCHS0/sxTBpkjTWWd/7p3VldiTgux3tk+9Z+m+B/BPge+W6tND0LRL1ASJ/LiimXP3juPzDdnnntXk3xk/1Un4/+gmvmrSP+Pwf9dR/WhgfejeP/BWiwi2fxH4etIVPFvHdw7Rk5+4pPOeenWsHxZ4s8E+OLGHT7jxNeSWyzJLLZ6TayTGZklR13FYGI5UcDHTrWV8Ef+PO2+o/pXu83+qi/wB5qkDz/wD4WZYXe6SDS/El4GLMpttDuQDk8jDqvFSR+NL2Tm38F+JpQed0sVvAPb78oNdldf67/tnF/JqrW/8ArG+tAHEaUt9pN9qF9pXw7u7S71F/NvJrrWbcPOwGAzYkfPBx079a2IdY8Yz8ReF9Ki4xifXOg+iQmuk/hekh+6v+9QIw/M8cswxZ+F7b/fu7qUj8ok/nUv2fxvICx1bw3bn/AGdOuJP1Mw/lXTL9/wDCom+9QM5xtH8XyYMvi3T4fa30Rf8A2aY1J/YPiNuH8bXgH/THSbZf1Kmuhb7y/Smxf6/8KAMD/hD9Ul4l8a+IJD6RxWij8vI/rTl8EyZJn8V+JmY/3b2NAT9FjFdHN96lj+6fpQBz0Xw/tJCRLrPiOfOTzrM6j6/KRSv8OdHPyvNrE/f95rd23/tQV0EX3R9auN/qRSYHJL8NPDO3EtjcSA9RLqV0wP1Blpx+GPg/gv4ftHOMDzCzD9Wroof9Y30qSP7xqQOaX4a+Eui+F9JI/wBq1Q/zzQ3w/wDCkTceF9FyOmLCLP8A6DXTL9/8Khm+8KBGNb+F/DynbH4f0mMjn5bCIf8AstXF0DSVHyaTYIf9m0jH9Ksy/eo7GqYyL+z7aP8A1drbp/uwKP6VKIVVcCOMfRAKb/FQvf6VIEZndcqu4YHY4pPtE+4Ykdf+BGkb7xpjf0oAma6nYZMz4/3jUf2yVuDM4/4EaYv+rP1qvL978aBFs3Uv8UrEf7xqOS5LHHmN+dVm+6Khk7VYy59ob+/wPeommaQff/Wq7fcNRwd/rQInYlOrZ9s1XkIGTu98Usn3m/3f8Krzd/8AcpDJPMEag5461VmmbJIOc0+T/Vr/ALtQt/D9KQFqOYxx5Jxxk1HJcKwwr8t6Uy6/493/AN2s61/1ifSmwNJJlZuDmkmYAZ6Cqtn9z8TU91/qx9akpkHnDJ7VG0hZhjpmmSfdH1qSKrJGyTbV2g8Z9aFk3DFV5Op+tPj+7+FADnk29DkU3aJPmB56c1F/CaWD7v40FCfMrHp1piyEMSxx2xSv978aqyf6w0mBNJcBdmDnNJJ1yTVVf+WdTTfdFSAeZhuuacW3LyeKr/xVK3+qqwHRSEDI4FO8wswwaih/1J+tEP3qQF+NyGHPWjzNrEEkfjTF6r9aSb79IBzSBeQcmnLIXbINVm+7Utv9w1Qx8khVtwPFKs+8Ahjn61HJ/qzUMFBRda629WP51C0hY5BJNQ3Hb60Q/eb6UARzSu0mecdKb0bg1I3Q1B60ATb/AC84YkYpskhOGUkfSo2/1ZoH+qFAFeSdmbaScVMtwSu0uQPrVeb71MP3RVMCz5rBuGYj604zuepP51Cn3ae33fxqSxk8zf3m/Oq0kj7DsODUlxVaT/VmgCVpmYgFj+dN+0AZyx68c0x+3+e1Upvun60AXPtYZiNx/OhJm3c9az0++v1q9/F/wGgBXlMslH2gxttyRxTF+9Uc3/HwfpQBP9o96KrUUAf/2Q==)

Карбенициллин и тикарциллин получают хлорированием моноэфира арилмалоновой кислоты тионилхлоридом с последующей реакцией с 6-аминопеницилановой кислотой. Можно ацилировать непосредственно по аминогруппе 6-аминопенициланской кислоты моноэфирами арилмалоновой кислоты в присутствии изобутилхлоркарбоната и триэтиламина, что является методом активного сложного эфира с некоторыми патентными исследованиями. Таким образом осуществляется чистое и экономичное производство.



В результате взаимодействия фенилуксусной кислоты с триоксидом серы получается 2-фенил-2-сульфоуксусная кислота. Эти соединения превращаются в галогенангидрид тионилхлорида. Затем получают сульбенициллин взаимодействием с 6-аминопенициланской кислотой.



Карфециллин представляет собой фениловый эфир карбенициллина. Как и при синтезе карбенициллина тикарциллина, фенилмалоновую кислоту получают реакцией монофенилового эфира с 6-аминопенициланской кислотой.

![Letter

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4Rw4RXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjE2OjQzAAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAM0MgAAkpIAAgAAAAM0MgAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NToxNwAyMDIzOjAyOjI2IDIzOjU1OjE3AAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAACosAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAMQEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8AuLZXrjP2oZ6ButSjTJd5Yz4ycnAx3z/LioNghsVxHMbt3CYwck5wAD/Kprm2tJpvOlmVSQo5I5wT/ifyoGQRW+lxYZZgdvTa+f7vp/urUktxYSXBMgzuCqG5w2ScD9KAI5LqwtZLjdbqDAcHABOMZ/p+lEmq20TNst1ZgWA24ycZJ/WgRJ9vunI8u2cbScjaSDgsP/ZQfxFXrOWWWPMybXyTjHQZ/wA/nQMn3Ck3e1IBQc9qXHHSgY35iMYpcNxQAbTnOacFPJJoAQIB1NOwo6mgBWC7faqN1epbuyeVu2R+Y3OOM4496ALOUZc4oyhOMUAK2F7daZuA7UAA2sOlMO09qBjDtPQdaYyD1oAjZeMA1EysOhoAW2spIJmYzEqQcKCQBmo/7JJQL9pk6KM8k8D6+vNMkVdHiClWkdgSzdPXrUq6ZEVbeCSzFuDgc9vp3+pNAWHLpduBkIQ4PB3H2/wFSjT7fag8lDsAAyOmP/10ATfZoixYxRlj1O0ZpwTHA6e1AD9opeBSAAATS/KOgpgH4Uo5pANBOelKQT3oGJI6wxF5GwOmcZqp/aFsX2Kzs5/hCHP60CLcRSaJZEbKsMginBVagY5iuMGsi/RTq9gSMgb+CM46UAafHpQ5TGcUAIXBwCM0ZXkYFADGljRCzEKvqapQ38c13LAwCFThcn73Xp+VAEszIgwGUOeEBPU4rJnmvY0RlDs/l5cMo4bjpj8aALsbLLu2k/I205odWHQ0DNHg9qX8KCQ/Cjn0pgU57mdDMsaAtGBtBUnfxk4/z2pgmvHlKEFY8HZIqfePbg9KALtsJWt4zKf3m0buMc1KB6mkAgaMnbvXd6ZpwC5pgL8oNU11CI3E0RVgI+px19aAK6315O0KxwCNy7CQOpIABHf6GrVpcXMkkomh2pndEcfw+h9/8aQFracZpdrelAFLPnahtZgBDnYpPVscn8AcfiatJbRpyqIv+6MUAUoZCLmRLRfNh6kZACtnn8+tTzSXEduz7Ap3AHadxC9zQBUP203eEeRoS6EFlAOOc9B9KnkjnaaLed8W1t4jyp3cbe/T736UASeTL0ecMmCNoTB/PNUEsbtfLDzF9pGWJ5K7SMH15NAFi0sWis4Ulup/MWNQ3zDrjntTbS2MsDu9zOWEsi/eHQOwHb0AoGNt4I/tMzT75djjyzJzgbR0HTrnnrViSK3ZWBhQhvvfL1oAzoYZFvJnVvOCYVFkPKAjPB/x/Ontex8ExttMhj3ZHUUAOgaK4gSaLgOA4HfBpxyMj8qBk9xePGTHDCZJAPwGaSOG78sSNNiY9UYZT6YHT8z+NMkILyWcNttS204JV1K9AeMkZGCO1RNdXRb5FCkS7DGVOQucZz7jn8aALVo7m1jafCyMMtkY5qYuoBJkUY680AOXG3dvBU8g5rPiT7feszKrW6DC7hkH3FAEt5p+IVa1RVdGBwq9at2rCe3WQqVJ4I9CODQA+VJAo8lEZs872Kj9Aah8m7OSPs0eevBf/CgBRBdEYa7UD/pnDj+ZNV7/AEl760aBtQuVDEfMNoIwe2AKQF2GJookjDOwRcbnbJP1NPKv2FAFK+sJJJY7mEEyIRkAgEj2z3H6gkVI/wBqkRkFq67gRnzFB/QmgB1rbR2Fqiuyg9WPYn29v6CluVhktZl85BuQ856ZHB/WgCW3RGiG0k44NSeUo5oAYxiXksv50uFP8IoAyp76aaRIbBEy4JEsnTAODgd6mtdNkt4QrX87kszthUAJJLH+EnqfWgZCunTJcM4lKxMXIXqUJPGMjGMdqkNnL/z9yH/eRf6AUARw28tvcMXYSrKc7lXG0gdx/Wla2tZG37ULbs5GM5oAjjso4T+63ABQoXPAAoZcHrTGTPcR2t5KZsgPt2/LnIxzVrz4fKEvmL5Z5DZ4oJK2lW7W9qVIOMjaWGCQFVc47dDV7bxQBWntGmnRw4wqMhVhkc45+vH61EmkhXjfzTvixtIXg4DDkd/vH9KBFqLT7dI1Uxhsd2qASrpwaB1JRRmEDHK/3eeOP5UAKt490piigljZjjcw4A7nI4/Wr0cSxxrGgwqjAFADyOKyP7RvFQlrNnIIA8sHDA55HXsOlAxsMmpO0ZmjcRkLvwMHofYd8VKqX8eXyxZd2Nx3Bh/CMDv6/jQBqrkqMjBxzTsUgFx3o49aYEFxbCZ4pA+14ySvGRyMdKqnTLSGz8vJCpGqhi393GD+lICxbzIYFYyhiep3A896o3lx9qvY7WLDRqcuex//AFAj8WX0NAFprS3aJlSJFYggHbnBqDTpnRTbXClZI/u57j6+3+FAFiO3t45N0aYbnHtk5OKk3jkUDGs4qNiD7UARSoHjZN2NwIyDzWTJpsoi2pKgbyvKDAEY9G+tACSWt4m7y5sMWYhs5LZbIyPYcUtvPcmbybiBlJVm39RnccDP0xTA3pIkkTa6hl9CKhhsoYW3BScdNxzt+lAi1ijvQAcU4UgHAUuKYChRRigBcUmKAEK0u2gAzTh9KQDGVyeDxSCJsdaAHCP3qK6tFuYfKLFeQQR6g5oAij0uBQxkHmMzl2Lep/8A1Comii02bf8AKlrKfm7CNvX6H+ePWgBi6xYmTbvUDP3jLHj/ANCz+lT2yeazXUgwZPuA9l7fn1oAs7UH1ppRaBjdq0wome1ADGReKiZBjHpQBE0fvURQjvTA1u1FIQUncUAFOHWgCUUUAKOtHegAooAKO9ABS0ALQOn40AJ3pD1oAO9Mm/1bfSgBkP8ASnUAKaQ/dNAyPtTH7UARN3qNqAGmmnpQB//ZAP/hMehodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0b3JUb29sPldpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQ8L3htcDpDcmVhdG9yVG9vbD48eG1wOkNyZWF0ZURhdGU+MjAyMy0wMi0yNlQyMzo1NToxNy40MjQ8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAMCAgMCAgMDAwMEAwMEBQgFBQQEBQoHBwYIDAoMDAsKCwsNDhIQDQ4RDgsLEBYQERMUFRUVDA8XGBYUGBIUFRT/2wBDAQMEBAUEBQkFBQkUDQsNFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBT/wAARCABrAjUDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwB/hnxzrWtXfhs3dtZLZ63FdhFhZjJG0W/BLHAwcDoAao2vjbV7XwbpWp21rHbQyy3j3smnW3meVskKiTyjzs/vP1Br0DT/AAJotgNOSCGf/iW+YLZWuH/d787+h75OatWvgjQILe2hTTY/JhDhFEjkfMcsMk5IJ5K9DXKemcXceIJ7y+8SQNcQz2X/AAjEd5GyxAbmZTnLdcYwwFVtN1O6sW8MaeNUktrGTwg8kkaMqgSLHHtbcR7nj2r05fDumLcSzSaZZvLLCIJGkhUlowMBDx93/Z6VPDpllDtEdjaoVUopEKjap6qOOB7UwPHfBGpXX2rwzNda3eTJq3h6aW/WafconUqEIAHytyffim+H7U68vgcanJf3cR0m7S9+eb7/AMvlGTA68nHfivXr7XtP0vULDTbiaO2ub/dHbxhMb9ql8DH0rTWR0yAzfnigaOT+FX2tPh3oovIpo7uGBo5En3B1Ks20HPP3cDn0qrrOh3V58S7TUIrFmtV0m4tJNQVFAjmZgYz6kjB57V1a6qRqE1u8UiRxQiZ7phmLliNuc9e1WGuUhbLMsZALDc4zt6E/T3oKR5RoPw91lfDclje6DbQ6naafNYRX8l2JHn3KVzGDwgJwx3fhWjp/w/1mKazeQ2USR+GjoJb7QWUTMAd+Av3RtIrvG8QaXDbzzG+tkhtRunfzVxHzgBvxrNPjrQ4YL66OsWXk2IUXTCYMsO8gLuwM4O76cGkQzI8P/Dy802/8IXEl7bFNC0yTTpFjR2Mu5FAYHtyo69K6vxFoll4o0G/0m/3C1vomgYqwBGQMFW6ZBHesvWPiBo2hrqYurllfSo45bo+S7GON/uscL+o9DWR488ZGHwvrzaVLNb3kGjnUIrpY/kjUgsmc92xSGjQtfA/k2oim17VdQnRkZLp3QOqKeECquwhv4ifvDGc1NB8PNBtY9NC2chmsJ5LqCVZjGxlk5kZiMA5PVenYDFYmrfE6LwtZ6a17Z3F0Ft7Np7iQhBvmKLlc/wCsOSSwXG1SKk+O0v2P4dXsjSyQPHdWhDpIysB56Kc468HGKYzY03wD4b0i6u7m10e1hkuS3m7SSvzHJ2Luwuc84rUg8PaXa2ltZpp1rHaW2PJt2iVkix02Z+7+FcdJ8QL2/wDCq67ZSabHaXt0kVozSFnMbOBllHO7sIxzWRb/ABC1W48GT300wsru31S40xYLe1zPdyKxWKJI2PyO3Oc/dC09SLnrP7pJmlARJW4MiqN5x6nqaPOKkFpGAHAZmxjPr7GvEvF3ibWdJ0FbKfxNG2vRaZc3c4tPLhCSrjyxuIxgEhQn3nOe1VdW1ibxNcag0msXbxN4QhvVht7lo0F4MkY2AEtwOPegZ7jcTNbWs8iozNGjSbF6kjPQnjOcdfWsvwn4stvFHhzSNUA+wnUrbzooJ3XeAMtjjhuBzjiuC8Oz3d14v0S+2Xtw0vhACcmOV1NyTGRxjh8bvfiq3hDwxf2lr8KZZNBuVbR7SdL1pLfYYi8TAKd+MjJPekNHqGj+J9K128ktbDULe7ljG+VbeQOQM7c9OCCPrWwOcE9evHrXnHw40PUvBXgG1s00aGPUo7pzMheNSYXnLElhuzhGyF6givSG+8fm3AHrzz780DG7cLtHC+nalyNu08j0pjXAyQKYsx3McZAoAlLdaN6+vNV1fOXz17VG27L8noKV7AXCwbvSlRtAAqoGIxxU6k8UXGhxUKOvJpPLpdvenqp20FETMq9eKSOZfWiaIyYwOKjW1O4dqAFlY+ZlT8velW4AXoTzin/Z+1L9n+Xp3oAiF38+AKdK5PQnNKLMBiT61KsK0AVFkZc+uam8792TjJqUxL0wPypdg/uikwIbWRnySKW5yq8AkmrSRLx/DTXZd+zAJFIChFFJtGcgE1Z8lio+vFWHxwMU/wAxWwM0AVlhZTyKd5OameTApv2pQooAWO32rnrUdxBvxxVqGTevFRXEnl8dTQBWWzReTmla3RfmJwDxzgZ+lJ5jMynPBOK860q+k8ZePPGVpqss0djodxDZWdpBPJCp3RiR5mKEFic4GelNAeh/ZI9pPI5705rcMuMZFcF8N9evV1jxjol5NLe2+i6mkNpPcMTI0TRq+xiSc7SduepxzXcRzgk85oYCx26LIRjFSm3TA4qD7Vt6Lk0j6gy9vm6baQEy2qc8H86JLcblA4xzTbe4MrFCMHrU7phSwPOKAI38tuGxUaxxAnaF/Kqc05kVcDB3YOKkWTbuwOnNAE4AB2jaPbFDQq33vm+tVBOJSXC4xTRdv1xxQBa+zBj93AqOS3QHipoZBImcdRUU7GPGBQNETW691/WoGs495OMcdaf55LdKa9xw2Rimihn2NF6HNQyW43HnvUv2gFchaZG3mEntmmBAbVtp5qtJCV4rTfaF54quxRufSgClHCVPNR3G4HjpV9trcjioXjB70mBnyM6rwMVAbh1UgjJ960mjHrVeS3DMT7YpgUjcDjIOaKJrcqQBzRQBy8niE+FfGHjuaJTcmS9sLCCPczxiWRGIOM8LkjI+ld94R1DW9QjvI9bsY7CeOULEwfd5qEZDkfw4xjaetVrr4eaLqQ1tr6Ga7/tiSOa5V5MFXT7jRleUYDjI54rU0XRbTw/ZvBYRyYd97zTStJI7Yx8zt83AJAyeKZgjzj/hOvElp4e1XXZ7mxFta6u+lLarHgo3m7EkZy2MDJJ4wcDNWLzxFrWnxmxvNet55bq/WK2azMRuDGULMrPjy1bClgw4A3Z5Arvbbw7pFtp11p6WEL2d47S3FvIWkWV2OWYhs8k8nFLD4b0e1sUsYdGsUsY381YWt1Kq+MbgCOuOM9aBnh954y1zVtE8DX9qY9V1y2n1JjGjKrMsayKCRkDO0598V0PibWhcaHol3oOrzajB9klne0u53t57vgAkOOA6nOI69Zh0+zhZGjsbWNkbepSBQVY9SOODU0bLG21VjRQdwCqAM+v1oCx51Z6TH4k8ZeJNOuvt0OnXehWcSea7j7PK3DdDwy8E471kWXhvxH4i+G2pzhBF4gt7f+ybRom2mZIZAJWDHp5m0qO9epa5YweINNksLwyNbOwLGOZo27cAjscDNS2enRafClrbxCG3hUJEi9FUdP8A9dMTR5Z4s8EXviKHX7/TdG/s63vNFSwjsWhSNppxIGDbScYVeNxGan1r4c6rrH/CTxQ2sNhb6loUFhbM0iL+9QklCFzjrjOK9TmVm3A5J6Gls1IkOV6jk+tAuU4CPTrrQ9c1/XvFAsoNM1KxtdNktbV3mI27lKt8vOd59qTw78OZn+F93oc13NFdatbtC1xeIXkit2O2JOOcqgzz3Y+teiyQ/vFZeMelKse7dnkMcn6+tA0rHnur/COPW7i4afW5oxcQ2cTRx2i/I8BBUqztlVYAEqMc11viLw3a+MNKXT7yS4e18xJm8plR3ZCGU5PHUA8cZrV+y7s5PHXFOEB5zyCcnPekM5OP4Y+HpI54BbXLxXF4L/yFuHRVnByHjCEBD3+XFS2/w/8ADNqYgmiW2UmacMxYkSNnLctkE5PvzXVrDuzk5ydx+vrR5fzHnFAGIND0y2MPl6ZZL5G8R/6OpCByC2OOM4GfXHNaFugjIaNUjwAvyIBgDt9KsGBckg5zUscYx0oAi3PMDuYlc5IzwaNpbJzkdDU20DjHFOVQo6UgIfIV1JxmpYQ23BFSIRuGDihpArEe9AEDW+58g4oWEhWBqYErzxTl9+aAK6WpUADkVKLcYOetSmZI+MdaQyDBoAj8laTb82BUnmAqMelM3HdkDJxQA7bt60uaiZ2JGaljBfjpQNC9MUzdukx0+tSSKFjPXNVPm5J5+tBRbDL60jSCoIgW68VIU4oExkkr+YAOmKdHIC20/nSiEEZzTo7cFgfSkxEm0YNVmZizbe1XSp2uMDONwxjp3JNc/deLvD2mhmudc0+AHk+Zdxg/zpBc0vObaDzSK26fcWwcelctcfF3wPA6xnxJZyNz8sD+aT7fLn+VT6L8SPDuvatb6daXrfa7hT5KS28sSuAo+67qASckjB7UDTudNteQkjPSmoG8zqcY54q7Gu3Ofxp/AXONooGUHztzk9eOKY0LOvAwc1dadPlGKm2g0AMtozHGAeuKjuYTI3A6VY4UctUTXAUdM8+tAFKaF1TPvwK8P+I13d2fjTxVfWVzJpt5bW+jRG4tyE85Zrkxv5gPysVUYB6gd694klWQ9gK8Q+LRWHXvGbIfmOl6NID34vXFNCZ6tovhuy8OwG20+38iIStK7M/mPJIfvO7Hq3qavLaDpuwPap5Zh9pI+v4U1pOgB4pAmKlp83B7U06cuCxPzHv3qSKbZndzTmuRQO5Ut4TBOcnPvV1fmXGOKqXFwN6be/WmrdMi8EmgAk0+MsRuIG4txTharzycmo4blpJiCOKmkl8sjmgBgs0VCFJHrio2s1247e1TLORnmoTfANtAIagCWOMIgAGMCo5Yw3fmk+1ouQSc1leJtUvrLw/qcuj263erxW7PbW8uAHkAyF/Ecj64oAueVtmIBBpklr5jH5688+H3jSTxJqrxRa218kEG28s761S3vLebKjLoADt5bopHHU9a9LWTKg42+1NAUXtXUABuKrzTx6NZ3N5dyrBaQq0sk0mPLVVGef8APJrQeZWzziuW+JnheXxv8P8AXNCtZVjvbyDbBvYBSwYNgkfwnHfvTAgbx5p1xZ2ciQ30Ud6QLSS5s5EE2RkFTjBB96r2vjjQrzSzqEOq2wsDIYRcTSiOPeDgjLHt0+tWdN8aWeoW9lb3lndx6h5sLSaddWrq8MinBL5ULtTn5gSD1rxWb7XcfAfXxDfWstlDeXLrayQsz4W9O3Db+pXBHynimB7tDcC5jEkbMY2G5WBHI7Hjj8qRpJDwrY5xyKpXniM6frel2RtvNg1FxHFdJKpPmbWbmLAOMIRngZYcVs7Y2HAIHoalDRTMzL97k0x7hRzg1cktVZTzVOa2IhIHJzTKIJLhHbO7bRUTWzHHHIGKKAO58n93jt6Uz7PnvUpYN0NKjc+tBiNW3+UjOBR9nVVGO1StIo4xnimBqADZ69aRoF696fu96SST5eBzQAiwgYxzT9tRiQrGDnBpVkLNk9KYDnYRryKEYFcgU2b9+Dt4xXJ69rV3N400bwpYzfYnurOTUbm8ADMsMbbSsYPG5jxk8DGaAOvDL3pysp6YOP7przbxdNqnh7W9C0211q6mtfEN/HYrcTKkklqFR5JdpRdu512hc8ZGetLrM914V+JHh2z0iS7ubLVILsXVndXDzqGjTdHIGPK88HHUkUwPRJLhIWKuwRQNzMSBhfXr60sd9FcNKsUkUjwnDqjZ2Njdgj6GvLfhvY2Hjj4bxa1r8C3upakkxupZnw1sTIy+VH/zz2AA49a2Ph3p0cPijx2bYgwx3tuiOoA3j7JHzx69fxpMDv1kAz396azfNj1pyQHbnvTWiO8UgDdj+H9Kcsh9KkWMd6DGu7jj60ARbj6UbizY3Y46Yq0sK9zR5KqxNAFM7t3HpSqh25JJP0qcja1WFYMoGe1AFB42ZRirECnywDzxU52qMdTQu1eppgV5F+YUMny5HNZXjXxZZeC9Cm1a8LbFkWKKNMF5pWOERc8ZJ9e1M8JeII9c0x7kX1heSrKUkWxkLRROODHuO7cR3ztB64FAXNiNMgZGKdtCck4Fec/Fj4kXfgm6017Hy2s7CSK71csu5hau/lhQP73LP9EpfjNqk1toWgXGn3t5Gs2t2VsWsJWUyQysNw+UgtkcCkFz0ZVVuQc81IFU4CkEknuOMe4/ka818PS614J0nxVqmqG7ksmuvN0nTr+VpriNCuFRiSW+eThVJyB1rI+GOsaj4V8Yap4a1n7YRqw/tmwlv0Klp/lFzGOfu7zlR2BNJgexD7pzzx3FV8hunbtR5r4Kc4HHPWltozhiBnmhDBFGacxC9Oaa0ZU+hNNCuHOBmmIduxzSq+3mmSI7ADHJFQaldQaLps+oX832axtY2nuJz/DGoJYgdyAOnc/WgDmviFq1xqBtPCOmzGDUNYVjc3C9bKyUjzZcjozcKvuxPaodZ+HdqsMEXhq00PQBACJJJtHjuZWAUYww2jP1Jpvw80m9uhe+JNVhePVta2y+UxybW1XmCEehCncR3Z/UV2SW7Z6Zx0x0pMDjE8F6+qoH8b3cChc7NP0m3t14P947sVqeKvCp8X+HIdNkv5UvbVlmstUkILwXCr8svAHXndjAIbHSumW0ZsFvTipYrQLIgAOeMhRyeTj9KEBzHgfxdL4g0dxqEAstZsZTa6jY5wYplHIHqpHzBu+cV0P2gyLj73qR0rz74gSReHdb0bxhoudQmvbmPSLzT7QqzaiuWMZQZI8yMg9SPlVumBWrH4p8Q+XmD4f6yCf+fu5tYh+stMZ1O3aVPWrckywwtLJIIo1GWdiAF+ua5jTdQ8W319bibwnbafaeYolmm1dHZUJ5O1FIz/wKsL4gXSXXxU8D6PqBU+HprW8u3hm/1M9yuxYo37NgEuFPBoC51V74i0mOEXT6naxwY3F2mVcL6/M3r61RvPF2jWZskn1S1ie8IFvE0qh5c/3Bn5s9RjtXJfHvw7oVv8N/GVzBZWtrqjaRyIIUXciyrtkYAY3hvlDDtVfxnJqFp4y+Fcuo3OniAas4QWaOpT/RXBbc2RtztA7596TC56esfykngdMCuL8ZaL4cN5I+rRXU97rEEVlHbWhZpJ0gkMo2IoJyGblu2MVrap4X1PUNTeZPFuo6bA+CllbW0DKpCgEZdCxBIPfisDXmfw38ZLTxTqEcp8Pz6I2lx3iRmRbSfzjI6Pt+6HTGGA7YNCEdJouvQ6tfXdsIriK8tFWS4iu4JIHUPuwcOq5Hy8bc1sXEZjx2Oe4xWXNa6Z8QRvhudRhtIHAW90+5e2WdiCcAqQWUZPXgZOKzZvhN4dLIzPrUqjkebrd2Qfr8/NDAZ4z8eWXgEadcavb3EenXlyLb7dGoaONyN2G+YMOFPIBq7d65c/29YaVa2QumvbaW4WcSqibUKgnJ93T8zUXibR0b/hGrKLTJ76xt7v8Afx7TMiwfZpIyJGckkHenJ96wvC3w/wBR8F+PrYQTfbfCcNjcLZxyHM1mXkhbyCTjcp2HYSTgYFCArQfEaa6+HuqeL00t4rbTmn32j3SF2ELMshyBgDKnGSDiptL+MnhK50y3ludf0+CaRFkKedkrkZ2nHpXM2Pw1vJPhZ4r0+50K/h16+mv2t45LkKG8+RzCxUS7Bjdzx3r1zwnvt/DWlxXVsLK4jtYoXhk2sdyoAcFeCMjrQxo5SL4t+C42yfEtkT/sv/8AWqK5+Mngua5WKLxJZ+YoyU3MW/3sbfu9s+or0lrlkfAfHFcPDM4+OUrAnL+G1IbP926YfzOaRRlx/FvwhuIHiG0Y55+//wDE0knxY8HsxX/hI7FXA3YZyDjv+FenebJHHjcQPTNYutN51lewsqsHt5B07FSP5imgODj8W6v4248H2Eb2DnH9v6kGS2Yf9MlHzSn0wAPc1pweBb+HQ9UsZtfur2+1BT/pcu2PyWOP9Ui4CgHB6/ietWPhNdCb4YeES0n/ADCrdRz6Io/lXV+Yuw7SMZ5weP8APA/KhgedXXwwn1bXU1fVtSEtzDZyWiS6bC1tM6vtJZny2GXb8oHHzHHWntJ4m8Db1v1k8U6Ko4vrWIi7tx6ywj/WD1ZM/wC4K7yafDAhckHI57+tUpLjZIgHynoMdvahAcNq3xHsmtbFNAMeu6xqGTY2Ns+d3HMsn9yJMDcT345NXvB/hSfw7a3Et7eyalq12wkvrpnZY2k6qkaE/LGo4B6njNc4fAljqXxi8UXtncXGiakthZyx3mmMoJZhKH8yPBWUFlBIYA8Dniuns7nxPpd5Ha6jZW+s2TuEj1bTf3ezj/lrCxO0n1QsPYUwNu8Q+WckkNwc9wccH8h+VUbmzhvopI7mGK4jkHzJMgcN9QetVbjxhBNrl1otjp95qtzZIjXUlv5YSFnHyqS7IGOOSq5PPSqth8QNIv8AUrHTlivI7y78zyYprSRSREzLJuGOCpHP1FJgV9W8Lpql1p7SSqLKylW4S1S2XKupz8r4yA3cDritfzZYkydrf7v9KbpOvaXr1zcwWF3HcS2b+TcoFZWhkxnBB6HAH5mr0toqqcflQhoqrcHGSOpp4xJk5x7U17dhGSKit2YZXGD70yhztGGPNFVLhW8w8UUAdrFb/L0qTydvelWZY0G7nPvjFc5r3j+y0e4S0t421TVHTdHp9mBJI59W7IvfLEe2aDE6JgiAljtCjJYjj86ZGgkVWUh426OrAj9K8utbq58beIkstWM2oWysPO0nRXItbfj/AJeboj5m/wBhR+B610sngG78PytceEdV/s4df7MvAZrN/ZTnfH+BwKAOvEXTJ4PORTvLC9Oa4uP4lrpckdn4p06Tw9ctlY7nd5tnM2cfLKBgewbn1rbbxjo1m3+kapaxnJ+/cRgY/EgUwNgRhzyOB7UpVOgFYH/CfaHJp+oXdtqNvdw2MDTz/Z5kcooBJ78nAPfisex1DxJ4i8N2ut2Eun2TXyCe30+eFnPlMQVZpA4wxUg4AIpgdztVVAAHvXN6p4btPE+sx36SXmk6ppO6GLUIoFbzInXLJh/ldc9u1cUfH9/a6N8QftWqN9r0m7uLey8qy3bBHGHywVWzknGSQPYV33g+e7uvCuizXlw1zdTWUNw7SgZLPGpYALjjJoANR8FafrFg0Gqy3GpSmRJvtTSFHidc7WjwuExk+5zzVzS/DtppV8dQD3F3qGww/bLl8yhCQSiY+RBlRkAAnArQXOec5Hr1prAkkAe1AGTH4I0CG6kul0qCNpXMkg3usLuTkt5X3CST1xWjDptlYz3U9vbQQTXUnmXEqqA0rAYDMR1OABz2FS+WWYMNwOMHBprQtu6UmBbSQbfl5qKWQKwz1pYYWXJxUF/PBYwzXl1IsVtbxGSV36IgyWP16YpCZjeIvGtn4dms7eWO4uby5LeXbWkDTyuB3CqOAMAHPrWefH15cqfsng/xBPuHytLarbr9cySD9a5fw7eaprPjKx1GKNItY1lRMRMjN/Z+kqw2AjpvmJBA9Tg8KK9citWbOcjvQCOKXxH4waMeV4NZMDI+16pAhP8A3zuq/wCD/GX/AAllncCe1+x6nZyvb3tgJMmJweMNgZVhyrYrobzRzqVnc2xlltvOiaDz4T+8i3DHmKeoIyCMdMV41Z6tfeGtSfXNUTGs6H5el+KIVXH2yyOBDeqB125DZHQbh2FMZ7DuZ5F+bPXpwDT037eeOas2qxXFvDPERNHIoeKVTndkZzU/2dTgHNAFQ5Y8DtUQ3F8Hd0rT8gDoP0rnfEHi2DQtRNj/AGXrGoTqiyN/Z2nTTqqkZHzKhXPsTxQhMzPHXhOfxVY6f9nlWK40+/g1GFZc+XK0ZPyMQG7Fj064rN0/4UaZfajqt5rdjDeXWpXhunhjmkWKJvLSNUG1l3EhN2SB1PrWsPGOsXeRZ+BvEEnP3rpYbZf/AB9xUf8Aa3ja4b/R/B1rapjaTqGrxKP/ABxX/TNDBETeAI75dZOqNaalcapKzNJNaKrxQlNgRSzMcAc4psPwh0//AIRfR9CvNS1G+tNJmjuICZFR90fMeW25AXtirAj+Id1Mc/8ACN6cD3a4nuv/AEFVp0fhvxvdBhceMdNgXOT9h0ZnK+wLyYH4ikM29T8O2WrR28V6rzJBKs8f7xoh5i/db5cAkdhjA7Ut94Y0vUr63vLywgm1C3z5E0yZkiz97ZnpnHasVfh3qdxxd+O9cdSM4tYLa2z/AOOsT+FJ/wAKn0yT/j71fxJqOOD9o1aVF/ERlKAMrWfjZ4O8M+N5/CWs3z6TqCxRSpLdqI4ZFcAjD9AeP4sdeM139vPC1ussEiSxspdZI2yrDpxXhuvfsp6L4m+Ij6xqUzJ4eht444NNjuJXmnYK24ySyliq5PRMk98V7LYaXZ6TpkFjp9rHY2Nugiit4lwsagYC0AaPlK3fOOme9LmNMAjDVDbk8Ent1p7kb8nmgB7bBg9D71ieN/DKeNPCepaM1yLV7pF8m5IyscysHQsO6hlTI7g1oSSGSQhgSAMjFTRwvJbhsYOAaAPK7f4m6rZyWOs6ggt7SzmOl+IdPZMPYXBf93cKw5KZKknsrZFeowTB4Y5eNjDIKkH+VeefEfQ20C5fxhDaG7shamz8Q2SruF3ZHjzMd3iGfcruHYVs+FbnSfB3hSxs5fENreW9spMFxLMgJgJ3RIctk4QqNx54oJW52EMvyHJ79a5T4jeIrrT9Mg03SOdd1iQ2lnjnyhg+bO3oETLZ7kAU25+KXhK1YrN4k0oMP+edyrD/ANCrlNe13SfHepxWvhS5kvvEd/ENObUYVkMWn2RffPKCflViqheOpwaCib4Y+H7bU7yLUbT/AJF/QI5NO0LzOTPMCRcXbA8ZZiUB/wB4969ShYurlASR2NR6LoNtoOiWel2MIgs7KFYIIwQdqqMDnv8AXvzV2GArHjGM9qTAofaGUuXTaw4BzmsLxfY2mraPfG9sYNRW3he7jiuEJCuiEgqw5U/KeRXTSWCbsknNVNW0l7rS9QiTLSSWkqLH3fKPgD86EByHhGw0nWvBulT/ANi2UdvqlrBe3FpIvnAs0YYZLglgM4Gea6S30XThJa50+zP2dNkJ+zp+6X0Xj5R7Cqvw50WbT/h74Zs7uJobm30u2ilikHzI6xqCD7ggiupayUHjihgZM53SA4BPr60kUkkMhZGdW6ZUkVqm1Tj5P0pRaopBwB+FIDLkVmwx3E4xz6elR/O2RtbrWy0I7CmPGF5AGaAMuOJn3DkdjxTTalGwFPr+daayFe3SlMysc4GfpQBk/Z2X5dny4pFR9pAFbH3lqnqN5BpVpPPcB1hhiMzmJDI20dSFAySegUfWjcCokbqANvbArkHJt/jjZDoz+GpTtJHBW6U4PsQa5PxB8ZNa1y8bS/Dmny2N02Bs8j7VqDA9xAuEgH+1M4x2XtVjwr8C9Uu9aOv+INV1PTr8wNAsdlqjteMrMrHzpiNm3g/JGmB0yadrDR67Ip8skKW981yHinxTYeFXt5NWaS1tbtxbLcNExhEjk7VdwpEeRnG48k9qd/wqm0DHHibxW4PO46x19/uVV+Imk6XF4X0LSdRaa/sW1K2idb3E7SxgOrs5x1G7OcdRmmURaX/Z/hUaP4Zto7qOLyDFaIY2fKIPmy6gqCoHUnrityOEhDuVhz2rhND8P674V+IGg6RcF9R8OQQXjadqT5eSNGjXbBKT1ZCvyk/eUDNdFceAbqa7maHxl4jtVZiwi3QOqc9BuiJ49yaANxsqBz+lU5Ms2cE4bOayv+EB1kSfJ4/1lcDjzbO0kH5eUv8AOj/hC/E0eSnjkyMRx9o0WIj/AMdcUAZVnuf4vayuPkk0OzkyevyzTD+tdnCpkIboB04rgrjRtf8AA/iA+KNXvbfxDp72Y0+8ms7NrZ7OMSF0mKB33qCXD4wQNpr0WxuIbuzSe3kE0MqhkZGVldSMghl46elAHmlhY3vgDxt4numtLvUdK164jvEuLOFpjHIIwjRSKgLL0yrelY3ia4udQ+IHg25gF1o7mHUg8xtQD84jK7gylRv29DtPrzXsUlt829Wy3dh3qJod3O5gO4DcGgDyXwHfz2uufENILmDUbwavHIJJSI0YfZoR823IABDg8dRXZ+FfEn/CSeHbTUjCkfnBiEjfenysRkPgEj6gVtajo630JRZHtJ+Cs0IUOmOhyeo9qoaT4bh0HT/It3aUNNJPIzKF3u7FnOBwAWJOBxQNImM25R/SoJWAxip2t2jHTJqGSNt3TtQURt8/JFFI27iigB3xUuLzSvBF9cWcpguC0MKyL99Q8iocfUN160+4+FthDmwt5Liw05QftVtbSbJr5s8NNP8AfI9s81L8YGA8IwIODJqllGB9Z0NdxN8tw/b5ycfjTMGY+j6Xb6Pax21lbx2VpH9yGBdiL9BVqW2fcGB6cVdIDcACgqMc0CPOfiB4g+yy6hoUtvHLa3GhXV80j/MAyfIF2/UirngHwToNn4P8PuNC00TNp9uzytZRFmYxrk525Jz3rD+KVtNHrmtXyxN9nh8I3ifaGHyB2dSFz64Feh+G4Bb+G9HjIB2WFuv5RrQNEd34d064067sZLOOKyu4XgnFtGIy8bKQwwB1wfx5rnPD/gvXdB0mx0d9atZtNs4vJgnS3b7QIhwBy2CeAN3pXdZ3MD3BBz7joaRY8HPYHNAM4a3+HTW+h+J9LbVi8GvXE9w+21CtD5qgOB85DcdOOtdDpOj/ANh6bZ2Kz+ZaWcCwh5AFchFABbsAAOfU1ryZYrgcDp7VzvxD0W/174f+IdM0p/K1K6spIbZs4y/BwvvgEfU0CK6+PNGWCK4j+1SWTSiFbqO0lMLMWC8PjGMnr0pL34gWVvZ39/a2F5qmm2DsLi8s0VkQpgyBeQZNoBztVscg4qHwv4htNR8PaZpFtYXUFwtrHavp80DKbfCBCGO3aoUqDnuRkVh+D9P1vwr8Mj4RfRbqfWII7myjmEf+jXBdn2zM5IAX5gSD82QRimB1N941tftmk2OjpHq9/q9q13ZxRTBYzAAD5zuekfOMgE56Uml+NoJdW1nSdWgTS9T0qKO5nVrhWiaGTlJVc7Rjggiub0X4X3/gHWPDGoaWG1aGy0IaHeQblikYB96yR7yoPz5znoK6Tw/4VZvFmseJNUhjW41G1hsIbI4kEdujFsv1UlnckjkYAoAST4seDLf5H8SWMh7eTIJM/wDfBNc5eeJNN+LHiO18NabcedpMMY1DVWZWjEyBwqQLnG4Mwyx9BjvXqdvbRQqFjt4ofaOJR/KuU+Ieh3si2fiTR18zXdDYyx2+MfbbYn99bk+4BI9CAaADwP4YuNHt7281J0k1nVJjPdtH9yIZKxQr/squPxYnvXVbiuBtx7VR0LWrbxDo1rqdhIJrO6j8yN8YI6ZUjsR3HqK0/LHA6+hyBigBq5DD1FYOu6FpC6l/wkeofuDZWM9vcuADHLbMMssgPDbeWGf71dD8oZhuVioztDAn9K4fxYq+OvE1p4UjOdKs9t9rTp904JMNtn/ppyT6BfegB/wf0+50/wAC2ZnDx2kk0txp8EjEyW9kzEwqxPJO3t2G0V2rZ6HrilYEtz1z2/L+g/KkwWJ70mNCjoKXcegOPpTlU9MUuBkcUhkW386eynbXLw/ETS28fS+EbpZ7DVxCLiD7QFWK5QkgGNgxy3B+UgHjOKmsfGsE1tqVxqKR6TBZ3smnhppw3mupP3eBgk+uTgEUAbsgOetG3djPOOma4XVfiQkfjDwrY2d5pr6JrVvc3I1KRy2BCFbC4YKd2cd+awLr4v3WjWvxI1O5mtNSsfDssFtZw2qBfNaZEKFpA5HDPtOBnjNAHrftQy4xgY/KuRk0jWrSxt72fxBcTahblbu7t0jjW3mVRvkijGzcO4HOTxXLeHhdeMPg43jC91W+h1u90+bVYpLe6eKKz2hysYjBCFQFQHeCTz60AereWWJGMBhgj1+tH2QFmU9DXF+HPiLcN4R8Gajq+mXQuNahtBNNbonlxSyqAMqzA4Jy2ADgGvQNp7rgj160AVls1AA4AHFO+yoy4wD26VPtpVXb2oArJaBWHyg/hUoh2sfSp9vejbu4oAh8lGySoIYYPvxj+Vc9a/DTwlZyb4fC+jRuDnK2ERwf++a6Xy8NzyKkk+6OKAM+10mwsf8Aj1sbS2I/5426R/yFXTudcEkgds0bcgelLtx04oAiYiKNndtqqGYuf4QFyxNcFb/ETUtV8LzeKNI0NL3Q4kaeNZrox3N1Cmd0kahSoU7SRuPzCu7vLZL61u7aWRo454HikdD8yKV2MQfXByPpXmvhfw34q8IfDmHwdHpcNzdWVq+n22qLcxC1aHDKszLkSBgrY2BcE96ANv8A4WJBeaTpGpaPo2reIbPVLYXME1hAHCqTwGyyhT6jJ5qDxh4+udI0Xw/HbWL2WteIL2OwtLW/UEWzsGZ3kCMQdkalgN3VgKlsfg7oNn4V0DQZZr+e20a0W1je2vZrbzQANzOsbD5twJGemal8WfDG113R9FtNOum0zUNCuVu9KujunMUqgjDhjudHUkHJ9KAL1npev22sWUsusQ6hp7CT7VA1qsLA7RtKEZ43Z7mujOCw7/WuY8Kz6hrccF/c6rYXNkjOiR6XHIqSsjMj7i542sG/EV034g/TpSYD930qC4nitYpZ55I4IIlLvNKwVVAGSxJ4AA6571OqhRnOTXmfxQ1eHW9Sj8KyXCW+kRQf2r4huQeIrNOUhPvKU5H9xGPVqEBfn+NfgaEkf8JRp0mOP3U3mD8MCo2+NPg2RQYdXM5Iz+4s55P5LXR+CdUbWvDenai2mtoZuoxLHaFQGjiLfuyfQlNpx2zW19okzw7K3fmmBw2j/FDw7rGr2+nRXU8V1dZ+zrdWksAmx1VC6gbu/JrqfJLHcK4j4tM+pXWmaJqB+yWepj/iW60jFpbTVEJaLcOgUxj5f72GB7Vt/D3xVc+KtHmTUrb7JrunzGz1O1B/1c3qvqrjlW7ZpMaN9Fb72PlAyfwPp+A/OvHvhXosPxC8Err3iFZZ9avrm6aWZpZFksikjqqRlT8mxQOmPevbI+GB3/MOfSuZu/h7oc11eypBcWkd8/m3dvZ3EkMNw/dmRSOT3KYz3zQh2OK/Z33yfCvS5mtoLW4mM4eSJArXBWZ1ErkAbi4AOe+a9NhUqvGRzS2tnFY2cNrBFHBawoI44YlwiKOigdgKkbaqjtTCwjLjpTPmwVUkDoRmpAwZetJjZ05zSYyJt3IJPzdeev8AnJqtJEv0qxJJtzmomI25JHWkBWkULjFRtgnGBU1yQenH0qAL+dACvhSCOuOfpjFYFvZ6N4H0W9niddK0uKR7p/NlPkwk9din7o6YVcAZ4rcZm7j8a474reGLnxh4B1vR7Eqt3cRK0QkOEkdHD+WfZgmMdDnmmgJbXx9p9wtk0lpqWn29+yraTXdo6JKWG5MNnuM9fapI/HWgXV0YYtRikAlaASbSsUkq9YxIflz24PUYxWPH4mtfEWmjT4re6ttUmUwraXFq6y2s+3G9sqFwhy24Eg8YrjNNv7LTfgHc+G9Rb7NqOn6RLZSacxxOLkBtrIowWy4VlZcgk5pgewXV1DYLmeeK3TON0x2BjnOCOueaFwyghmkC9GyCD9Md68m8M6fqE3xA0OLxTEl1KvheD7JDdKroLrftuAFxjzDgZzzgkUySS80+5+JenaZeT2Fno8EV9YS25z9kle3d2jUHjYGVSVPADYApgerSLVNuGIPJzXCab431TUIdK068kGmeIIb6Ox1K2WPcHR45HSaPP8L+XweoJYdhXV6d4m0nXNQuLWyvI57qBmV4lBB+VgrEZ6hTgZ96Y0WX+9RT5I+ep/HrRQUaXxC8N3viPw7DHpywyXtte298kU0nliXy5FOwE9yBXKal8QtXutcjS32aPqixkSeHtaXyhcHP3orgfKT6eterqpUHBwe9UNY0XT/EVi9lqtlb6hbHpDcKHCnsynGVP05pGJzvh3x7BrGoHTLq1uNH1rbvNjdpt8xf7yP0Ye461tavrtlodmbzULqG1tV+9JMwHJ6KPc/iT6CuX/4QnWPDskS+F9cVrYEhdN1rfOsYPVopB8/H90/nWvoXgS00/UV1PUrh/EGuAYS9u1ASH1EEQyIvr971JNMDGvrfXPiTYzWHkyeHvDV0jRzXF0n+lXERxxFEfuBjk7mycdFrvI4kgjjijTbFGgjRc5wAMDk9anVSBnOecj/P4/rSBd3FJgQ7NoqRV+WpNntR7UgI9tM25Y9verG2k27uooAZ8zrtYllxjBOaXadwOe4P5dKlEYwKVQOeKYmRiPbwBjjHHpUiqePrmnbaU8CgEJtp5UrtYHtSYLKMU/adpFAM85hsdW+HniTUo9K0O71rw5qjG9jt9P2l7G5P+uXazL8smQ45wDmudl8O69qNxJK/hvxfKZWLlbvxDFbRrk5xtjfge1ezNCGQZAIx0P8An3pFUhskZNMR5VoPhvxR4fvJLrTfDVlZyzKY3m1LxHPdE+hEexuR7MM13Hgnwv8A8I3pLxTTpdapeyyXV9eICBcTP1UZ5Cr91c9FAHauhWLdyRjNPW3CsTmkNEJBHQZpV+nNTlMdKTZ7UgYi0jLuapAvFM+bdQI838ReBbfxx4l8RWmo295aQyQWkljqscZRre4i80F4mz99d6H0K5FZVn4E8Xx+EdPgujY6hq8WvzX17Mkqws8JDBJYmYbVJJU+uGbHWvXXXcCD0PUUqrjB753Z9/WmNani/g/4R+IdHvvBj6kmkTWugLqEXli5eRpftEpZWAaM8r65z71vj4VRX0nji21aW1udI8TvHm1tE8uSHbGqLgkAFsoH6DHtXpO3IwOBTZFKpgcUA1Y5bRfDGoWa2y6h4hn1WC3KssZtFt2k2DCiRgxL5PUgAEAcVTt/hXo9hYzaZBLfRaFIzFtISZfsw3EllGEL7CScpuC89K65Ubnj/PSpfLL4J+8OlIEcx4i8It4ruLKCRrS30+1khuF2RkzxPHIMCMjhFwqrx/CSK6tiWYt6nPWkWMfKCo49qkoGM2mn/wANCsOacCNp4oAavQ0q0L3psuVXcooAlPQVHJIsYwx5PSqUmoSJjau7J59qZLJ5ssfOTRewF/zAAMc07dnnNZQuJDJsH3s88U9mkV+pOewovcDSYooyeD1/+v8ArTRMGYHOAtVGVsD5ifqaFRmXoRQBbVlPIPHrWT4g8SWXhmx+2XU3lgyrFBGoLPJK2NqIg5YkjJ9Oa044wsOOeleZ/FTR79Nc8FeI7e2mu9P0LUZXvkgG50SWLyllC+iE849c0CZr+Fde0fR7qHwzDYXehzmOa7trTUkYNMrSM0mwscH53JYZJXOMV1f2zcchjjOPm6n9K82u9Nk8d/ETwVfaXDI9h4dkuLu6vHjaONi8IWOBGP3iSCW9NuK2Jvgr4Sumaa50iS6kkcyMbi9uWyScngycfSkwRt+LPGth4N8P6jquoN+6tYiwhiIMsrnhEUZ5LNx+NeY2fhHUL68s9H123803sy674nu9hEdxLnMNgh6FU2LuA/gjx/Ea6rXPgL4U1HSLmLT9HtNG1EYntNSt93m20yMGSQFmycNtJHcZrS+HevXHibS5U1JEt9e02Y2epWgb/VSr1Zf7yvjere+KQzf82QO7PkN+Iwfxqwkm1TmntZvyPl/DpSpZllO44oAzdc0Gx8ZaBf6PqIY2dzHhpE4aNgQVkT0ZSFII5zXmGsW/iDwFZ2PjXVPJ/tCydNO19bc4XUbRZFjiukH/AD0UsjY64JFezwwmLAC7ieB2xXnutW4+I3js6UP3nh3wxIs96QPlutSIzFCP7wjU7z6NgdqaGdmJiJCOpHGe34UyW8kWPgZ5q/JZ7pndn3Fu/vTVsARg9KGUVraTzVz371BdSsrBD3NaS2awsSKhlsxMd3WkBUVigNIbpsYxVl7YgYqP7HxyeaaAqSuZPrVdsurAnGDWl9jHfrTTYjaR3PrTAos3ltg8gCo/tA3AdiatfYRuOW5pj2A3hgeRSYEd06x4OOPaq3nIy7sHIq5cWxK5HBqp9lbymAwSaQDF2TRnklcY2npj0qhNGk0wlKo0iPkSMoLKR0wa0reExx89apyW7biQvG4nrTQFW+0ux1i1W2vbWK8hQ70WRSdjeoI5U/Ssu68MadFod5o9nCNNhvUdZJoU3MzONhZi/LHB6nniteSNlmDEcewqtNuaTcFOP8aYGBrPgK01bVvD2pTTsNQ0WdSLlAFaaELzEyjg8ncPQ5xXN6T4I8QaP48tdWvLi0vbSNL2CWUTv5phmkV0IiKhUClQMKeSc816BK7I24ck/wCOaj3OzhiAMHIx60wHspJ5BB7g9aKYZdvAHHaimB3/AOFMkU8VKtK4HHFSQVTGOmDg9RUqr0FTYG2kFMBvLE5Oaeqhe1JSt92gAamLz14p1JJ92kA8KNvWmN1xSr92mjrQA/d0pR96mH7wpw6UAStzjHFLsx1psXKnNWEUFeeaAGRhfSpGXd0pU60rfeoExgXaMUm01K1C9RTBDfT6U/1pG+9T/wCGkMj2minfw0qj5elACDpRtHrT6bjn8aAG7aNtPPShaAGgbaa67ulPNKRxQBEicUbdpzUoAoagCJqaG5qVQCpyM0iqM9BSYDAN3Sl2tT9oHQYqRfu0wGIvy0rRllIp1KKAKn2FSCuSGPNA01FKvg5HvVv+KhqAGR2sZbftw305pfsqFt20Z+lSr92kU0AReSu7tT/LWkb7xp6/doAYy0R7lYMCQw6EfQD+QH5UrUzcR3oAdJucjcS31o2im7j61GzHd1oAmrz74gWU/hHVYfH2mRuwtUW31y3hXP2iyB4lC93iPPrjd6Cu+BNRt87EN8wK4OfT0oA5fX/Gc1vp1lceH10jVWuCrn7ZqKWqiMjIYEhuo9q5W5+JniSH7/8AwhFrx/y18RFv5RV0K/CDwRHJ5g8J6RuY7j/oaYz9MYFT2vw/8LwzN5fhvSUIOBtsYh/7LQBhaj8WIU8NQwWF/pOreMr7bZ2lhpF2twhuHYhSSf4E5ZiwHC4wM4rrfBvhuDwd4bsdMhuWunjYzTXjfeurh23yzMfVj6+1W7fQ9Nscva6bZ2z7dm6G3RDtx0yB0qxGoKtnnPWkxosKQVA4pWYL3qBVHHFPZR6UihGmVmxmjzFSmeWvpS+WpXkZpoAaRWXPSofMXvUrRr5fSq3lrzxTAezL1Byaa0q7euTSeWoHSoWUbjxQAb0Zic49aQMG+YEU2aJNuQMfSq+0KuBwKAJ5pNy+tV9qrUbsdwGTj61FMT6n86AJW746VHIo29KhkkZV4PaofOfd940ATt/SoWjHpTmY7etR7jt60AQyQrknaCfpUDW6bjxirLfdH1pJPumgDNe1JY4zRVtmPHNFMD//2Q==)

Величина МИК пенициллинов, полученных биосинтетически и синтетическим путем и используемых в клинической практике, указана в таблице ниже.

![Table

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4S34RXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjE3OjMzAAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAM0MgAAkpIAAgAAAAM0MgAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NToxNwAyMDIzOjAyOjI2IDIzOjU1OjE3AAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAHEsAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAaQEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A7a4jeW2kSNtkjKQrZxg9qzDYaoZFC6gBEqqAOSScfNk989vSoNiX7DqDQBH1Ablm3giPGUx9088/WpLeylgkhZ7pW8uMR4IPPTJ5PX/PNAEA0113BdTK7mJIGR/Jqmls1mkJfUHVDGEASUg5yST17jA9eKAD7DablJvpCVULjzRzg5/OnwWljBGqJJI4VNg/i4yD2HtQAiWGnqxPkTkkEZMT9D+FTfYLOQ7vsshOCoHzAYOc8Z/2jQBKsEMcnmJYsZMAbsLnA6DJNOMYdi4sFDE5LPt5/LNADhFMOBbwKPZz/wDE0lxN9liDzSQxqTgFgTzjP8gaAEtJZL1GeC7iZFbaSsJGD+J96tC3k73En4Bf8KQCmAkYM0n6D+QrK0+ePUZAPIukVkEgc3D4KnI7HGcjpQBrC0gA/wBUp/3hn+dH2SD/AJ4x/wDfIoArXsE0YiNnDDzJtkyoyFIIyPocHHcA1c2gUxiEVGw+lIDImTVFuG2OrRfaE24xnyjjcD7jnGO1XGVvWmBXljD8Mqt9RWfex+TGrw2kchLAMoABweMj8cfhmgChaTC5uJk8qSFoiekhIPzsvQ8fw5/GpZElB+WTI7h1/ljH9aAKzSMpbenTuvP/ANekyrDggg+lNAdcyBlIOfwNYS3Fy2TLpD4GOMFs8gE/TqfXikIk3OVJHh9S2AQG2d1z6djx/nkSa7/fiHQo90eQvzBQ7AgYGQOCMnPSgCdJ9YGzGmwqMjd+8HHAz3+v5Vq23nNbobhFSUj5lU5ANAEwFV7hZfPtmjkCRI5MoJxuXaQB/wB9EH8KQDjeWqn5rmEfWQU6O5t2BxMj/wC6c0AQ30Ud5brEXZQJEkz5ZOdrBsfjjFFgsVhYW9mnnOIY1jDGFucDGelAFnz3P3bWZvf5R/MioLyGO8iVLm1by1OfmfHOCOx9CaAI7Ewwq0NhFFtJLEeaevHfB9vzFXR9rPVYU+hLf0FADJJZ4ZYlZ1bzCRlY/u4GefmqtLf7Yt8bs4IyNkeCevQHvxx6kigCa1SW4t1ma6uE3Z+XCeuP7tOuI2igLRmWR/Tef6flQBCrTHefs8pXfhP3zLlfXk1VY6kZCBANmXwTK3PzEL/F3GCfr+FAGi1tbn70e7PqSazryybzj5FrbGPyzjcgzv56/wDjv6+1AFaK1nVH8yztWb+HgD88D8z27A0sEE/2kiWCNIsEgo2DnjHTt1/+tRcCw8Sesn/fxv8AGsuZ5lnlRYJioZAjrITkH7x59KYyvLeGFsM8zA55kQDHT0x6/wBOtPcyhsHy3HqMqfy5/nQBmXcO+VpgzQzbMZPAxzzkfX9Kkt0cRIZcGXaA5Hc45NAHZzA+WSC2QM4Xqaoqlx9mQyB3lI+YJIVA/wA/0oEFtAZd/nrPGQ2APtD8/katraQDvKfrK5/rSESrbQ4+4D9eaf5EPTyo/wDvkUDILu2DRYgEMchYYZkBHuMVX+yzfZWxJbKdrAyBBwexzx0+nagQtqGjv2LXqyLtKiIHo2ck/wD1u1aatu7UAVrlUJbzLhkXK/IO3PX1qDSktknu/s8sjybx5oYYCn0FAGqAap3XkCcF0LSlMA88LuHftz+dAyDTGidj5do0HB6n6f8A6v8AgOOwrWxxmgCle+d8jW6KzgkZYD5eO1RTm/aL9yY45NvUnIB59vpQItWzP5IErB5Ockfp09sU28Ba3IBEfI+YuVxz6igZX2Ts8vk3IUswLDO/YeOBnp06fjWe0CedIW1Q5Ik+QHO3Mjc9f4enttoA2h5mDkCobgM1vIGOFKnJxnAxQBnX0KlMvfPEvy8BhjOeOOvX/wCvmls0MdrtimM4Ej/O3XO45H4HIoAkcOf4ax3hu080i8QyED7w+7j27Z5/OgZHd/bgD5Sxk54+nGc579ajh8xoVM6hJedwU8UwK1wFYtiXYy5XJx7Gkt1URrtIPygZB4PvQgOzusC2lJk8sBD+8x93jrWcNhgjhS/CbF+Z8/OemCc/55FAiMiLcqNqzfMpbcGAyBjv+I+tS+REoEb6nJuxhfmHX+poEXbMxxMYPtJmlxk72ycDg/rV3t0pDKWpLAsUc04k2xuCNnY54z+OKhCWSwiI79yhuM4PJw3TjqaBDbEWbXpWC1dHAMpc9Mn8evzH9a2AlAFW4wJG22pkfC5bbweeBmm6bvaS4D2qQBXAVguPMHr/AC/OgDQ28VXnE5cLEFCYyWJ5ByPz4zQBXso7sN/pUySNg8L+GP8A2b9PStEAEdKAKk9urXaEyKGYgojLn7ueRz7j/JqGWG0hgYPLtQlnyoyPmDZI6+pP4UAS6XBAluZbYs6SnOW+pz+pNS33kmNY5zjecKoPLHuB+GaBlEiwJkV0YiWMTyFs4Yepx34FVbr7DHIzpaO7MpJwDk7iWPB7ksePTPYUAa0Ie4t45cldwzg02aF/Kk5z8p49aAMi+W3WIs1jJM23tF6kZ5/X3xUthEvkOIYDAgkYbSm3PPXGO9AE0kT4wG4rAlgtDFJEI5EiLNC204A55PsMgc/SgCK8SB0cNdOMNuJ3Z24HI9hg5NOgjKRYLtICSQWHP0pjILof9MtwAJ+h/wA5qK1iSGMiMYUsTjOcUAdrcqPs8m6MuuOV9azcwiVl/syRtnIkCZBzx35NAhwlR2KvpD/MGfJh4ODxnjqanVysbyGwEflgYJA9ee3QYz+VIRZs4VwZzB5Uj8sOtXNnvQAnlA9QDjpkVQf+0TtEMMaDj5WYHH3v/sfzNAF21Wb7Ov2jHm85x9ePxxipwgoAguIpiTtmREwMZHOf89qi02Eo85N2LjLAhQ+7YOcD8sfXGaANHYKqXMUJkzJMy8KPLBBz83Bx9e9AFXSY9PVv9Ekkk4blv+A57f7v5/WtfaPSgCC6jh2rNMhcRZKgAnk8dO55/Ws+eaOFtken+YCcEKOO/J4/A/7woA1Y40iQJGqog6KowKVwNh+UN7UAZ4kvBb/LZokpVwPmGFxnb9e1RwSakbpROkSwl2+6f4ecfpt/HNAzQLDOM1FM+I2IznHAGM57daYGXM+o/ZlWJoPNCKCXPJbjPA46Z4+lSwGYK/2hkJ3/AC7T24/rmgBWIzisid7wTZ+zRuBMMEYyE5yevXGPzNICtdSDlW08suGzwDnpxx65/TuOaSBw9mjrGUBH3T1HNMZTuSZJQiSKjoNxBUng5H+NIgOMsRnJ6emeP0xQB2d35i2shiZFYDhnOAPrVaZL8lHtpbcRbRnfn0PIb8u1AhkkWoKp/wBLiUk8HaPc46fT9aVbfUJGBTUAFVgSBGpz7dOO1IRqxIVjUM29gAC2MZPrUmPagAOFUk9BWFJBBdqzf2hIQdoJTgr1xj/vvr7c80AadjGv2SNUZ9q5A3DB4JB49P6VcVMZ9+aAKVybTzJd5ZnwC6Anpjjj8+aTTHtC0/2aJ0bd85Y/eOWyevrk/jnvQBo44qtcsglGLYyPtHz7eANw4z+v4UAQaa8jnL2K2wIPRcdx/Un8s960iPSgDOu11I/aBblB8o8onHXjr+v6e9OZL5g2Gjj4wu055weuR64NACWUF0s9w010skbEGJV6qOev6flU01vI+3y5imGBb5c5Hp7UAU4bORfJLXxYrGIsYzuYdT165H6VSu7a3Mm2fVJFf5QSBg5GfTv1H0BoA1YYo4YVRTuAzg/0HtVW/W1nVYJmZCxJBGfTB5/H+VAzOij097z7Sl05kVGZhu2jaSSSRx3/AKUlrHp9vcokd08suDCAzbieN2PyBoAvtsxnke1ZtxFukkZbjaC6MQcjbjt170AUbqK7DDy7qME5wCMd1PvnjP5/jRCtwtqguHVphncV6HmgCjehBIGkg38ffHUYORUNnDHEXWOVmGB8rfw4yP1pgdzfNGlrmQOy7l+VBksdwwKoTnTZHiklMqsVEaqAwwOuMD6/yoAFi0gx/aASURQM/NgA8Dj16/Sr2mW1pFF5lqrAOMHeTngn1570hF/p2pQTjpQBDPceXLHG0ZZXByR2/wA/1qsksaRgrp7K2zOBHwMdun9KYD7OeY3HkGyMMCx7g/QZz0x+f5VdmMiwsYVDSY+UHpSArGW73ufsqum1Si5AIbndk9PT9aZKdR81BAiBMndnHqcf+y/hnvigDRPTis+GHUo1mM11E+SPLJXG3649/wDIoAiktby4d/L1JRkcKh6c8nr64+mMdzWuoOOTzQBQu9PNyLnNy6JNGUO3+HjqPy/U+vEUv2SSZka9d2ZghXcDglSBjjjg0AWrXT4bSaaWMuWmIL7j6Z/xNPvvL+xSmVHeMLllQ4JHtyKAKUwswzrMh2QNvBJ3DJJPQe/r7VSvmsY5QZLJpHaQDdk8EjIPtxn6Zx3oA21UFBxj2x0qOW3ikYF0Ulc4JFAzJ3WggimXTzvaLeAI8hcgHG7t9fam2sFpcObhLFYWjYBC0e0/d6jjp8xoAsvHxise5WC4eaKWJjjJOG5JXHT35oAoXUenTQZkldQ21yN+SOQB698Z/WltRAsLRQys+xju3dQfT/PvQA2VX8tih+bHFV4g/JkiVXJIO3uMnFMZ2115/lAWyoZCwGX+6o7mopJbtLdXW1VpMHK7wB7DNIRBLPegojWcbxuMMQcgc9CO4xT45dSAUPBAGzyQ56f40CNG3MrQgzKqyZOQvTrx+lTYoAa5AVuQCB3rOmjv5oWEVxFHIVA3L91WHX/CgC5FNGqRxvMjy7RnDck461OrAnFAEM9tLKXxcuqsMKqj7vBGc/j+lJZWX2RWzI0hbufqT/XH0AoEWwOapStbTSt5kzxsrCPaWwCQQQQOhycDP4cGgZWsZLC0uBbwJKGxnnkDO0f1Qfh9a2Nw7UAUbm/8ozIIWYooxzjdnHtx1/Q+lQRyQRRbxpzB93ypGgPTO0+gOAPpQBZt7mWeSRJbd41RVIc9HJznH0wPzovJ5oli8iAShpFD57Lnk0AQpPdmdj5C+XlsfLtJ6YPX61BPPqzEeTbxJnZkMwIBy27n6be1AF6F5RComHz5Pp0zx04zjFRXj3ZQLbKoyOWPUfQdOmevtxQBRcawZFO+MKFUkADkjbn8D8//AI770wf2gQfNwG80EeXggLnpyBxjHvnNAy0/TO3tWXey3SSL5Fqsqnh8nBHNAFC/uZAhH2AyYYfKcHIyMH8OT9RxTbYKYWf7P5DMcMPXHSgCveKBHzMyAsBlev8A+qq1v5m92M/mox3L/sg5pgdtqMavbqjXBg3NgMBkk4OP8fwqC7tQ8nOoeSoQIYw23A5yeuc4/lSEQJYwsFtk1WQADCiNgvf17nrWhFphSVZGup3AOdhb5T/WgC+FxT8cUAZl5BZtJKs7yAy4dgP9kZ/9k/SorSTTwhdJpUEcm473I565+mTz29eKYh9lb2hvPMjgmSRUxucjBAJGOD9T+P4DWAFICrcXqQbxsZ2XqAD/AHS2AehPHT3pbK6N3GH8opxnBPuf8M/QigC3t4qrLuhcLDa53MHZwBgEsAc984J59ufcGQ6eLiTabm1jh4PCjpjGP5n8vetLyxmgRTmF35soRVKbf3fTrx/9f9PelCXWwEeWPnyd5ydvtgdelAxbSKaNmE8yyZUAYb0zk4xx1Hc9Knmjd4mETrHIejFc4/CgCgwPH+mKu2fBw2eTxt/Wq15Abu4VIr142Em7aFPO0LkHpwf60AaahvLC8nHGT3qKWXyYi8hwoOPXrQBliO38iS3FxxASzgD7u4E/l82e9RaaLWzka1huC8jN91jz3P8Aj+A9qBmg+/b0yc1Qu5HWMqJEjdgdrNzj3x36j86YGXcwXhlDi4AA6gkgHj/HB/DHc1M5BB4zQBmX7bIwywGX5gCo9PWq0Tw/aiqqVZh1J64JoA7m+27oFaLzMyDHzEbffj/PNVbs2VzIsclpcSN5hUMikcgAE5z06c0hElm1o1x+7spo5C24s0eOSuc5z6cfWtQEUAOFLQBnSXEz3Dj+zyVWIkO6gnOenHtzxTLWe92rv0+NDty0anBB46HocDPOew+tMQ7zdQWcrFZxCLDYbochjjjPcYP4/hWmPekBnxDU8QeYYjgt5p3YJ9Mcf4VPbedvj8yQEbTlSQc8+3p0oAu1nS7iWYXiqjOrA7+wbJ/MfL+FAD1RYWjMt2v+j5LZY9xjnLdPrntV9HSRA6MGU9CDxQBlSpbJJIr3YDRMbhxgnaOvOP8A9eM0qvafZyq3UpjSPy9vbBUHOD1wOaAFhtrWDVJJU85pZJNrf3Qdu4foT+f0rUoGYyS6ddKjGBsTS7isnB3Y3Zxn9B34pUuIBNAFgbc8hxlidmV647ccY7cigDU4rNuruE3H2Z4mZSRuLcAdOnr1B/A88UDKSXMEscjrZEPKF3K7YJB4P4gHoO/FIs1ot5MUtCjxsmJGXBO84zz0xk/n70AWoJxcw+YNvUj5W3Dg461n6qLYpHHcxsyyt5Qx2yQf/ZRQBnM9jMAoeVTJIUwzZ5AK55z69e/HWmWsMVpb7Ii5XP8AGckY4/pTAZcMSh8vbv7bulUYxP8AaX8xV8v+Bh1oA7q7FyxjFu6IM/OW7jHToailN+IVCeUZdh3Nj5d3GPw6/lSERE6t55TdB5echwOg9Mev6VJbLqKvGbieAqD8+1SMjnH64/WgDRDZp26gCldIzXIK3fl74yip6nnn9R+QqlYKqNbj+1fPYAhTnmT9T/8AWFAi5p9sYPM/0lpcHadykYPHHPb0+vU5q6QepbpQBl2kVmtrH5V07IElAY+m4bu3YjFWLWK3W5Ro2kLFXxngDDcj8yaALs8S3EYRmYDOflbH/wCuqLQwJKLYmU7upyO+7/7L8/pgAbbra6gZm8hgJERnBfqCMgYB4OAP0q/bxR2sKxQxhI16KO1AFW5FvbkZtNxl+RsL8oXPO49AOT+vvUaXAdtn9n/KGVM46DHpjoOn4GgC1bfvppXe0EZjkwjMvLDaPmH8vwq5g4oApyPdAkBTxKApA/h4JJ5+tMVr1vs4kXGc+YQRjp+Y5x0zQMtbSD1rPuU1AXMhgMZiMOEz18znr7fd/X2oAgiXVRInmYxuy2duNuzpnt83oD+VQzf2uI5BEiGTJKFiNp6Yz3x19+R70AWY/NNvGZuJdvzDPQ1UuzcrPB5IVo2JEh9OOKBmVJLfGJPMtkDYYtlNw3ZAGMHPILc/j7VIpbEi+UERThAAQCPxFMCtc7fKfcNowcsOorLiWEXjslwTvBJjJ/UflQB22opDJPAkksiMT8mwDk8f4/p7VWuvsZEUT37IkZKYEuGJ44J654+vWkIryR6f87tfXDhcllWTOT1HQdcdPanBdLEasbuQgKdrbySvTJyB7AZ/CgRpadFbxwFrZmZXP3mPXFXQ2BQBlXWp2H/HxLHIxhlNuCF5yTg9+mR+lRx/2TGf+PcgrnGRkHAyfbsOvoKALFnqdu03kQwyqGdsljxnn9OP5etafmZoAy/PEMaiGxUcNhQOBkA/z6+4q5AI1uyFtUjITO8R4PX16fhn0/AAlubjyLaR1IZ1UlVz1NUjqgMcTN5SyMI9ynnBJO4Zz2x1oAH1G4DKIIIMFmBPnLnGPlOP6frWgtxGVUtIgbHI3CgCtPcXHmv5cimMgY24JHT9fvfp70i3s6RqGBZt/wAx8pz8ue2B9MUAFpeTB28/zGTaMYt5Ac988Y9f0q0t0soZY/NJHB+TGD+NAGVKj+XGsmosnlh1fdKBk4J5+cHgEH8KtzWtwxBM0y4A6bTnGfVvcflQBO9zGrqjAqzZIBdcnHXvUNzLHNbtEWZMkc7k9enXpxj86BmZJbrFcK73U25FTh3XkDGCfm77D+LN60tqsSrE0UrvHFxgFMDIGB19x1z2oAsmfP3YmOP9pf8AGqt2z3FvJHEsivwCysuR37NmgZmSC6jufMdpdncbHbsew47j8vem2zyfZUW4lJmA+ZmRlz+YFAFe8uNsLBGjkfgBCw555/Ss8SRi63NalSGCo+CMg559qYHY3EsoLSNHMW80rGqqpJAB5GV+v51RMbhSRbXBLuxO9EOM455XofSkIVTciCQLHJGyNgfImCME5AA/Dr3zTHiuPttvDFbBrRuJWKgbBhs9h3VO3f2oETs95FuSGxlKhiFIuNoIz1wPUc/hTpXvV+aOymfG75ftZGfQ5z3oAhuYtS+2p9ltibc+WWZpjkZYb/4uoXNWDHqCkiO3XbuON0x6ZOO/pj0oACNTZiDFAino28k9/wD61SRRXzIqSNAHxyy545Hr7Z7UASGyuBaBSLaSfIBZ04IHU4x1I/Umov7MuT5fyWIKg7v3PXrj/P8AKgRIun3mGzLbplcL5cWMH1/+tViO2vGjRZrwlkcNlVxuGMEED1yf09KBi3NnczOjJfPHtzwFzk7cev40wabLvVnvZnIDDB6ZNAEi6YjRW6TyyzGB96u7cngjB9Rgmh9MDW0FvHcyxxwxbF2nBOMYJ/L9aAFOlxv1uLj72eH47cfTinDR7YBRvm4k8wEtk5/KgCe60ewvRJ50OfMOX2sRuO0pzj/ZYinXGlWNzL5k0IZ/LEedxHyg5xwfegCJtI098BoAdoIA3t35Pemf2PpzOHMGSCCPnbjHHrQMlksLWQjzI97BSgYk5wSDjP1AqAabZpA8KxYifG5d55wAB39FFAFJ9E0wqB9nGOB99u3TvUJ0iyicSRoVYDg7iT+tAyaRhjrVOU5X5SM0AUZQxUhgCD2NUmhRRgRBB/sfL/KmB271E1IRF/D+NLF0agRKOtOHUUAO/iFIetADGoT7/wCFAFg04UAA6U8daAENIvegAP3xQPu/jQACpB1oAkHSg9qAG96j/ioGLUEn9aAIl/rVR/4fpQMqv938agbofpQBUPSq7UwP/9kA/+Ex6Gh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRvclRvb2w+V2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NDwveG1wOkNyZWF0b3JUb29sPjx4bXA6Q3JlYXRlRGF0ZT4yMDIzLTAyLTI2VDIzOjU1OjE3LjQyNDwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMAAwICAwICAwMDAwQDAwQFCAUFBAQFCgcHBggMCgwMCwoLCw0OEhANDhEOCwsQFhARExQVFRUMDxcYFhQYEhQVFP/bAEMBAwQEBQQFCQUFCRQNCw0UFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFP/AABEIAUYDHgMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTUWEHInEUMoGRoQgjQrHBFVLR8CQzYnKCCQoWFxgZGiUmJygpKjQ1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4eLj5OXm5+jp6vHy8/T19vf4+fr/xAAfAQADAQEBAQEBAQEBAAAAAAAAAQIDBAUGBwgJCgv/xAC1EQACAQIEBAMEBwUEBAABAncAAQIDEQQFITEGEkFRB2FxEyIygQgUQpGhscEJIzNS8BVictEKFiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/2gAMAwEAAhEDEQA/APp36VGy4yT6VIuaNvrXIeoYHiLxJJoElpHHpl3qclwzjy7bYCqquSxLEAD6+orl/AXxki+IdvYX2m+HtSXSru5azF5L5ZEcigk71ViQODzXZeJLo2Gg6lPlvlt5PujcTlCAMd+ccV5B+ztY3mk/AGe0utPvlv4ReO9jtaO4bIO0LwTkgcHBx19apCPYZNas2huTaXVteTQKztAkw3cdAfTODXN/DL4q6R8SvD9lqMHlWN5c+YV0ye5Uz4RipOB2JB/SvD/hX4O8T2PjU3z+GtUsLGTwxNbYe3YFJcsVSRv+WjED75xnqAMVb+G/wn14j4VxS6HdaJd+G7i5u9WvJIBG5DHcqK2B5hYHp2AJ60Aes+Avi9Z+KNJ8QajqMMWjWmkajJpz3Ek4ZHKnBJPGDnHHuK7TSddsfEFml7pt5BfWbNsElvKrDcOCpIJw3POfbivmzRvhD4ybRLK4uNHuIJbbxnJrVxYyMPOuLd8bXQZOSOuCe9et/BXwXqnhK18R3mrIYZNa1mfU4rPfvaCFiQobH3WIGce1ArvsNh+MVpr3xAuPCuj3unW7WJWO6ur6QqZZiCfJt4/+WjgDk5xnAxzWd4z+Injnwn8QfDVq2laZN4d1jUBp0dum83p/vSnBwBwSB2HWuMk/Z3164vL3THWzFjJ4sXX4db85FZYOpXGSwbOMcDnrXZTeHPidffE/+2PsOhW+kK4gtpXufMntLVj+8dFHHmOACT2xgYoA6X4yfEAfDfwLdalHIsN3JKltbO0bTKkjsfmZV5IVQcgelUPgT4uvfG/hm61a78T6Z4kDTBI2022a3WHC/MrI/wAwJPPIrSlj+IcFpftb/wDCOXMy37G0hkEgEtiAfvEdJDx196zbH4Z6v4e/tS98N32laHqmrapDdahHHEXtlhVduyMbQPMbDEntQM0PjVr1/wCGPhlrmraXdvZahahDDIgU8lwCCGBzwT0Ga5nQ/H1w3xS0PRNK8QXOt2dzYy3OowalCkZQqmVaIlUYndxtAbjJxxXb/E/wdeePPB97oljeQWX2p42e4uEdlUK4bAVeTkqB+NVbv4e6h4k8W6NrviHUoWuNGjkSxt9OhKhHdNpdmZiSF5IUADJH0IBT034uW2reIJNJi0m4S6aznvbdXlXdJHExGGT70bHqN33uMAd41+Kt6b7xDb/8IxIw0Oza6u5k1CMpGwGRC3y/fxzgdMEGqfh74J32h3mn30Pi5zeWVlcWiSLpq75RIwYSMS5LOGVck+grU0f4SyaT4bm0IeIpnsZIJY5mjtQrzySD55XYsxZuW6/0oA3v+Erkm+H6+JYrPeW0wakLVpMfLs37S+OOPauCt/jlqOm/2Rd+IPD0FlpOraTNqlpNY3hnkHlIJGSQFRglCGyK7XWvDtxpPwtvdFs45dWuINIewt1WIF5j5Xlx5AwBnj8vesrwd8N7aTwzoo8QJd6hcQaONONnqQQLbo6BJQAoH3tuMnJAXigDA1H4neNNN8O61rM/h+zhsYdH/tK1uLnfGqygAmBl3Ev8rA7l4zxU/wDwnHiWCXxJp+prpMjxeGF1y1xBJsy24GKQFsODjoO1b1h8FfD1j4fu9G87VLzT7qE2wW4vWk8iEnJjjI+6pwPfgc8VqSfDLQZL64uZYr6Wa4sRp0hN3IA1uD9zjHGT9aAPPtY+IWtaNo/hq5YppOiT6VayTX1paJLb21zIQdkqZJiiwRtIH8VR+PvEF/qHh/422N3cRy2ljZwC2/0cRlRJAW+cjljnADHpkYxk16Svw18Nr9mUacWW3t47VFkuZmUxISURxvw4Gf4s1PceBfDt1LqbzaPbTtqhU3wk3Mtxt+7vBOCB0A7DgUAefa9r2raT4k1bSrTV5bSytvBP2+KOKOP91cAhVfJX5jgH72RhulV/hrqurf8ACYeEEvNevNT/ALb8KnULq3uJEZBOrxhSiqoxgO2ea9Q/4Qzw7JM0smg2EkjQ/ZSzwhiYsfcOeq+1XrTw/pVjcRy22lWNtJEmyOSK2RWRfRSBkD2FAHl/jHTdPm+Omg/bZ5o/tOg3UcO24ljDzmRAqx7COdu7K98d8Vw/gvxRb6lJ8Korm8vLi7tbfUYdY5lJj+RhGkpHXB6A8jtX0uyBmVto3r91scr16Ht17Uv2iUMDvbv39ev86CT5l0Hwt9l+D+gatZWGpXVyNSC6+tqHmu5LRZpSAscmdyg+USMHIXoa6mT4b2l18PbvUPD2k3kWpWupjW9Kj1RFjkmkjKtKqRBF8tGG9QuMZIxXuRkkOMO3HQ5PFJIvyk9GJySODn1pDR5L4k8MapceEPDRj0qS81m48Q2WtaotoFzHiTfJkkgYQbFH0PFUdI8Da3a+LtSttS8NR6rZvrb6vaeIJtSLW0QZt6bod/8ArEOUHHfn5c17NFhORgYOR9Qc09Tzndk/3s5P4mgZ5DZ/DnxFL8HvGfhf7BFb6nrF5fyW3nXkYUJcSblLnPVV9OOmM81Z1T4d69ql94huTDp8NtqvhiLQlElyT5TrvJYgJyP3hHB7CvVG4VhvODnjnuc0noerEY6dsYoA84h+GOsDVdPu5r7T4jb+GG8OEKJG3sdp8wHjIyv3fQmrXhH4U3nh3UPB1zJq9vdr4b0uTSiILR8XCuFUsx3fKQI0+mWxXoShgCRuXOM/KccUu7odokK9yuSBTQEZtSVwXCnGA3DBWHfpj8K4W1+DOlW+kWtjJqerSLb6m+rQXCzJHJFO7MW2lF+6S7cHpkYxXoDOcBV9Ppx+dV5r2C3Q+dNFGo5+eRUGfxpEnG6X8GPCmjtYtaxagpsr2TUId+oSttncEMcZHZmHod545q/qXwz8L6xNqUl9osd4+pNG14LmWR1mMZzGSpbA2n7uBx2q/ceMNAtd32nXdLhA4xJeRZ/Vqz5Pix4Ot2IbxNprseNsUwc/kpNAFyXwToTTSTLotiZ5YVtpJZIQ7vEOkbFskr7Hiren6PBphto7S3hs7eAFYordAix5yflA6Dr0rCb4t+GnbbbXV7et1AttNuJR9eENNl+JVnIQbTRfEd2M/Ns0eZAPxcAUgOhi037Kzqm2NS275FAP1yKtKu4jEjAjnOTXLt421GRcweC9fmDcK0otoQT6fPMKfHrniuaLfD4K8rnH+latAmP++d9AI6XyUbIcbx6Y4FPWziX5tm88nLe9cv8AbPHkmAujaBaAnrNqUzn6fLBj9aX7L4/mUg3/AIbsx2C2lxOR+LOgoA6uNz52cndnP3u/r9akJ7EDHQZOK5FtB8YTqN/jCzgbuLfRE/QvKaF8E63MCJ/HWuM7dfscFrCP0iJ/WmI7BpAV6heeQOMfSnLmQlgrN7kD/GuQ/wCFZrIwa78UeKLpsYP/ABMmiyP+ABaT/hU/h1mzP/al4PS71e6kGfXHmYpAdgzorF2aPcOSWdcisu58WaLZ8XGsWEODgrJdIMf+PVjr8I/Bjff8M2Ex67p1aU/+Pk1qWPgHwzYqFg8N6REB0K2MWfz20FIzrj4q+DbVtsvinRwR/Ct6jH8gSagPxe8KyKTb6pJfDpizsZ5c/wDfKHj3rsYNPtrNQILaGADoIowuPyFWWLNjczNjpuYkUDOEk+KVixzbaN4ku92MGLRZwPzZQKf/AMJ1qU7D7N4I8SSDGcyxwQj/AMfkBrspGKKSz7UXksx4X3PtXKv8UvByx3cx8SaXItmrSXDLcI4hUHB3kZC4wfvN2oArr4r8UzcR+BLlef8Al51O2j/9BZj+lJ/anjmYFV8M6NbgnhptaZiB9Fh/rWlp/wARPD2r+FbrxJYakL/Q7eNpJLy1hkddqjLEYTkDPJGQMHnitrR9Sttc0u1v7QtJaXUQliaSMoxU8glW5GewIzgZ70AcoI/H88g2/wDCN2iYxvzcT4/ABaT+y/HtwxV/EmhW4H8Vro8rZ/76n/pXdbA2B6UjKcdSaLAcMvhLxRNGC/jqZH7/AGfSrdR/49uNJH4D1WY/6R458QOT1EBtYf8A0GHNdyq9jkil29MUAcUPhnFKu2bxL4nuOckNqzIP/HQtNHwl0Fs/aW1e8/6765dt+OBLiu4wc89KQKe/SmBxP/CnfBrKQ+hpPn/n5uJpf/QnPNTRfCfwbEoVfCmjvjp5lmjn/wAersfpSYI5G7/gJwfw96YHMxfD/wALWoxD4Z0eP1KWMK/rtrTtvD+mWaDyNMsoh0/d2qLx/wB814VYeLtZ+G/7Slx4c8VeIb2+8OatZPc6JPfTbIYGA3SI4XAYgB1B7ED1r1j4a6ZJDpd1q8k18zavO13DbXs7yG1tiT5EYDE4JTDH3bHYUgOkWzijbcsUaHp8qAfyFTBjjHb2p7g5pIx60hobtbruNM+YZAdhn0Y1Ow4qM80DIdrD+L9abIPl6809lODTFUlc96AITHimPCvXaKsbT3qKTPegCu0ee2T2AGc/5/pWP/wlWhNqr6WutaedSU7TZrdRmb/v3uya28bsHBJHPH06fj0/GvnL9ozTZvhv478KfFvSowI7OZdP1iOMY3wOdquR0BI3AH+8FpiPbJ/FOi2800M2saak9uN00bXUe6IZx843fL171Lp+uadrCyHTdStNQjjPzNa3CTAH0ypIrj9LtYPEPhLxN4laBWn16xmaFpY/nWzjhYW4bPOXA80j/bXP3a4r9jFlb4C6d5Y6X10r89SJDjJ/i479qYI9qabJ60zzyvc4+tLJbsWzUMse1enPSgY6SaRgd0jFewJqFkWZcOFcejKDSeWcYI5puw+nFAGfeaHpdxkTaZYzDqfMtY2/mKxbj4eeE7p5Hk8M6OXfqy2Mat+YXNdFNkKeM1AQVx2oA5ab4S+FGXMeki3fpm1uZoTj/gDiq3/CubO12pba7r9goORGmrO6j8JN1dgrs8mDyPelkL7gA5UHjJ3FR9cc4/8ArUAcVJ4X163ybbxpf4z8sd3aQXAP4qqk/nUa2Pja1yBqmiaj3/0izmtm+nDt/KsfwJ8TtR8SeLvFXhjWNPstN1TQ2ARI52/0pDnEoDDAU4X/AL+CodY+NVv4d0Pw/qWraDfW8GuXAtrP7LJHIS7E7dwYrgMBkHPQ0AbMmreK7Pm68M2l4ucbtN1Nc/XEyx/lUM3jdLM51LQdd00Dqz2DTL/31CZB/KrMfxF0f/hLj4Vk+2wa+I/ONm9swPlnGG3rlcc45rd3MuQG2t3VSOM9O/8ASkBzdj468PanJ5dvrNkZj0hmk8qX/vhgGrUnzxx15Bz1H0xT9S0201SNkvLK2vUPBW4hWQH8CDXMt8PdCtw4sbe50Z+oOlXclsoPrsX5D+K00M25B8vI4qqyjBNY8mj+ILED7D4iS/jA/wBXrForH6edEV/VTULa7q9iM6l4cuHTp9o0mYXaE/7mBJ69AaYGu3U1E1UdO8TaTrTvHZX8Utwv3rd8xyxn0aNvmH4irzBl6jHrx/8AXz+lAEbCosVIxzUdHUQFdwrifihGV0mzYjdicj8wf8K7aue8ZWqXmlxh034nBxk/3WreO4M+m1FHGeaXdxwMUhXLAH/PFcpCHKSvKnFMmmeTAkdnP95mJP51i6tfeIYbry9L0exvbcICZLq9MLZ/3QrVmC+8cS526RokXs19I/8A7TqkM6xmabO5tx6n35pBluCfYe309K5ZZPHTHBi8Owj3mmJ/9AFJ9n8btJgX3h6Lj/nhcv8AyoA63YV6cD0HFJtG4NtAI4B6Vzf9m+NWxu17RYx38rTZGP8A49KP5U06P4vkbnxbZRKeMR6OD/6FKaQHU4PQBseopPu84xz6YI+lcu3hXxO458aSIP8ApnpUQ/8AZjTT4P1vp/wm+oFz18u1tl/9kNAHV8eh/XH8qk52gnd7NyD1z1x61ycfgS/Zf3njLXj67Ps6/wAozQvw9JOW8UeJHPqLuNf5R0AdcVY9EPHIOCf6UxIWJ5X8wa5V/hvZzACbW/EEn+9qTjP5YoHwt0U/62fWJ19JNWuP6OKAOx+bbtXhc52hgAD64pMCHBxt6DIAH65rkV+FPhh1G+xupBn/AJaalcv+hkqX/hVPg9cbtAgk95JZGP6tTA6Vrq2RfnnhUD+9KAf1qvNrmmW6eZJqdnCufvPOg5/FqyYfhn4QUf8AIsaWef4rdW/nVuPwD4YhYNH4a0hP92yiz/6DSARvGfhyPLPr+mAd2a7jJ/nVOf4meEYWJfxNpJ5/5+VJ/IVux+HdJg/1ek6fGMY+S0jH/stWF0+1jxstLeM9PkhUfyFAHJH4s+EtwC+ILOT2iYt/Kj/ha3hwsdl3dTf9crC4cfmErtkUx/c+T028VIs0oyDI350AcOvxO0mRsRWeuTk9PK0e5bP/AI7Uy+P1YjyvDfiSfPUrpjLj/voiusZDI3zc/UZrO17xBpfhHT/t2s6hBptirBTPcSrGmT23EgdjQBjJ431CbJh8E+IpFBxlo4I//QpR/Knf8JP4gmVhD4IvwcZ/fX9qh/8ARhrf0fWrbXtPhv7C5ju7OVQ0dxCCEkHqM/hzmru4sfvHH1oEch/bnjBlUQ+ELaL1+0azH/7Kh/nT2u/HMi8aN4fh9pNUmY/+Owf1rq9xXkE5p8YEnb5vWkM43y/Hkq5VvDNt6jNxMQP/AB2pG0/xqdpGu6HFnrs02Rv5zf0rqpLjGVJbjtk06NmkTIJx9aYHJf8ACN+K5G3v4yWNccrbaTFj82dqY/gvWpZNz+ONX6ciG2tYx+kbGuzEZ70bSvQ980iTkU+HQMf+k+JvE05b+MagsI+nyRihvhbo8keye8165Un/AJa6zdEfo4rs1xgkBQep7dOT+gNeMfGjx34k8H/ED4c6Po1/HZ2fiW/+xXIltFZ41BTLqxB6hyfwpiO0/wCFS+Eyux9Ha4I/inu7iQ/+PSEVPb/CfwbBhl8MaQzYwWktEdvzYGvOrDxb4hu/2o7vwhJrl0/hu30ddUS18qHcZCBhS4QHAznr3r3BTuxnknJx6c0ikZEPhHQ7A/6Joum259YrSMcflWrDClugWONEHoqgfyqXFOUc5oGJ823lj9M1CtvuYnHFWTGWHFNViowRmgREsYjk4G33FSFQOnB/U09VLruIwKcFIOR2Gf0oGcN8Tfito3wn0+xvtetr5re9nFtA1rb7wZGztQkng4DH8Ky9c+M0Phzx94e8HXGgX/8Aa2uRiW23SwJCFAO4u3mErja/avPP23mT/hCvCMYdfM/4SG3l2dWZFWQlseg/rUHxVureb9q74WX8M6zabbWs3n3EBzHF5nm7CxGeTkfnTsiWejeF/jAfEnxV17wQNFNncaJCs91eT3gKMjbNuwBOc7uue3SvUVQbfUdwTnHpXzt8LbG9tf2qviJq8lhfRaVqFnDb2t8bWVbeSRfLyoYqAcbf519GqpbDN1PU5z+tAINo9KaetPDDpimnGaQxC3HPIpyr3obbgYHNCttoGGPWg07dnrQcA9KACLKypzg7gOmR+NfNP7MNnBdePPjlaTwJLa3Gum3kt2Xho2edWQjsCGPH0r6WZUlRg25VIxuQ4I981yfhX4a+F/A+qajqGi2L2t9qDtLeTG6lczuWLbmDORnJPOOM8UXJPnz4N6JrHg7xp4q+ClytxPo63g1GPUCcAaa3zODjp5nyKR6vLX1cucMCNvT5R0HUY/DH8vSqqWdtHqEl8LWIXkkK273AT52jVmZVJ7gFifxq4AdoO0+nQ0DQm3PtQFwMnmhs+hH4f/Xpixy8/L/P+o/rQMey4GaVVFQTajawg+bcQxKP78gX+dZdx408P2fFzr+lQn0lvol/m9AG2UoxXJy/FrwZattk8WaKW/ui+j/xqCT4zeDE4GvQTn0t45JT/wCOrQB2X4UbQy4IBri/+Fu+HZeIBq10cZ/c6PdMD+Pl4py/FKykA8nQfFE5/wBnRJwPzYCmBn/F74M6R8XF8PDUWMbaRqC3YZRtLQ9ZYQRggNhenpx1Nd9GBwQOMccY6gH+tcYfiLcyZ8nwb4pmxyN1lHGP/HpRT18ca00amPwDroXt5k9on6GWkNHYt1pm7bXIJ4s8VTE+V4EuAP8Ap41W1Tj8GJqN/EHjZsbfB9gnr52uKP5RGgR2e71pCMN7Vxf9reO2bA8N6HGwPO/XWb+UFOa6+IM2f9A8LQr/ALV/csf/AEUKBo61mz7CmqwXIzXJs3xAZMD/AIRVG/3rpv6CoHtfiE3IvPC6n0+y3TfruFA7nZeYO9QvhunSuSbTPiEQC+q+GIQeu2xuWI+mZBUMmmfEFcgaz4dijycM2mXHrwD++7cigTZ15wvSsnxJ4fsfFGh32kalbrd2F5H5c0J6MMgjnqMEdulYX2H4gZJGt+HXwRkDTLjA/wDI3pmov7P8fyMB/bOgFu6jSrgn6ged9KYjpNQ0q31DS7iwdpLe2li8hvs8nlsFIwQCOnHHHrWB4F+HeifDXSn03w9Fc2unM5kFtNcNKsbH7xG4kjPXrULWvj2PaF1fw2y/7Wmz/wAxNg0fY/H6rxqXhlh/tWNzn8P3poA6sKG5JwaryKu71rl3h8fLuIuvC77eCqQ3QI9OdxAqKS48eK25bfwtOAMsRcXKAZ+iNjGR1plJnVlQc5GKhdQVPeuV/tHx9HgP4f0GfoCyatKi59t0Pek/tfxpDu8zwjp8g/6Y64D/AOhRD+dIDoXUbsAVE8Yz0rmX8WeI4+ZPAt856f6NqVq/82BqJvHt7Cubnwb4ji9fKhhl/wDQJT/KgDpTGFbOKimUswAGWPSuZb4lWO0mXSfEVsRyRJos7AfUqpqBvit4VGDLrUdm/TbdwS25H/fajmmBwvxU+Fup618RvDuvaFNJbpfRNo+tyRA5FptLeZ14YoGVT/eCCsj9qRYbPQfBZjG2W18QW1yIoxwIUznGBjA2qPQZr1608deG9Q2pa+ItMkkI4RbtFJwcjv6mtSOUTQsYHRkYbT5bAqR+AOfzoEeDzXsLftZ2TQXMcq3XhlkUxyK24iXODz1wK9l6RooPy4GB0wMdCPUU240LT5LtLifTbWS5j5SZ7dN68EcNgt0J/OpW7/KQtIEQMM5qsyAMTirTcLnoaryZ25700MpydeOPpxUMka8kjJPBbqanYetRSZ6Djtn0460AY+raHp+vqI9RsYL0IcbnXLocHG1uqnryCO9Y7eHr7TVB0bV5jGP+XHVCbiH/AHVcfvE/Et9KxvilJJo2qeFNfSaaG1t9RjstQiikZUaCchFLqCAQsgXr/e56VC3jbUrHUPD8U0UerWuuahPaWzMRDLEiBmRi2NjblQkdPr2LA2v+EmGnuqa3atpJY4WfeJLV/YTDhD7OBWzuXaCCHyMgqeMHp/nvWJonjbSfE9v+5l2NJJJa/Zr5QrSNGdsiqDwwzkcZHFPXw/LpuJNDuPsynkaZOS1oc/3epiP+7x6juADXU7qgvbQXkQQj+Ld+hpNOunvoWaS2mtJY28uSGZQCGHdSCQ6n1X8cVcV1jb5lLDHQVrAGe9MCB60BuelKmQafjv3rnJIpXCrtyIx0HQDOOPbNcHoPxa0jXviBqng8295Y6rp6NK4ukTy5FDAHYwbngjivQ4z+8XjPt68dMd68D1v4V6x4s8UeHfEOm29xol/Z6peW9/JMgjeSycckZPPPAOcjcCOnFIDpNC+POl+JrzxTBpWk3cy+H1HmzNLHGk7HIRI8nksRjJ4xzV+z+LVnN40g0HUNNk0ppNHXWGu550KQKcfu2x3zxnkEA4rzCH4V+Kf7M+MlrbeHrhP+EkMcOjxs8eHjRdgBG75e3XsKg8QfBfx3fa9bano9mNO+w+HbKwigllj8q5liw72z/NwnbI4496APerzx34Y07AufEOmwsUE21p13FCcbgvUrnoRUieNNAbWk0pdYtG1FjgW4ky2du4Dp1K8469K4G0+H+p+IvjBa+KNf8N2MWmx6Ctk1s8kU4inDlmCpzgAHg1z9r8BdbHiSFJ7mD+zbfxPL4g/tGKTfK6GLCxBQMgjgDnAG71pEtvoesW/xC8OXesS6TDrVpJqMe8eQpJJZBl1U4wzLlcgdM1gWnx68DXVrLcReIY5YoYmncqkjKqq21geMBgcDHvXG+D/gNrWh6r4dN3f2str4dvdQvIbmKZmkupLhjtJBX5Opz1+6Kra18NL/AMD/ALNup+Gby2stWv5Lh3LQ+Y0SmW4UrIX2hl2ZJJIx+HBBXZ30fxw8JFNQZr2eH7C0aXAuLV43QyECMEEcs/UAdue1LcfHLwrZ+HU1p5LxrX+0zpDxrZlpUugeEKZB59Rwc9q8r8G+CPEvjTSNdsVgh8M3c1xa3E2trdNepeKoIMeSqYYIoxt6Annmuns/2cbq18N/2QviO1VF8RLr6stmyD2j2788+uaYGj4k+NtpeeFY9Q0W8vNJkXXYtInN3p++SGTfho3jzxngbh0B/EdI/wAXrNfHFt4YGi6o+pTRyzLjyiqxISPMf5htViDjPWuWb9neWbR7iybxKqrN4l/4STfFZklXzxFjf6nr1rb0X4Q3Wh+Ktb8QyeJ5brUNWm3XUv2JVcRKpVIEYsfkXOcDHIFAGHpf7TdlrTaQLPwtq0g1WK4eydpIAJTD99T+8+Xo2DV68/aCs08A6N4os9Cup4NSguLjFxMsccHkg70aXBG4kYAAOaZ4f/Zx0/QW8OeX4gvHGiR3SW7C2QlluM79wyeRnirFv+zj4dbQ9A0ifUdYkt9GguIIfLuI49yTH5t42kZGeCBn3oA9A8H+I4vGHhfSNdt4JLa21S0jvI4ZQN0YYfdPuOa3FFZXhPwvaeDfDOmaJYPNJY2MIhha4OZCB13YUD/GtgY9KRSI24biljyWqRdu7kUpxu44pDDac0uzPNKxA7qaDJx2/OgkYyZXGcV5F+1jIF/Z58WdwVtwB3P7+P8AzzXrm4ye35VneIPDOkeK7IWet6dBqVnkHyLgExkjpkZwfxouIp/D8bfh74WU/MF0q1AO7P8AyxTjp/nFb6R/LVay0610mxis7G3jtbWFdscUa/Kg9Bz0q1GzYGASOp4/woKQm0inrhcGgKzZO1vz/wDrU3qwJX5e/NAinIu6SQqfl65xVy0H7kAflTJJ4o9wZ40XtuIFVn8SaRaqTNqthAFHIkuo1/rR0GjV2YpCu4cVz1z8SvCVrw/ifRxxnm+iyPyaqH/C4vBqkhfEdlK392FvMP8A47mpEzrMbcgccH6dO/tXlHxa+F+u+N/H3gPWtLj08Wvhi++2yrcXJR5wWQlUCoTwFP5V1LfFjwy65hury5b+7b6ZcyZ/KPFPj+JNnIqmHSvEUy9tuiXAP5sBxTQjmNO+E+t2/wAfrr4gzXmlmzudOGmG0LymYIApDhtmCSR09/avVUQKnQgYHr15z2Fcj/wnl3x9k8G+JJRxybaKH9XlFJJ4x8QSSZj8B6lk/wAVxe2qZ+uHJpgdgpFP3Z571xkeseOLniPwdZW/o1xrH9EianNP4+k4Fj4bs2HBEl9cSn8hCP50FI7XJ28UwMORnJrkfsfj6Rcvqvhy3P8AdjsLiUD8WlX+VJ/wjvjS5/1vjKygHUi20Zc/gWkagR2KtuFL1HPy9uh5rj28G67LGVl8d6qFP3vJs7SE/h+7Y0kvw4EgVpfFXiaYAYY/2ikWf++IxQI6mRIGkDNFG0q5UboVZ8HGeew4FPVpEXDM0ceAMMdqnGMDnr0rjv8AhVGiRgzXlzrd5GBub7Vrd2V2987XFY1r4Z+GNx4ZutfWxs73SLZpFku7mWWdQyO0Z++xydwxjqc470AegS6xaQt+9v7eJV4+e5VQPzNZNx8SPCtkzJN4k0iIg8r9uj/kDXJxn4ZWWm6hef8ACLabbSWM8dtLYz6TEt350pHkRhGBOZCygEnHOexrpvCF5oOsLqEVjosGl3mn3LWl5YyWsUclvJtVgp2EggqynIODkUARzfGDwZG21PENpcOR921V5v8A0EE1Cfi1oLH9ymrXX/XDR7t8/T93j9a7iGLy1AjVUA7KAKGBPJJJ+tAanFx/Ej7TzbeFvFNz6f8AEqZM/wDfbCnf8JprknMHgLWiuf8Al5uLSA/kZc/pXY7Qx5GT6ml4549vegpHGP4g8ayKWg8FwRNwQLrWYgOvcIrH8qcs/wAQrgHGmeGbU5IxJfXUv/oMAH612XGOQTjp61wvxV0We80HUL0eIdU0aKytHMEejuEaW65KbsgmQMxRFT+Ik+mQCLC2vxAlUg6p4btI2H3Y9PuJj+ZlUfpTG8PeNZmDy+MbGJO/2fQlB+mXlOPyNT6X4ss9Aj0LRfE2sWUXiu4tIfMsy2HllKgNhRk43B+cDoeOOcj/AIW0dH8U6d4b8R6JNpOr3soigaznjvYWOcKx2ESICeCWQAY688gjSj8Ga5JIsdx4/wBYaQoG2W9pZxHGOWx5Z4znnPQGq9r4Us77UnsJfHOv3l6iCR7SPVIo5FU9GYRRgjr+g4BNUdJt47P9obXGgjKmfw5ZzSK38bi6lB46ZwFzjgleK8x0VtRuvBPwqubRT/wmFx4lumuJNv79nIuvtPmHOcAKnBxjavfFAHplv4T8IatrNxpKa/q2p6lDkyWp8QXG4Afe+VZB0zg9cEY4zW5D8G/Buwb9DW5OfvXN3PMeO53OfWvJfArTX3hv4HQQFzq0OoXkt+v/AC0jHlyrdebzwPN8vOQMs2e1fRkcw7DAJ6Dp2xj8qCkcnH8JfBkYA/4RbSWA6B7VHP6g1qW3g3w9ahRD4f0mHaODHYRKfzC1sSSY6Co1k+agYltp8EEimC3hhwcARoq/yFcj4r8c3Gk6zc6TpWmtrOoWmmtqt2hl8oRwhioHCMTI219o4B2dfXsy4ZcH9K818U6Hq2l/EHV/ElhpUmtJqugLpiwwuqNDcxtJ5W8seFYS/e7FRjrQJ7HUt46gm+H0nizTo7i9sf7MfU4baL/WyIIjIqDGeSAAffPFc78O/iJceOtTng3affWq6fBerqGlM7QK8jMPIcuf9YAhJx2I4FHhvw1rnhX4dWPg3R9sd3Z+H2t7XW2kXyftm0oFEeSxIY7g3QY5BwaxPAPwnl0TUL6aGC98LaXeabFBeWNnqSs896GXN1GU3BCVUgsSC2enWgpnoGteMtE8M3tnZ6pqlrplzeKTDHdyiMSYIBwxOOpHv7Vl/FbXtQ8O/DXxHrOizW4v9PsZLqGS5iMsZ2DJ4GM+x6VV1bwHezaHb6HYa6w0Y+Y11catEdQupWJGPLaUFFGM8lSc4wKz7r4WWGk/CnV/BPhw/ZUv7Wa3+0ahO0h3Sja0jcZ4z0UBRQIk8R+Lr/8AtfwN4fs7lrGbxAJLi4vkjV5Yo4bdZHWNGBUszugBIOF3d8Vx2j/E7WvFPiLR/B01y1nff2pqllqWpWkaq7R2WNuwMCoMnmRk8YGDjFdzqHge61KPwhex3Ntba54dwIpjG8lvKrQiKZCMAgEYbr1UVjWXwkj0dNL1Kxu1Himxv7rUXv5IS0M73OTNGUDBtuMAYOfkT1NFyXc2fhL4qvvEvh2+TU5BLqGlandaTNOo2+cYZCokx6kFc4wM9q7dcKTjg965jwT4Zh8H6O9jFM11LJczXt3dOFDT3Erl5GIB+UZbgemK6PaWUnt2oGhzY7Hmm7FOcgVVaZo245p6yMw54oGQaxfnTtJv7pE3vb20syrjrsjZsfjjH414j4T1vUNP/wCFUau17c3c/ixJ11YSyM0UjvB9oDqpOE2EMPlAGOor3B2OeRvGCCpHBBGCD7Yri9H+HOlaFf2FxDJdSw6Ykq6dbXEitFYLIf3hTA3EkZAZi2AcDAoAxvFUkviT4uaH4XuJ7iDSv7DuNQ8u2neIyzmVYl+dSCdisx29CXGc4FeZ+H/id4o8bWHhHw5BZ3OouLS8u9Te2ultZryG3uWtokWVuF3MuW2jdgADrXsd54FglTSmOqaiuqaaJIotWWaNrkpIcujMV2FSAuBt42g9aqL8NdJ06HRzpMtxolzpNu1paXdo6mTyWOXSQuGD7mAbOM5Gc0XJdyHwt8WPCGpaTovl6na6Q98oFtpt45SZTvKFcNyTvV1z/sEmkuvixZ+HtStrHxbY3Hhae6kEVrNclJrW4JHHlyoSvIP8W3GK6DQvDuneGNJs9O02zSO2tE2RF1DSE5LFtx77iWyepOayNK+H+h6TqsupfYftuoSFna/1BjdT/N/dMhbaM44XFFxo4GL4mNfeJL/WNatNSTwtY60NDsJbWVVtoZVcJ5s6Bwz75DgbgAOBjvS3vxQfWfit4UjstdtI/Dsl1eWYgW6RTcypCSZpOThQ42IP4tpP8SgdlefDPTLi5u981xHpt5fpqVxpMaqYprhGDl9xG4KXVGKggEjpy2YNU+GHhzWNb0PUv7JsIZ9NuXuFWGzjVZnZCuH4ycEqfqoNHMM7bAjxtBQ9MN1x2P8APg9OKax65Jx9aN/BLc5PLerdz+feoZpNykY49aBoay7s4OfpUJbjkn86ak3lqVUc1DJMxU5FAzP8U+Ibfwv4d1TWbskW2n2z3Em3OSFGcA9iegzxkj6VgaD42n1TVH0nVrRbDVPsUV+kcMhmSSCTgncyj5lYHKkDjGM9a0PGWip4r8KaxorP5R1C0kt1k5+RmX5W49GwfpXG2el6vD4gl8TXmlTr/Zmgf2clpbukklzMZPNkZMHaBhVxkgnd044YjW8Val4Z03VtG0rVdMtbu81mZoLeL7GkmMKxLvkHC5AGf4jnHQ064+GHhJ9xTw/aW745ayDQY+nlke/NcV458H+MG8QaXrVhc2OoNNrtrItrJazLJbRKjoqO6Mw8pQ0mcAfM5Oc10fiDUNcs7HUW1eePSrSJ1axvdA82e5LFyAGhaMhhg8r6n2GGIkk8A6fp0Ly22u67pUMY37l1R3jRR1J8zdgfWoRofiFlSXTfGP8AaCD5R9u0+Kff2HzwsvcgH/dPFY8a698Q/B+paV4jtX8OhpY0hv5Yo1N6gbcC9tIxKA7RlGznH4VzulwnWNa8NeHLyyt7Cyhi1WKSHS1MdrLeRNHGJowp6lWdgOxZ/QUAdrLdeM7EDztO0bVewa0u5LZ2A7lJEIBP+9iopPGk1moOqeG9c05R950tlu4x774Wbj6gVP8ADnXZvEngHQtQu23Xc1sDOxwNzj5SeOOdgPHAzW5JMM7VOCO4oGjnrHxroGqMsdtrVk8xP+pkkEUg9trkN+laNzlMAg5x69aTVNNstbjK6ha298D3uohJj3yRxWBJ4F061y2lXOoaE2c/6DeN5WfUxybk/QfWkMTxh4Zj8XeG9W0idikd/bvF5m0ExseVYe4bBrkvF/h+6tW8Df2XZTS2Wj6rFLIYTgQQCJo+V+91IzjOfQ11Mlv4n0tc79P12LpiRTY3DD1VlDRsf++fwqA+MrOGRI9Xt7rQLktt3X8WIif9mZCyHPuy0wPJdBa3WbQWJQi18Z6jDEJF6+akjIeeR+OK9mjmAYLswOQNw5xUepaHpuvLBcT28Vz5ci3ENzGwJV1GFcMvXj65zU3kFWz/ABcZz2pgSrnv9KcVG70pdp/Gkdc9TWkQZ76qndz0pWbbipCuajkjLL/OsSSKS8t0LK08KFeDvkA569/8arTaxYx8vqNoBno06DH5msuf4c+GLy6kuLnw/YXM8rZd5IFYk/jXE2yaReXOsR6X8N9MuU0y6Nk0im3QzyhQzCMFSWCggn8fSmB6K3iTSNpDavYJ65uk/wDiqpTeNPDduCJde0tP967jH4dfb9KsJ4K8PxMqr4e0pWJIO2xiJGO2dvsaihtfDLXklrDb6Mt3H9+FUiUrzgg8djweuO9ICovxJ8KIpDeI9NUD/p6Uj9D1prfFLwZtPmeJdOI6bfNyD/jTNS8TaFp/hfWNW0uXTJv7OhZpCmxlWQLkK+zkBjgDpnPHSrfhnxFPqk0dnOlpHexWUc1/DDJh7eVwCqbDztI3HJP8I9aCSo3xX8IpgprMcnGB5cMrenGQhHanj4o+H8q8FzeuezR2E/X2ISut8vcBg4PqKlyypjex/GgRxz/E7TJG/wCPTXZn67k0e5Ydu4X2FOX4jWeCqaT4hYn+7o84z+YGK7COSQLjcx/GnZIyOmetK4HIf8LBZGBHhTxM3H/QP6+/JpR44vW5j8HeICAMDdFCn85f6V1fl+wx6YqRVI6Er9Dii4HHR+NNWmyR4H1tsHjdNbL+P+tp6+LPET4W38D3S+nnajagD8BJXX89P1NIM4wTkelMaOX/ALd8Xtll8IwA9D5mroD+iNTl1HxrJHkeHNIiP/TTWHP8oa6pYyak6c96RRyEc3jxm/48PDkA/wCml3cN/wC0hUskXjyTBE3hmIf9c7p/8K6rzCWH5UYKk449xSA477H46mbjXPD8XosemSvz+M+f0p66J4wmzjxdY7sD93Bogck+3744/H0NdRfR3DWVwLScQXZjYQyspYI+DtJAPTOK+dNQtdS8D+E/FXh+7tIbXXPP05LrWbG6ldLm3uJwryfvGJibHmccD5h2oRLPX4/D/iWaMMvjhpUP8VvpVuB9M/NznNSweDdXkDGbxzrJbqRDDapxn/rka5LS9STwT8RfHNnYaTfXuiRJp7x2Ok2xm8u4dH3lUH3flVN3uQe9WfFHxO1Pw9q1t9htbbXTdRRvH4aVJE1WPO0HhQynrn5guOOaTEbd14SjtJreC/8AHfiJJ7p/Lgje+hheVgCSFURgnj0+tVLzw34c03UodP1LxXrbX9xt8u1l16SNmyxHG3gZwdufvYOO1V/HUwuPGPwrnng+xXjanJJsmKieMNaSsyMeeRnHXHFcT4wjlksPizpshA13UdcsI9MhA/eSxhYPK8rvtX5yccDBPUmgDt7rw74Kt9cTRbnVNSa/LBPJn1a9Yb2yVQnzNoZgOB1w1bC/CPwmrZbR/Obv511M+D3B3Oa8sewurjTNU8MsR/wk9x48jvBCQfMMSyJJ9oxgEIIlOG6du9fREjJITgY+brnOeBz+WKAOTh+FPgqM7j4U0l3/AL0lsrn/AMeBq9b+BfDlm4aDw/pUQ6fLYxf/ABNbYVVwSeKkjZJMlW4FBSK8Wk6fbr+60+0i4x8kCL/IVNChhG2LEeeBt47dgOv0p3H1NOb5YyPz9Me//wBf2oEyCLULe6urm1t7qO4uoGxLbpKHlj6feA5Xr3Fc34j8U3ekeN/COjpbwNZa013HNcSFjLG0UW9QgA24Jxkt+VYHjP4YSfELxMLjUJbPRrS3kVob7S1/4m02B3nyBF9BuJrb8QeFtQ1Xxn4N1Gz8ltO0X7UZGuLlzcSCSIRLztO4gAklmB4poRy+ufFTU7X+3tXtUtl0LQ9cg0We1aAvLPuZFlkEgOBtaUADHIQmqzfFDVZoYfEiyJHoc3ik+H10toQf3Qk8jzvMxuD+aM4zt2kcVrX3wnkvdR1mzN3bx+HNX1qLXbuPDfaTICjNEONoRmjU5z0JAHNWNP8AhQlncQ25vo5NAh1p9dj05IT5v2lsnYz5wYw5LgYzwATgAUwPRV+RmX0I+vQYqRWG7Haqykrt3dcY/EdafzjIoKRO3yc54pAVfsKh3FlxmnRAqcdqBMnFYfjG8Gm+Hb+6OtweHViQMdTuI1kSH5h1ViAc/dxnPPHNbTcdKhf5uSATnPIBpCOE+GPi/wAT+JLy6Gs6NDDpcQBtdbVGtPteTgj7LN86jGSGJ2nHuK88t7WbXvgDerp2b42fiaS8mht/ndoI9UMrgYOPuKXAHYCvfgWlUJlnJONvXJP19zUQ2suE8tNvQJjam08j0H3efpQgPC/FGgXvjDxtrHjbRopL3RrXV9EmjFujBrpLUSfaJI1IBITzQRxzsbrxXoXgHTp18UeN/EbQy29rrd9D9jjmiaNnhggWLzdrAFQ7BsAjOAM9q67+07ZbNr172E2iglrnzQyIo7Zzj5T7jAY/Sl0/UbLXLRbywvLe+tpORNayrKhPcblOOOnY9eKYF63mJ6jFSsN1V4U7VaVcECkUiFlKtThj8aklGDUaKWbPQUhjWbDDJwMjJ9ORXI+MPAtz4r1LS7pfEuoaOmngtFBZwQPmU5AkBkRhuC8D0ycYya614y3fkGuL+LWvap4T8CX2r6XPbx3Fq8IP2mNpBseVI22gHG4B8jORweKCWdLo1j/ZOn21t9ouLuVF2NeXjB55Tz8zkDk81U8OeGNJ8KrIulWKWksxJlm5aeZjxlpGyzfia5P4lfEKbw/rmleGtPS7+238U95cS2to9xLZ2UOASkag5kZjtBb5QMk54rofDvi/Q9S0HSryz1uK5tr2JZLaaWZVmmBPULkHr8vCjnIxwaaEXY/C+mQ+Jn1+G3Y6tNALV7n7RIVaJeVUAttAB3N068jmn6f4a0ux1Ka/g0+C3u5t3m3SR4Y7yNzYP3d5AJI5bGTmuV0rUr1Pi54vtJb+e8sINKsbqC2kYGOJi05ZVCgcfu1HOSea8t07xhqml+Ffhl4yiuLm51jxHNePfxySu0VwjW80qgISVURtEipgDr7mk7gfQkei2VpeT3kGnW9veTj9/cRQqsr5AJ3OFBPPXJH0PWrkZ3EkdO2OleB+BN1r/wAKV1eF3k1XxNHcy6vO7Hddh7cTl5Of4ZAAPQNjgcV9Ax4jj9Vbnng9eaNSkOnU7AV9Kr7WZc4xViSYfKB0okfdjbx2oGQLC78dc8Vzvizxx4e8Gi3fXNWt9NFwpMRuMsWXJGcgHjPG44HIxXTNKi9/u9vX/P8ASvPfij4n0Gxs7rSJ7vSrXWvEFqbHztRdEVYMFTLIW/gQMcL3bYB7NEs7m3fzljdCsqy/MrqQQ3o2c+hBz7nuaxPDXj/SPGGoXlppZvbkWu7fcvZypbvhinySMoVzkdu3IqhofiDwnp3hez0611WF9Kg0czREuVZrKJfLM5YemM7hjnBA6Z4n4fqdE1bUrXwJq7654YbTElgt9SvHmtrW93hVSOX5m2tGN20ZK7RxzwDPY2VjiQj5sbdwzx7ZrI8Ta5b+FfDuqa3PbXF1a2ML3MkVogeQhFJOOnp1rg/GkniK+0/Tnu7HUz4mV5haHwjePFbxISmTPJOBHjP99foKdeR+Kofg14ks/FF1bazrdxp91DF/Zls27LxskacAeY+WALKq98A9aQzo9R8fW9lpehXEVrJcX2utFFp1iWCNM7oZfmJ4RVTcWbtj6Vkx/Fi01C2sYbOzkbxBeapLpC6VNKI2iuYwXm8x8H92iKG3qPukDHIxhz6Hf32m/CvXYbO5dNAx9ss2tXW4WOW1MMjCJgGfY2MgckZrB0/4f6tZeJrfx39gmDt4kv8AUpdIAH2qOzuIVhQ7O8gCLIUyCVfHamB6z4L8VQ+MdJupUiazurO6lsb20Zg/2e4jbDIHHDDuDgZUjjg10kYXbhWyK88+G2i3ugWniPUNQiNvda5rV1qn2Vhh4I3IWNG54O1N2P8Aa+tdZa3nkeVEoy0hJ+lIaNFrUMwNN8ldxG6ojfNtAI5Bxmq/muJZGLdD0oEXJIVAwDn61EyhAWPJ7c9PeoGuyyp3J5pJ5sRsc84OBjPagDlPE3iS90nxp4Q0uJLeXTNae5hklcsJlaKFpflGQMHHf0rcvr60063mubyeO3t4kMkkrH5UUDPY1zfi7RNT1bxN4Nv9Pgimt9Hu7iadpJxG5WWExBVBU9Mj8j3q9feFUj8QXGtw3uoS6g8b+VZ3V9I1hu2bf9T2XI5xk5IwPQA0tK1TS/EGnx32m6hb31jIfluLeUOu3j+IAj164OM1wfgH4nWXxE1K4k0rUNLXTYndYLXzA97cKrFTNtDqI0JBwME4BJPIqHQfg7aQ+JG8RazqPmaxNC8EkeiQCxtcOu0iQfemIB4MjfhXPWHwd1GTTfCWh3xhsrXw1HcwJrNpMPtNzBLCYlCrjch+YOxb+JVwD1DQHXaN8Qf+Ek+Il54fs7YHSbfTjdxagTlrl1n8pyoB+4Dxux8xBIOK7X7LuySeQQcjoa8m0H4TX3hj4l6dq9jr2qXmk2WkG0Md1cQuzMJfkhOxFxGAS3rnjpXpr3U6AZwV28kevfFIC78rKACOBgf5/GoGhHO41SW5EcyHPynqTUst8k24RtuwaBoZJCQ5AOaia3ZVOcDPrUuVK5Xr9e9Q/aTJG43KHwQCwyM44yB1GccCmgKk0DHdhckdBjg/8CJwK53SfFmleIL6W10+8F1JGHbcEdQ6K2C0ZZF3rkYyuRx1ri4V8WweIvK8WX+os8szJZSaCoGmAsCIw+1fMU85w5IyPpWF4DLK3wn06PbFqWj2N7DqkKsFNuqRBGEgJBA8wJyeCTkd6Yj2lp4bGNpbiSK2h3AGSRgkY3YAGffPA9TUFxujYjDRuCGI6EHJ9O/r/wDXrxf49a9PqOjzlNP1C78OWS2l7balYoJbaaUyoXkdlbOxFBCjHJY5zgV6QvjhNRuJ7Kw06/TVTF50K6pZTwW5YgHa0uwjOMZxzn2FUgLOq6dZazataX9pHfW7MHMU67gWByCO+R6jms7UfDFhfWNtaCJreK0JNtJa5ieAldrbe/I4Pr1PPNReHvH2neK9ZvNBkSXR/EFqMz2TbXdF4G9HBKlckAZwfm6enH6L4o1V/APhRBds2savqLae95cRq7xgNKWcLjbu2xFRxtywyKQHZ2un2+jWVrY2cP2e0toVhhiUk7FUYAPue/rUZZ/NJJyPSuNt/ifeTsmmw2lvdavai+kvSzMqMltIqZReu59ysM9AW9q7nTbq313SLLUrU5t7yFZ42PUqwyM/hj86Bog8xlfPIXFHnfNuBwKsSW5CkEcVTmg2qcUhkF/arq1rJaJc3Fo02EMto/lyqMjO1ux96w/CMl1eeF9tzI+oKJZ4YpZgGNxCsjLExPRiQAenpWrfacuo6ddWczTRQ3ETRtJA+yRcjqp7HNYWm+FYNPlsnnu7rUZ7GQ/ZpriRY3RAFAj2xhVI4/iB6VSAzLK20yXT7DUtNupvDF1qL5ihjZXikfGcNCTtbjP3Np46+upJrl5oXy65bJ5GT/xMrEmSIZ6b0Pzx9+uVHdhXGXcOoeGF0K8k87Tp9NgubdIcqyzF7mN/LHynl484Axyo969P87yWZVcooYjCtgdvTqPQ/XNMBsMyXEMcsbLJHIu5XRgysOxBHUfT8zSsAw5qna6NbafeS3FojWvn8zQRYELuf4wo4DdemM55q1KGYAKMmtYAz6EIINL/AA5x704gtiklXCnFYEmbq1/c2unXU1pZyXtykbGK2ixmRsYAyeg7/hXmPw98J6l4XGmTt4auINZ2TvqF9NcJ5SySuZJAqhz8xYpGrBRwDnpXrDL0GM7uOmf6GuLt/ihod9brNbC+uVa6ayiWKzfc8gzlVU8nGDk9BnFMDc1NtS1LwvdiCJdM1ia1kWKK4fcI5dpCgso5wcHPTOD2rh7rwLqWseBbGzGjW+n3kKww3O65U3F5FvVrkGVcgeZjqTnivTY4mI4UxkAALt+7x04PH0p3kurYYMOPQZ/EZ96RJ5Zrfw31jWLy8u91hbyaleWYudPDHy7ewgOViXaPnLEcgYAzxjiuk8G6LfaVqnifUL9raSbU74PG0BJYQIgSNWyBjAycf7XtXWCLClBtzg5XPHHtmqqyL9n81XjKZ2j51IHOAM54yegoEaCyBVXntT/OXHvWbJdwxMpkmjiXHHmMF2nGSGBPXkdPWkW9iuLgiGeGXKBgqyqTjueCcjPGccUgNPztw6fjSrNuasz/AISDTPJuM6jaL9nIMxaZR5Prv54x61BP4v0e3sby4/tTT2FpEJZP9LTaqsuV3tnCZ5AJqWBviTPFP3Zrm/8AhMNL0mxtbjWr+z0e4uI0b7PPcKdmcdce/GeAT0q/c+LNIsNQgsbnUbeO9mdVjtywJZnPyKQPuk+5zimho2dpK+1NA5z2qePncpHI4z2JBOf14/Cm+XtU4plBv2rxUbSULG7dDTlhI680AOVBtDd6dv4xSBTQEA5Izjt681LJKOrafbatp9xZ3SyGCZdreTI0bjkHKspBB46g1n2/hLTINJutMa1+0Wl2uLpbqRpXmHbzGcknHbnjPFZfi/WLxfFnhPwxZXL2M2sSzy3FzEitIsECBmCbgV3MxUZI6E1B8L/FN14m8IyXGpFJr2yvbmwknGEWYwylVc9gWGOmBmmhHS6TotlosMkVjAsCyyec53s7M+ANzM2STgDqTjFW4LOK1eWSOKOOWYjzZFQB5MDALMOWPua8x8C+JNStfF2vp42udS0jUUt2vEtru5t201bbzQu+Jk/iQlUO9u9dTqnxDtrXTYtX02zfxJoR3efqWj3EUogK9cpuBYYzypNJgdDeabZ3lxDcT2sE88OfKkkiDNHu67SQcfQYp81tB563UkEBuIwEEzRqZFUHOM4yMjPQ8Y6V5z8SPFFh4s+Dc2u6FqNy9pJc2pgntmkgLf6RGrI3fucg4qXxjax698T73Q9UBbSbDwzNqEMQLKjzNKytOSCPmjRevbORg80AdxG0UcgkOyGRn8rzDhS2QDgEhTgAnp6dBU5uW3uAqrggbV9SM/Svmnw9d3XjDwn4hvfEztLPpvgm1u7Z5uCksySu9wv+22yMbhycY719D+EY7u98J6HPqJYX8tjby3BYYJkMalsjtzmgC9JMVwG/i4qWx/5aLn+KkNmHmBJ3Y6VcWPbkAYJ60AO2jIx0olVnxjr69Mfj2p8a44NSMArA5Ve+5ug+pPApoCsq7VXaTt6HkgEd+MVlah4rtNP8VaT4fliuvtupRTTxXCwgQKsQy25ifoPx9zXHeIdL8X3HjC5fwXNqeljzVN7da7L5mlMMDd5URUyv8pONm1ffsdTxPa3P/C3fAk6WV1cQWVpfrcXMVm5jjeRECFiMhdxDY5470wG6r8UbPTdYnj+wTvpVrqcWjXGpRvH5cd2+NsRQtllVnVS2eCw4qtD8VLe41K0f7E39g3WrPocGqib53uVBGRHt4jZ43XcWJyPcY5u6+HmtzWer+Fms7k2994tj17+15MG3+ymVJ23PnmTKbCoJPI4wDVvQ/hprFta6F4cntSNM0XxJNrraiJFCXMQeSWBFTO7ezyAHIwAtAHrPk7nJI2twCPQ45A9uasLCVXaeTUavukOOR6/iamVsN+FIBqw45xTyoVQcc05WoY56UikN27qztamvbHTZ59PsP7Tu0wUs1mWJpeRkKzcZxn8q0d4SqWs6Tb+I9Mn028877JcALKsMrxMygg43IQwGQM4PPSmhHMeDfiJpPjjWNS0SK2v9P1OxQfbbK+iKPGrH+F0yp4/uvmvL1uZ7X9nm2jWSZYrvxIbS7kLvvS1fVXRwXJ3AbRtLE8A17ppOj2Gg6ethpNlBpen8hYLWMRgHucDufU1laV4I0TQ/D91oMFo0uk3DO01teStPv3nLcsSeTzwaRB4t4ytX0n4ma3pVlGsHhQ+JfD63cMUYjto3ZXaQbR8qgstuSOBkgnrz6d8OY5pPHPxOeP5NKOswi2VV/d+aLWPz9uOAd5G4Dv7g101v4X0uz0q40xNOhNhckm5t5laUTk45kLks3CjBYnG0AdBVmxt7fSbVLWygjtbaMsVihUBcsSWboMkk8nqaaGjUjjKr1xU0Y796opMz4FXIzwKTGK43MKbJJsprO2/pmoyrtJyMUAQrKWklz0HSuS+KXh288aeB7/RrKW3ilunh3SXRYIFSVJD91WyTsA6dzXYyRGMMwBPdgo3MfoO5rlNP8dWniDwTD4h07TtQu4riV4Lax8kLcyushjIwTheQTkkAAH2oAqaj4Tvb/wAUad4psbu3tdYtraSwmWSJpYJYHcSYAyGDI67gcY7HPFJ4b+GPh7wvo2lwDSrO9udNQJDfXFtG1xuLFzJkgnJkZmGDxk1o+A/F8XjCPWIH0y70fVdLufsV5ZXRR3ibaHVg6EhwysOmOhrEuviJIfiQfBulwaXeT2oj+2NcaksEsIPP7qHBaTCFTx3PNNAa+m+FxY+OtS8TDULiae9t4rWS2KL5CrEzFcHG48yP3/iqnpPw30jw9fWlzaC4YWRm+wWtzKGhsPNJMnlgDODkgbidoJAwK7aSydMBApmwPLV+Bkgdec4yefpXlg+K2pR/CC58U3NrajVjfS6ZBDEWNv55vDbRscnLKM7jz/D70ncDqtB+H+k+H7pLiwtDF5SSRW6PIzx2qyNudYlJIUMeePQDpxXSOz7iW+YdsCvIvFfxS1rwRqmu+FrmeC+1pX01NN1JYPKXbeymLLp6xlJG44I2j1rtvBmtX/8AwnPizwjf3Tak2kx2l5BfSIiO0VwjMEcIAuQUbBA6deaaA6ZZGY8inxsWPPQGros6ctqFzSKRkeRLI0uUyCeBnrVS+8P6dqV2015pVlfSqgTzrm0jkb6ZZTxXRCAJgkZrzPxFI3ij4uWHhG5nuLfSrfQn1Nktp3head5xEjblIP7tdx25wSwyDS1Ezro7ZIXVVijHlARqgQDAOBgYHA4X0Hyj2pbi1eOOONVXyVHC4wACT0Xt3+tcp8Ktau/GHwY0rU9Uv/s19NYTpJqLA/u9m+MXBHT+Hf1A4PavOPgvrC6dr0Mmt2EmiSQ+HmuIjbQySLrkAcM1/gAneFAwjAuPMbt8opDR7fHalmVd54HHt9PzqRoTZxyzyTBERSzu7BAFHJyxIwOOv0rmtY8dSSeHh4g0RbEWFtK8d0niEzaa0mApBieRAP4v4lxx19a1p4tt/il8LPEt5NoN1p9v9gu08rUoFaKbZCx8yJs4dMgfNikM6mbUrK10+XUpruGLTxGJXvGcKgU4G4k8DORjnBJHrUEmtaQNDGrPq1qNJRQReQzAw8sVABBPO8YwMkHjuK8nkZh4F+BAfH9myXtgbnd9wv8AYn8kEjqN+0L3yBXOzC5X4oPI4/4pmL4gkt8ymAXH2HPTJH+vOMkgbvcGmiT3zT7mw1yziu9Ouoru2bdsmgOUOGII6diCMHpznrUjWIVgwyWHTFcf8IlP9tfEi6XH9ky+InFmyf6tmWGMTMvJ4L55HBIavRA0ZG5Tn2pjRWgsxtywOaimsSJSRnmrE94u35Gw2ehpsl0FVwGBYCgZXFiFXAFV5LHLAkZwQRkZx7//AKqtrIzFdzDBpWuFXaFOGP61IHOax4m0vw/qWjabeySJeazO1vaR+U7LI2GY5bbgcKeM5/KtSexEjYHPXJQYXp39PrXA/FrUbW18RfDuRpli2eIEmcZ2lU8idSxABxyyjP8AtV0moXniBtYeIQaXF4e2Ymn86db4DZltqBdoOenzc5+goA1WhA2k5Q8Endyue5459cDnANYv/CSWU2sTaLbCS6vrfb9rW3QtFZuQCFlford9oy2OprhfCd941XxJZ/2P/aD+D1c+a/i9VjvEBPSDb+9Ixn/Wr0zz0rh/Av8Abfhqz0K303V72XxbNrd3Hr2i3EgaF1LSl5yu3KqCIyJM9GAOeMNAe3zeJNHj8TQ+HZLsf21cWjXi2qglhCpC7m9MlhjucE9KuXFqJGwN3J/8dwK8S8PxeKtL+NPhW51nRrH7ZfWN817eQakH80F4N8gzGuFjAVUTnhsg9c+6/aN0iKnGOCCMdO3/ANemBlT6QzzKysQF7Gp1s1VTgBD3NX7pysbMvbpUEc4kysg2mpGjPa3aMnac5qulqUzkdTk1tybVALYxULyI3G4dcU0V0MOa2/fN1Ifr3J79O/Gf59qJrBPLkl8sBmULJJ5Y3MOfvd2HTBPHXFcfp/xQufEvjKTQtK0aGzNrdCK6bXrgW8zRqw3GO2Xc7AjOC20Hj1rgvDmrXcNl4S8Tu8x1vVPFFxp+pM8jfPEzzKEZcniPy0C4PAVuOTQQer3Oh2t5pL6dNaQNpzII3tFT90yAghQo47Zx0pt7ZJqNncWl5D50FwhjmjJK5BzkcdOvauR+NXjaXw34Z1DT9HvobLXG0+e+E0zAGGFM8qpHzO7AqBjgAnsc9da6lA+k21w03nv9mFwUh+eSRQgJKhcsxOD2PfHs0Bjab4bsPDNt9m0ewttNt1x+7toFXdgdTj7x7856VzEHw9fT/DdnpsF+txcadfHUbO6uIcLG5ZiVIX+Eh3X/AIFXb6Hr+k+KrM3elX0N9ECI5DGTmJzxh1I3Ief4h2rj4/Hgh8O6tql/YrDLYahJpgtLeQyGWVZhFGqsQBlmI/OgDFk8AalpN6NatzHqOrTG9+1wq4hVxcMrgIzZ+40Y68kE10PhLS28N+EdG0eSRZZLC0jgdo/uswXBIPcZHXvTLrx1YRRt9ptrmHUEvGsZNPRPMl84IHKjHVdg3k+ladncW+p2sNzaypPbyorRyIeq4HbsP/r0DRKJjtwKazCTA75pGiKt6CoZARn0xigoxpr67XxobIz/AOgNpYuli2j5ZFl2nnGeQR7cVdeFZN4ypkTBYZGFJ5XOeQPYiqGoaTPN4gh1L7QVhjtHtJLdVZGdWZWJEgzg8dh3rnNS8N6xBqWlPoTxq9ugE2q6lcvJLNEx5haNU3ScdGJBGAc9jSEdElxFfRzfZJll8mQxSGJs+W6Y+X6jjnrzTNpj8vYoVR/DgDH4VxupILjUNQtoJmjhOuyCZYZAArtYF0+ZTz+8A+uMc81Y8B+MLnxNLGbgqFvI5JIY9mDEIvKUqT3z5m7n1pgduoG0YpWX8Kaq7WHpT5MKBVoGfQyoW4FI3zDBp+70qKZj2rIk5r4heIj4T8H6nqMcUlzcxwstvBChd5JSpCqAPevMvhLAPhrq1x4d1MzanNLaJe22tRwO4fcCZoScfKfMDMD/ABdTk4r2v7UtrG8skgiVBlnYkBR65HTFY8Pi7SL26jtbTWbC7mflII7tHZzjnAB56HHGBigkj1zxNaaZ4Ju/ELRyfZobOSdI5YyjtwRtwQCCSQO5OeK8g0nwfq9nodtqGm2+q3N5ZaTMtwbiSTfd3lwMKgjcjCR/NlgOw5r2XXdAsPFdotpqazXFt5iybY5GjLsDuUNgjIBA4PHFbCzHcAGYkHr5hYj05+n9fWkI8AHgLxX4Xt/EEOjQaleXdrYWOmrehmk+1Bn3XEsKFvmYD5RjrtNaV98Pr4f2Bc6ZoWo3H2nVI7q484rB5awxlowybvkVnIUlyScH6j2523j5gu0cYbkD9KrX11HptpPdTkrDDGzuzruOwLyRx0Az/k0AeFR/DnxJrWj6ZPrOjst5bzXmsXEc0yBri5bKQQY3ZVQDyM8hQe5zJo/wU8R+HLW+tdJhjS8t/Dy2dvqKTpmS4kkLThMfdPG1ScDjmvb9B1W38QaVZanZvM9ldxCeB3jZGaNh8pwe+MfnWp9lPyLsI74I/Hp/nqfWmB4zqvwr1TWrO++xWEOjW1zp0GiQWxkXelsZA1xPKRkF9oUAE5JGTS33wh1a3svElpp9hZrY6pqFlAizXAUtpsAXdvwpwSd2cjPz4zwMevS+XZvGZnWIynaCw2lmwfl55Y4H6e1Trnk7dpO0kkYwecZzzye9AHkOpfD7xZqF/eR3a6Y+mXmuRXt1PJct5txZxBTFEoK4QKw6dW5ra8F+AdR0XX7+71qKxv3bU57+O+a6kcsXJ2YgKgKyoQAWJxg4Aya9EVXjO9dwAO8FQV75x0PORikEO1dxxGuCRzj/APX0x2pAWI5AqA9M/wCefSn7hj2qPyxyQcqGK5HTcOvTgnkfnSMSDgUgJ1x6UMNvNRKx44p8m5gOaQDlUyd8Un+ryTjGMHNNViOKftO3rQBz/ibwmNf1DSdUt7w6fq2jtI0Fx9n88MkibZFKbhkEBfoVFVtF8Dr4b06x07TdUuLe1t4rgTYijdri4lLN5zOc7SrlmC9MHHQAVpeLPEdv4P8ACup6zeKXhsYTLtAPzHgKvAJGSQMgHGc4rgrX4qX9x4X0y8kXR7681fUI9N0yPTLmSa3LsfmaRmVSNoDEqFH3T6imgOw0HwhFYyG71G+k8QagYBb/AGq+gjUCLduKqiqB8zDcSRk4HNWtY8FaJ4ims31PT1vYbTd5NpKx+ygkgkmEHYx4/iU1n+BfEtx4gbX7O9EKajouotYXEkGfKlOxZFcbjkAqwG3sQetacPi3RLjXLjRk1K3j1aE7Hs5iElDYzwrY3j6GkwDxN4VsPFOinSr95YrHfG/lWkog+4wZVBHRQQDtGOgqHXvB+jeI5Im1G2knaCFrfzo5njkeJsFkZkI3KSBkH0qjq2s6ra/FLwzoiSwf2XqVjeTPF5REhkh2AfPngAuCa4W8+IuryQyeJIblm0xfE8egLpywoQ8IkEDS7iN3mGQlsZ24HTmmgPRtW8H6Jq01rNd6dG/2eMQxqm5E8sMGWNlUgMoIGFYED0rbMhmYnueteM6H461rU4fB/iea98y28Ra/Nph0pVQRQ2+6RIyp27vMHlBmyf4yOle0RxBduWznj/8AXSAcsZXntTixBBFWBGGXGeKFt/SgCJctz3p6MS3vUqx7evIpFVVYNtJx/d5/z+nr7EGhrLtHIz9OvPHFZ02qWkOpQ6W91At9cIzw2hkHmMg+82PQEj6cVwniL4i634e8XPpdtbWXjHfMv/Et0cSLqFkrdPN+9EQOu5imfSrWuW9vH8efAsgjWKWTRtS/ebRvI3w4XcOpByCQcflQB0h8W6MuvR6P/aMKam5AW3LY+dlLiPdjaJNvzBO4296ZZeONFm1waSt5m+8x4gDC4ieWNdzxrIQFMgXnaDkc1439lvb3w8+i5/4qm4+Iwu2h3YnEaXKyeZ04QW6jDHjBwKk8FadPdaX8PfDaFZPEGleLbrUdVRsB440ednmfnO2QSxjd3yKaEe/+TtY4HYf5Pv0P41Mig9RU+1GYlTnrz68n/ChgFwT60mBA0Z4xxTgu3OeuKsbVOMGhow3IoAqeTu61S1zWrHwzpkuo6lc/ZLGEjzZirEICQMnaCcc1pMpLYFUNeh1ObTJotHvYLC+bAFxPAZgi5GSEBGTj1OKaAZo+rWPiK1Eml6ha3sUi4S5t5BMu45wcKfmzxxxXko+IOvW/wZstWkmjfxBqWsHR4rlYAiws988Ak2dtsYJwc8gZzzXd+Bfhjo/gTUNR1WwSS71rUGzcX10FHnYIbbsjCoFJHRFz6saydP8AhKIfhqPCWq6lHcSR3jX0GoWtvs8mU3JuI32MTnEhwecYzSYHGa9401fQ/FWpeB49TurmKXWdKtYNUm2/aIba6jaSVdygAsBC6rxkbh3xXcfDW8uD4n8eeHrm4nu7bQtRhjs5LlzJIkctushiZmJJKtnqScEZq3/wrPT9Uj1SfU7yW712+v7fUZNWjRY5Ip4FVYdi7mCooU8MTuDMa3vD2gWfhyG9EMj3V5fXTXl7dzEGSeZgBuOAAFAUBQO2c0AaqwrmpeFxgZqEqTzmpkO0gCgB+wye1P8ALH407acdMVFlvWgBVkSGRXkby41O5mwSMDk9Oe1eR/DXVp/CvwUW4TQtS1DUIrq7H9lQ2cpmlZ7qRlBXaDt2uG3EYAr1xW29Tx79DUckhTLM+1FGdzNgD3Jx6E+lAHA+CdYurXSdTvP+ET1x7+a7imu5LmFILi8mkYK7Rox+SKJAo+booIHOSXeKPD8/jbxBp1vJ4ZNk+j6vBeRa9K8JBjjcHMJjYyHeBs2sMYLZPAru44VeMSIwdeMMpDA4GAQR2wKe6ttCnkYP3hnsTS6gZGh+Gzo+oXeoLq+r6k8wZvsV9eKYISTuwiBBsPGMnPGa8+0z4Tahd/Cm98KatJbWl42oTaha3FvN9oRH+1Ncwk4A4DMAwHOM9wK9Jt9a0+XWJNIjvoW1eKIXD2ayfvUjyBuYY4BJC5z3rOPjfQ2146Ml9uvGmMAzG4iaZRvMIfGxpADuKhs47ZGRYHKaz8JX8TXGu6vrVxbWniHUGsWtGs1dorI2j+ZB94KXJlLFsgYDDGeTXXeFfC40jWNb1y9uY7rWdYMInkgiMcKRwoUjijUknAyzHPO5zWbb/EDRL3WItLgmlEsk81nFP5BW2nniUtJGj5wzqMj3Kt6GurihKq3I+8eMc47Z98YP40AWhMpOAc04MH4/GoVjyucYp0UbDrUspCSTbXxjNc34i8GWuvalZamLu80zUreCS0F5Ysm6WCQgvGdwIwSqnpkY4IrpmiO4kcDH+f8AORWXqmrafpd9ZaddX1vbajfNstrZnAklOCflTOT0J7DjvTQmZ9n4Q0vTbWwsbTz4dJstPfTE00T/AOjPEwAJdepfAPPbc3c1X0XwXpvhe4spbZrqSSytmtbMXc/mfZoTtykfthEGWy2BjOKh8L+I9R1nxt4u0S8htYE0U2ptntmZmkWaJn+YtjkYAwBis34n/ECPwXdaPpMMka6trUjiGSSCSVLaCNQ0s7RoN0mMhQoxyQegILEdPqWl6Z4gurS41PT7fU57Ri8L3aCXYxxkgNkZ4HParmo2MOtWc1peRefbzoYniZ2UMpHK8EcY4qn4UuLbWtDsLyx1JdYtJ03JqACjzsnk4AUKASFAxwVIOTWVb/Ezw42sy6VcXraTqUcjRra6tE1o8pDlcx7wPMHT7uaCkT3nhLSbfw7FosWmQjSABGLJwWjAByoGckbSAQf4SBjFU10XTrbS5bCLS7NtObg2vkAxHLbicYxnd8315qt4q1LVIPix4PsI9Qkj0y8s78yWeFAMkKxEMWwHxhzwcD2NedeLvGGrx6L8SvFltqNzDJ4Q1cWdjYI2IWgjMQlDju0gkkznJXau3GaVhM9V0+1gs7OOCzt47azi4SO3jxGgzngAADJNXImkEpUqV/X8q8T1rxhqc3hj4g+NIru4t7vwvrKW1hZxyHyBbReSGR06M0nmOSWBIyuCK+go7ZZNrqMIeV/Hk/zFMaMW5t5GYkAnHpSKknmPlMcdxW+1v6037KGYknrSsxmA3mOsfAGOpqNFkDMSN6DuP0/XFb0lmoXYAMU1YPLGFAz2o5QObMFxJNvZdpHy8Y4J7DkdTihoXhJjK/LuOFI688kj8R+Vcz8atNiFv4OvjvRofFFhGW8wqu12YEFcgHnHUHpW9qHjLSNL16DRLmeVNTnKiONbSZ4ssxCguq7QPxHX6CjlAfJG8ylBgKSMKw46/wD66bqSPHtd5Dj5l3MwBI9FOQWz7fSuSm+Kn/CN+JrLw14q01bDVL6UQ20ulzreRyMeFJQETRgjOd0eB6+vC6X42urjUL7xtr+lQX2hTeIX0Wzk+1bm0qNZPJiZLdkCkl1O5gxY5wMDiizJPW7fzFGQgCEk/MByepA/AdPSnKrKyjGM8Z9MdPzz+leLXHxT0rXvjL4Mv18QLHaNLe2UWmneDEDGBHLMuOXkckgchU2992foOSzRlGB8oJ7/AIfj900xoyJFlVWBYsDx0qOP5VI2kN6mtn7Gq+341FLao/Q4oGYErTSShWJIzmqdwrtxnFdH9nVW9arPZruHy556etKwHMatpOnawtr/AGjY295LasslvJMuWhYHIMbDlPwIzWHH4L0iHXotVWObzIbp75bYz5t452GGlWMcB8FsdhuY4yc1pfErXLjQ7fQ7WwaOG81jU4dPiupI96wIyuzybe7BUIUHjcy54zWf4N1a98QTaxp96Y21HRtROnzSKmxJwQrRybc8ZRxnjGQccUwKeufD3TPEWg3Glaqy6nLNDLCNU1CCOW7i37juViMjbv4A96jsvh74f0pdNlg0mwjv9Pg8i1uRajdGVUhcqoG4c7sZAyx/GHwn42m8UeMtW06AafFpumytHJHI8qaiQDtWQxMoUKxyQwLccGuy+zr5kaMVMrDCJvBZyOCFB5YjjmgDg9H+HdvZ+JIvEWp6ve6trYiEBnYRwRBTn5fLjAB/4GWP9OfuvB2q3nhvxPavYNDdya9/bdjE0qOZlE8cuwYPBOw4z0LD0r0PxJrVp4V0db2/S4Nt5ywBoI/MZXdgq5PG0biM5/rVLVvEOnaBeRWd9dRwXM6GVY/KYgqCE3uRwi7sDLYB/GmB5r/Z95D46HjO6gmsdNXWGOJ4yjpC1iLfzmXkhfMG31wfTFdL8MIZ7LwXZpPHJGHnuZoY5PlPlPMzR/L/ALpH0BFdJ/akK6kdPF3btevGsptTMpmkTHUL16DvkdOaJmkkbcXZjjdljyc9D9cDH5UDW5JIwZgNuM1E8fl8g8GkcNwc80xySuDSKZDJCoYEKoIORtABz169qx7S+j1K41K3MMsD2N19lkEmCzEor7hjqCsgrVab5gpHcdTgde9cpatqdrrHiyWwtPOlkntpbcXm6GKbFsiOVcBucqBwKpCJ5dLsdZjurV1jkldlWY2simVZFGQNw5DLngH3HTiq2neFI9K1WG4t5VhsoYWjjtghLK5WFSdxPI2wr17sapahptpL4o1GCSQaVa6hYRu1xpdwI2UwSsZfMIH38yLhh1A5ra8OyXWoeH9NuL4k3clukkrbNm5mUNnHGM5zjHf2pgaS42jBB/nQ/wAw5pnKnHb6VJjK0xM+hsfNQy7/AGNSsm0ZqIsQ1QI4r4r64/hvwPqUtuFN9dILS0RzktNKwjQY7jLD8q4tYz8N/A+o2M1xpV7rOhWsaaSlhbB2SXyxErMSCN7yNtwSehPrXrmp6HpeuLEupafa36RtuRbqFZArdiAQefQ9RUFr4b0rS/MitNIsrGNnR3SK2jX5lOVdsdWB6Z55zQSzxS+8Y+J7HRfF9rqGvR/2jax2WmQm1hVPJvZgPMJbaRtUOCScgfN6Vqab4h1TUNWufDela4unW+izQ2EdxcSo9xOQiO7snLMWB2qAAMsSTxivYJNMs28wPYW255fOfdbpkycEM2Ry3HB7U7yYluDcCCEXRXYbjyl8wr/dLYyR7ZpCPGY/EXi+38H3fjAa5O9nc6iY9Ms5IE8tbaSURRzzSYGFUbnx1IABJ3CofEmp622neJNNh1ie50fUTa6NDql0yqv2mQsLiVGGPkVCM4BAPAPWva/tMNrbnzfLSIAL86jb6AYPHoPyq6JBHGYT8sWwR+Xxtx6Y6Y5/n60AeEpqWp+F7sWMGoarD4Y1G+hsrPUJlaR4oooGecphP43VUj+uab4V8VX0lrpK313rFpoGtaleyy3F0JDNDDCMQW4cglS5G4t1zkAjiveRI7crIVPbaduPpjp+FOWaTb/rGYKeozgEdKLgeHa5a3Wn+Jll0+11fWH8N6Hc6nYx3nmP5tzMx8pTzztQcAhmJbmoE0HWfEPhN5La61S61fWobfTTK0VxDHEzyBp5/nIO5AhB2gKpwMHdXup3MQQxOPXtT2uGb70jE9+TSuBzUGk2/gnw3di2fU9TZiskjq73Fy7sFQui5Ozgg8YHXjmvHG8MtHpuieG9Ssbma51LVi0lzarObi50+1LOshRQWVnZwhPoTX0FvAOB09qot4d06TXhrbW5fVVh+zrcGWQ/u8g7dpbbjIHbtQgOc+Gvhy48MyX0cmlT2Q1u+lv47eMjy7GIIipG/YOwXcQued2SMAV38cQZgc4GAT369qjtl+TbirO3d14+nFJgRsEH3eTmjFK0e1eBnmlVSw5oAZwrE0m4Y5pZFOTxiowpbjPFAEGrXuoWentNpdgmpXQIBhe4WD5Dw5DMMZAzwcZ/Q+d3Xwlmi8vVrVLWz1lfECa8unxufs6fuhE8e4DAZlLMxAIzgd8V6hHGVzg96VtwxgnPJGPYZJ69cDrTQHn+jfCm1mj1O41ue6/tLVdRfU7hNNv5rZVDAIkO5SvmKqIAM8ctx3qzr3wutvGGoxSeJrttX0+CUPZaXFD9nij2jAMkh/eOwH91gDXaBNrbM7NxwODkZ5H1rmLX4h6bJpfivUby2uNLs/Dkzw3bXAAZ9sYkJVR67lHPfFJgTah4Uu9U8faH4iju4UtNNs57NrYxOZZPNKZbI4UDy1GCOmazLX4VW8d8BJdq2iR6y2vLpYg+c3ed20yFsGMOQ2NuT64GKrXHxgtdFj1Fte0yTTZoNOj1WCBZUmaeCRvLRQeNsm8hdp/vDr0O54X8Wy6xruqaFqVgmm63p8EF20MUvmo0MoOxgxCkkMrqw2jBGOaaAq6L8LbHRb3TtlzcXOmaXe3F/puntGFEM02ckvn5gNzhe+GOegx2McQjbHU46+p705YS0hAUADB6VJ5ZLYAwOTx70mAhbpnmnJIN2McU/wAngetPW3796AIpJAvQUi5bDDjnIqSSM7sYp8cYG1SQMkDPX8hnmmgKtvZ29jHKltbRW6SuZJFhjCB2JyWbGMnI6mqU2j6fJqI1F9PtZL9V2LeNEplweMCTGQD0PNYetfFHTPC+oPbeJbO+8MwvN5FtfahDm0nbouJkyoLE8BsVV1KSdfjn4etTez/YbjQL2Q2pnJt/MWaJQ6qPlyFY5PPXjFIDqnghjupJzFGJ3jCNMEUSGMcAFupA54xjAqaOaVS4Gd7AF+CCw7EjGduOmexrwVdcvm0rTvG0csr+Irjxy2mOrSMVNsbh7f7PgcFdqqxGOqZ96b4JaaXTfhR4hQ7PEOua/dRajcN/rZoW+0eYjH+7GIY/l6LsHGW5aA+hYQ3OeoAHt7Y/M1MFzToYdqjv8oHuOuAf896lWOkwK8mVXOM0R52+lT7c8YpBGaAIGz35qOaPfGSI9/tjP8zV7y129Mmuf8c6bDqXhi4tpdGvNdDsuyy0+UwzFs8FZA6+Xj+9uH45xTQF7y5BuMaPI5+UKvDsw7fNwD9eK4NPipBN8N4PFp0yeFrq4Nna6a0g8yWdrlrZI89suM5AIAzWn8MvDPirw417c+JNca9spPmtNHD/AGuS0APQ3JVWkY424xjnOTiuS0/4aa3qPwX03SZdOk0/xBpesnVo7O7KoZjHevOEznHzoxAOcA4zR1As3nxUutLuL/Rbmxtx4rg1S10mK1WZ2tpmuF3RyKxCsEVQ7MMdUwMZFdP4J8TXWt3niHSb+KOPU9BvhZTyW5IhnDRrLHKgPI3I4yp5UgjmuT1L4T6r4i8Q6p4waBLPWjq+najY6ZcSLnybSJojHJIhKq0gkc57fKD0yO48EeEJ9F1DxPrN+I11LX9QW7lghl8xYI0iWKJN38TbVJJHHPGaYHRpDlaVbZnbPSrixj0qRVqQINuF2gc0zyWz7VaZe460YOKaAgNuCp6AgZya89+Mvw51XxxpNkmnNpdxb2cklxJpetQyeRfNs2qpdGyoAMnPQE5IIHHo+Gz1xWNr3g/TfEl5DcXiXjPEjRBba7lgR0Y5ZXVGAYHvkHjjpTA5nwj44s5vDfhT7J4Z1mC21DT7eWGCysGlgskckKjyYCjH4HABxzkc/D8StfsvGUXh1LbT/HaNMY5rvw+zRPYKe9xu3xDGegkB6cda9dhQWqxpEiwJGAqRxDaqKBgKAOMYAGPQVDZ6fbabaiCzt4bO1XnyoUCJknkkKOc0AcDGqR/tIRnYpaTwmzMMfM+LwenJO0nPXjvjivL9HsLqfwb4W8N7l/4S218dyXFxEx/eRBLqeSW4buFMLD5uN2QM9K+h20XTv7QbUf7PtTfAEG7+zqJlB6gttJ29eAemati1VbgziFROy7DIsYV3HXaT1bj+Ee3SgD5x8G6Lejwr8O/B2wr4j0PxZJeajbsRut4YZrl3lfB+7IsseGHXzPXNfSPkq7d8fz+tPEhK43bjgBjnqo+7n178dsUL6e+f5f4UAMaPa3FKFp+00bfWgCvdRCS1lj8xoS6MiyRsFZSQQGBIPIzkcHpXmHg34R6n8P8AXzPaX1hr1leMRe6hrMDLqwyDkmcbllw23CkLx6Yr1fp04pDGOAAB0A9ue3v/AFxQUjhvD3hXVbH4keLtau4IY9L1ZLNLeQXG6QeRGyEsuOAd2epIC9OeK154R8QX/iXwz4t3aaniHTbe5tLmw89/sslvK2793IULBl2Kx+XByRnOK6LxR420bwbNo41O58ibWL5LKxiVcvLK54yOvGRlumSBW7/EFY5CnIDHkc8n2oEeceF/gh4c0vQdOtdUsotYvrWWW5aaNpI1EsszTHYgZflBbChgTtU+vNrUvhXZeKNR+1+LL248TxrM01ppVyRFYW6g5UCFQN5APWTd1rvNhTajDacBQGX6dAcA8iuY0Hx1a6zqnimza0uNM/4R+ZIrl7wqqupiEm/AJ+UL60rMRFrng2fVfGnhzXk1CO2h0WOdBYtakmcTqqn5twAwEXAA6A8Vka98H7HWtQ1kNfzQaRrlxBe6ppsaKRczR7OVk6osmxN2R/CMEZOYdD+NVleXGky6hp76RpetWU1/pl7JMpE0ESh28xAMxuYz5gUk/LjpzT/C/wAVm17UvD8N3pf9m23iS0kvNGmE4Z5VQBsSp/A5jdWGCw+9yOhZSLWqfCXSNY1DU3+03FvpmqXMV3qOmQKpiuZY8bWJI3LnYmQD83lg+ue1+VuQuMnoOMdB/SlXDAd8dCeT1P8A9andeTyaBkbKPSm7afRmmBC67utQyLtU9qsluahcM0gCnAzQBzvirwrp/i2Cyj1I3Sx2lxHdwrDceUPNQ5RjjqAex4rYXfHAAssnTBbeSSMY+8K5H4iTeL7PTL3UPD15pOm2tjYvetJqMEk32llVmMR2sPLQBV+Y85ce1bfhPUrrxJ4Z0i/nsjZ3d3ZxTzW4BPluyBip44696AK2g+DND8Jxv/Y2l22nmT5pZI4/3khznLufmbnnk9QKyn+Huh/2pLeBLgqb5dUazW4/0c3Q6TGP+9nn0J5IJ5q/oXjbRvFVxNBpupWtxcwsUltVkHnxtnGDGdrDB9QCe3qOHl+L1pq/j+88PW2r2elQafcrYtcXSF5b272gtDFnCKqZwxOSTkLjGaYjtbzwzp+satpGo3UbPeaW8j20kbbQrSKVbjucE9enUYNabKOMdeh3ckVwfiT4jXVj8QvC/h/T7SOa0u9Ray1C8kBIRzbvMsMfcsAqsTjABUdSRXfIcoM4yRwP50hkJHrUTL2FWSBULKM+lICBsHjFQSrj6+tWWAB6VCyBuCKYHJeNvCf/AAlGnWSwypb3+nXsWoWkkgJTzUJ+U452srMpPYMT2rF8P+EdT8O3Go3pOnz6jrWqfatTLSsqQw+WI1WI4JYqqLknhstjGMV1firxFZeE9DuNTvi5hiKxhIl3PLI5CJGo9WZlH45PAqj4d8UW3iNr6IRSWd7YzfZbq1uGTfCxAYZZWYEMrZypx06UnsBy9z4f1nxN4q0nVNW0630efSUu4I7y2uPPluFkTYqx5X5UX/WENkbgOOay/FHgfVW0m3s1Fz4wv/ObydSv7pLCSwG0AMskKBjkjOB1rrY/Hmj3etPpqTz+e1y1j5zQMsDzqpLxB84LjDZH+yfStp1Ddhn0x09v0pIDx7xlpGu6V8GdQtfEWrR+INU3QlZ7W2ILbZ42VSoJLkbc7iBnHIrN+JRgtdT8V3t06iw1fwkYbSZmwjzI8xKAH+IGWJgvUn6DHtUj+Tl/M8oKRmQsFCjPOSSMDFU5o0nVVliWaNXDqJEDrnrwD0IwTnr0PYYtAfPNvDfafouszajHIniKHxDpMieYxEpWSK2jKA90w0owp7H0Ne5TRLIx7hvmDAYyD3A7ZovNBsr6+gvriyil1C3xsuJE3OpBJBP0zxnOMnHWrLYVc+3BH5UhozWtFznJNQSW6k8DFX5c1Wk468UhmbcWu84yoJ43NnA+tY0GsWF/qV5p9vexz31iQLi2DfPDznkY7cdCea6F8bhjdnP8IyfXGO+en41wl9rWky+N3ENzbm80OzmjltLXa88skxVyqRKd7BVTJAB5aqQi3qnhTTdSt9QV4DavfgLcXVl+7lkwQQS3QnIHB4OOau6fDLZ28VvPeTahMgO+6uSvmvzxu2gDjnpWHfeKILG+m1XzLibTxocl81m6FWJiY/wMoKkgjIbng1p+Hb2TVdFtbySa3lklB3fZd3lqwYhkG7kFeAc0wRo4D5+tLjbQqlSaft3cNyKqIPc+h8dc1E8Z6gbvb8KtCP16UbR0xwRUCOB+J2uajpUWhaPpMv2bUdf1BdPivCu7yE2lpHA7ttUhf9ojtVXxT4V0fwdo51+BbhZ9FiluS0t7Juu8RkYkJJBOTnpjPA6YrsfE3hXT/F1vbw6jHKfss63VvPbyGKW3lXo6MCMHk+3PSsu++HOjapo91p+otealBdBUllurotKyqwYKGXGBkDgYoJZwsnjPWPD80VuiW66bpOiHWdU+1yyTS+bLuKQGTHGCDj2WtTSfiF4jum0S2vvDtnYajrUSzWsLXDOIY1TfPJMcDGwMigDqxxXTzfDbw7dXWpTyWbSyaiIVuQ07sGWIAIvXpwM/r1NX9a8KaZ4iuLee+ti9xbq6RTRyvG4V8blypBwcDP0oEeTat4kv/iha+G9IhtLGO8fVri4nkYsbc29k5zL13bWfauM8c8nNXbP4x3t/4ekuBFY6fe2tlJf39xMGNukYkdYdi5BzMVyueAK9Em8C6FM1uW02NGgtvsaeVI8f7nO4oQpGRnnnPNR6x8N/Cuv3Dy6h4es7iWS2WzJO4L5Kk7U2ggADJxxxnApAct4f8aeIPFNq1rYnTbDVrLTre61Ca6UtCJ51LRwKobsBhmycHGBzWTffETV7PxFr13Hdpfp9utfD2mWMUJKC5ZQ00zBeSFORgkcoRkZNenL4P0JtWXUn0i1N8kaRLKFI+VPugjODj1IzTJvBPh2ezubOXQbB7W6uftc0TQLtebOfMPH3uvPufWoYHAjxZ41bVNC0u2ubB77UdRuCY2t0cxWUaAlpdrkA78DCsfvYJzXTeLrvWdD8ByJDqNrdeKPJHluypb/aGXDSGNGJGSobGfTHcV1Nlo9hZtG1tYWlr5MXkR+TCq7I852DA4XIzjpmpbzR7HUVjW8tLa6SM5QXESuEPqN3Q+9AHjLeLtRuLnQvL8VyWWmNo82t6lPJaQrceTIwFvEiMv8ArBhugwcDg16P8PL7Ubzwxp8GvTxv4jjto5b+BdoeFnLFQ6L9wlQOPUN6cyaH4BtdL8R6rrd28Oo3t+8TQmSyVTaRxKVRI2yeBnsB611KRRo0jrGivJjeyqAWwMDJHXA9aaAZGu1hU+3dxTljDLnvTlUqeKTAcB8uKj8v04qXB60m0sKaAiePcuCaYsAQ5HNWfLNL5eeg5pgR+UNvpVPWLeOTSb1JrOTUoWhcPZwn95OuOUTkcke9aQTPBpGTauQKAPMvh/4M8UaXrTXd3qE2meGGjKweG7u5+3zrkABjNjEQHXaGfpyexxz4E1LxV4V+K+kGym0uXX9RmmsZLuNYo5lMUKo+c/dLIcn34r1yZsdQOACd3Tj1/M8ms/S/FGk6pY3l9Z6raXNnZSSRXN1HKuyNkGXG4EjgZz37UEnkni/4Y658TJL/AFV7NtKvLbQ7TTrOyu5F3TzxzpcsTgkqhMaqpPOTnIxXfeE/Dt43jrxD4t1C3bT21K1tbK2sZJI3dY4t7O7FCV+Z5DjBP3ecE1pW/wAQfDt9pd/frqcf2XT0V7ppcxGMEblIRhuww+6QOTxV3w74k0/xRFctZu4mt5BHcQzwvBNExRSu6NwGUFSCOoOTQNGsp3fSn9uOlMP7lSPvU5GDLj7pPIqWMDT0zimu6RoWY4AH60sMu9AQODQBNtG3PekHy5I4PueKVVPWnBSvI3ZHPGePfimgOch+HehrrUut3VtJq2qs5eC41KT7QLVScqsCH5YwB3ABouvB9tdeNbPxRJeXX2+1tZLOOKORPJMcjKz7sruyWVSeecVq6Zr2maxPcx6bqFreyWrmOaO2lV3icEghwDweMY64BPrXOt4o1Nfi1Z+GT9nOlXGiyagHTeZvMWZE2sc7dvLY4z+VMCxZ+A9Gt9eOpxwTef8AamvUtml/0dLpl2vMsZ43EdD0BJIAJzVnS/A+h6VrM2p2tjsuneZ0DOzRwtKcytGhO1CxHJUCvO7X4rautvo3iZhCfDmreIJdCTTxDgpGrSxrcCTqWMkR+XptIo8I/ErWdSb4e69c3Il0zxld3Nr/AGaI0C2sex3gdGC7mYLEd+4kZcY6GgD2XBOT1JJJ/GjbRGMDHJIAznH60/igBFX0pGUhqeMdqdgEZoAiUGl27ecZPb2p6rmsTxrfyaX4au7yLXLHw68BV/t2pRiSADP3WBZfvdODnnigDUmZYo3lZ1jVF3NI/RVUE5J/OslPF2iTeF31+LUYH0REdvtaNujIVirAcDkvlQOpOKxfhV4y13xs92+seHlsbGFv9H1WMultfDkNtimVZFXjOWBB9TXlmnWsl1+zj4PuYszWFh4it7q+Cjcq2qanIX3DP3RuRj7DPagD2BviNoP9j3mqNdyCG1uRbSQyQutwtwxULEInCsXcsMAgZJzyM1o+HfE1h4otLmSydxJZ3D2l1bzRmOWCZesbqTwQMH0IYYrwrxJo2oal8S9Y8X2hNz4Ys/FejyTyRfvEmWG2Mckwx95Ukljy2DkqSemR6V8LtPmm8RfEHxAuf7N1rWVexY5xNHFAkbSrn+EuGAJ/u9TQB6Kn3aWkUYWnLzQAlKuaX6cUq9ORxQA1l3DpmmqhxwDn6Z/Sn7hTGYYIPT3OB7ZNAHL6x8S/Dvh3WjpWsXU2jTEjy7i+tpYrSbPTZNt2H05IrK+IGs3tpr/w9fTdUkg0+/1tbW6ghKNHcxNbTSAF8ZxlR9049a0fEXw/tPF2pTf8JBfXeqaQ+0x+H8CGyDL1Mirhp8nB+ZscdKPEHgeLxBN4Wa3vf7It/D14t7bW8FqCjMsbR7ACQETY54AzkA0AefeOtc1TUb74qzw6ld6dJ4M0u2m0w2srIiTm3a5aWQA4fOFQhsjaG45Nczf+Kr/xp4Q+KHiq4ll0/UfDGn2MulJbyNGtlILVLpnwCMh5Hwc5yFxXr/iP4Z6V4o1HVLl7u6tE1W1itNVt7WQLHfRR8AMWUlTsJXKnkMQc9rWtfDfQtbv7u7nSeCO9WFb2yt5FSC8SI5iWQYydowPk25HByOKLgdBptw17p9ldSp5c09vHK6AfdLqHI+uWIP0q2qnrUZlHJ2gdztIx7AenFLDdrKvy8Z96AJWb0pM+vNRo453evrSNcJH8xYAfWgCdlA5qNm3YHv7f561Gb6LbncDn0qBrtftCoCckdR1/D0oA8E+MWk+OJtf07V10XS75I/Eunpp9x9vctHAsh8pGQRZQMx3yMG64HQLj1TUI/E0z6smq2+mXPhloJSttpBuW1OYfw4IKhWzu+76DtmunTUIt2PMy7KG+vv75I6+tNe5V925idoZiu7k8cn64H86Lgeb/AA58O+OLHXnuJ7+70vwftYR6Lrc6XuodyCZF/wBTg87WaQ/TpUOi+HZ9T8UfF6xmtbiyt9aEcVrdzWzpA6mx8hmVyuDhjj3x7mvRo9atry3863nWdBghlwwyTntkA8dP0p80nlhCXYngg7un+TRcDw6P4Xax440fwLoGpWNzokPhvRry0vrqaNfLad7QWiiA7sSKQC+5cjBAPPB1fCXgvW7rVvhymp6bJpqeDrG4iuLhmUx3NwYlgQQkEllKhnJ4xkDvXp134isLPULSynu4Yrq+LLbwSSASOVBZtq45wAT+FZWt+MNK0PV7KDUdRgtbudlkWGRyGIZtoZhztUnCqWPJB9BQUjrApAI9MAn8OP50hIAPNczq/wAQND8N3kNjqGoxwXMiKwQqSVXO1WbHCKW43MfWtKe48xZNpyq/xfiR+XBouM0GYcY6UjMPWqEcoXAY8dqUSsZPVaLgWmZR7dqa33cAZJ//AF+tZ91NumRc4GazvFfi7TvCnh/UNT1CSRbW1iLN5YyzMSFRVHcsxVR9aAMP4jab4m1+aytNHg0W40cYmvIdSu5omunByiMEiPyDuuQWwATjIMjeCV1xtM1TxPNN/bFsELrpl/cQWi4fcqiMsA2Ce6njj0p3hPxdHql9qOkXlhNpGvWMUc09lPIHMkTg7ZVccOuQy+xXFZHjD4qWeh3WtW8NhPfW2ixQzavdwMFFor4K4UjLnbljjoAT2xTAqap8IR441631fxdqw1B7OVns7bS7f7JHCuTjzJsGaTryA4UjOfSs7WPhFfXVn4i0CB7N9B17WY9Za8mlzc2kgkSSRFTad5JjAU7gcO3pXU6h46it9ctNH0qD+19UmtvtZigcRpDASQJJJDwqscYGCWz2ANb8d3LJEnnKo8xcsoXIHcgj0BA/DntQSeYeIP2frS61bQrnSNU1e2jtdYbULuOXU5SoVhIZCi7Thy7rnGOC2a9Z6KTjAPQZz04znjr34rk9B8djxP5l1YWMk2irI0SatIwVJ3VsHy15Z1ByN/GQOOtVdJ+KWna5421fwvZxTPd6WkbXMxX91uYspRGHDFShBI4ycdqQ0dh5g59aidqozXjKrlcArxmplmEi43fMVzigY5plztB5qNzgg54qpFbs0j7jh6XeVmdH6DpQByHxb8O3fiLwaI9PiNxeWOoWuppbqMtKIZVdlHvtBx7iua0C9js/HHjHxVcxXcGjapJp1havJayK80iRlThGXdgM6rnGODzgV6dfyLHbs5YKqqWLMwUDHPU9OnWq2m6tBqViLqC5iuIeQ0kTh0yOSCwPb+dAHhDW9xpfxYXUsJ9mfXngPhuR2XypGiwupRgnJDjezZG0K56muz8QeKtZ0/w9Ne6r9m8BNayxiG4vLmPUIbvKsfLYIFZSeDgZau9mmjSYDCiRf4gBkdOmDnBGM8c8560xp4ldcFd6NkNj7p9QeoNFwPKNc8RXvjz4N+L5dU8O3OkTR2FwY/tMTLHOVjLLNGHCtt4yMqO3Wl1q3PiPxd4V0maSddPk0K4vEWGRkZrgGFFcEEZKKzEZ/vGvQNYhtNasp9OvI/PtLtGjmiV2Tep6jKkEZ9qy9S8H6bf6bYWqSXFiLIMlrcW8372FGXY67mzkFTjn2IwRmi4HjGj/ABK17XPDeqa/JfyRzaHounXq26ECKdnUtKZOOrKuPbjGMmvcFlFxGrgbS4DkfXn/AArktc+FOkzWK2VlLLpFhJYx6bdW0MfnefaxHKKWJ+VsZG854J9sdiqoEHljC4+UA5wuBgZ79KY0U7xj5fHUVmzSEKO5rUkCvkGqcloCfQdiO1AzNklWFd0kiom4rulIC57dSM1FNHatdRTyW8LXkQISdol8yP1AbGR17HofpXJ/GCwnbR9NaytF1DUo7phbWcwBimzDLvDEkYOzeVI53BQOtJpfjDSLbw/bmHUf7SktrWGWVUOZ/KZUHnNHglV6ZHJHNNEs2dc8NQa5M0s9xNGrWE1hJGMFDHJgsw75G0H86g8M6NPo634u5LeSe5uvOK2uRGoEaICAe7FSx9zTrjXFgv8ARkg8ueHUZHSG5EwUKfLZ1OMfMpCH071DpfirTdWt2uLS52xbxErXS+UWYn5MAnlWxwfTPpTA3OORjnNNP3qarEknHOTn256U6mhn0hzjmom+ZgM45qxt9ajaMbu2PTPX1H5VAjh/i14qvvBvh+z1C0draza+jhv9QFuJzZW5J3ShMHPOB043Zrc8KrqDafLNqOrRawssxe0uoYwgMBVdu4rgZzu6VT8ReHdev9RvmtdTsY9NvbJLF7O8tXk25yHkG1huOCOOnU1Z8HeFn8G6NZaRDeLPpVlapbW0ZiKybl3FyzZwwJIwO1MlmN45+L3h/wAA6lNY6p9u8+Cz+3HyLUuBFvK5zn6dewNPsfivoF9b6pcRm8hjsJorcia32maWRcpHGM5ZjxkDGN4qHXvg/ZeJtW1W7v715f7SubUzQ+UH/wBGg+YW3+6z5Jz1xz2quvwZ8qZbyHxBcw3y61NrImNqjL8yFFjwf7ingtnGBigRHffGXTNNs7q4udJ1SB7bVU0mSB1i3idwCFUb/m25AIHP86sXHxMPmSR2mh6nPfwRG4urB4RHPbR72C7huxlwpKKCTjJPsnhn4Q2fhhNG3are6w+l31xqcX2hETzZ5c5kkC8llDNz16egq/b/AA9Fl4x1HWLTVby3j1J4pbmzUJiRkXaCHIyAwzkZ559TlAUI/itaXXiGHSrCxutQL3wsGeMqGSTAL/L1ZUz8zcAHjnNUdN+NVtfabNfHSrnyBcfYrdY5FkmuLkymMQiMDKOcZw2flOe1XtK+EtroFtrFvY6zqkMF9JJOscTxRmF5CSSXC7nwScBiQBxjHFMl+EWmTQl/tl7Bqjakurf2jC8aSC5VAgO3bt+6D271DJGap8Ubjw7JDa6tpcdnql5cSQ2dt9qVo5AqBnk8zH3FJ28KSSCACaydY+N2paHDEZPDjJdDSJtYnjmuCv2eNX2pu+TK7+ozzyAQOa6u++G9prWo6XqDahqtpqFiJI1vLe4HnSRyEMUJPAGVzgAY7YqXVvhjour2eqwSpMz6msENxMtwwYxwsWRVJBIGck+ppoaKVv8AES+m8UaNoa6RBaXWpWMN832q4K5ycTqjbcO0S8kHk5+tejpHwSOR7f5+tct4d+HOj6NqVvqEIvJbm2aWSH7TdNKkTSKFdlyM5ZRg5J6116r9SfU8mmMg27Gzj2qbaPrSlODRGp24oASpEj7nmk2lRz1oVj60APwPShVVTnNJ8x701YyrZoAk4rM8SXS2fh/UpzqUejCOBnOoSxh1t8DO8qSAcehNaORyCccVEVDRyFlVkCksXUFQvcnJ/wA5oA8w8D+MvE/iO/nivNLS60SEBrfxJBDLZx3TBhwsMvzHI53qSv51wOqfadT+Dvxct9M/0gjxBesUt8sTAJ4dwIAzgoGzjggcV9E3cIuNxl4PGckAcc4P0z+npWfp2jadDCstjHBDDMAfMtQu18ZVTvTAJ5PIzjOD1oJZ89fEi1ufFni3XNc0Zvtvh/T4dDivJbdS0cgjuzNKABw4SIqT6DjHBr034e79V+I3xA8Q2r+ZpN4bG1trhDlLh4YSJHXgZALAZx2713On3mlT3U9jZXFnLdQKFmtInR3jDZ+VowRgE9ueuTwDUGi65omq3V5ZaTqljfXNmQk0NtcLI8R/2gp47j04GKBouszSRvIThR2pUjkeaFxhlC881PFb84YqU7L6VbWIKCQMZ61LGULwSyQuoC5J6+nvV21ZHjCxtvCgDOKesY9KfHGE4UBfoKAFAK0owxCscAkc4BPXPHI549acV+WmjKqfcY64poDzrVfhD/wmXi6DX/EtzaRGzujLaQ6DEYJmGcjz7oqJX7kqoUfWtiTwrqa/Faz8SpLZixh0aTTTC0rCdmeVZS4G3GAUxgn+Loeh654yuSdwz93quRjoM+nNYEPi21m8dP4SW2uxepYf2iZWi2wsm8KdjZ+Zs4/I0wOT034Prp9zpdg95DJ4X0jWZ9cs7YRMJ2kkZ2WORjhdqGV8HqSq5AAxVvwj8IovDVz4ehfUVvtJ8ONNJpFp9n8uRPNyF819xDbFZgMAfeJPNT6f8VtNutYslFrPHpN/qE2l2OsZHl3F3Fkum0DcFYq6hjnOxvqI/DfxWt/EGpaGh0822ka+88Wj37TKzXJiznegHyBlVmXlsquSQaAO/VSvBxkALn+8R1Oe/akb73FNWQ7V/h4wB/P6dqevrQAqrTj04p2BS4FICNQehpZbWC5ULPBDcIrBws0YcBh0OCOtPbFZ+u6pPo+lyXkGlXmsPGRm1sNhmK55Kq7KGwOwOaEBekAkOJFWRTgEPyMen6Y/GobXT7fTV+z2dnb2sfINtDEsS8j5sqABg/NnseQetYfhPx9oHj67vNO02/mi1C12i8sLiJ4Lu1DHgsjKCPqOM4wa8esfEWqN+z14SR766km1bW4dIuLySdjMYJNQkV/nzkEouzOf4qLMk9+RRBDGiYihjTChV2Kq8/dAOOu7OD+VTKxkUMTuDDcMHIH04HB9vfJzXzd4m1K70j4iap4JtfMj8LTeKtFge2ZmCxpPbvLNAOchXeKMlc87h616T8J92n+KPiRpVunk6RY61ELOFQAkO+2jeREH8I3Ekr/CTimNHpOw9qUbU6inRtmkZQ3UZoGV7xh5WRxyKk3BFweOabcQiRAMd808RiTBakBi+I/FFn4W0e+1W/fyrK0UFioyzEkBUUd2ZiFA9SKzdB8bReIL3UNNFtcWOr2Dotzp90FEqq6b0f5GYFWAIBBOCpyBWR8b/DN5r3w7uk0+J7q5tb6z1FraIbnmjguI5HRV7narED2rLs5LmP4jeMvHcWnahd6TcWVhpVqtvayGe6dGcvIsbKGZUaVUJI4CtQiS3rnxaj03VtWsY9OFxaabfWum3siXCrMJpghQpFglgPMXceO5HANdrNqEWl2iy3UscMSDDTSOEReB/EexJ4+lePeOPhvqWr/Ey98RWtheWfiiz1OzTSL63hH2S4sVVFl89+V3DfKMnDr8oUV6XfeGdWX+2JTqTeJ7a5iaO38P6hbwQWhDOpVS5Qs6gA/ez7gHBpjRqRzm4mlliCsWOVYEAcjj5s9D6iuIX4uXun+DPHmvazp8EU/he6vIDb2crHzDEibclsHlmHIHerHw4+EcngjWLvVZtU8h71SjaFo4ePTITkcIjsxdvf5RjOFqppvwwvtc8J/EfQddhGnxeJ9Qu7q3khmErIsqqEbAHykMmdvPGaBHK+KvjHq/wy+0jX0tNUuZPD763aSW0bRp5iusTQOCdzKJJY8OCCR9a6bwn4k1fTfiCPCOrXSanJNo6avHdLAImiYSeVLEQAAV3YZTjOCcnpSa18E3+IS3zeKFtYJG0D+w7ddOdnCMXEr3JyqnJdI9qYPypjvXS+GfBN/Y+KZvEuvzWk+rf2ZHpNutiHESxCQySSZcAlnfaSMfLtA5zQNG35rZcMDu3YHGaSW3xJKNpYFcrxWrsGAMdqkHzJg84pDOefzI4y3l7ESNmLMcAYHX8PwrjtB+J/8Awm2pwDwppsuq6ZFIY7zW5mEFmgBAfy8/PKRg8BQPfjn0/hWznb3Fc3N8PPDc2tQaxHpa2GqwuJPtmns1uz4OcSeWVDjP98HNCA4nQbFrf45+K41MiJ/YthP5LTO6IzyTjKKScA7V6YHHSq/xmTWdS1Lwh4Q054oIdduriS+aWV0WaG3jD+QSvO1nxkDkhDXoln4N0+x8ZXXieOW8fU7q3S1kjedTCI1LMq7QOMF2Off6VB/wr/RbjT4LKWO4lFtdvfW90bmTz4Z2JJaOTduUYZhgHGDjGKYHnvhP4lPFoLxX3hjUUu7C/udNltvD+nvc2yPAyqzrjGxGyCAcn7xPTFN8bfEzWfB3iJbJYtN8VNcyCSLRdMLpq0EbHA3R/Mrbcj5jtr1vSdFs/Dunx2WmwfZ7WMlgoYszMSWZ3JJLOWOSzEk0tvp1pp7XD2VrBZy3UrT3DW8ao88h6s5A+Y+5zUgeS+Orcf8ACefCy8kgWG6k1e4X99gSIpspWCFunXOeTz29OS8ZQvFc/HhtSZTJcaTamzLDmSL7IyxiM5zkTEgEA/Pt9c17pq3h/RdVvrO41DTLe5mszm2kmQFoPdPQ/SrF5penapqFtdX+m2t1eWxHk3E0KyPF3GxiuRj07U7gfNqWGoaV4a+MWn+Ii/8Aa95oVgYY5h806/YtipGOrHzg/wB3+MivoPwvotza+F9Itr1t11HZQpcHduJkEa7gW9M9PxrXu9NtL24gubqzt57mEkxTzRq7x5O75WIyvPPHerDSBmyWyf73U0mUio2nJwM9Kb9hX1NSyXK5OOcUfaPlzjt0pDKb6ajSBt+CO9cd8aPBt14x+Geq6XpkfnahvguooV+9MYZklMY9SwQge+K6/wC3Ft2RtXPPHPXtT3m/eLGSq7iVC5BJIwcdRuxxyKYHk1pBO3xD8ReO207UhplnoMGnx25tWSe5lWRpXCRMAWChlUe5PvWJ4w8K6vaTfFGzh0u8vT4ytIW04xwl0WVoBA8UzD/VhMB/mOMdDnr7hcXBj2snDg/wcgdsD6cZGD3qIXhGVJCMPk+Uk89MD0xnHfg+2KpAfOOsfB650S58ZLLaalqerX2lWSeH9TsfOOyeCARhNyfLGfMUMxfHysetek6j4L8a6hpF3ZSeKdP+zzabJaGP7ARKJ2gKMTOGKj94c5x0xXeS3iyMwynmbc7Aw4HT1zzjngfjUdvqWdryhRIOV9ueg9B7UmI+f/Dfw31qz/4Re28Lw6h4U1Kz0Wex1iTUIpvskcwREhYAkq7B95BjJAGOg4rU8B+CfFfhn4wXEl9DpjaINDtoDdafbzKj7ZJcKjOxzLklnJ+9vU9c17g10ikKr/OvRV7f5/Oobq6+8it83HyKcnPpwePxzwO1IZS/sn5SDISpwWHXB54z3qf7KiAYHA71YaQMpcfdyeAeOvT8OKox3xkkYbcAUAQyWzrJuDYHeo3t/NkLdQRV92AUnpUDTLxjGOtNAZ+paVBqFo8FzCtxbONskL9GHXH6f/WrzP4a6bNpPizxxpFzpcWmXUlzFqEcOmvutPKlQqoiBC7WHlszLgckYr07VLO11jT7qyvIlntbhNksbMy7hkHqpBByByKwT4J0K30W/wBLgsWitb4A3TLPKZpcYwWmLb+Ox3cdqYHA+NPA9sfG2j3ekPcf8JRe6kt69wLl322SZ81WGdvllQFUYyWI64zWtL400yWS+h0uRfEeo2Df6Rp2mzxG4jG4ByVLdVJxt65HFXdV+FOj6jrl5rLajrkF3dGPzkh1d1imCcKpXPQegra17R4dXsbmCS6udPWVhuutPl8ib7wOBIORk9cYPvQBx9v4qs/FWlahLod6Ib62icNHNEVntZNrFRLGygqeOhGOOM1z+meOtTvPDvw8js5IhrXiOMNLcTRM8aqtv5sjBFI+YnAA6DPSu407wTofhuz1CDRbKCzu7xXWS6ldpppWKkAyysS7nJzgmuXsfh7eaNoPg+COezvdV8LyHySS0MV0hjMTIchipK4OcHp70AYUfxen1SGFLbR4pb+zsri/1RTKwEKwSmJxEQrF2LBiPQD3r0G21KC+0+2u7Rt9tdRLPG3YoyqykdOuT2rze3+GOseFYTf2lqurajfWOoWt7b28qpiS4madCjOQCis5U9CVPT07zwnobeH/AAro+lSSLO1jZw25lT7rlECkj2yPWmA9pepIzzUTXe04IwKtS2e4nBwM1Tms2VuOaQ0VNTsbTVLbyLoM8auJUZWKvG46MrAggjJ6HvWZd6FbLo8enWcs2kCGFbeK7tCqzJGMZAZwxOQOSeT3NTeJrubR/DWsX8Q/f2llPcR+m5Y2P9PzxXMeDNSu/tN5pFxcy3ckFrbXizzcsUliJccDoGVyPwqkJj4/B9r4etdBttGt7h7Wz1Q3E7SXG+TY8bozZdufv52jj0Fed3Gh3FrcWkVxHttdNsfsVxMyERCYRXoRgSMcArg543rivSvBviSXxTpKajJb29qrSvGnk3BlYIOocbQY3UHBXrnpWoJrLxJayBRFfWTl4ZBIg2lkcxsCG9xQA3SppbrS7G4myJZraKRhtxglATk/UnpVuhVCuUCKoX5NqjAXHbHb6U5gB0qkB9KNg0Bscnp3pgP40Bsnkcd/WoA5bx54mufCP9ix2mmQ6nd6rfrp0VvJP5I3EMd2QrcAAk8dBT/A/jL/AIS5dZgnshY3uk3f2O5VJRLE7bA4ZJB94YO3oCCDmsTWvCt14x+KlhPrOkyv4b0mxmW2eSdAJLuQqGYhG3cJuGenPrXWafYro1wNNsdGjsdJWFpFuItqp5hxlQo5JIyST1280yWS6lremaPIq6hqNpYGRGZftUwjyByTyeQM/WoIvFmgyLPJHrWnTeTClzMftCbY4z0ZzngHpn3rhPip8MNV8ea7dXdvBbtHbaY9jp/2h12ie4cLPKwI5EcY4HTJFY0nwY1rTdJ8Xado1taRW2o21jpNhLLcgSPZRgCVn4+8wLcHkYGMUhHoVv8AETRY9Ptm1LWNN06+khS5Nq16JNqSNtjO4dc5XGB/Fira+NdCj1qPSTqlsNRkm8lbYNl2fGSOO4AzjsM5rCsfh/IfEWv61eRWjX81pDYaRDu81LKGOP5f4TgmQ5B6/KDmua8P/DXxlbXWjXF5NpFsdL0e5hgVLh5ZhfyjD3DHbyWIOeoGcY6YQGv4F+K9n4jvtXs9R1GyFxHqF2ljDbwupe3hwGbcQQ53BumeAeKJ/G1/qUnhL+yL20Ka3qUxV7dHkD2ESszSDcoIOFXoOrgVEvwo1MeG7K2jmsbG80bSpLHSkRnkjE8q7ZLmRgo+9kkAf3zmpbT4V67pdzBJaajpsSWPhs6LYIY3IimOC0gz0UkJzgkkDjk0AaNn8TNHj0y3v7y/hmjv5bh7L7FbzM7QRHDM0ZTeSCpyRxkr6136LuCv825kVvmzkAjjrzzz9K8ssfhHqcKeEra61GxFp4ee2e3urMSJOojUedGFK4YSYAO489cZ5HrKDcATn09s4Gf8+9ADY/3eMDgDHSnibDYxUm0DtUe0ZzjmkBJu3L0oWTHahfu46U5eeDQgHcP1NGwDoaRcK3WpPpVAR5KmnUH7tIKAGSKGavPv2gEST4N+KGbcphtg8bIzKQ+9VBypB/i6dK9EIDdKzPEXhfTvFujzaXqsElxYTEeZDHK0e7ByASpBxnnr2FIk83+J82va9480Dwfpy2i2Mun3GsXcF8WWG7aJlWKKQJyV3srsOnAyCBWn4F+KQ8T6H4cmbw1qls+oxKWaxtCbO2JkZM+bgBEyCQcY2kH1rr9W8K6Tri2a3lm0z2e7yJvOdJU3LtYeYrBiCOCCcGtKzsoLG3ht7aNLe2hjESQRDaiqBtAAHoOKBHli+HYtH+N2nKui6fBpGp6FeW8Nzp7FJRtZHlNwQmG6gA5OM8ltwxe8H2fhzWPiMutaHJp1rb2unPpFnb2W1DeFZFeSYqv8C7VVSeSdx5DAntdK8FeH9Cs7m303RLO1huI/JmCpkvH/AHCTzt/2elM0PwboHhm5km0nQdM0q4K7Hls7KOJ8cfLvVemFHHsKCkbqoNvAyODux19/x/pS0m7K8Zxk9AWAB6U7jsc56Y6YoGEdOPB4pyIBSNxzQA6hch0K4BDA5boOep5H601WLcY57f57UsMscxOwiTacZUgnP4E4P0NAHkVno/jGbxZ9p8KXGp6R4eNy73KeK38+OdSfnFvEf3wBwcZdV56EVtQRyt8fmuvs90LCPw4LP7Y0D+Ssv2gOYw+NmQmGIDDrxmu/jv7W8mnhiure4mhOJ4opEdoyem8A8E+mO1Ss7cFXcf7rEYzQB4NoPwy1efSfCHhC7tZrFfD+u3F/d6hKoEckG64a3MbEjeX89TtGdoDZx0Oj4H+HmsQ2fwy03UrBrS28ERXBluy6mO6k8toYVhIOdu1y54GOBXreqa1ZaDpdzeahdw2FjAjPLNPJsjQDkk8e1U9U8TabpOm22oXd0TDdFfs5hieWW4ZlLgKiKzMcDdwp4yfegDQRfqfX0zgf/Wqyg4rmbj4gaHb2Gn3kVy9/Dfqz2kenwPcSTBFLNtjXLYUABifu98HArd0nVbTXdKs9SsJ1urC8iWaCePhXU9xnk/pg5FBJcXk0MecUuKRuh+lSxobu+WqGuaWNc0uSzbUL7TkkI3zafKIpSo6qGxkAj0wfesD4ifEKDwJDpkIgtrvVdTneC0tLq9SzRyikuzSuCAF4wACSWAqlq3xC1W11KPRtP0i3fxDDpJ1m/tZrsiOCPdtWJWC5Z2YMBkAYWmhnS6H4V0vwrZm20Oxh0qNvnaSFQ0jn+FnkbJkIyeXzyax9L+GGi6b4H/4RR2udQ0gMXQ3DKJlfzTKCrIF2kSHcDWn4W8WWHizwppviGzbbp9/ZrfRmTjZGV3HI9RzkcdBU+h+KtK8WWou9I1S11WAgHzLaZXZfr8xKnPqPbvVAU4vAOivpN7ZXML3yXl0t9c3U0xaeW4Xbtl8xcFSuxQoXGB0xzWppOhWHh+x+yWEDRI0jzuzOWMsjHLO7ElmJ9Sc8CuW0fxhff8Jn4+tNTMU+m6DbWt7brbRFZDHLHLK+4seTiL6cdK4JfjNrfh3R/CHiTV5I7+w8TabfX76ekCoLN4bc3MSxkDc4aMFTuJOcYpEnuyfKoOCN3TIp2favHvBvjDXbPxF4Di1O/a/j8W6RNeXSOqBLa5jSOXEW0AhdkhXDZ6KfWvXVk3dOmT16/wCcEflSGh7E9qVVPTtRS5PakMaQVbjn2/H/ACfwqCG+hvkWeG4juo2OBJHIHXrjk5PcH9fx4b9oC6urP4Vak1u5jWe7srS5kDbdltLcxRzHI6AoxUn0Y1T8K26aL8cPHWm2EMdrokelaZO1vCoSKK5ZpUOF6KxjjQn1AUnqKaA9CvNStNNFt9puYrX7VOttDvcL50pzhV9W6/gDU/CyHIKnPIxzz6/n07V88/FzXL+bx14dvbvwt4glj0zxVa22motkVhljXfvdWZgHkkfhRj5VUdyxPqmveJL1Iddh1HT9S8I6PbRO6+JJZ7WQKAyBWVNzY3Zx8yn06kUWYHZ7grKFYBicFRwWxyP8msHR/Gui65Y6td2l2ps9KnktLyeVDHHE8aq0obPZd3X8q474d+KPGWuau8V5YJf+GFizBr1xavp1zcMcbQLZmYsv+38gPGB0rlYbGTxx4F+OmiaPcRXGo3mp30duscoG8vbxBQBk/fKsh59hyaYHpNj8VPD91HdPdfaNKS303+1wdSg8oy2WT/pCKeSuQRt+8MpkDcKt+G/Htt4h1V9OlsbvSNQa0TUo7e9VA09u52rIu1mwAcqVYhgTjFeK+P8AwtqPxqXzPDccjpa+DLiwmV4yitdSvCyWx3AYkAhbIPC/ID1FeheG4bnxb8UNP8TxwXNtpdh4b+wSvdW7wGS5lnSUxhZACdoTkgEZYc56oD03bx9eacqcUY5BxgntTuRSAY0a9xx+v4VHJGFjkdhtWMbmLfdXucnp/Kpmbpk8ZzXJfEf4Z2PxN0e1sdQv72witZfOC2xV4ZWznEsTApIucHa/HA59WgIdW8a2994R8R6j4X1HT9TuNMt5iJPmltxLFGXILIQHOARhScdzWp4J1KbXvB+gajc7ftV9YW08hjAA3yRqzY9D83AH49KyofDmvx+Cda0a8k0e7u5bSazsHtImsoyjxsg8xfmAxuB+Q446VY8K6DrXhnwV4Z0tBp4u9NitrS8ZpHeM28a7XaNtg+dgmQCNvzc9qYHFaf8AGTTvEXjq7s5NTk0XRLbVP7HtWjtXYajdjhw0zRFVUMGRVGGJViW4r1NgbhWiimEU5UKJAoYoScZ/DI7V5svwYnjtZtBa/hfwzJry68o2Ot2r+atw1uM5Ugy/x54R8Y9Ox0PwT4e8K6jdX+i6Pa6ff3GVmuYlJL5cMQQWHykgdPw6UAeL/wDCxNds/gLda7Nem519r6TTkvnjVdjPftbrJgAAbFwenYZzVH4iePtY+GOseJdBstRu7xX07T59PvrxvNms5Li6+yyNux82P9YAc4zjpxXomk/BtP8AhXd/4U1nUor+G7mnuftNrAYWgd5jMGUMx5Rz34IQjvVi4+ENp4gh16XxHeHU9T1a1hsZLy3iERtYomLxeWu5sHzD5h556dAAALGJ4W1S88O/EzXfChurm900aTbapbvdzNNJC7SPHIodiSykqrDJ45FelafiVnxuxjqazPDfgdNH1a+1a+um1PWbyGK2lneHyVjijztjRB0GWLHPUt6DFdKu1X2qAPXAoAzZpPLkKKp+tPb58cEHFaeweg/Km7Oc4FBSOckVsNlWJDZ49ue30rw3xw0ur6p8XJriSRJvDen2y6U3zAWu21NwJVA4BZ85PopHTivpFo8dB36etct4j+Gui+Kb64vL43EX2uCO0vRbS7I7yJW+VZR14zj5cEg4zjipGec/FLxFqZ+Ar60sslneXlnZedMgIdVneFZWVuxCSNn61x/jzxLf/CHxN4stfDFqsMDeHLW9t7TafKt7prk2wlC88YKsfVkJ9a+gdQ8F6dqcmorfRTXFrf2a2M1g8223EaZHyJ0Q8qd3X5RWXF8NdCWy1e2nin1hNWtltL6e+lDvJAoIWMMAAFXcTwM5OevNAHmHhXxFZ/D291HR/Etgml30NhDqMmsRzNeG/jd/L3tKUVi/mbhjaQueOOBva146mt9AtfEGk6XHrfhzYWnuknNtPGVdg2I5VUMuAP4gePeu48PeD7Hw7eS31vLd3eoTQpbNd3s3myLChYrGrf3csSeMknJyaTWvBWh+JNStr/VtLg1S5tf9SLzMkSHOd/lk7C3+0RnHGcU0B4d4m+JEvxA/4RS08HGeSx165unuZJ3aykeG3RS0Qk2tsDFxyoJIUgEZzVTWPi9pDeFP7Atnt/At05urS9WaREFp5DFJhGc7XdmwFYckMT1Xn3fxN4RsfEVvYCdpLO709zJYX1m6xzWrFSpCEgjaVJBUjaR2qjovhuw0PTZ7K3iLxTSSyzTXWJJJ5ZCS8sjnOWJOfTgY4Apk9Tk/gbqi658JfC90t/Hef6DFFKyOZCsiqN6s2SdwPXOTzg4xz2MTqsxUd/Y0zwv4ZsvBPhvT9FsQwtLKEQxeY25yB1JPrnueTx6Cre0s+4HFBRBdiVY3BKkdsdazWhWNmILZx0ya1Jd0jbSeOtQyx7M5/i46UAZqtt5Ocd//ANXeuM8BaxqmrXHiq11e++0T6XrFxZxOsIjHlqFKrt7nk8n1rv5I/KXnByOmP89Ov4Vx2g+EdT0W48YXSTafdyateyahbKodVikaNVVJO+Mqp49aQHO+J/ihHpnjGPw1b6lY6XPFDHc3d3fBnRDIxEUMagjc5xksSAAV45rsNU1aK1spLq8uo7O3jVWkmlbYq5x1bJ74HH/164TxR8M9a1aTxEEh0+7bxLpkFhqIZ2SK3njTYJ03Kd64JODzmNea3pPAc+nw3Mlpfahq0rW/krpGqXaiylOFVSVKEgYHvwTxzSA29p2u8SGQtHvHlEbpMjIKkkA5x71xenfEq0uPCtnr88M9vb3U/wBnjtTh55JvNMaxKqn5mLKePb2p/wAPfAms+CtUvLm51OGGzkUbPD2lJIbS1kBBLI0jFySRjCKq/MeK4m30S/X4caZJ9ku7ebQvEZ1KW2uLd0cwi7mO4qQGOElV+PSgDu7vx1pMOnRXclzJaLJI9uY5LdzN50YPmKUQEhlAJOeBgduDuR3QntVmjZZUkXerqQVYHkEeowRjjHXFeL6Vbz2vxIh8TSfJ4duNa1GKG4m+VB5tvCvmHI+UM0Mq8jnJ9RXafB83P/CstEinUoY45BGrcHy/NfywBjoExj/eoF1OsaRsZIqGRx1qSRt0ZUcEd6oXDGEZ6k8U0WNukiuIZI5YxLDIpV0YZDKeoI9xXK6d4Rk8O3FzLZXsN3NM0MLvfJhUt4lZViUr/ECT8xyDmukLFYiTwaj847dwDAAZ2qMk49u9WiWcrZ6Hrf8Aad1qSmx0We7uY5p7Mg3MUm1AsjBgV2liBz7epJrk9euSqslvHDd2tvrl/NcW9x9yXbG8wQ4PQliQDxlRnpXpGj61a65pkOpWzSCCYEr5qbWBVipGD6EfpTdS0+01m1lt7u2SWGQ5dclWyRg5K4OccdejYoALK6S8hhuApVJY1kVW5IDAHGR6dPT071PJz0FLHDHGqqihFUBQq8AAdBj2pzVSA+j1AobGeRxznjtjn9KXBoOee5IxgYyfbkgVAGH4k8a6V4VvNNs9QluFu9QLpbQwW0k5kKjnAQHtz+FW/D+vad4q01L/AEi5W9tmZovNWNgVdTgqykZTB4INebySSePvjLevpetGztvDFh5EcsEInzczsTIVyMKVRAucHBI9TUdn4Cl/4TRfD+japqukeHtP09rjUZ7e4KveXdw5ZWZsbS52uxwDt3YAHYJZ66uDnClsZBIHP+119PX+uKbC6zXEiRskkkZVpFT7wzkgt3XIBIz1xXiWmXGt+Il0SSK51H+3l1YteRvvEWm6fbuU2SKThmdVB+bLFpPQcYGl32px6bpl7HFf6fb+KdVu73VrmVbh9qpu8i3JX5lQgrjG08MNwyKQj6T8qRlU4cqdp574xg8fQ/y6U7aEVUGB3UcY4PUcjkd/fFfOusW/iXwZqDHRbbxDrF3Y+Hbh0E0UwR7q4c5YpkhNiDIQksNymtqz0G71PxJ4RsjBqtzp1larYahHexTRlfLRZRdq5IB3v8hB5/DNAHtsijbgrnb2fCgbuBkngAnB/AUxsKwPy4OGAJC55PY9s4571518ZLXUvEEdjp2l6dfXt1b3Ed6lstsWtrtWdomhdh93Cktk8DHrivP77wTD4+1bxgmkaVNPgw+HdOvpQwtbOKAAS3RlJK7gzOoPJ/d+5oA+jIo85bqQfv7Tk59SR14PSpOFAHpxWZoszSWro9pcWgt5Gto/tKBXlVAqeZ9DtBHr1q/GMnJoAsZ3VGwP4U5e2Kew9aAIt3FJ5nWl8vJNNaFuopWAVfmqYHb0qOGE/jUwjOeeaYCbux6UpxtPBPB4HU8UjIc0/bgA98g/rTA8w8XfFO90W48YXOnw2smk+EjbrftMW825aQCRxF2UJGVPzdS1d9qmv22j6OdRmWSdAE8qCMZeZ3wEjVepY5HA9fQV5/4k+E99rF14x0+0ubZND8XXNtc6hNNITLbiMKkqKgGG3JGPvHjcORxXTax4Ji8Z5ttdiZLSxuUl00aTezQzIvlbMyMpX5uXxgkbe9BLK3wp8Wap408Iyanq9vDBeLqN5atDa/6tBDM0YAYn5vunJ79fpf8A+FjeHbfxBJod3qKafqquEWG9jaBZT1/ds4Cv1HQ59q5Twj8CdB8OeERpGomTU1+33F+HF7cIB5kjFVU78jCMAc9SSepJOrrXwzsvFl0w8TXdxrGjRFWt9Bb9zZxAYwZAPmlPA6kj2pCJvEOtalYfFHwRYQXgXStSiv2ubXy0O9ootyEvknAJHQLxzzXCeIviFrUem+JfFdteTQ2nh/xLBosWlxovlSwrLDFOZDjO52lJBBwAoxjNeian4On1Dxf4a1mK+hs7bRIZoY7MWhPmCWMITncAMKAAOenTk1n3Xwn0681S8eW8mOiX2qprU2jNGMPdJtx85OfLLrG5XHJXrxQM4eLx5q15p9n40F9cJ5/jMaCumhwLcWnntb7SAM78jdu65wM4JFe9yIFkYL2JHP4f5+oNcNZ/C3TLHWhcfabiXSI9UfWodH2AQpeNx5gbrt3bnCZ4LDOcDHbLJgZ6/KF3epGcn8zQNEit2o27mC9Mmmr83OeaXknrmgZ5v8ZdU1eR/CXhvRjHBJ4i1FobieSZocW8ULTPGHUEqX2hcgE4zj1rX+F+tjX/AA7dQHRoNEn0q/n0m4s7MkwJLE2GKMF5B4JJweCTXQa34d0/xFDbx6hC0htpluLaaN2jkglXOHR1IZTgkcHkEjpUNr4L0Szj01I9PVF09pXtm8x8h5c+a5O7LM245Zsk/gKLknndnpK+DfjdNNF4bt7a2vvD0ws5tKJeWbyZFeXz12jc5LxhWJOMYLHdxoeLPiBe22gwarFO3g6VLho49O8S2QeTUflBVI0hcy55/hBPsa7TQfBui+Fo3XSrCO3LoItzM8j7AchAzkkKOTtBxntWn5KSTRyhUeSPcY5GGWXdjcQ2PlzgdD2oA8o8V+ItU8SfALxpe+IfDp8N3X9l3iJbXEyyecBH8rgEBkBJHyuoYZ5Ap+rTJYeOPg9rV3PFHodvp91btdSuBFHcPaR+WxcnA+VXA78YHWvT5rS3vLaSG6t47m3kOWhuIhIj49UIwacLS3hsRbLawi1UBRbiNfKwCSPlxgY9x29qAPnX4V2cng3xX4Z8Sayr2ug3trrotJJkb9z5t4J4lwAdpkiVto9BXrXwJ0G+8M/CXw7p+pRvBd+XJcGCTh4lkleREYdiqsox2ORXcKxk+98wOMhhkHHTI70/cecnryff3PqeaQh+BTWUNxjOe3+RS+YKRTk0hnG/EK1ttcs/7DvvB8viqyvraRRIYIWhjc4AVmeTchzzuAwCorkrH4a+IvBupWuoaav/AAklxJ4Uh8PXRadUKXEWWSYsxwyHewYqc5QHvXsDcrjp2oZepKhu5yP/AK30poDgvBvwqi8F6N4etYvEGrzNo9jDarZremOwmeOPhmjC5O5mJIyTwMd6qaR8IYpPGlr4w8RXUNx4hgbdFHpNuLK2jyerEHzJ8f8ATRiB/d9PRnm2wyzlpAiqzu0aMzHAzwF5Y8dMGuXi+JWhTeBoPFkctx/Y9w2yDbCyzTSGYwiNF/vu4CgHHLcjGaYFbR/BuoQ+OfF2sX62Uuk67a2lsturuZQIUkQliVAIYSHocjGO9Yuk/BeG1ttCsNZvY9T0fQLK607T4BH5cpjmURs07E7S6xYVQo65PpWy3xS0i3tL2Sa2u4dWs9Qi0ptHZE+0m6lwYkXa5XDKytuDbQFJPQg7fhbxRB4mj1FY4JLG/wBLvGsr2zkZGaCUAOvzIxBDKVZW7qRwMGgRzng/4X/8I1faRc32pnVW0PT30nS18jyvLhbbvd8sd8hVI1yMKAvQE13ManI4qbb0PvT/AHoKQnlmk8v16VLuNDZ28UDKmoWNrq9hdWF9bx3dndRNDNBKMq6EYINZX/CDaEdHvdLbTkmsbx1luVnkeV5mUrtLu5LNjaoGTwBjpW1tNKpPSgCte2dvqEkTXMEc7QzLcRGRAfLlXO119GGTyOeae0YBG2MEgghQo7VX1q9m0rS7m8g0+41WWFd4tLXb5kgyM43Mo6ZPXtXCat8dvDNn4b8SX0Mkv9q6Jp8uoS6HqELQXZVR8mY3AypYqCwJGD16UaknoUymVVJ57jd8wB9/T8qg2eWwUL5e0DavRlHJH04/OvHNF+KUPw/inl8eWWoW/iNtHj1dr6e5R4r1WkRGiiCsUgCyvCm044YFskGj4E+L7TxF8QPiDbHxLB4gv5ns7wG1cvCo8geYIecCNHdUHc9STQNHuC/vVAf5x6NyO3+Ax6Y4p8gMnLHcc5yeTz1pqrsAxmnMxoGJxn3pWFReaFbJ5qRZFk6HFAAFGRzisbxR4osPCOni9vkuHXO2OGztpJ5nOCeEQE9AeeMDvW0wxyBkjnnpWF4s1Sy0/TjBN4ht/DdzeI8FrfTSR+YuQdzIHGGIUMcd8UAW/Duv2Hi3R7DUtJulvNO1CPfbzqSodTwTg4OQQcggYxXK2Hxc0PUvE9jpCW+pWzX/AJh07ULuwMNpfMg3OsLk/NwCeg4NZ/wh1RvD3w98MWGtPHa3U1xNp+nskLp9sSNn8lyvOGeNN+SQMmsuz+I/hfxt8RNMKyvcjSZpLTTLeO0lO+4kHlSXDMVAWNE3Kp/iBduBtAQHqPMnAyi/xe/Xt35/GhopNuArKcfdxg59OcfhnpmuE1bT9cuvDupR+KLGHxBE8kYtLLwmJ4boSbm5MrSDbjKncCB1znpUvwv0DxrodxeSeJtW8+wcA2WmSOLy7tiGBJe7VU8w4XBUK3+96iAfpXxV0u48B6t4tu7S60rT9MluYpredlkm3QOUIGwkEsw4AI6nNUr74wWfhyHV/wDhJrCbSbzTtNj1b7NHOtw01vIdgWNlH3/M+QrjgnuK5Gz8G6t40+B/jvw5Fa3Fnql5rF9e2kF9A8Pmg3v2iDAcAlX2j6Z59oPiR8OdZ+MWoeIdTgsbjSf+Kfj020h1JPLee7+1faXXGc7RsRN2cEtwSAcMD0DQPG15eeIp/D2r6dDo+rR2cV/HDDMZY3hYlG+YquHRxhhjB3LzxXaxw7VXPPevOdD0HUdc+J8nivUdMn0e3ttETSY7W7ULI8xmMspAHG1MIuehJ9q9KTLKuemKAEpdoxS4FC9KAITkGkxznvT3Ujk80wtheBigpHO/EHWLzw14I17WNOS2e80+ymvES63eWxRCxyB1OBVjRdQk1bRtOv5goluLWGdxghQzIGIA7D5h37Uzx1pl5rngfxDpunxLPe32nz2kSvKI03SIUBZiMADPpWDb+BZtY8E6LpWqXeoaVd2Vukb/ANi6mYtzCMKTvXbvU4J5IxxQM14vFejXOuXGkpqtrJq1sdstkZQJlJxjAP3hyOn8yK43x58WLTw34os/DcV5p9lqE1uby6vtSkAgs4dxVTt3AtI7AhUJHAJJ4wXeOvhLd/Ea6S01XUbWDw7a4+zTWdsJdVkwF+ZrqQHymBH8AJ96oah8MLrQdc1K+0W0i8Qadqehx6LPa6pdr5kbRqyxu0j58xXDjdnksAQOpoAn+LnxMufAfgz7Xp0UOsao8KzDHywrBuRXnfB+7mRAACcscc4NdssQKPj+IHI6e3TJx/8AXFeM+IP2a3Hw/u9O03xDqs2vSaZa2JRrpY7S6eBAqhgUZlGQzfe5Jz3NexaNa/2XpNpZNeT3zQRLG1zdNuklIGC7YUDJIPT3qWIdJCdoDZbPPX6/41D5G1uOnpV0zLnlqiaROvU00MqSQknjiq0sDH3+tXy4b61H8u7rTA47x14kXwX4duNXubO4vba3aMSJa7dyhnChjuIG3JGe+DxVLxj42Hg+MO2i6praJGbid9NiV0t4R1kZnKg9yFUlvlJwcZD/AI3Wc2ofC7xDaWdvNdXk0KLDDbwtK7uJUYAKoJPQ9BWR8SPHCaXocFikOoQtrMTRSXsGnXEy2kLDa2VRCRIclFVu7AngGgDp9OvbXWtPtdQspFuLK4gW4imOVDRsAwYgjIyD830rC8M+OtF8Xfa00ia4uFttqvJLZyQIwJbDAuMODyQRTLXxB4VHheDTR51ho8mlyOltdwywOLKPERY5GVwMDk7jnINcp4SabRbjWrPwZLL4x8LxRW81hA18pWCZywkt453zlVVVYBidu8ipA9FLBcKQSmOn6fhVV5RHJGfMCMzkR8jJbuRzyQMnp0BFcB4u+IGq+GprOdWhbVZoFZvBTR/art8FvmiltwxBOP4xj6UvjC4j1LVfhjrFzpcmn3b6myNBdIpuIg9tNmNiuRwcd88cimgOvv7eO9XbPEk8TrzHKFZGTJx1/hBB6j0pZFKouBgBQAMEALjCgewA7V5HreoXFlqXifxAZJTqOmeK7TT4sO3/AB6N5MflFM7SrCXd05P0GE8EeK9Rkk8JapfXdxO3iW41C1uoZXJSBozI0RReihQhTjGcHOaYHqUkeR6Z5qncRjcuea0JlbkY2+x/nVKRSee4oGiv9lWTOWwKh+yKzZ6gfmPcVMw29eO9Ew/dg5HtxVITPO/DVxfWOigWukS6t5Oo3kcsKzpFJEpnkcYEhG4EEcA59Oaz/hjqjXkviKCeS6F6t8txNDewvFJGZIYz0YD5Cwfb04HfOa9PlMjKGZnA9eevsfwqkbOFbm5uBGBNcMrSvk/MQoUcdOgFA0VlkKnhqn3ZFNe2GcilCle9C3EfS2KTPT6j+dPX3FRsvByWHHVeMY5yT2HFSBHc3Mcar500cYVcje6pnnsCc/lUio6qFYMBjIznGD+nNeNazosvj74pa/fWug6fq9pounppEcl/KI4RdSfvJH5BLbV2qMYIye5q/wCGZtZ8Eax4b8BxXdrc2sNijDVLhGcXjLI32lVYN8hRQCqtk4BzSJZ6yZW9cnOc+/r9aWO4fcSZHZsY+Y549KzNY1y00PRLzVLyTy7Szge5kKkN8iruPI7kZx+vGSPKLj4wavpurvcX89idNtNGl1vUdMtYt01qDxbwCXcQ0jAknjIxyMdUI9rVnOBvYgc8sT3zRJIdu1juTn5SeOf/ANdeK6r498b2nh281COS1ivLyG1t9PsTAvmG7nddu1dx/dhdwBc5OxjtAqTxN8Qtc+Hvim0j1/XbC606GwudV1C1tbPawRFCRxI24ksZCc+wJzximgPYmYTW5gfcY24Koxz+GOhx3+tYuj6Xo/hO1tNM05Y7GGaeR7eB5mZpGJLNtLkkk8kjPrXlV1478YzQ6LYfafK1W+0BtTRNNiikeW7eTCQFmG1I0BUFsclW5o1jxlqnh/VtVh1fWIb/AFTQPDq3MkdvawoW1KbOwQ5XOFGAMcMXWgD2+NlbHG1R74B/T9albdHhQTkjPI5/DjpXz9Z/ELxl4Zl1mLVtZh1TVdN0zTbN4XjVIob65kUNI20dER0ZgSBk44rZ1HxRrVnc+LbPTfE7PEtnHa2OqapsVJdRRXlnEZChVAjUDPzKC3B4NID22Pe3Rf5k/hxUp+bjoR2wQfxBr5/uviotnoNrHfajrFpZSaLJr8iyEtfzlmIhtY2UE7VKszNwSNuSoya9b+F63q/Dvw9/aV7PqGoSWiT3NxcMWZpZFDOOR0BOB7Dv1LQHTovrT+1C9KANzYqgGqKXntUhj203b82BSATHegjcCD0NSFR3FIVHpTAYxJByWPOeSagZfuqB3+UDH5DJqztBzXL/ABE0mLVPDZtzol14gnaVRFb2t19laJ8HEpl3LsA9fccGk9gNq+me3t55PKlmZULeTC2JGwPujcOvFcdb/E60uvAOh+IYbCZZtalit7DTZCPMlmkkdFUkcDAQsW7AE1F4L8L+KPDOg6m/iHXW1yQhjaWUamd7dQpxGJyFaYk4GSqj69a5TTPBetL8MfhlF/Ztyup+Gr2C7udLliCyuqq8cgXLYLANvAzzikiTpP8Ahbytu02LSseKZNYbRV037Upi84J5ol84D5o/K+beBn2rpvA/ioeMNMvZRB9jubG9m068gjfcEnjJDAMOqkFSDgE5PFecQfDPXIvFyeOltXkvG8Rzao+krIgmWza1+zICxbaJdoV2HTDHniu/+GPhS58MaTqkuoYTVNY1S51WeMsGMIkYbI9wPO1AoOMjOeaY0dU2PQZPtS7W65z9aWT5cHqScU6OQN1BwOtAxq8VIqnOajVhkn8Kd5+w88ikBL/OlXnCgEnoAOp9qapDAEd6X7uSxwO/+f1/CglnJWfxO0K91SPSbprjQtYlby4tP1m3e3klPP8Aqyw2yZB42nt9azNL1jUIfjL4ptZ9RuLvTYdCsr6CxkwI4WaSUEAAd1jHJ55atfT/AIZaNb6omraiLjxDriMXi1DVGEzQckgwRjCRbc9VANTWng9bPx9qHio38rzX1nDZPZmFfKVIyxRg3U8u559cdKYjw6H4h63o/hX4d+NRdXWoX3iaO+nv7OaVngdBbTXEQWPO1QhiUAoASDkk1veAru+03XvhPcpdz3U/ivR7q61eSaZnW5YQJcLIASQGV5HUbcABgK9A8P8Awx0fw7fWM0JnuINNjuI9Ps7kq8Nksx/eBABuPB2AsTgZAxmr/hX4c6P4TuLee1+0zyWts1nZLdSq4sbdjloogBwCQPmJLYUDOBQB0sanbyDnpn8O/wCf6VIF+Xmj7o4+tAb5algQlTnNTxrwKYT2qWPoKaKQMD64rnfiBcRWfhmaWfVNT0dxKiw3Gj2/2i5aQ9EWLYwfPPBGO+RjNdIy7uD3464oUyQsSpZPx5z/AI+3amI4X4a6h4z8q9uPGVtaWljC2bO5kjEN60YBLG4ijLojYHRXz7CvMvDem3OqfAHwJc2sEl2+ia7BqV5axq3nNFFeSM42kAthXV8Afwk9q+hF4bjjsPb6elOuLkRRtcTSqgiG4yyuAFC85LEjGMdfpQI+f9W8FalrXj+8+INna3dxp0PifTLuG3WJxPcWtvZvbySrEQGIDSkqADuVCQAK9K+HPh+7sdY8b67dW72o1/V1uLWCZDHKtvFAkKOyEAqX2lsHkDb611Wq6tY6PaPc6je29hafc8+6kVUOfdiATgZ29TgY4FM1jxJpmg2qXepala2NpIcxzTSKEYkFhs5ywKgHjsM9BQBpAetDdKVXVkV1ZZEdQyOhBVgeQQRkEYIOQcYIo+tBSFFG6mu21abuHHGPWgQ8LzTH+VuBWd4m8SWXhHw/e6xqUjJZ2cfmSbAC78gBFGRlmJAA9SKpeH/GMeuatqukXNlNo2tackM01jcyI+YZVJjkV1OCPlZTxwygUDRoa3Yyavps1kl9daa02FF1ZOiTJyCdjMDgkAjI554Nc9b/AAy8M2+jalpiaXG1vqsD299NdMZbm4RwVO+diXY4yRzgHHaszxV8YINBvPEDppxn0bw7Lbxaxfm4CNA0u1v3cW0lxGroz8jgn2qPUvio/wDwtCLwZo39jXF7FHC93/aGpGCba/zFYItu6QhCCeg+ZRg80xm74d8B22hagL26vbrWdQjtF0+3udQEbPDbhg20bVGWZlUsxySQOa09P8N2Wk61rWr28TJfas8T3bZ+RjGmxNo+nU9z15q7quqWWhadNfajcR2NnAivJNcfIqIcAMx7Dn8OlM/trTF0K41n7dbyaRbwPcyXkL+ZEIUUs7hhwRtBP4UiSypY5NPKOQDXm3w1+K1n46jbULjWbWwR7Y3qaKybXtrTqs00rAb2x97ZhVLbcZGan+H/AI81nxR8QPFdndxrBo8Gn6fe6XbbQJhFK0wMkvGQzhFbb/CDigaO3uIXfOKLezeMAlquNsDHB4zx7j1oZhkc8d6Bir26fj0/GmXFvFdQp58Mc6xtvQ3EO/HqRnoMZ/OkSUedHEDklhnHbkc1872njLVZvCujfEH7Tc/2rfeMRYPb+c3kmze7lthB5edvyqqtkDduBycUCufRRVpJMkOfbG4hTgKP5YFD3DFTukKrtJOXIwOe+Pbnocetc5418P6Nrml58QSMNEtFa4uImkeKGUYODIVO5gnOB3bscCvO7P4d+I9S+C9v4ct9SjtZJ757iKHXVlmJsPPZ4bOZlYODs8vPU4yvODkGewQyjbkuGzlPvAg4IJA9hkcdORUq7TGFzhew7Dv+FeOeB/HGj+C/AtvFdaDJ4eeK/urCfTNFspruL7TE+JGTy1Y4OVOW5wQD901J4v8Ai7qHgO9tri9ttO1PS7zy3t7GzuSmrbSF4+zsCHOT0GMe1SB6vcX0Fr5C3N1FB58ghhSZh+8Y5wFBPzHqcY7e1UNZ8RaTobW41bU7TT5J/liW6nAMm3qMHr1wPrzmvPPifeWmrH4Y6s9i9pev4ksmVbqJVuYVkhlIjPzEjkjI9qxvEE0M/wATPiZFqhjNqnhO3S288BU8gLMZ2XPYSbScc5C+1NAepa54q0bwx5CarqdrYGcExrLL98KfmK9yoLD5sADcBnNbS9uR07fzHqD2NfMnwx/tDOtv4wlkXzPh9p7r9uGMw+VKZfvH728ruxyCV74x7D8FZr6P4T+Do9T8xb9dIthMsudwby14Oe4BA57g0wO9yMUzcKqPdZukCttTHIxT1nVu9AFnjbUfXgcH1xn+o+n41XlvlhXkFvmAAHX8u9eN+NvGniuPX7u11lrvwZ4PVtiapo1qL6WZOuZZvm+znP8A0yP+96gXPQtY+Inh/QdaGnXt5suVaHzWETNHbeYQIvMdcqjMenzZGRWrrOtWeg6XdanqN4lpY26GWa4mY4QccnHJY8cDqcDvXzv4oZdK0j426ZdTM17rggk0uORszXiyW0UcGwE5crJxntyeDzXZ/GIyXnwpn0i3uFutT0SXS7zV7eD5nihjkjdy4GcAhWfHOQuSeMEC53UHxF0S4sL+8eaa3FjIkdza3Fs63UbtgxqYSu8ltylcA7s47U7wt440vxtYzXml3Msggla2mFxE8M0MiYDI6ONwwCCM4IDDr2860TVrVfjB4w8SNqNtD4eTSNOsZdRkmVbc3hZ2AEhIUlVkTv8AxAdelfwVceI9LuPG66WbDxkf7WjuINRR0s4rt5UDTK7qGT938ijaOAQCMg0AekeJvGGjeE/Lj1KV0lljkmSGCB5XMagB5GVFOEX5RuOBz1zVv7bYNpraitzAbHyvPF2WAQxHkPuJwBjkZPc15Z/a17o/xfj1vxZBb6RFeeGGtk/0jzrZWS5LyxiTaASyENjvjGOOJ/gvqFpovwn8NaV4guYYbl9NkuzaX7qHW23sys4JwFVGTOfu4NBSOq8LfEPw146u7y30TUBcTW2HkhkheGQISQrBXCkjgjIBGR1rpTbx+ma8p8M+KvD3jj4hXPiS01iyuLuayGmafaw3CPO9vG295pY1O5AXYBQRwoGfmYgepWlwZLeMlT8w6/zoGRNCm4jGPxqNoV7VJcbjMQOFxmq00hhZc8A8UANdNpyCcj0OM9qquPs7KBKVDZAG4ZOAcgDOTxnoKddSFSGByMj5e5+leZfEZof+E2+G97KiG6TVZbYzDG4q9rKcbicdcce1AHossb7W2SEDHLbiABjoeOBg459qqtafKVJCheQmAQOck4wOvGcjnA9K8X8YeMr3/hNvFmqalpMereGvC0lvbCz+17DHuRHe5WIqRKwDgDceAOOprv5/iRpN3Jf2eh3Vv4g1213b9Ht7pI5yqsFYfP3AP6gDrQFzeaCReFfBKhd2OcDoM/iax9d8N2XiFrSW/t3uHsp/tFuyTuhSTBG7CsATgnrnqaZofjnSvGD3thYXctlqlupE1ldReVd25I+VmjcdM8ZG4HI5rz7RfiDrE/w58JytcI2s6xqUemtfPCp8v55PMlKY252xEAYxk0AdVqHg/TNU1galOkguEkjnkjWcCCaSPPlySLjOVzng4JUZzgVQh+H9pp+vQaiklx9jtJ7i6tdPKLshlnx5jbu4+9gdB5hxisez+JOs3mqQeGbVLWfxBFeXtpNc3EbmFlt1RsqqsMF/NjA7D5uOldX4R8TW3jDw3p+rQxCJbuIOYf8AnmwJDrjthgR+FIC7JPhMFcNjPr+tZUkzEsCcg8YFbk23kEDms+azj3ZxgZoQ0ZEzHkn+EcZ6VznjnxV/wiel2+oLf2cSIxRrO8fy2vBjOIj/AHxzhec4xjnI6+6sfM5U/hVH7CfMDFFZlOQxAyucZwe34VQmcLqniwx6xbaxaJdpbz6Dd3S2d3vjG6JkYbo2A2tg4I7cYPJqhbfEC90tk0+626pdwx/bLi6IEYFt5UTsQq4G4GRgPUIa7DWPDcOqalbXs8k7SRxTWghXb5bxygK4IIyDwuD2x7muH1L4e31rHd3VpOmo37QSWcS/dDW5txCu4n+MFVY4454pgejpOkm1kbcjDI/nz+BH508gVQhT7PbwLnJ2KpI6HaMfpz165q+pG0Z9KFuB9JswZsdKWRVYEN+YOCPejyQzZpWiHGeRnnpnHXjNSSYuh+FdL8KxXUWmW5tku52up3aV3aSVurEsScn+lMt/Beh2t3LcrpkZml845kd3x5pzLtUnCbjjO0CuA/4WIbXx141utS1PVIfD2hpHbRQW9mzxGYR+ZM/mLEcBQVGC3GDmup+Eg1m48B6TqOt39xe6hqURv3W42gQxyZaONQi9kxnPOaBHS/2LYDRRpBtI/wCzPI+ym0kyyNFjG05PPHrWC3gPwxpMMhs/D+mwLPb/AGSYrbgl4cn5DnqOTVXxZ4x/svxN9hjF5t0/S5tYuljSLy5olyioWLFlOQSMAdOTiuWh+Nlrq2jX19aaLfeRp2jLru+9KIjxktgcE4PB68EDIJ5oA73TPDuj6StrBYaVZ21vby+fEscAIRwMB+R94Z6571avdC03UZ3mu9Ps7qaSA2zS3ECSP5Rz8gcjO0k8ivGLW71Wx8QaRr2sy6kL7S9DuPEOsWMd8fIBkLfZoQuQmAA2OMkIc5rs4/i9pdtDNPd209ktrpMOr3aSAObd5sGK2YA8ysc4AwOnIzUgQ+JPgtZ67e3ks1zDLBdkKhewD3Nku3aqwSgjYoPOBx1PWvQ7PT7MxuYbaAKTHvPlqzSbAPLLtj5yuBjOcYGK8x1b4yS2Ni13P4bklX7fa6daiO5DtcvKTvCAqCzRgjcFyMnAZsGrtr8SdduvD9xqem+G4Zmj1KewEc2oKoPlkJ8hCnczP8oUd1PIFAHf3EUUizr5ER845mzGp804xl+PmOPWka2txaxRG3hMKKEWLyl2KBnAC4wMZOPqa4PxF8Tr7QtD1edNHtptQ0eGI38TXh2C6l27LWNgp8yQ7054A3L13Yqa6+Il/d+ILnRdE0qPU7+wmhtbtQ0hUTvtMgUhRhI1bJZ8ckDnIoA9Gjt9zLIXJmwcOScjI5/kPyFT2cjyRgMSdpxUSw7ZWRHDL2PHIORnGTjoferaR+SoUdKaAkzjgU5fXvTF+ZqkVTTAf1oAAOaVVp2BQBHnk1HJcJbwySzssUMalnkdgqqB1JJ4AHrUy4J9689+NHmTW/g6wPzade+JbK3vgThHjy7BH7bS6J14JwO9BJ3VrdQahaR3NpcRXcDYKzQtuRucZ/HB/XoRVMa5p82rNpUeoWsupxAu9ojq04XaDnYpJzhs+wK+tcf8Kv3fi/4jxqyJpf8AwkKxWUK8RiQwR+eqDod0h5C/xbzXm2grPdeFPhy6oD4kuPHN3cXR/wCW4US3BmDE42qI1VRnjBFAHtNv4k0m71eTS7bUrS4vhuV4IpRuJT76j+8VyB7VpxwtllwRnAOOMkDknHfPP4V4H8NE1O18WeHLkQS6z4Vvm1W58NW0ci/abORi7OtznAbKo4DEjbuwcnBHofifxZqkfh+G+uTeeB9Ua52WVo0MWrSX52Z2+TBuLf8AASpGOTQI7bVtUtNB0u51HUrlLKytUaSWeQkCNccngZ6dh6n3qjceMtMstHsdUkuHay1Axi0S3jLy3DSKWVY4xyzYy3AJwCT0NcpJr3iXUPg94svPGWjW+gXi6ZdqkaSA+cphcK7oSfKYnb8m5iM9iKyJilh/wo/Wp7pY9C02Ex3l2zgxxSPYBImduwzuXLd2x3oGdrd/EbRW03TL21kub4alM8NpbWcDSXEjoG3qIztIK7GyG5G33FW9H1608RaTDqml3IubC7y0Uq55AOCMdiMcg9DXi3gTS7rwx4+8PeMdbjktPDt9qGv3ETSIT9nS4kjeBivO3zEikIwCM4HGa9P+COg3mi/Diyjv4Gt7i5uru+EL9Y45rh5I0YHlSEYce/agDq48R+a7MQvHqcULJJMJcH91xs461orbj0p6wheMcUAMt3XaFA+6OlTbj247cGiOMeZnHWnNjnjvQIYx6+5z+NJ2PAx1xjj8qeFy3NNZfTikAxVzjk8dOal27e/XqO1M27e9Az35FCAdkU7aNuaauM9KVh+VJgM281NHjbTdvFOyFTp3poZHfW73lncW8VxJaSTRPGs8QBaPKkbwDxleoz3A+teYeF9JtPAfi3xVqlrqd+vg22soYZ/t95NeqdQDkyuhbLEhGQPjgs2AMqQPSdQtzqFjc2qzT2hmQp9ptSBLD/tISCAffHGa5zwT8N7PwZcJNbavreqCOIwwx6lfiaOFSQSQqoo3ZHU5PJ9aYjP1r4mGPw7b+KNBt7LWvDS71u5J7wWM6FSOUE4VD3+VmQntnmua+KfiTTviP+zZ4o1u2sbuK0NkzxrqVs0LxyKygNjoRzww4OeM16nqnhnSNa1Kx1DUtNg1K8sQRbS3Y8wQ56lVbKhv9rGevPNM8R+HdP8AF+mzabq8TX1jcACWAyvH5gByFJUgke2ccUXA4jxFK198fPBVldru0yLSNSuUjlIKtcDyVLHJxlYmYjuAWI715l8CWnt/FHhZtdKJocfhnV2043pAi8n+0eVBY4GLdY/95Me9e93nhPSdYtYrO90+O4t7dh9nWR3LxkKU4fO4/KSCM8gkHIp+peGtO1TT7ayu9Ms7u1t2xFbvAvlxbRjCpj5Rg4x0xxjFAHL/ALPq3dr8FPCC3yyrO1qzKs4IkEJkYw5B6HyynFd3JdIuSWPXsKWONhHtA2ADCqowBjgDHsOBTfI82NlI+agY/fuYjnHXmnzgGL5Tim+WWYE9MYxT2twygAYHWgaOG+M+g33if4aanZadH599BNa38VuCAZzBcRzGMe7CMge+PpWTa3F3L8RvFfjqDR9UmsJNKsdMtbNYGS7uissjySLG+0gAy7csAflYjOQa9TWHcQAm9uuD045OfbGf8RWbZ3VjrkK3em3lve2ynaJ7RhIg4B6rkevQ8cdO50GeK+Mvh5r983xK8OWljJLB4z1JbqHV0wLe1WRIUuGkbcCpQRttHJOR2zXWeMNDm8bXFtpLeHZbAaVqdtd2niGeWHbCkTRyF4gh8zcQpQrtAIc5PY91Nf6bbala6VLf2sWo3CySQ2bTKZZERdzMF7qqjJ46D1xWTf8Aj7wvpPiWDw7e65Zwa07KqWckhBLOMqpcgqGII+UnPTvSRJSvNF1fT77XNS07Wr6/upA6QaXrF3nTo2Z933UQNgDIHU46nnNcvpPwG04/27c6jeySaprmnzWdwujwCxsY1lTaxW3jOGZc8PIzH3HSvWRZLIu3G/I2jr09u+Dj9BSTQ2ypNNMVSFI2eR2+baqgktjsRj60xo8ptvhDL4obRR4vFlLb6VoUmixrp07g3iuyBpC2FMabYlGwE4Zic9Ku+DfgvYeCfiBqXiiyubmQXdhDaRx3N7PPKjKztKWMjtncGjxnptOMZOd7SfiXoms3ut2skWoaZc6TbC+uYdVs2idoGBxLGpyXzsI45LYyBUvhT4iWfifxBfaDPo+raDq9tapfJbarCsZnt2YqJUKuwIDcYJDDPI9AZ0BLqqgDlQBn2FNkk3b15yBWl5SsTx9KX7OrZytKzAzYT5bSSZwQDjPrjj9a4mP4W6VbahBKtxcnT01h9Yi0uYKLeG7cEmUEDdjczMFztBOcV6I9v827A9/Sm+X8x2oWOP4QT/KmB5x4g+GNt4ltJba91zXhEL83yCG6SNg5wVjyFOVQ9B0y2TyBVmH4W2VrY/Z21bxGJDN55vDqshuHYoFILdGXAHyngYyMV2EesWuoXGpWOm3VleanZKoltfOBMLMCVEqg7kzg9cdBWL8L/Fdz42+Huha9dRQWt7qFuZpY7fcI4z5jgAE8nhfWkBb0bQoNBso7O2t1htYlIWMEvySWLMx+8xYkknnNQxeG7CxmudSttNgi1S7IM98kYE7kYAJfrwB61y2sfF3T/wDhYF54ZTWbPQoNOeKC9vbtd7S3MgDJbxg/KmAy73bPLgDvXqEkLDGUYLu27ucHnntjj6ila4HHa34P0zxM9rLqdk98bOVZ4C0zr5cg6ONrD5hzyfU03xB4P03xHJA2paXb3LRKVRpAeVJBKNj7y5AO05HtXL6X8S9T0XwX8Std1mWHU5fC99fx26xxeQjxwwxuqYBJ6scknJGcdsYHiL4qa78KxYTatdr4gGo+F7rWVSSJIhFeW8au0ahACYmEgA3fNx1p2YHqeqeF9N1xrY6ppVtfGAEw/aIQ23JBIHqpIGVPBwOK0VhkWRnZdzMOp/QfT2rzvwz4g1rQ/GXhDR9S1WTVYvEejS3k32mNFNtdRLG7eWUUfuyJSNpyRtFeqKh65pAY80Ll8kYNOWBmVQOMGtCSNckseahjmTkjntTQFVrJ2Rh1yeQehHpSSW9xuUBVVPWrq3CtIyj+Ec05mD9KYGXJp63F5DPLFHJJDzHMwBeM+qnrx14I709tPVZDLAkYkcKPMC4LYyc57jnj0xSa7pttrGmzWd7A11auAZIEdkEoBB2MVI+U45ycevFePfCXxFpfgO18a2Wo2Fx4ZhstXE4sWJuILeGdR5KweVuyCFZmAAwWwOBQB6sukwCx+ztbQfY2+QwGNNhy3TaeDyc49aa+mxWtpGkMaxQx4wEUIIweVA9O/wBMn1rz34w6np3iX4daJrtjJJNAut6a1vKRJDlTdKhOwgdcnr6VX8SQQeLvjlB4e1e2W80O38NyXNvazR/I08lwY3kA/vqgABHK78gjJoA7y+01LyF47q3t5oC+Qk8W9VfP+0OD6HHcUXekLdXG+4toZpRGYt9xErtg43JlhkDgZHQnBr57+Et/P8T9W8LaT4pT+0tPt/Cs08EUylllk+1SQecOxdY0AVu249zXrPwL1+98QfCXw/e6lI090YnRpXOTJskZA/HYqi8/WgaOhs/DtrZ3DXEGnWVpPt2b7e2SNiPqoHFXo7dvL2t8tW45lmjDp93oDiopLpFba3WgoozQzRyAKNwqvfRmZEXGHDf0rVA3DNQSBVbPegDHuLGRUPzZ4rntb8FWHia6065uo7hJ9OczW0kFw8Xlybdu7CkBjgnqDXYytUO4jOKAPPNe+Gml63eS3V01yn2tI4r6G3nCRXap9zzQR1HqME9M4rQ1zR11bSru1ZprRbgbDcWb+VKgPXY4wRnHatrXdc07RI4H1K+hsUuZRbxyXMmxWkIJC5x1wp/KqvirVpdB8NalqcFsmoS2lpJdJDJLsWQIhbG7B4wPT0o6COP0XwZo/hJjJpGmxw3rACS6kZ57iTBHEkjEu2TjgNiubtfhrd2PhGw0YX8F1e6XejUbG68l4ozIJWkIcEkgEO6k9utdVeePkj0vwvJHpzXWqeIIla10/wC0CMD915rt5rKVCgEDOPQd6y1+Kmj3VnYPb6Zd3l3cwT3TWFuieZBDC22ZnLMv3G4GMknoMZpIZzlr8PdR0vV7fxPFFDe+IH1C7u57dJDFE8Fwip5aMw5KhIyD3w3Arofh74Xk8H+E7HS53je5g3tMYeU3tIzEKe+CxH0xXY6feWepWcF7ZyLNa3USzRSKMb1YA5I9e+fcVE8ISQtjIPH+fypgZtxLvkGPXpVaS6K4yvFX7i28xsrxVGW1bIXsOaAImuFUcnFch4+m+0N4dsRLMkF5qawXHkSNG7L5MzKAykEfOqdDXUXVuzfdGayNY0eLVLVYZXeB45UnhuI8b4ZVOVdcggkeh4OTTA5JPGt8vwvtNYzv1AqsMlwYWuAgWRo3lZFIYgBCTj1roLjUobXw+2qX08E0MFr5881qCYsKvJjDdjjgHJqlZeHdR8N6fDaaNNatBbQIi219ExD8t5xLpzlgc4wRwRgZrHu/A+pR+Hbeys/EDRJBbxxGyvLYSWbFFI6KBIoJPZ2GQMjnFMDrY0ju7eGeIny5UWVd3XBGR+QxU6rgAEVjeDWul8IaMLuHyLpbOLzI8k7TtxjLYORjkY9K2/m2g4pjR9Lque9NuoXa1lEUixS7TskddwRuzYyM4POBUmzvSqrM2B1PA9vesyGecN8I52+G9z4PfxC0X2y4kuL/AFCOzIkuRJJ5kgKh+C3I3dccemO4tbG4guJpJb7zIGjjjithEqJCV4JXBLYOV4JwMV55ffGe6sdUvgdDgn0uDXU0OOS3uybm5lO0s6RbBkJuGcnPDelepsuyRkHzFWK4yOMHHIJ4yMnr2PpSEcL4g+E9n4k1PxFc3Wp3oh1qC3tJoIQmI4IiWZFOM/NlgfZj3Axh698L21PxHq9lbQ3kOn6u1kL+eVVS0jsoVH+jw4+YltrAg9navQbHxZoV7OIbbW9Nnl/eYjhu0LHyh+8PUZ2nJPTpjmoYfG/hy4jvJ7fXLBo7RVkuZVlXESs2FZjkdccD275oAwtf+E+m+Jv+Eqa5v9Rh/wCEiihgmjheMJBHEAFWMEYwRnrwAx9aoSfAfw7dW+uwSXWqPJrE1vcSStOpdJIWDI8fykZBUcMMDtxxW3e/E/w9FpeoTWWu6XcXVuBEIZ7jaolYYRHwPlLN0BHpWXqXxAutF8Sa7FeT6dZaPpGlwS3LTbwgvpmPlxmQBiU2r2GfmFAG5H4D077dpd5czX+o3WmSSTxSXEu/DshQSMqqACqlsBRgEk4yc1z9t8CdHs7fTbW21TX7WLT1kEKwagYipkYtI2QvBcE9DwM9M11dr4u0wala6Ld3kC68yoktrAjvGkzx7tm7GOmeuDgjjrXQtFkBWGP9k+vf2xwKAOAvfgn4V1i6uJ5otRdZryC/MMV/KIxNCAEdFx1AA56+nU1taf8ADvRNL1a+1C1iuo3vLj7VPa/a5GtfPxgyCM/KWIAzx2rphH824ncexPOO1OwOuBn1x/n0poCNk78mjtipACTR5eOgpgJGvU1NGvrTUG3NOWgkfimspxT6KAIMYzVbU9Lttbsns7y1S8tpCrNFIuRlSGVvYggEEcgirzKKYFEjKGXcM9AMn8Pf+vtQIyoPDOkRW9lFHplsIbKc3NtujJ8uYhgZeernc3zEknOant9H02x1SbUbfT7W31GcMHuooQJGzjPIGecDOMZxXj+h+P8AV7638E+L5NRdk8S+I5NNk01pAbeO1ZpUi2gDhlMIYtnJyw6V2fjDUbjWPih4Z8GreXmnabc2F7qV29rKYZpTFtREDjkLmTdwRnaM0AdXZ6HpunXk95babawXc4Kz3EcIVn3Nk5OM8k7j6nk1o+Y+7duYNyrNk5PTv6cD8q+Yr74la9N4H8KatqAvdbto7bUoLu0064kgumMErRx30hiGWhUL8x6ZYnBwBXtfhfxpolrpfhjSL3xVZ6rrd3YW7RSM+1rwsuVdR6OQfwGcc8MDr2jSRSjQrMrHmNl3KfquDn6U7aVXaFwg4CKMKBnIAB+7j3HpXBWfxXh0/wAVaf4Z8S6Rc6Frt8cWkO5buC5Ps8eSozj76qM4yR1qnYeA7LT/AIs6ZqOjzXTzWNvcP4guZbl5BdmRAIo3Bbbvz+8wFXaFHTctAHp24o2zIQtghM7egyBg+wBA9GpvzMQx+bvubqM//q/SvH/BfhnUfCPxmmOv2Ol6xf63b3V3aa/ZrIs6bGUtbyqzMuApjClcY2+texgDjJ3EgDJ68D/69IBw+bHpSsAD0pm7bwOKduPUmgAC9DSMMtgDNG4VFc4+zzl5PJTy23SZA2DHLZPAwOeRjjmgCTIDcZIHJ5wPpnsKydL8UaXrWtavpNlfR3N9pPlLegI22JpAxAzxnhS3HpXB+CfFHi7UvE0FtZt/wlPgwlg/iDUbIabKmAceUMj7Rk91jVePvHvFp+7xB8RfjLpthfI+qXFhYwwLHOCwc2kqggg5yHZckZxmgDqtK+JXh/Wrzyba6mRHt5LuC4uo/Jhu4EfbJLDIc+YinGSBnBB6HNP8N/ETTPFV7FZW8N5bTT2I1O0N5D5Qu7XeV86Pk5HTg4I3DI5FeKXfhXUPiV4R8FaPokUkd5pHg/UbO/VkZBbXEtolskBbHDF0c7SOiZ7iu/8ABVs/iTx14O1i3tJ7Sy0Hwu9ldrLA0IS5laH9xhgNzARMWI4+5QB6ioOfQDofXvU6ru+lKsfTPXAz7HH/ANYVIuFGBQFhm0dAKRoypxUyKOuOaG+maCkQCMbgT+HFU9e8TaZ4T09L3WL+LT7MyiH7RcEhAxBxuboo46tge9aX4Vma9Y6rqGnNb6PeWdhcSttknvbZrhFjwc4jBAZs4xuOKXURYhuk1Wx8/S7q3uVkUrb3SN58LvjGfk4YAkdGryyz+JWtXvwf8A6m00Q8QeKr2y003KQqohaaRt8ixkEbgiNgHIzjPGa6vwL8MNM+GtrqUuj7rzU9TJmubq8YKtxKAQPkjARBk9I0z6kmsjRvhVd2vwu8NeF7rUbWLVvD1zDd6ffQq7wrNDIWRmQhWKkFlIXsxwQcGmI5rUvidrNp4uufAK3sn2//AISW10tNZWNFnFnNbG6YYC7BKojePcBjDKevNdz8NNcvr6+8aaLqF1JeyeHtaawhuZgA8sLQxypuIGGK+YV3dwB71Vk+E8F01xqk90sXiebWYtejvoIT5UM0caxRxohYFovJGw8gncxzyMdJ4S8Lw+F4dRJuVvNQ1S8fUL65VfLEsrBVBWPOVQKqqo5wF5OTyAbuw8U5Iwkmcc1IvKjFBzQAxlBPSlVKOd1SUDPNv2g5biD4Qa15LMscstrBdOnG21e5iSck9h5bOCfQmo9AgGm/HvxvaWscUOk/2Hps06xqFhW482ZAx5wHMCjrzhU9q9Eu7S3vree1ubeO6tbhGjmgnUMkikYKsDwQax4/BegQ6ReaWdKt2sLtle5huGaXzypXaZGYlnxtXGTxjHSgDl/GUOfjF8MJSqCUx6um89x5EZ25wDj73QevXFUviFqvhK/1S28L3+q6Vp6Weow63qhnuI1mEkb+bHCq53NNI6DI/hTj+IAeg33h/S9S1W21C70y1utStRiG4uIQ0sAzkbScbPbH0x0xH/wiujNfG7bRtNN5v8z7Q1nEZt2c7t+3Oc859cUCMbWdS1Rl11NasH0Tw9FDIY9dsdS825OGAVkiEZYZPQc4xjHNc54B1jxsuoXUurqZPBENs8sOqa/aiz1KQKGJYwxkhk2gks6xtgHCt0PqZ3uzEsS7k5Ynk5OTz70x/MbzXUMSTy3Qe/4c0FI8n8O6kJPif4g8SWOvya/4VvNGWe8upYBKLWeKTMMMLqgLDY8hMfLjjjLCrXw68Xad438Z3ur/AGDVodYvbT7PF9u0ye3Sys0cuEeSRQHkd3LMRnoB/BlvT2kwWkZtqE7dzMFBB6AEnGcdvw7027uhbqpvJ/s8RbbuuH2DOM4y2B0HI60DHIVKgj0BPpz6UrH0pH+VtpG11yGQjBB9vbnH4Gl2imA1ssNuRk9M1zHxC8GN468Ovpa63faAPMV2ms2ADgZGyToWjbPKhlzxzXVqoHOKTncCCQwPDDgipYHD+AfD+qeC9Ln02fTtCW0gAa0/sRGthcZB3B4myEbgc726mqHw30TxH4L+FGlaTNpdvJrdjGIxavfKYpAZdxPmKCBgNkDHUAV1/iTxDYeE9Jl1LUHdLdGWNY4VLSSyMcJHGAD8zMQB2yRngE1W0DxRZeJptTt4o7i1vNNn8i9srpQsluxXerHaWUgrhgysR8vHI4EB5/4m+Ed5fW/jzRbR7FtD8YXUd1NeTyFJrF8RrLiMrmT/AFYaPBGGb0ruLHwDpGl+IJ9ZijvP7Rm3KzXF7NInJ5AjL+WuAozheucVD4u8f6b4N1TQNMvDPJfa5epZwQ255G4nMj+i5+XP8RJx901tapqC6Vp9zdPHLMtvGzmC3QM8h5ASNcgEscADpk5PemBwel/DK4ksfiBpviCSzuNN8VX1zcFbJnMkayoqFGLKBldoIIbqfxGXa/CmXXprRPFd/b6tbW2izaFDHbxFPMimAWWeRmz+8KonHRNpPNb3hz4iT61r+qeH9e8PXHhTULKwW/dLq4jnia1JKGTzE4UjDbweMA84GDH8N/Hs/wARoZb+30eGz8PiP/Rr5dTiuWn5wgaJB+7yg3Yc5GQMcGmBW8KeBbzTte0nUNW1SPVZND0x9KsPKtjGAjlQ8khJ/wBYyxoMDjAJ7jHdwzdMn1/pQ0acbeeOuaijtgrZA/U1DAmmcYqksixxkdMtWl9nHBYZFQy2ayDGPegCnHMv2ibHUinNMVjQBiCRzUixiNsleT1qwLdJtvCgdMtnA9zjtTQHOeJNMGsaXJZ/bLu083H7+xlMUqEHOVYdOnfj1qr4c8P2/hvzTaS3M11dNvur66nMtxOwXaC7+w6AcDJwBXG6T8Uru+t/DviCWzth4V8QaqdJtVVXNzDhnSKVnJ2N5jRNlQo27l5rofih4yfwTY6JKzxWlre362dzq11G0kNihRmV2UEH5mATkgDOaLMCx4s8NW3jjTY9N1SW6WzW4jnJt5/KYvGwZPm64DAHA64+tVvEPgvTtcWGeaa8gvLVJIor62n8qfy5AA6lx1U4HuCARirXw78RXHi/w1Df3kMUfmSyrbzQBkiuoVdljuEDc7HClgMnjHPIqp4m8Sahonj7wpo1vDaPpmtR3QlkJczK8Ue4DsoUkjrnpSAyNQ8B6NPa6NbQwz6WumW7WttNpsojmihIVTHuPDK2ASDzkbs5yT0mlWNnoej2en6bEtrZWkSwQRRElUVRwM9yeSc964LxV8TL3S5vGeo6bZW8uj+DZEj1FJg/2i43KskrRsCFjKK44YNkr6VFqvxXnj/4SrVtLs7W40HwsYRerNuFxcl0WSTyyDtUIjqfmByc+mKaA9OtZWEQAXKjjrUcihJvMY5PTFWLB4ri0huLc7orhFlVvUEAj9CM06a1Vidy9aZSK8twV6DK1lzXEnmbg3y5xjAra8v5dmPlxiqclgig+maBmVNNI7AbxjPaqj3UqlkU7jnrWq+nqzcHA9qwPFetaX4K0lb7UpJ47eS4jt1MMLyHzHO1c7VO0ZPU4HTnkUAUvFQ1bVdFuLDT4tMlknIimOrQtNAsRBJJjXG85C8Ege9ch4d8AzeCfBev6bFqN9rkmowyhLcBYoY3aNlCQx/wJlum78a7LW9Us/DcZl1C4Nussvkw7lLSSS/3URdzO2MnCjOAeKuw25mgSciSMygOBMjI3TPIYAjr3APFMDxyz0DU9P0X4c6vc6bdRXnh4m2v7GNFMux4hG7KqMS+GROAc4YnGAa5rw7ouo+B9ei8SalaXcFncQaok0HlFpbcz3RuIRJEuSN6kjHY177cW3l8nk7uTjPX5c471W/12/7NOsr8Rt5bhijEA4PJweR+dMDlPhfpd34f+GPhmwuoWiubewjWSN8gq2M4xgcjOCO3ArpY5HaP5qFL7QkeJFJxv4bvlhkE4bOc5PpUUckkZCvEyHOdp64IH8uRSAjlmbzdoj4A55qFZhIWyNpqR1KyMxyfSqc0h3elIBJsBsZ59hnvXMXGr3Fv46NhcTxLpzaU14F2bSrLJtZieSRgjgfXsa3Zm8yZSDux2/CuV17w7can4lF15sa2L6VcabPFk+biUqd4wCDgjOCKpAP8G+Ih4y0eLVIobeK2uG328ccnmShM5HmAcI5GMrzjIHHOSTxLpFvb3c1zeR2NraXH2SWW6HkqkhAwo3Y5+YdPT8a5Pw/4S13TppRZz22iN9ntbdgYVuY7t4VZHkCBgUUqYvm68HsKlvNV062vfGjXaW1wpvB5VvcbcvJLaxIqAnjlsjHbnJwMUAds6PjaR68Bs4PcccZ5/wD19nqPlGDjHGK878NQJovjy3sUmWeFdPjhN5ywlkSCJRCSDjohcf7xA716MrBlHr6jvxQtxo+m9wFZ+tXl7Y6TeT6dZNqN8kTeRbKygu/RfvEDrg8ntV5oyW9qbuWPljtXuxAIAzycd+M/oe1SQzw7wB8JdS0zWvBOoNoMXh+60UTXGrahNPEbjU7iVWZolVGYY3ty7HsB6V7La3F+2jLctYC21PymIsWmD7XB4Qkfh+ZrF0f4laF4g1G0sbK6nlkuzIttI9vKsNwEBLFHKhXUDuD/AHcetdNwy5HIwp64GD0P5UCPJJ/hHqOk/DzR7GxsLPU9ekvo7vXHeVY2vFeTzJohKRkJ5gUAAgFU6E9eT8SaDrcMGp2eoQaYfFetazDqlktveJ9nW2s9gRWZwqYVc/IeSXyRgEH6LXO4rtKMo4+Q46cHAGcdvxqKfT7e/CLcWcN8gJ2rcRCVepzjcD2/njvQB4zoPhe48ZaLpF5pdk1o0niY6lrzaxKGkuHhHybGiBWRAwTAUgAL0OTnRuvhn4m1Kyvo7u50sS6n4pXVr794+2W1jcGONjt6gRxDb3Ab1OfVvs+Y1jjjURp8oyu1VUfd+XsD6e1SKrBUbYyqo3fMCvHUcfgaAOF8L+D9Zh8d3XiXVHsbaW4tBDeRWcjSLczK+IpgrD92yxDYecnOa9AXv6HkUn2doRyuAvADAfXHX3z05xT9wxwOD096kAGBTsd6a3rS7j0poBVpwGaTcAvvTlPpTAD0wKXacUlPWgljeaf1pO9LQIbnqKbnawI+8OV4zzjjjqfwxxUm0twAx/3Rn/8AVWTr3iTS/DFjcXWp30MCRW8l0U8wCR441LOUQnc2ADzjFAHP6L8LdO0i+05xd3U2kaXfT3+m6Y0Q8q3mlyGO7+IL5kuwdBvPoMT3ngN7z+ybuXXb9Nf05Z4o9W2RCVo5sho2ULsxwmMD+EVU8K/EC91bxFp2l6lpMOm3WraUdZ0/yZfMIhDKGimzgh1V0PAx8zegqj41+JV9o+oeJrXRbO2uovDGlJqmpyXTlWZXDusEe3o5jjdiTkDCj+KmBqQ/C/SdPj0xNFnu9DGn2LabH9ndHLwOyuyyBwQWLqW3AZ5Jzmuj0PQ9P8PaPZ6Xp0K2tpawLbwbD+8VQMct1zyTnOcnNeYa18bZ5NO8R65oltby6D4atLS8vmuGIln86MSmKM5CxskRDHIOSRV/XPitdN8TtL8K6ZdWGlQ3QiZbnWbSb/T3fDeVbuCqFgm0nJzl8Y4OADt/DvgzQ/B6yf2Rp0NpLMcz3Yy9zKfVpXy7H/eJrD0H4S6D4c1I3sU+sXEnnSXDJearNJG0jghn2F9pb5jyR6egxu6X4z0PWNYutLsdWt5dTtWZJrFm2TLjqdpAOPfkdPWsrUfEmp2fxW8NaAkluNHv9PvbiVVhJlDwmMLlt3ff0x1xSAu+HvBul+GJC9l9onuthjFzf3clzKiFtxVWckqCeuDzgZzgVvxALHwCR0ya8evPipqkNrf+KFuEGg2fimPw6NL8gfvIfOWCSbfjO/zGJXBxtXHU0tj8TtXuLfRfFTTbtI1DxU2gLpQiXatqZWgSQvjd5peMuedoBIxQB7Ht70rL8tMb92cZBOOuee/b8qcrZoAEXJGeefQn9KRuFCEht2RhSpJxycDOWx6AevPFP2lvlBwSD3x2/l6+2a+dfGd/dTaL8TPFSGU+IdG8VW1jpbrkNBHFJbBI0x0WQSMSvVt464oA+ijI82GyZG9FJJIHIA9iMfrmoYZLeVWMTQyRM7BjCFYEq3zLleDjBHf0I5rl/ip4ubwjp9tAFvoZNSuGge7sbGW4+ywjmV1WNWIbB2pkY3SDPCkV598C/G1rpfwd0VbbRPEWpKl7fQKlppckjIftMki53EEnDou7puU55BoA9fuPEWmJrkOkXWr2Sa1KN8enzXUYuHHXcIyd/T1HZauahqVtpumz3uoXSW1laxNLNdTsdkaKOXJ7dvxIrzbxl4Z8O6x4g03T44bTT72z1W31/VNScIs1rtJZEZywbzJCNojz8qB/UA9N480Kx8aeHptFutbk0dpLiImWxuIRKsseJFjO8EHG0My9wAOO4Bt+HfEmleLNO+36NqEGp2LOyedbHcm4cMM/WtMIOa5D4Valq9/4S261dpqd1ZXtzYRalEoSO+hik2rOqr8qlsHIUkEjIwK7CRsDigYDgUUgbNFAA24qcDJx3zgemcA98Vxd78UNMtdVmga0uZNIg1SPRLjWFKiGK+fG2IqTuxl0Rm6BmxXZsQvLAHHQHpXhd54J1i40TXPBP2K+M9740/tlL/yGaD+zzdR3ZmMv3c/KU25yXC8YHAI9b8aeIj4P8H61r32CbU/7NtJLl7WGRUeVUBJ+ZuBxz9M1T1bWdck0bSp/DegJq97qEYlWOe8+zQQqVVjmQI2TlwANvOSScA1Q+JUl74i+G3jWystI1Br64trzTre1aHLXEhVow0YGcoSRgnFU9e1TxHpvgvQ7XRvDmqahezWsUF5JAYUmsIkjAc/vHA39VAPAGT2wQDe+HvjCPx54P03XxZvpZvldmtXcSGN0kdGVXGA/zIdpXqCDx3xNe8XeL9B8WaEk2kaZJ4b1XVRpSRpNI1+haN2W4Y/6vbmNmK8sF5qxpWhahqWg6Qiy6v8AD+KzBjXSNNubeQNGGHl+Y219xwA3ytwHBJJ6UpG8Z33jtbyXwxpyabazeVp9xcavG4toXx5lwYUXLSuoPRuEIGAS+QD0oLsJAO4A4B6H8RTl5qINhj13AkHPUHJyD+GCPqakVqAEK0c8cEk8DHv/AJ/PFK1IT8pz1xx9fWgDynxt4+1pr34gPo17HZQeC9MguzGYFdb6do2nZHLAkL5aquUIO589q2PiB8QJ9H+F0ev6QPKvdUFjBZvIA3kSXbxorEdDsEhPPBwPeovFnwvu9Z1HxV/Z2oR2dp4rsYbHVFdWM0Xlo0ZltwowS0TlQDxnBPfOn4m8CjxNoOq6Bd3tvaaA9vax6dHbQkTWckO1lkdi2HAZI8DA6H1pdQOYbXvEmmeJvG/g7SZJte1K30a21LSJtQmRHSSUyRMskmMEBkEg44DEelS/CzxdZWnh/WP7d1XWNN1TT71YNSh8X6jExtpGQNGEkAVPLdcsCMd/7tbsPgrU47vX9ZGuW0HinVlt45NQjsVa2gihzsiELyHOd0hJL5y/BAAA1tP8I20K30mphdZutQkWa7nurZdrlU2RLHE2QixjgYz94nOTVAZ/iH4ix+HY01KTSb7UvCzQrL/b2kslzEg7741JcDGCGQMDz0rlvi1rVh4o+FOl+I9H1J57NtU0uS2u7WaWNXVr2KNwVBBYbXIKt7ccV2OqfDrw9rmoW1xqdgmoJaoqW+mzSbrGEg5Li3GEZie7A1a8XeC7HxtoaaPdy3VpZLNBPtsWSM7oXDxgEqcAMAcDHTHTIKGcb4mtYfFnxyTQNXiW70S28NzX0VpIvyNcSXHlNJt/vqgUAj7u/IwTmvM/gxqF58SNa8O2XiyMalp8HgySSL7THvErNePDJMT0L+UiDf2JJ717/wCJPB1h4imtbi6ku4LyCKWCO8t5zDM0UgHmRswAGGKqcDkFQRiql98PdB1K1023Ni1vb6fbNZWv2KZ4Wjt2UK0RZGGUOFJB7gHrQBifAPUNQ1b4MeD7rUpnnvJLEK0khJZ1R2RGJ/iJUA5/2hjqa9BX3qKztILK3gt7eJYLeCJYYoYxhERRhVA6AADoKnPTii40GaZuxzQuW680jp8vpz/kUbjPPfjbptxeeG9EvbdHmi0jxBYandxohb/R45MSMVHJCht/HPy1j+Hb630/xx4/8aytMfD9/Jp2n2k8MLyfaXjUI7qqjLIHlRd2ABg9q9YZ/s/zu4iA4Ludu04PBbGM8gU9fMEu4Blk+XI+6fyzyOmO2KCTwP4leCfHra9YalbPoV8ZPFdnLG4guJJraGN3WJJcEAQxqxLbcfMxPc16hN/wkmhX2papqWp219osUcjxaXpGlyfbc8BQp807mHPAHJ6kCugtNSs7qaaG0vYLiW3O2aG3mV3i5/iAPGc56etOvLqHS7R7m5uo7K0t13S3Mr7I4VHRi2QFz65HYegoGjy7wb4hl1q81nVL/wAH6/DqNzZM1x9q07ZFFbxj93ZRb8eYzbzkYAcuxzjaDN4P8L2o8eX3ifR9CuvDGk3unLb3Npc2n2M3V0JNwk8gEgbE+XcQCxc9eteh6bq1lrFnDd2N5Dd20nKXEMiuoHcBlPbnp0OenfOvfFmiWOrjSrjU7WLUndY/szSbWEjHKxk427iOikjqcYoGaUUIKgngetTLGqcg5pY8bMZyQeeMfhjtj+tONADcbutNKipAKawGPSgCtNtHUVFb4MhDqXi5DKvUqRgge+M0+4G4DkE5GMnA/wA//WrF1nxVo/heGF9X1O304T5EZmYjfgDewGCcLkFm6D8qBo810n4RavZ6b4X8J3AhbQtB13+1U1YThnuYkdnt41jxuDbpMHJwAvHWt/xv4d13xppunx3ujWtzZW2pyS3uirdJKuoWqq6xFmbC5DbW8tyBx1OMH0ON1m2yQOJdy7kaM7iQQcc8ZB4wfQ561j6T4s0TxBcTQ6XqlnqMlv8AM6wnIChtobJADLkEZGRwcmmM4Xwn8IrjTvCyaZc6vrOixR3k81lZ6XqbB7W3dh5UDSEHeEC8cYAOASAKu+MPC+qX/jbwRqNhZ/a7DRjc/ap5rlA+JIvLX7xy5G3ceOcHmuw0bxBpXiB7yLTb+31D7JP5Fx9lcOI5cBvLOCRkA+oOCfSqFj488Oa9r91oWn63Z32r2rP59nA+54tjAPux90BsL9aQHm3ir4X6veSeP9O0uKGew8Z+Wz3jzpG2nMUVJ2ZCSWyi7l2Z56g9RS1f4P6pZWPjTw9osUdzpXixIlW+klUfYMRpFN5i5yy7Ywy7cgscE9q9i1nV7PRdNmv9Qu4rSyRhummbCB2OAo6kkngADqRUel61Z65p8OoWN1HeWcuWjljO5cg4IySMEEY55yTQILGzj02zt7WEMI4Y1jXd1ACgD+v04qRzuqqNasZtYm0qK+t59RhXzJLOOYNIikgAsoyRnPbqQPWqNr4w0G912bRbfW9PuNYhH7yyiuUMqkdmUElT6jqO9A0aJzmopBmppO35mom70hldvQCvN/j7LHF8K9TM0iRD7TaEGRgASLmJsZPsCfwr0iRRmoWx90gMp6q2Dnv3oQHiHxEs5NS+Knh2/wD7dm0Wxj0K6l0/Urfy/KF15oZgTIjAnZtPGDjIHU1q+DPGfibXvD+gTX/huWNb6yWa61q3nt444GYHMhhdt+MgN079PT0S+i0/UmNncpZ3jxYkNrMqSbO24oclTyeo9Ke8auhDRgxY24KggZzx6Dr6d/pVoDyXwj8StQvvFKaDtj8aWJZl/wCEj0e2eOGLaek4ZfLb0zE5+lc/rjv4b0P42f2SFtJoJfOVrcFCN9lEWcY6EKWP517n5aQokSqI44+NirgLj2GMDnrjmufg8KaXZXuqXltb5l1Pi9WS4kkinGNvKMSPu5HHbigDwnxhdz+D9YOg6K7WGk6raaVJNFExQRmW78mRlx0LoF3MuMtz15r0HwLdyWviDxjoAlmltdLvY/shuHLyJFLCku0sck/MzYyScAVsv8M/D6WN7aGK5lF5FFAZri4MkkccZzEIz/CqHke9WNB8L2/h1b2RLia/vdQmFxdXl1tDyMEVVGFAAAUKMAdqALbrk888VVlhBzxVq4lWNWzwQOtQrNHMu5GyKAM+S3VeQMGq01quRg/hWjJ354qleKklrcB5Wt08tt06YzGMfe5BHHvxQBmzxbdx42DlieFH/wBb/E+tU9Us4L+3kt721hvIMYeG5jEqc9sEYx/hXDz+JrjxF4D8W211BcXlpa6fK9rrJtJLaO8+UkBFYA70KjcR8pzxxUfiLxNcaTrF9qYuJFi01bNIrMMfLkilhd2+Xpu3856/KRnHFAHSW/hnTLK6tJrSD7F9lRUjhhO2IbQVUhRxkBmH/AjW7G2VHcjvXO+DNWuNSt57a+lFxeQJDKZlQKHWWNZBwABwSR+FdGE29KY0fUNYPizxBp3h3STc6owS0nmjsyGJAJlYJyewG4kk9ACa3euKjaFbj5GiWUddrJu9uBg56/zqCGeO/CjULfwnqureGZNSh1bw1pFxbQaDqxfewNyDiz8xchmGO3RTzziut+KPjKXwnpWl20dx/Z8mq3yWTX7Jk26FC0jAcjcVXYo9WHFdjGsHlrDD9nCITsih2Da2edqjoQcc/T0FShlXKjj5t23HQ5zn60hHzSvii9udJF5a6r4gt7LU/FUNpbqzTGZLO3Xe2MqSTJschQeN6A4AIO1pOqeKPiVFpKpe6npNxrHiG4vpfmeNbCwtfkEYAGGLEJnsWbPavflldWBD7cZI/Hn/AOvQrNyN5IOM8nnByM+vU/nSA8FurHUdU8aat4OfVdXtLC3ggi055mnlu7nzsyTThlAVmBbYGY7EC/dOaof2lrcmvX9lHaeI5dL1bxQYrq62Tv5FlaqAEjY95fLySMAK2OS1fRizNtMYY7CckZ4J/wA9PSlaZ1xmRiMY+8c49M+mf50AeV/Da1m1L4heINckju5LORI72zuJvMjMTzLh7Vo2AB8sIpB6Dea9S3bcdOgGPTHQUNMzEb3bGcr+NMkcd8UAS+YNoFPHNUo2LsRnHuatxt5i/LuPrxTQDwoPWpFAHNNHr09qen3aYDdxZsAU/pxSZw1HVhSAVetKc9qXb6UUiSlq1rLqGl3lrDfTaZNNEyJe26I0kBI4dQ/y5HvXkVn8FdTi0HxHoV6dK1dta0ye1bxW0kp1FndCAJhIXypOM7GCgA/LjNezso3ZxyOR7UbdxIzycncT04z1/CmhHmei+HNdk1rTvEt3o8a32h+GzpNlpi3MeLq4fY0hVl3LGmI1VS2CTJ93ANQeIvhxr15qnjVdPjg8nxlp1ra3Fy1wANOkSNoZGAP+sHlkkYxl1x0IrpND+KGmeINU021SC5htNYE/9k6lcBDBfmEjzCmGLAdduR8yrkmn+KfHg0G+TTLLTZNZ1VrKbUHtYZFj8q1TAZmyOWLNtC9/wqgOLvvgveWun+K/DekPAPDvidLKOa6nm2zWiRxJDKBH/wAtC8cS7cdSTn7tdX4l8N6v4uaPSdQstPtfDtnf2t1bXcd08t1IsDo6qsZQCORmUIzFjlT7k1RuPjNYXlhFc+HbGfXozpB12fZKIRDaZwBnBzIdj7V4zsbngVHrHxitf7S8N6d4Zgs9c1PW7NL+GK71GOxUQNjy2+YZYsWwFXptPPApAWPEHwli+IGvLeeLb8ahaWtwZdP02wh+yrGAflMkwBlY4H8Dheela2o+GNTvPijoPiVZLNdN0zTrm08iZ3E7mYxsXxtI4MSjn1rpvtEUNqDcMsMUaB5GyNqAct2AIAB968q8MfHSPWvDfiXxVPDpcfhLSLeW4Ellf+ddswzhZItm2JivQEk5Ze2aANRfhEFmmsRfxHwvJr//AAkS2qxsJvNBEohLfdEYlHmHnPy4HbEmk/B+LTLiwszfLceHNL1ubXLXTmjJl86Qs6RySE7TGryO4AHOVznBq14Z8dajeeKh4f1ywtbLU5tKj1eAWkhkURFwrRyZ/wCWiMVzjg5BrtmdUAPB/p3/AJ0AP2lsgsSAe5/l7UgXaaSOQBePTAHp/nNMmuBGvPXGaQE3LZHJHfAyfyrn7vwHoV9rx1ee2Zrpp4rmVBK3kTTxjEczxZwZFHAJHoeoBGzbzb1R3PHXOBx/np+NeO6r8V9YisdZ8VR3KRaToviaPw+2kiNSJ4RIkU0rORuEm+TIwQuIzxzQgPY9L0+HRpr2azMqPeXLXUxaZ33SMACRknaMD7q4A5wOTUekaRZ6Dp0On6dbpaWUO8JCu4qu92duSc8s7Hnu1YXxW1DUNB+G/i7UNLunsb+x02e5imWNZCjxxlh8pBByQB0rQ0zXLeHw/pM2qalaWb3NpG5e7mWLdIUUsACfm+Y9vWmBR/4Vh4QbW21s+GNNm1bzzctePB5reZ13kkYyCB9MDHStKbwjoWoRyQT6Fpt4k9x9vdJbNHEtwR805BHMhAxvPJ45rxrxF4+1n7D4l8XwX11byaN4uTSLTT/NP2b7Ks0MDoydCzF2YtgsNy4IBrt/jhqGp6P4XsJ7CNrthrECz6RDK0M2pR5YG3iYEMGLbWGCM7OeM0rMD0SOMQokaIEjjVUjRVwFQDgD0+g44qTG7g1wPwX1iPXvANvfw3r3UU11cstvM7NJpwMp/wBDbf8ANui+6STya72Fj1NMCRIx2NLtCsMnjNIzjHv2ri/HXxU0jwLqGn6Tcxz32uaku6002HZG0oHUmSRljUfVs+gNAHYyyLFCzsQFAwzMSgUn+EnseQBTX3ecY0Vl+b5QYyCcEnp19yQO+QK8puDqPiz4v+EtA8V6bZra/wBh3+ovp0cpurbzzPFErOzKpdljcnIXCl8g8Ain4F8Q6s/7Lc+qW8ks2qWujaitlO53u4hMyW7f7RwicjvgjtQB6tHcW9006wT287wv5c6xurmNgM4cA8HkHnHHPrhug65pfiC1ll0rU7PVIYG8qR7O5Sfy35YozISAcHgHBHPpXkfhfSLC18afDSy063jk07UfBc41RYjlbiIfZ2jeTH3iZJHwx5O5sEY41PC8d94V+KHxDWXw1BNNc2Vhf2segKAZLdS8CRFHCKJSd7E8AjHpQB6Xr+vab4ZtEutT1CHTldyqSSMd8hGWOAoycLuPHTk1LZ3MF5bwXNtcQ3NrKoeOeGQMjoRwQePl9c/7VecR61c33xy8H3+rabdaBZPoGprBbao0QeO4E8Rk3bGZc+SM4JztL47g4fgGPUJf2bU0i3uFttf1HR9UfSLRpRHcNG0k/kbATuwFkiweMbx0zmgD1Lw5410XxRdPbaZefaZ1jEioIZFEibinmRlgBIhbChkJyT7rVzR/E2n67eXcWnNJeQWrtDJeRRn7P5iEB4xIeGcE8heBgg814DqAvvEWleCZPBDGXUNJ8BX8bC1GJLYyW8EUEJwflcyo21eoMbE+p6f4OrNpGq+FtN0DXLrV/CUvhcTXtvdusi2NwrIIwpCKY2YtPmL1j3Hk5pAe3tjjFNUndxnjnjrTVbHB/hAHPXOKUY3AkEjPOP8A9X+fbrQgBcMqEAFcgDnI47dOv+fauEm+Ldnb6g0gs5X0CHWl0F9Z88f8fhwoxHg5j34i37gcggLjpzl94S8V/wDCXDUPFVnJ8QdGF4HtINMu/ssenIGBTzLIgLOVxnJkc8ZwKyG+HesNoV34EkspiJPGB1caqFzbfYPtQuy4kPV92Ytoyd2D6mmB6n4w8Wt4UGkWcMS3uravejT7GGaUrHu2vJJK7gErGiIzHAycACsmx8baz4g0nUhpGl6fDr2m382nahDqF3ttbWSNVbfvGGdXV4yvyr97BbI5peNtI1PxFq/hrXrbSL1JvDOvTSyWcjRxyXls0LRNNCN2MAuHG4qSqMBzVPRvD93o9j4kudS8KT+If+Er1qXULvSrd7c/ZYGRI4hIJXVWJSPJCk4J65GCAdl8P/E9x4x8F6NrlzZ/2fJqFsLhrXeSijnBRu6NjcpxyCPUY4vxR8WNQ0uPxlrNnBaTeH/B+oRWF9AwLXF1xGZ3Rw2F2CUbQR82x+egq94V+FM+j+B9O0U6/rGhLaT3Uqx6FemNYY5ZWeOAuUJYRoyqMEYJIGRyMnxJ8K9T1CLxtoFnJAuheL7+G+ub2eUia0UiNbiMRlf3m4QfKwIHzt6DAB6leGb7Lc/2e8Iu2jcwSSRs6FgCRlQQSPx9PeuK8Ga7r3xA+EvhzUYNRttO1rVbSKW6vUtw2zIYsYoWBG8kKoDZAySRXWx/2l5mqr9lsTboFTTVW4cmVTGMrN8ny4kOBtB4Iya4bw74J8YeGfg3pHhLSb3SrLXLOBbT7czzPCI8ks6gRq2/kY4x15zigDW+Fmqa9fafrtrrt7Hqjabq89ja6pHAIBeQoF+coOAVcvGSOMx8dye23Y7VzHgfR9c0LTTaa5PpDCPYlpbaLbSxQwoF+bJkYszFj1PXGepOeoZgqk1LGNU89KUgMpDHAPU9qZHIJM+tEkgj74I/GgDzfxRbr4i+OPhTw/qlst5ov9iX1+LOaMSRy3RljiyV/iKI5x6b89qb8A7i51L4XRQ3byXQgvNQsI5WfLNDHcyRIQ+DkBRgE8/Kee9dlr3h+w8RT2rXDXEV3Zbmt7uzcxzRBk2MAwI4Ixx6gHqM0Wvg3SNPt9HhtraWyg0uF4LSC3uJERFddrbwrYdiOctk5ywOeaaEcVpXgfRLH4oW2t6Bp8Gn2mi2FxY3k1jGR9uuHKMsWeDK0YViWOTllB5DAY3xE8UN4l/4QdBo+s6ZpS+KtPjvv7WsmtUlQpK0YwxO4CQR55AztrqvD/wk8HeE9Wt77TtLmS4tizQtcXtxOiMwIZgkkjLuOT82M85rstS0u11qynstQgS7tZhh4pOQeQQc9QQQCCOQQDTKR518O/Nt/iH8VYfuaRHq1mY1B2qs8lshuMDOCxbYSARk9eTXmvi5NS0/xZ4j1O1L33w+i8T2smt6flVuF1ALEfOiOPnhEjQ5TO47WCYUkV79J4V0GPTE0z+y7P7ClwLvyXTcDOG3CVieWfdj5iSeBzUF14V0e91k6pcaTbvqLMsj3Dx4aR1+45HRmXjDEEjAwRgUhGrGwx1PH9707fyNPDHPXNVmYMzL3zmhZCvSkNFtqZJ8y4zj3JAA9yScCmLPuIBp0jKqE7sHPY4NNDPKfid8TNW8L67DpNvpcekabMqM3izWI5JdPXPzYVYx1H/TR4x8vesPQ2M3xguJNW1e31yxuvBy/Z9UAjEEqC4f7QybSUCnKZ2k8AZ6CvZJ7t33+WxAP3gD1FYd14R0TWrK3tb3RrC4ht8mCGW3ACA9QBgcHv2OeRQB5x4Bk1ab9l22tXmkGvT+HLs2cU0uLhl2SeVtDDOdoTHpvX3qloksk3iH4HvpQXP9gXSTmE5EdsIIMA85AExAA9c9859lbT7L+0rfUPsduL+1iMNtdLEFeBCQSiEDgZA6elUrHRdL0W7u59O0y0sZ5+ZZLeEKW5zhiBnkkn0JOetCA474cKsPjz4qwj91GmrxOXXHybrKEk8jrkN69OeM1k+FdG1L4Z+L7bRtN1WbxX4f1DTbm8jiufKN5byRMpAEqhQ6SF/vPzuDelehWXhvRbDULm6stIs4bm+Gy6njhBa4z1Ehx8/YYNT6B4Y0TwnHNDoukWekRz43paxCLzeoG4gcgZbAPTJx1pgeUeOdc1TV/Enw3utQ8P6h4esbfxEY5Y9SeJss1vJ5EgEbsPvEgHP3ttaXwrMlt4m+JJVkXTG8SNHbsHAR5Whj8xVOTn94SMdcluOK9F1iOHULV7K5s11Czn4kilXMbBSOo+uCCOhFU4/Cejf2bZWA0izWysplubaAQjZFKpLCRRj72SeepzzQBxU0aW/7QTyBFV5/Cqs7HALst03J6EnB/ADPaq2ueGdF1Lxp4ah0+G1soPDN3LeXt8FVCskiELa7icszF9zjJ+4h78djHoOjzeIE1s6TEurwp5C6gS3mBP7vXhfY8Z5681iW/wAH/A0etf2onhSxTUlm+0edtcnzOu7k4Ynr0oA68DcgIAAxkhTkA+mfb+tQndzkcVJdTbFySc8AKPx4qst0WX5lKkc4oKQrrUCg/aYuMjeDz04OamabcOKpSXAWTB4Ycgn1oGfOOhzTWfhnwXrwjVfEdx4wntL6424knSWW4WSOQ9SAEUhTnbgGul+P3m20nh25t9NTxHNGLxB4ekDEzr5YJnTA+/HtC5x0c4INekL4L0L/AISAa19hJv8AzWn3eaxiWVlKtKI87RIQTlsZOTzWfeeAtNmjspI7rULW9s5ppra/W53zxeacyJmTcChwDtPAwMYpgc/4F8deG7Pwv4VsLnxXZ3VzdWUXlNNLsnuOoOEbkkMGXHUYrmPhp8RrjxNqmm32vxalZX3iBp30hXYCwEaY/dxhHPzbfmJkGeTjgYr1LQvDem+GNOtLGzt4zDan92ZwJHYlizHJPUknIBHBPpXI6f8ADCy0m9sEi1KZtO0uWabTbCSNT9nkkBBy+751XcdoGODznFAGd8UNbv8AwzJo+p2fiAafFLfW1rHp00KC3nVpAJTLMULA7ScMCozgdSK6XUGf7QMFiq+mcZyc/lWT4h8La/4k0iTRL7V9NuNNvLZIL6Wa0eO4lYNl3TDleQqgZHHUYNdNJDFkDcW2qFDMc5A6c9z1pgYcsjNsyO3NVVmEeOMDBrbmtkIGB0qlJp8b9sUAZ8l18hbg1VN2WYNt+X0/Srt1p48sqHx6VTfT3CrhvlHU8/TsD3x/nigCpq8dvrFlcWl5ult7mMxTLvZSykYxuBB/WsO78G6dqlzZtIZUjtxFHLCGBE6xh/LBJ543tznngHNJHrb3F5daJexSaN4gEDyRRcSJIoyBJE+MPjIyCoPqK5a38bXy6bos7JDIzabFqN+8qEMUMiRnbggDBLMT220AdR4W8Nt4eFy0t0lyZEghj8sEBYoo9iBs/wAZHJx61u7gelc94Z8WReIpplELwp80ls0kgbzoQ7IHwAMHKHI91rajcmRhTA+pC23nGe2KwPF1nJqnh+/0uHUP7Nu9Riks7a5VtrrKUY/LweRgnp0BrfK71I6H1rF8QeGbHxF9i+2G5RrGUzwTWlw0MkcmCN4ZSOcEj8agzR4Zpeqy6b4cdNJ0q08O/EK1ubfwlNGsW+AyyOrm5TBG4FB5hLchVOa9B8L+K/FOveLNV02CHTZNB0a9jspNTkEiyXJWJWmCLk7nDMBngDBFbsfw18MrHZ7tO+0vBeNqIllnd2kuCNpklOf3hwcYbIxxitODwtpMGh3GkR2Sw6bcNJJNErsu9nYs7Fgd2Sx659unFSxh4u1weFvCmsatKQv9n2sk37yNnBdVJUbRgsSf4QefUda8zXxx8QLW3vrW+/sk6nB4XbWLiO3tXZbK4B+SInfh2YCT2/dnGRk12XxE8HXnjDRtP0W1+zx6UbmBtRSeRo3e2jkDtCjKD97avXHTrnFWdQ8HE2kum6OLXT9LvjINRk2STXNyCoGFYnBO3Iy5JA6Y7AHFR/FLWL+HQ10w203/AAkQtLWwneP91FcNE8tzIWDfvFjQKAoxlyVz6Zs3xU8QxzNaLMk2nN4n/saPXlt9zPCsQaRkiAwzCQPGMZGR3616jL4P0W60mx0ptNt2sLEItrbgMvlDaV+XBBBIZg3PIYg5BrmPGXwpXxTPpiqNN/sewtzBFpF5byCGKTcCZUETLhthCjB4wcUEnJL8RfGunT6ZpV/tbUdYmu5bdfs0Uc1tZQk7WcM4UTSZT72FUMTjjFZevfEDxhokTBtestum6BPq+rXSRRyRxM8jfZY1OPmfCMvHykrn2Pqei/DXR9P0PStM1WCLxI+mhvKuNTTz3jLNuIXfnav3RtOelb91oNhdW9xbzWNtJbXIRZoXhUrKE+4GGPm244z0oA8cXx94m16QaDbX9tY6jYaVZNdalI8UUct7PHncdynMa4HyouXY7Rtro/DfiLVtU+Lraf8A201xoUlkuo2zWqJ5dxEi+TKrhl3o5mO4YIGMjtXoX9gaa2oRX/8AZ9mdQiTy47prdDKi/wB0NjIFT6XothpJmaysba0klADtbwqmQO3A+v500BqfMvXjHrSpMd2KikfHByG+8RyOv1+lNjYN060xotb/AJqXdzUK5b60vPWpYydWNOZjUQk4ApWfmgB1V9Rs21DTby0R/Le4gkiWTJAVmUgE8dMn2+tTBqZIwKkHHpyPXjj0600SeJeCfDOpyQ/Cyxn0y7tV8F2t0dTZ7dkUzeQ0EcceceYzbmf5eNoBz66GqLq8fjiTxhaaDqdxbat4X+wRWvkHz4LlZmkRZV5MYKvgt22n2r1PVNcsNIiWbVL62sIZCVV7uZI1YgHPUjPT8h7VMwC73dhjb80hcN0Byd3TH6cGmI+ePDfws8QfC2wvbW00+TXbi/8ACdrpIa12sIbyLzQUc5yExOrbscYPeuk1r4f/AGrwTbeA28O3F5faZptrb2PiSQQCKGVUAaZX3hwyFWO0DnPTBOfT9N8TaJr1ldXFlqdpeWtpj7TIsn7uIYJG4kDau0Hkg5A4NSaD4i0vxNbzTaTqEd9FE+yTyydwbbuAZeDgggjjBHsKl3Aw20jVrXVbzWl13VdUtordmg0RRBFDK2zCqZCpYFiON7dWwQelcn4g+FNx8RYvFF3cacfCN1rHh9tIe3M0bmabfvE0ojyuFwqDJ3EFs4+UV6Zo2vad4gWWbTbkXsMZ2G5hX5GK53hHPDgHPTIAwMkkVleJPid4X8E3kFrrGprZzMEP7uKSVYVZgEaRkGIwSRgn0poDI8M+GdUuvHMPirWbVdMnt9Ej0iKzWZZSzGTzJpWZflxuCKozkAHIHFdy33TgcdalZVjYrhc8H5SMZxzjB6dO1OwCuMUAVjkM2MhajaNWkJIJO31q9jjFIUHekBUhjbbE391WBA6/5/8Ar1543wpE13c6e92jeHNQ15fEU1mYyZ/tAZXaDOQBCZURyeTjIHXj00KNpHXdxgf54Hr7Zrjrj4nadHq8kRtbhtJXVU0R9X3KYBfP0h29du75S3YnHpQBN4j8Nat4o8H+JdGudXt/M1Vbi3huVs8LbW8owq7Q+WcKSSeB6Crdv4Q0ubRdLsdb03TdWm02BYlku7JCFKqoJVX3Fc7FOR61N468WJ4H8Jarr01lNqCafA0720LIspVc5ALkDHf861rGY3lrbuEdBNGsm1Tyu5QcZz1GTznrgU0Bx118K7K71O4uFuJv7JvNUj1ufSAqeS96oA3eZjOwsqsVHdF7ZB1NX8Fx65HC95qt+1/a6kdUsb3dFvtSVKeWoKbWXY0q/MCfmFc/dfFwW91Ne/2fC3hm31xPD8+oLMxmNy7bGkRdoHlrMyxnknJz0Fdf4ml8QrDFb+HLWyn1CaQ7rjUpnS3gC9SwjBZmZiqqBgdSehzQEvh3w/b+HLGaC3eSeW5uZb26uJgN808rbmc44GRtGAAPlFbEZArlvhn4rufG/gnTtavrJdOvZjLFNbo+9A8cjRsyMeSjFCw46EV0x+9xSAlaqWqaXZa7YvYanZW2pWDg7rW8hWWM5BH3WBGeTzVoHvTSwoA5ef4Y+HX02wtIbKazh0/zfsjWtzIssSyDEiCTduCEfw5wMDAGK1tP8O6XptxYSWdosH9n2n2C1hR3EMcBC5Tywdh+6OSCfzrSdgV5rA8Va+3hfwzrWsLEsqadYz3m1jgMY42cDHfkUhBY+A/Dum2d1aQaRDFb3kH2WaOSSR90OSfKG45SP5m+VCF5PHNXtB0XTNAs3g0iwjtICwZxCrOzYG0EsSWOB0yeOgryfwdrmsaP4o+HKXmrXOpDxZotzd6lHO5ZBdRRRTb4l/5ZriUptHBBQ9ck9B8UZ7i1k8DTWl7c2kjeKbK2k8mQpG8TF8hwOSOM49qQI9B1TRrHW7P7PqWn22pWiuGWG5hWVBIv8QDAjPPXrz7U6SGCS6juPJh+0xKyRzbBvRWxuVG6gfKoIHXA9K8p+Mvg9dc0a+ube+1JPEtyUttCjgu5IVhuCc/6tDtkAIaRy4ICjHtXqi2/kMY5H82VPlZvUgAE49zzQMnt44LJZDDFFC8j+a7RoELPjG8kdW9zzSrIm5wscaB/mfYoG5umTjqfeqp3bvu5qeJWPUYFAE7TcDnp/n+lOW4UKScHHrVdkdugwPSodsnQLmgCeSYSKuOB93149PpSk/vAckgc7R9c8D681CcqASQG7DBPv6V5z8Rvipf+GfEkGiW2nw6TBcRA/wDCUa6HXTImboqtGTvf1BKYpoDvtc8WaR4Zjh/tTULfTxNzEZ3K79pySQB90ZHzHpk88Cp5Ltbd2klfyoYkZ3kmcKEVRuZieeANzZ6Dr7145G0knxB8avr2ow6zbjwLA1vfLGiw3EJac3MiAEjaXCcAn+HpxVHUrHWJ/wBk82CyNL4m/wCERiee1En+klNq7yUzv+4Cp45OfoWB61pvxF8P6la3d5b6nF9ms4RcTSSJJG0cJUlJMMoZkYA7WUFW6AkkVF4b8e6R44+1ro93JI1jOILmGaGS3nt2K7lDxuqsuRkgkcg8d64azms3+MmmataX1ougaf4KT7VctKFt1D3CtbKzfdAADEZxtB6DpUvhG316x8a+Pxp8+n+LWnNlfQXxkFoGkZWjNrJIodf3caBgRnO8E8tSEej694ks/DGiX+r6pNHbabYRNPNNjIVRzwOpYngAck4qbQNcg8RaXZanbc2l9ax3UO4clXUMMj2DL+ftXlnxI0rx94g02SaTw5o0tpbaddSSWKawzBZ9kgWQZgHmbI+QMAb2Jz8orrfgza3j/CvwkdQhjs7r+yrZRFHL5n7tY1VCSQDkqATxgFupyaECO1V135yAfQDFOlxMowcc5ojs9jZDVK8KyLzx9KYxI9sa5xmo5MtKrDgelSRQLGODn8aWWJnxjipArlXeSRYQplYYXzMld3bI9PpXI/C/xdqPjLwNZavqcdvFeyTXEUq2qFIvkuJYlwGbJ+4Mnn6V28Ufl5YoZSOdinBb2z2rg/h34e8R+CfhxPYNZWP9sW8t3PbRtdE27+ZPJKod0U7QBIAeOop9AML4qat408O6ffa7pV9p0Wn2MtusWjy2xlkvw7ohDShgY2LvhAF5xk1W+LXxA1zwv4q0zTo76+8JeHpVVZvEL6Qt7btcO2FhaQnbEFG35iDkv6Ctfxd4e8d3vioXGnWPhqfTrBd1lHfX0yFbnYQ1w6rH85UHCqSNgyc7mBGj4p8K+IfFVnf+Hbl9H/4R/ULVLee5j80XQGB5uyEjaQxBZDuyACSMgEIZ09wLkQTNEqtOEPlebwrNg7ScZyCeuOnYHofM9KXxToPxOstMuPE7eKNPvNLkvLxJrWOH7DKHRY9hQA7XLMoVgfunnINdp/wrrQY9b/t+00u3OupGxtrm6mmZC3l7VJUNtPHynAByM8nmsbwd4O8a6brDXGseIdEv4JpHmvXs7CYXF0dhVBvdiFVeAAAMbBjqctDR1UcwJdjkduRyCOv6/wAqTcWfaRg4yPcetabW6szZXDZzhuD0FJ5S/jSGZyqRIO1Pkh3DuWzVqSPaRgZ5p3J6rQByPxC1l/B3gfxBrcMSzT6dp891Gr8qXWMlc+2cZrzXw3qGp+G/FXw7tV1G8v08UaTPPf8A2yd5FFzHFHL5sYYnYDuYFVwoGCBmvb9Q0+11OzurK9hFxZ3UL280Jx86OpVl69wccc964/QvhfFo+pabeXOryak2jafJpulHyFUW0b7dzMcnzXxGi9FGFOQcmmgOY8VXE/in4uQ+E5bm9tNJg0JtSYWc7wyyTvcGJG3IQSqBSQucEnkHArhr7xbrHiP9nvR/EL391aapBf2tvNcWs5jNyFvFhcuR1DLzj1z6CvYb74eTXkmlalHr08XiaxsnsW1prRD9oifBYPEMBSHAZSBgHtgmq2sfCXTtQ+HNl4L0u+m0jTLcwnzkiSaZvLkEoLZONxddx7du9IDnfjdYeJtQ0uwj0Kwu7+zhle51G30zUzY30qgAIsbAHOTuOARkgc1f8C+OPDP/AAiugi31uOwtbyBGtV1u8UXLqWKkPvbczBsgk/xZxxXUax4d1bVprM6f4ml0pkjKzrFYxTLcHIIdQwOxhz7DPA6YXSvA+i6Tpun2Mem2t1Bp8QhtzcWyzSJjnqVJznn8Sc5poD581Txhqs3h3UPiA9/dG/sfFP2FLdbhvIFmLsW4gKA7c4+YtjdnvXpXxc8Rz2S+E9Js7ie2TXNZWznniYpKLdUeSRVI5UttCgjB9DWpf/B+wvr6623s40WfUk1ifSfLDI90uWz5ucqpcKxXHVR2yDZ1/wCG6+IhKt/q908636alpcv2dFaweMZAUAASKcsDuPQnvimB4vefFjW/CM/iHwnpiXWpXw1+30nSJpB500Uc8Qk3EOcOyLuxvbqRk16V8N9csNY/tK2sP7WGoafP5F/HrjZuo5MA/MAzKoIO4BDt59qLj4MWNxZzSXGotJ4hn1VNbGsRwqAlyqhVCx7iCmxSmwkEhiSc1v8AhPwevh281m/nvBf6vq86z3c6R+Ug2IEjjVNzbQqjHJyc0Aas6fLlzhvaoZJP9HfPHFaDIM84qrdRhgR0zxSKRSjLtGCB0HBrhfid4rvPDOiW8liUGp32pW+m27SLlIjK2C5HfaASAepwK9EVRHGFBziuU+Ivg1fGnh37HFJHBf291Df2kkikp58Lh1DAc7Tgg45wTjmhDMDwt4m1C913xL4fv2S6vtFnRRexw+X50EiB43KgYDYzkAduOa5TT/irqU3jg6GVtBOupy2UmjmN1u4rdVLJdlywyjDb0TH7wc8c9RpHhDX9G1PxBr01vp9zrGsXdtusUum8qK2iAT/WlOX6t93GCB1rmNQ+GGqzeOBrK27f2kusm6XXYbkJ/oDABrWReTwNqquMfLu4Ocsk7jXNQudK0HU9Qt4TeS2ltJcLE0nliQKpbBOD2BrlofHepXHhfSNX0jw7Nq93qdulwLaO6SJEUxgtukcKC3zfKo5Pboa14vB9zpel60j6trPiB7m1aOK1ufKZomKMAse1F7soOScAetcda3Ws+DPhLoEI0TV/7ZS2isJltbQzS2ZVNrykKfmwB8vqSM5GaXUaOv8ACXiy38VeG7PVLdGtormMNsnUpswSCHAJAIIZTz2B71naD4ysvF1xcNZWmp29vH80U99ZmGKZGJ2tE2cOCB2xVTwvdaJpPh2wsf7I1ewtZYp4oYdQ090crCmXZ1AO3eDnr8xz6VjfD+x06HxFqaeFJpX8IvbxzpCUkENtclmDRxCQbl+UKSuSATxirGd7I6qhG4E+1VGkMeSeeKszQgqTjDYqm6yL1Xt1pANkmXaD3qq0wj+YNhh0p0kfy5IrPmiLtgA5PFMDI03wro2g3k97ZadDHfTbmkvJt0szHkgb2JYDvtBA4rkdQ+Ht5/YNjp8NxZ3lxDZyabLJMDChhZ1beA2eVKYx33muzs9StdUa4S2uopxDJ5NwqMD5bD+FwSNp9jkdME1iL4601dPjvrmO4tVkuZrNrfbvl3xswYkJn5RsLEkcAGgDJ8I+GLnR/EHkPBKtrY2clulxIdwmWS4aWMg9yEOGHY8V2Yh2EkdKhh1qxvNRktIr+C4u44xM8CyhnVWGd2O2Sc49CKsF8tjsAOfWmB9Ps21TgZPpXH/EzxHqnhbwJrGqaPb/AGu/tosjERk8tSwDyBf4yi7mCjqQOoyK69lJxg4PYnp+Ncz4isdfk1jTrnRpLCS2hikWax1FnVJGdl2NuRTgKQeo5zUGaOOX4g3eg6fZaomoT+M9K1x7e20T7HbIHeZ95cybAOAFBxjIOQa6bQ/iVoXiLxDNo2ny3c93DcTW0pa1cRxvGoJDkjAHbGc5PtXLeGvg3c+HNQ8OTRavavDpt3fahPb/AGR9jXVxjmNcjaEUlRn1yMV1fhLwjd+C/B0Ok6bfwtqbTG6vL64iZvtEryCSdmUHJJBYDsOAABUsZf8AFniq18FeHNR1vUBIbKxiMsojTc4AAPT8f0rk7746eHdPsdUu9SstWtP7Ps7a+lS4tQs0sE7lY2AJ4ORggnr0FRfGKabxBJoXhWzI3apqEU15LNC7RR2sJMuJCP4ZCiLjOeopLr4Vwa1cfadWu/tl3dalBqGpt5Hlx3AgLeTbop+7GrYOT1P1oJNOy+L2g3Fnq0whvo10+7ishHcQKsl3cSKHWOJd3LEMnB6E5JABqtp/xh02/wBU0ixGmagp1DUZ7GOUxo0AEMe95S4cq6ghgSp6q3TArGuvgoL21WR9aEt+uuza4JbmwWW3JkUoYnjYjeFQ4BJA4FafiH4SjxNPpk0niG8tjaWFzpxFvFGgbzioLKB/q+FVfl6g4J5oEVb347aRb2uiTxaXqV4uri8e0+zqmXjtg26Qjd91ipIPTaQT60/w38fdD1+zkvJbK907TodJXWJLu4ClRGz7FRQDl2JDYxgHHBNQj4JaW2if2a2qXkiroUfh+Gdo0UwwBg0hQAcNINiH0C9eavap8GdG1J9dL3N3DFqcVnAltGqeXaR2xBiVRj5huGcHI5NABrHxeTw3b6w+p6Jc2U9jo39uRwTTLukg3bdr4HySZ/hP07VV/wCF4K3h/wAUahJ4fvLZdH0+2uSkk6K8z3CkLGvHyv0Iz/fT1rVvPhfpertfzatdXWo3uo3FtJe3T7VM8cDb0twoGFj3feGPmJyc1Dq3wk0vWF1rzr7UIzrGp2+qTtDKq4eEIFjT5ThV2Dr6ADimgK2u/E5/BPh68it7CTWp9Cgt4r+S7vApFzLs2W4YLh3JcZxgAH1Iqef4tSN4il0bRtJXWr6zuI7a9hjuSGSQhGlRcIeIkbLO+1c4UcmotW+CGhapfXV1JfaxHHPqyawLWO6HlJcIqqHGEySdq9ScbeMVu+H/AIf6boOtX+oWtzqMcd9dm/ksRclrfzz95wMAkseSCdvt0pjO23BS2OVzww6Edv8AIpvmZ461W8zjPJY9c9RzTVcs3pUsC3v5GRipD6iqYJB61ZWT5aAHbqQ7jkjqOeuOnvTNwJpd+Rg8j0oEeVeIpFm+MmuR6xtl0mz8HSSwCXAQb5WE7AHqwVUG7tnjGawtSm1iL9kGGKR5m1xvDMBmySJ/KITe7D73MZbrznjrmvXda8L6P4maA6tptvqLQFjG065I3YyvupwPlPHtT20yy/tCfUPsdu1/JCts9yUG9ogSRGT/AHcknFNAfPXxuhuf+Ei8RNogb+xYvDelwakbXHlrA1+jAHbkDEG/vnbnoMVN8YjqN74s8fPo872ug3FnoWi6lqFsvywo87+a3Bx8sDoCc/dYemK980/RNO0iyksLHTrWyspBh7a3iVY3BGCGXGCMcYPbjpVmx0fT9P006fb2Fpb2DBg1rFCqxtuxklQMHIABJ7cUxHnvhnXPFGk6x4o0LTbODxfpOiyWUWn3HmQ2QSN7cl4tyqEYR7EwoUcSfU1F8T/HXh2awl8H+ItT03QLvVYI31yGa6jb7PCMExAnHmSn7i/L8oLMMYGfULOwttOtUt7SCG1t0YssMEQVATgkhVA5+Uf98j0pxs7VnVzaW7ykDDtCu9sYxk7c8YGM0gRNHMktvC0Y2QvGrJHyNoxkDB6cN+WOaduxTEYvyCZMnnGQD/vcdev5n1NN3d+SPpQhllSMU1st9KZ5oUcjij7QOwpAOi+VlPGM4OTx+PqPX2zXhMfgnVTpC+DHsLrzv+EzOtS37Qstv9h+0m5EolwV3H5U25J3dBxke7LIBg+/GP8AH6Zqjea9p+j/AGRb7UbSxa4cRQfaJ0iMj8fKoYgkjOOD1NAjkvii1/4p+E/jS00/RtTfUr21utPt7FrY+fcMSY1dUGfkP3gSemK2dQ0XVNet9Kk0/wAQah4eWKFFntobKGR5DhcK/mKShGO3r64rbuJY7eGR52SKGJS8jykKsaqvJYHG0jnJPoDms3TfFOjavp0l/aaja3VhFuEtxHKPKiCgMxZskKOT1xjH0poR5lL8L9YayuvCgtfL0mbxWfER1gSxhBa+d9oK4LBhJ5g2Y29MnPr2fjHUPGN9pMkOjeG1W5uLyaGV/wC04IZI7QHCyxM3CvKCwAwSuGPoRseFfGmjeN7Wa60HUYdUt438uWW3yQshXcVyeCRnP0IHrVDxN8T/AAp4R1WHTtX1qGyu7gqpDRu6oXPymVwNqFuPvegpgafgmHULfw7bQahpVnoUkXyR6dY3BnjgiAAQbyoySMnj155ya294z701V29MBckDBzj1GfT0+tMOd1IaLCtScE1Fu+XjrSbj16gcnFIZJuHSq99p9vqlnc2V3BHc2l1E9vNDJ9ySN1Kspx6gkcZrnI/iNoz+If7JElwN18dMS/MWbV7wKGNuJB/y06g5GM5HVTV/xp4utfAvhjUdbv7e5urWyiaWaGzjDvgA5Hpjjk+maCWYfh34YLod1ayzavdXlxp2nNpGlSyQKklnA23LHOQ8uETLHjCD5fmNaOteA18Saf4ft7vW75ZtHu4L6O5ijhElzNEuEd8xkcnzCVUDr6cVL4q8VTeHbWBdN8Oal4mvJo3mSz05o42SFQCzEyEDuAqg5Y44wDVnwj4ss/GnhnS9d0sSfYb+ETRrJGVaMbiGUgdCNpB5A+U4600NGT4m+GK+JPEn9tDxJr+lT/ZxaLFpc6RJHFnLKMxlvm/iOcngdhXXWdmmm2dvaxmTyYYkhQSOzttUYBZiOW9+tSRzDaGUh4sk7l+YDGAc44HOf8iuVm8cR3fjGbw1pK2sl3YhP7SubqbasDMNywoqjMspXBI4CArkndRYZ120HpSFcc1xPiX4lDQ/H3hXwvZ2X259Wu/s93cljizBhlkRcDgyERE4BIA5P3lrtmk3DIxtPII7ikBG0h3daljYVAV3Gnx8daAJG25wQCD2p20yK0TDzFkBVlbBDAjBBz1Fcl8UPGTeAfAOt6/HB9puLOEeREc4aV3WOMHHbc4z7Vm+H/EWq6X8S7nwdq9+dYLaNDq8N60KRMjea0M0ZCAArkKynGfmIJ6U0B1V94S0PVLezhu9Fsbm0sgfIia1QxwKTyqLjAUnqvQ+laAsoF1I6ibeEX3leQbtYwZfL3bgm4fw55xXj/jXxxrUt58S7vTNRl02PwLYwSW0CiMx3NwYGuJPODKSV27EwMfez1Ga2ta8UX9x43+E9za3klnp2uNcvcacu0RsBZ+cjHjfkFgMBvTIpgehWuiadZWk9pbabY21tMxee3gto1hlY5JLIBhic9SKnt7SCxtBbW8MNtbKCFghVYo1znPAGB36VnXPiKzt5biyhurS61iJHKaal7Elw7Bd23DfdJHrWFpPxU0nUNch0G+W78O+IplZotI1m3MMs2AT+6YExyjA6q5/CgDtVPl7WQGNmIbpgdcghcc9z+dIhbdnLAMScDDZOOvUZP4HGK858G3Uth8UPidHLdXtzaQDTrlEnnkkEStbSNIiA5x0+6p+lcl8LfHt7qV54S8QeK9GZrvxpJKdM1P7Wkq2ahWkht1hx+6BiUncCSSrbsfKKAPdy4IU9BgHj+vp9Ki+2IxYKcEVIGEi5J+YgFs8n86oyR43hRSAvrOpUA0PcAcdvb/P+c1TiRm2jpxzSyK6OcDPqPXn/wDVQgM3X/HmheGb6K01O/FvcMizlVikdY4y20SSMiny0LAgFsZweau6hq9ppcNze3d3HaWNrG0011IQqxhclnyM8AYPHOent4v4wkXTdS+Pcerhc3+h2ps45ODNF9jkiCocfNic7RgdWHrU/wASNJvtQ/Z/v/DrTx3XibT9DsJdQsDIrzrGrxNJuQHOGCSj0JBB60wO9t/iloVzb3swnubRdPjjmuLa6s5IrjypFDROsLDcwfPygAknIPNSeDfiNpPjK51KyslvbTUdNMYutP1O0e1uIVYEoxjcZ2sBww4OD6V5/f6zp7fFy78XxXsP/CL6T4YhW81CNw0SSPdebEmQSC4A3bR8w3AdTU/gPxJZeNNS8Ua14bvdN1DxZqVvC8dg07eTZ2sLFI45pI1YBzulc7f4iV/hy0gei+M/H1j4E8O3Ot6kl1JaQMgf7LD5h5YKC3ICjn7xPGR60zXfFmneG7T7ZqU0zxSyxwW1vGnmzXMrHKwov8TH2yByScA1598Z21iH4C+JE1qKxt9TmSNFg015Jo2zNGUCl1DM3BJGOMVX+JXh+01jxx4A1u/nuJPCUC3nmz207xiGaSIGGRzGdyqwWQEjpkDjNNDPW7HUp7izjkubKTTpG5+zyujMvPT5GKjjHAJ5PbgVI037xeODXD/BvTdWi8IuusXdzeIt9dLp017kzvY+afs7PnnJX15I213YiZJFLcgUmNEUt1jgjnNEdw0nAGaSWMvIxxxTPIlZTsZVPt1oGOViJ9wJPHKk8VJM25gQ2WyMjOcj0pkFpJGylmDZGDT5412nBC89QRn9f89+1NAeda58Wrbw7ea3INPe50Xw/LDFq+oC5VHiaRVJ8qPaTLsDoW5GMmt7xz49tPBfhi41mZDfIpjjghgPNxLI4SJFz90MzAc9ACfr5f4u8Fa9a2vxU8PWmn3V8fGl19psLqCFvI/ehUlEsuSqeXtOS7ZK7cDmug+J/hK78TeCLnw3pdpcte6HJYXtvLcxbIr5onD7I2yNxKoVI7MR3PKYG/ofxDl1PWNX0K/0lrPX9NjS4bT47jzFnikB8t0kZVH3ldTuUYK98is/QPixa+IPhtL4zvbVtHtLdJ5J4ppVl8oQsysC2AMkqQMcZPWs7wr4duNT+KWueMWtLqx05rC2sIIJrd45pWjkeSVljYBsLlVBwCcHrWV8MY5fDvwtvIdV0TUpJLe9u5JNMOns008b3LuhWF8bsq2T7A+1AHTeA/iJqnjSxkvLnw7DptquPImj1WC8Enc48vO0jjIJyM1J46+I3/CD6LDqbaLcX0EtxBDL5cqoE8yVY9xyORlhx71yvhjwLdWV34q1DwvFJ4O03Uo7UQW+oaewVbhAfPlW2YqUDgqOcZxkZ61F8UtD16X4OvZPJJ4i1g3NrJusdOYbttykhPlpvChUQnOe3vQB6jNqAkjQx/vVcf3s4HofXqPyqGNmKxgseTk80+zgWa0hMDyGIxjb5oKtjHGVPINN2m2YKSGx0oAhmdtzHPSnbi0JbvimXG5iSuAD1prOUh2j0oKRCkDA7s59qjvNzLg/Kp6j1H+f5VYRXyOOMVDdxllYjlsHg9+KBnPeKvFeneE7eCTUbh0kuJGEENvC8kk5X5mKqinCgdSRgZ96mtNWs9W0+C7s7iKa1miEsdwDgbT91snoOnOOOa4rx5v074reDNXvHW20sWd7YtNI22NZiY3AJ6KGWNh6ce9cd4Hguo/gPq2nW+Rfaha6sdOhDbJWiLybNqnnAV1wR2NNEs9I0vxro3iBryax1S3mtLWPzJZM7VjU878nAIwCd3Q4qXR/E1jrkYvdJ1K31C1yy/aLOdXGRkEAjPcEc44NeVeG2h1Dxl4DSKNLmzl8JMl7GSpQoph8sODwCG3gAjg9sGp/D+rv4P8AFvjr+1tJdrmaW3v1OiQSTLJDIhSICEDcGHl/MPVs9CKY0es/ayjxo9wqTSABQxC+YQPQt8wByB9Tiq8kx3kNy6jHzfeHt/n2rwL4pap9t1mDUrW1nm064022bU2ns2F1o0KzsEuEU4YFj5mUx0TJOAQfbYplnVXhYSxMAQ6tnPAzn/JzzTGOmuC5OagDl+pqO4UbWwTuqkvmKcqxA7ikBdlx0zWfexr5LdBngkjOB37/AOc0slw3mAZyKg1O8hs7C5upJPKjt0aaSTBIRFGWJx04B5yKpAcZqHg3UNT8cW+tSXsGmwW+I0h0+FvPuo8Ebbh2G0j0AXjsw6Hmbi3a3llvZ4JoLG017UZJGmVl/d3CSbW5HzLll9sMR0rvvDfia28QW8xFnLZTJ5bSW11tDhXQPG+VyPmRgfqCKgh8ZaHqdi95Hqtq1lkQmSd9owQSow3UEc+mMUAeY/Dm3vNLufDsVwJFvDcSCRZOCYnso2Rj3IDIBz0IIr1hVbrgg/8A1zTprK2fUFumt4zfKpRZNgLhSTlSwHTjI+tPV03EZ+gzz19PqaAPp1mK8r1HNcl498dWvw78N3Wt31nPc2duyb1tyoYbnCgjPXlgOOea6aQ++OfXHeuQ8RW9v4m8VaZoN3byy2MMU13dF4XMbPtMaJu2gcCQt1z8me1SQX5vEgPiDS9OtLN9QjvrZr0XMUibI4QVAcjJznch46g1s+cuC4bhRu3dAOvOf4fxryz4S6Hq/hDRVGv2l1dXUVymhWJhiLt9jiZgk55+VW3ZLdhGKsfHe4ZfBsFjaie6v7q8t2Gn2aGR7qKORWkDBPm2hclioJ+6O9SwPQ/tAELGOaOSHAY+W4KhRz64PGeDgVXS8tWhEoubYx+Z5fmiRSN/93OeTk9M5rwjSfDdrerBrWmx3Gp6dqmtySa9Bptm8DQxxxHZaeS2GSPzPKLZ+8QatzfC3VddubW11PTf7O0u+1t9du7G3ZFWzggiWOC1UDADyEKzFfVh1FBLPa31C0+zyz/abcwQllluPOUBD0IZjxxnHJzzTE1ywW3t5jqVpHHcuVgfzlCyMOoTJGenOM4AOa8S8I+D9e0Wz8LSaj4aumsBcX+rXmi2rxMDeu+bbzF3YKKpYDPHyAkE1oaD8G7y61Tw9F4it7eXTLG4vdcuYI3Xyfttw5CWqjJOxE3F/wCE8dqBHqkfizQpJAV1jTsMVO0XUZ4ZtqDg9NwwM9c8Vh+FfH0eveINd0+aawiW11CWx01FmxLdLCuZX2t2DkrleMqfbGJpPw3hs9Y8S+Ip9CtJrxdttoWnME8qG3t0PklAQFRnlLnP8I6YFcnpXwf8Q6Fc2slgkI1K30K9kOrPOqk6xd5Lnr91ckA8DDt3yaAPa7fxHpl1qr6fbX9rPqSFt1oJVMpKYDcA8lScHBJz6U208WaFfX11ZxaxZ3FzaxvNcKsw+SNOGdzyAo5+bkcYyDzXlV18Mtf1jRLNNKjTw3Noug3FjpUbTAzzX08ex7h3jzgcHDcsWfJ6ZEbfDjVf+ERsILTRYbe6iksoLm1u9SV2lsYpPMlgDIuxEZsEheW53ZagD1jT/G3h/VGvBaaxaS/Yolmun3bBDEc7XdzgKDhsHvg4JqXQfE+m+JI5ZdMvI7tYmEcm1SrRkjcMggEZBBB6Ec149q3ww8YaxDrt3qEWlf2hfeILS/mtbO4EYns7cARwhmT5CjANyDnBJAr1rwrpP9g6bLHLa29rd3E73Vx5Vw9w8rtgb5JnAaRyFAz0GAKAOg6cdaMZ7U2Hcy5qT7vJP6UAMVSW9Kmb5QBmoBI7MNsbY+hqXy5C33Cfpz+goARmO4bTgnj/AD6V5PrXxY1S1i1/xBbC2/4R3Qtbi0WW0aMmW6O6NJ5BJnC7HlXaMchTmvWZIXVc7csTgKccn8SK8qvPhLeSS6tohlt/+EX1TX016aRmb7UwV1le22bcYMka/NnAGfbAB1PxC8VXmg3Xh7RdMZYtU1/Uv7PiuGQOLdFjaSaTaeCwVSFB43EZGM1wtj8VtY1rWYfB6XEUGsnxBe6XNqkVuDm1t4ROZVQ/KJGVkXkbck8dK6nxV4d1nxHdaZqks2l2+r6JrLXunjzHEL25QxeXOx5DujtyvT5eME1g23wti0e6sNfg1bT28TwardavczXD4tpzcJ5csIAOQgRIwpIzlORhsgAifxpq2p/DfxBf3HiFtCl8P39/YXN9a2KSzXbQHERVGVlG4FSwC5B6YFdHpPxQs9L8G+FtS8QTtIuo6dHczaxp9s8unq5A3KZF+5zu+8MYWqOi6Vd+C9EttP0rxLoYae4ubzUbrUAWa5up3LvIgRwABnAUk5VVzjBBgbQfC9v4f0nQ4vHH2Hw9p9sbdrGy1CG2a8yxJaSVW8zBBPyqVAyR2FBLNT4ueL3g+DeteIfDOthPKhSWG+s2jmVwZUUjJBA+9259xR4q1a81b4naD4LhvbrT7KbTLjVL6azcpNNsZIY4w/XAZy555wAc1g+JbLwHqXw3ufBui+JfDnhnS5tqlbeWJ1RQ4Yjb5gJZmVcsc8Z71P4m8ReEdW1vT9btviFomm63Y201iLiOaGZXhl2+Z+7Mg6ModTnjae2adwOW8AePtY+LV/o+i3mo3Vmlpol1d3l3YSmJ7udbt7SFyVwcL5bOR0LHkEAV6Z8I/F9340+GfhrW9QcPe3toGlcDhirMm4fXbn6k1wIj+HOmrph0PxvYaK9jp82k/aLeeKd7i2c72LDON4fLh88Fjwc5HS6L8RPAXh3SbPStP8Q2MdhYwR29vHEzyAIqgAHCHkYz77jmgD0vzfxpyyZrg4/jD4TUf8hjzB22WkzfySp1+Lnhth+7l1Gb/rlpF438oaQHb7s8df8AZ9e9eJ+NJxN4m+MZ1UborPwhAtju7RNFcSSMoJByZQgyO6p7V3S/FTRmTMdnr0x9E8P3p/8AadZmqeIfDniK7trq78G+INWubYbYpH8P3RwAwYKwKAMuQDhsj86B3MX4kzagn7PNjFeOwv8A7LpA1ddwLCFpIPPMmOcFd+SQOM07VNGtfE3xS+JtncajJpWh3elaVY3F1aXEcP8ApJMrEKzZXeYdgOMkqQK6JfFFo19f3n/CB+JJrrUI0ivJpNHw1wiAhVfew3ABiOexxVVdQ05tFfSE+FmtTaYzh2sZtPsxC7DBDMrzYJBC8kZ4HpQIi8F6x4s0XQta082reOjpeq/Y7O/8+Cye4tzCkuZGbCM8bkxkrjPBxwxEPxG8a+G9UsX8Ha/qmn+HrvVoIbjXYJb2MvbRLtJiBGDJKxXYMDIBdhxtztWnirWbaGK3svhzq1vbRjbHCtxYxIoznAUTYAzUjaxrpm80/DfdK20GSfU7FW6BRkh2PA/kKBHcRzC4hilQbY5FDINpUhdoxkHkcEHn1HNSqeK4n/hJPGbNkeCLeB2AJ+0a/FzyeuyI88569z61J/bHjxlGPDWhQA8bpNalb+VtQM7IU+NvLlRhnhgflUsRg5zjB6dfwrilvvH02FXT/CiHOMNqV0xP/kAVEbzx383mSeD7Rd4Q+Y13IQSAdp+7gkHgdT2oA8w0nSbm50HQ/BB3f8JHb+OpNQu4wTlLdLyW5Nyxx/q3VkG4nJLkV3nxa1i38R/BXxqdOWe8eW2uNOjhW0lEkk4fYUWPGSM5GR1AzWtbp46uFkSTxD4XVVYxskGmXEgDDHynNyOgI4I4z0qVdP8AHcvLeLdHTjaGTQXJGTxybg926+/WgDP8bePpND0XTbbTrLWLuXU4wPtel6XNdCzjC/NIwVTiUZIVGAwSD0BFP0fRdSvdI8Pnw9fXHg/RbWIQ/wBm6lpCzXTxq21WZmfcjMoPUE/Pk/eqtqV1qtjqlvp178U9PsNSuh+4s00y3WeXORiNHlYt0ORjpT7DSdQ1TVLzT4viZfzX1kQbq3tbGyDRFhkZBibGVAPUnA9hQBhzfDPWdU8YNrGiIvw1sxeM9w1hd+fcalg9ZLZSbdAc5O7e4HPymsjW/hDfXl14q09dGEmq6t4mh1vTPFaxpi1gLxHmTO9GjCSx7RjIcds16R/whWrAKX8f+IWZvkXalihbIPAIg7jOB1wDWBPY2X9qadYT+PPGDXmo3Vza2250iEzwKzSEH7MvG1WIOcsACKpAZWtfBfXZPF3hfULHxhq1xZW3iCbVrzfFao1tvjkUup8vLnlYsEkBSMYwMez7S3zbCvqC3T26VyA+HdvPgP4g8WSlRwG1qRD+OFGPXjnnnPFL/wAKzsn/ANZqniedMc58QXhyACeCJF7A5oA7EBlwNpPfJH+Gf5UvlNuGEY5rzfU/h14ftJI/N0/xDfRtDLI041u8aNCiqdrb515bdx9DzVDw74V8G+LNJ0PU7fwtcNpmp2H2+O4vb+bEWdu2N8zEk4YHIGBggsSRUgd3488DxePfB+raBdebDFfwmNZkAJicEMjjJHRlU/hXNW/hPVk1bVvEF3qujW3i2402LSbJ1Rja28aN5hZ1bazM7sWIwAoCD5utP/4VX4BjWWb/AIR7SXSIZkkkbeqcH75ZiFByPvdckVz3xP0fwP8ACnwXfeIx8M9J16KxZVnghsrdZFj+7v8AnRsqCR2PX0BpoC74s8GaXql54kaPxVp+l2Hii1gttajkdBK6xqULRN5nyM8WUO4HHyn1zc8RJ4evvE3hHU4vGmg6VB4ZeV4rFp4WWXzIvKKljKpUBCOQM578qBHZ2fh28ufDsOi+BPDN7Bq1k2oG4EESRQKNmw5EByHLoo75B4+U1m/B3x34d+I3guPxHP4V0Pw1bzai2mWkLLDLvmU7MA+UqglicADOAT2zTA6S78ZfDppru6TxJ4astUnR421S1ntFu1Zl27hKcnPTGc1j+G/Enwp8ITPc2niLSbjUHXZPql1ffa7yb1LS5JAJ7LgV1viHxh4W8CmAa3qOl6Q0wYwxzhFkfYMkKMZOD7VSm+K2kfa9Olg8QafJpk2mz6ifKaR5HhjI/eRlQQEXcwYE5+6cjnIBg6R4w8B6T4s1/X4PGS3txrCwrPaGAtAoiUqmzZCDgKSDyc55z1qp4e1T4feH201LLUtYvrLTGdtLsX065lt7HeCG8oLBnGCVG4naCQMV0mk/G7wnrC30lp4jgZbG1W9mZ0kjzC3SVNyjzFOVA2ZySB1IqtcfHvwzbwbvt+oNN9tbTjZw6fO9wt0sfmGJo1QsGK4KggbgTjoaQGt/wtPR9g8u11+Yf9MtAvW/9pU0fE/TJDlNH8TuAOQvh+75/NKgt/jBosmsJpu+/immNx5c1xbOsTvCgklQZw2VVhkMByDycGs+6+LGn6l4dttUtTrNhZTXthDFeJaRzCdZ3GwggsoRuFJ4YFhwKQ0bcfxIVsCLwn4un4zldGZf5sKkbx5dsMp4J8Usp4y1rBGf/HpxXGDx5qOk3ni6LWNR1Ce2s/F1ppVtNZQQEwRypAVjfcANhaRlZjlgDwe417H4yWV94gj0xdF1a0jbWZNCbUJ44xCl0FLqpCuWIYAgED+7nrmmhmpceLJ7y4t5p/hvrlxcW53QSTRWBaI5z8rNPleeeKlj8Wa2LuSaH4d6qlwwAMz3tirt1wCRMWPLE/iTmtbT5p9UsnN1ZXWkzyPLFs82NpkVXZRIpUsOQAw5zgjI614T4F8ZeIkvvGPwy8Q69qNz41h1RIrDUvPZJZbSX5hcptxhY41eT33AHNMD2CPxD4kjjKw/Dzyoc7jG2sWShiT1IUnJxjk+lWJdY8ZspVPBVusf3sSa7GgY/wB4gRHJ9/rXnEl3qVv+1fp3hcazqx0CXww14tm+oTBGnDtHvGGzkqMkdM5qL9mHWtc1jwL4hupZ5te1KLxJLYk6nqMmI7ZHQfKWDY2qzkADkjGaAPRxq3jlGUr4P0uIjkN/b5yPxW3JFRnVviAkm6Lw1oMQHUnXZycfhbVN8QPF2oeEU0A2GmQak+qarHpe24uGiWMuGKvwhyMrz0wM9yK5DT/i9rv9oabFqmhabb2U2tXPh+5ktLyR5BcRJIwlj3IFER8vox3c0AdH/aHj7du/sjwui/7Wq3J/lbUy4m+IZIY2nhOJW4H+mXbH9YgK5PTvip4w1zQH12y8GpcaTdacbzTz56pIZd4CxMhlLSfLk/KqEFSvUin6P8Sh4kvPBE09lo+oC81+405m8mWGe0ZLSRhmFyWjl271ZWJwHGKBnVqPiB8pA8JDttD3jHPcfc7f0prQ/ENtzJN4RGOoWK7bH4kj+VeW+G9PtrG38AyRwRhLXx/qtouxBhEP2z5QO3QfitakfxY8a3ng+68U22l6SmitpV1dWv2xt0kU0AL+UVSUvL8qsG+SPaR0IoA7kt8ReFFz4PT/ALdrwn/0MU9I/iFu5v8Awmv/AG53R/8AaorgZPit4jsY9Tt9Wl0O3uDpmm6nZXUcEoRBdSFGj2hmMrgjCgBdxIHuItL+KXjTXLfRLOGPTbG/uPEt3oF1JdWblkEcTyRuUWTCNtUbk3N16jBoA9BaH4gszbdS8I84BzYXTZA6D/X+w/KqN9afEBgxl1fwqkQyzs2nXWBk8tkz9Scc/T0rlPBvxG8VX2reFm1c6TNZapqV9o8tva20kbrNbCTEwZpCCrmI/KOgPWvUodNe/wBD+xa29pqpljaK4e2j2RSgs24bCWI+XAHPUUDRyk0Xjlo/NGt+EUixzjT7gqO3JFwQM1WkHjgx5Ot+Dvm5GbK4DenTz81478M/Dtx4d8T698FNQ05bzTYb8arHdSR8HTD+8GSBncWCID1G6QZ4rYg8O2EH7Yuu2i6ZaiC48LRMLcQLs5MYzsx1OCDx79aBnpkLeOjG2Na8HNgfe+yXCkD8JyB2H40h/wCFjcGK88IkvnBW1vF5IxwQ/P518lW+lQN+xP4hmNtD9ps/EbBpRGu4EXIGFbGeA2APevtPw7HcpbWeyW1XSPsEHl28UJEwlI+Z85C7MEDgdQeaAOeMnxHTIWXwm6k/Kfs96OOPc+9VXf4gtMAw8Jsehw12P/ZDXN+LfH2veD/GHjSVngvbOyGlwWdnLDsCtPhdxfeAVBZs9OcZYAGopvHXj6w1DRNJu9P0G11HUdTlshcTMZR5YhaWOVo4pG8skIwKlifukcGgDo5Lj4gxuyiw8KSgc/Lf3Sk/+QTTJ7/x5bxq83h7w7Kh7prE6Y/O3/zmuO0v44a3HZWGo6/pOnCwurfUSYtNeTzklswSc7yQQ+1sDqOM56VbuPi9rOmw2/2vRbW+l1PSBq2nrpMjsMB1WWJ85LbA6sGXr0xnFAHR/wBsfEBMEeEdJf2XWnxn0GYOe1RTeIvG8PEngq3dhwQmtwZ/DcFrB0nx5H401TwfJLaWNwNTe/tY72xvJlETogLL5eAQ23GQ+GUniub8CeOJ9L8M+CWntbjULx9DvrgTnUGBcwsCyNGfvH/abOMY70AdlfeJtdurUxal8Nr2eFsExm/sblDjvtaTFQt4qvWuLW4k+G+vJcWylLe4jgs5HhUgAhCs+VGB0GBTvAvxLfxtdLbXGito80+nQ6pbJ9qW582GRmGcqo2kEDjmu7j2+WrAHaRwen50FI8pbVNDjhv7eT4f65ZR3y+VdquhE+cMk4JjY8ZJPFR6L4x8K+FLd47TS9Z0SJnBcyaLe5dgMAs5Q5IA7sa9VkP1I+tV/Ok3YV2X6E0DPHPEHin4d+KpTJceIBp88kBtJjvktjNESSY5AUGRyeevJGcE56LTfGng6SNYrHxNoroihQq30S7QOgA3Zxz6d67XzHSRgzlh6NzWVqGi2GoKVudPs7lfSe3R/wCYoArwzWuoLutJ7e87g28okB9+M1FNaHn93jPXnHNZeofDXwffc3HhXRXkH8QsY0P5qBWXN8LvDUR/0O0u9PfGAbDU7qH8MLJj9KYGtLYiN84YH0YZ/lWX4k01Nc0HUtMQ7ZLy2ltw5HTejLnoemarSeB3t/ls/FPiO1yPlRrxLhQfpLE5/WqV14f8S2subbxbFeDGNuqaVGx/OJo/5UwON8OyldQ1G+uUk07z9LsdIV5InTN5tlygJXkAsoz06E9KwdB0ubxBpt7Zw2lrcTHw3bQCG5+ZIrrEyEH5W2MFyBxnjJ7Y9JW88Zx5WSy0PU1XjNvez2r/AFCujgf99j61l6tLFfQSx614G1BYpZRNLJaQw3Cs4zhy0Mm8nrzigDnNe8Z2r+D7c2013HeQQWt5LpyB0uZIWUDajjiQjcG+X0wfSu30m5mutH0+SeVZ52to2klQ5V22j5l/2T1/OsWbxN4Z1Sxh01dWj0qaNke2S6Rrd4nQ/JhZlGcZIxzwcdK3dF0lNJ0ezs4Wa5hgTYkoAAI6jGM8fpTA+hPFEuvwSRPpt/oWn2rLhm1iOTcT7YcA8Z/KswW3jyRfk1rwwiYDDbptywYdj/rQPWvPP2vtsvw70a2ZI91xr9nENw2nZvOTnkj8u9ewWirBquoQi+tXtY2jSGxjREa1AHO8hstuBXHTpWZBz/2Hx2w58QeHY+qll0mfIBGMczdOKwte8B+KfEE9vNeeJNIF3bbhBPb6ZNFIqtjcu5bgHacDI74FcpH8RPGVvqNvfJqlpqtuPEV7pL6NDZIGMMSyES71JYBSoz265rHb4o+Jb3wedZg8Z6S73aWJENrCkz2UstwqSBhsG1cOQFbc3yE5IyaESeh22ga/4Usbe1j8X6TpNvLOI41h0XbvlY5OS0pLMcHknPfNW9Q0vxHpNk91eePora0i5eX+wooxgtxj96epIP8AwI1xOnePtWt9WsNPn15b9YfGB0152SLdNbC38wggDjDAgMMHk5PSsSb4keIP+EX8RGbWpBfxSWLQ3dsYprOZJrrBMZC5Ulc/I2WAXOcGkI9Cme/jN+rfFGKRrGWOK8WPR7clHkwUVvmbkjp1HJ6ZrUPhTxKoP/FeXigZUAaXa4xxxnHB5Ax05A6GvOde8TTabr3jWbS7/wCxvN4p0m2URFSHhKQrKOhGGXfkjpjml8L+M9Vm8b6bJceKLu7t7zxPqFg9hJKjQCzjicxEhUzwwQA5xzxQB2usWN9oUMUup/EnUrZbiQQwxmytQ8r8nYqrGzNjByADwKdomkzeIobhrH4i67eR27+RJts7eN4m252lXhBBIPQgevc1k61fP4c+M1lrOrhk0SXRGsrK+fmG1uhKGcuf4C6qPmOPu4zzzzmqeMjPoviTUdW1XU7HR38RwW9jf6LaCOS5iVIzl2GSyEkpvz/AOcmgDsPF0dt4M0n+1PEPxH8Q2Vgroj3X7hlBz8oO2Anrx6ZNVRd6HceIbLQT8QPFqaxfQfaYbVSEdozkGQ5gAxg4/wAmsb9raO51L4QXumwRz3d1cajbfuYY3lZlWVWZgADgDbznrVdJmuP2rNO1SJbk6dbeF5LMXfkSiMSl2YxhivB8sgj3IFNAekL8PXKsv/CWeLOhyBqCLgHuMR5Axz+NK3w0yqlvEfi05y4X+1SpPPsv+QTxWd4kU/8ACl9VTRBqhkOjzLYkiUX28qwjPQsGJIzn1rzHxF4bvrZPEsumJ4mEsdhpM9ixmu23Xm7FwwzwSFAznIwTxzSA9k/4VraOwJ13xNOCu4eZrkwTHY5BHB59OnWs2HwXoF5NZCG68R6jaXUbSpe/25cGFQpHUh/vHJwAD0riYvDura54019tYtPEDait5eSRyKmNOlsmRhEpc/fGOPLHO7BzwazfDvhTVLXRvDdsuh67pqQ+DbrTbtbWJo2S5YRINoLEBiVlKnHTHrQB6le/D/QrVrdPseuXYmmEblNZu8QKQTvfMowBgfieawvDfh3wl4qtbS4ttE1g28l7PZTNcapc5t2hLq7yATHgsmBtyec461zXhrwvr1jN4NludCmSOy8RTXD3dlaSW6zW/wBk8sTSQM3yFnKjb3KuwAyah0fwtrMc3hGa58PX/mWd/rs95ujGVS48zy1+8B8xkHTp9aBHpP8Awq/wVtkLaYr7U8xll1KdwB34aTke5HfisDx94Z8B/D/wbqfiK78Jw39lpsXnTxwyszlDgErufBOD0rj/AAL4KufAel6fd3XhC6ENv4Re21S3+RTd3QkVtjfMcnarYJ9cV23xj8P6j45+CusaLoOmtLf6pYRQ21m7Rw+Tu2MEcsQF2gYb3HSgEcuuo+Bl8ReCdIX4cWouPF1sbqyYmNliQJvbzOTghSDj9eK1vhqfBfxC1PxPbxfD7StPbQdRbTp5ri2hl3zj7xX5c4xz+lZB8AeJpviB8INV/sSRdO8LaQ9pfObmHeJGiEeIxv8AnGV68Vu/AvwTrvg7UPHEutWCWceua5JqluY545cRyE4VwrEhun5daAL/AIUj8Ea7NdxTeEvD+lXMerXWlQQG3gd7podpJU7P9rkc45yaXwv4g8I33gvSte1fSPDvh835nHk/Z4mVTFK6OVJQMwAXOcADOM1meBfAPizwn8QdT8QvaWt7YapeXZltbi9QvaK8m6F4W2/KXOBIvfapJ+WoPDHww8UeGbOwZIbC+nk0W80W+0+a6Plx+bcvMkitghgdwVlxzj2poR1Nr4t0O18Xa1pd7YaTYWNjDYSWt1FAjtO9wshA2qmDzF8oByQSTwK1rjxt4XtZtQga9062exR2uP8ARwVj2MoZdwG0kNIqEDnL4xzXnGk/BPxB4X8XafrOlalaTSaXZ2VhAt1LIBdRRxMkzOoQ7SxfMbAZUBhxuq1cfCjxG174hutN1fT9El1GKZTbQSSzW80z3CuJfLdcQvsVlZkPJKngikwO1k+JHhldNOoJfRtD5s0BjS0cyhokDSB4gm9FUH+JcAHv0OH4v+Jl5pumeI7nRr6zuJtLk06EwNayAxee6g7m3YJKuGHpt5HPHJzfBPUm0/UtNkvNNJk1K51C3ngkuY57KWVI13RSAszMrK2Q338/MTxW/qnwp1PXo/EUdxq9tv1ZtMKvJbvuAtCGO5c9XKnjou73oA6G9+K2maDq2rxXerXTLFqkOlxW9rYSmSOaSMERkg/vMn5twAHzY54xesfirpepQ6HPbtfzJrF5LYQr9mk3RzRbxIJcj92AVxlv61zN/wDDHUdQ8Q3mqtq9rGbjXbPXyv2WQ48iEII/vj7wAOetP0/wX4j8NXGh2+neIH+zNr13qOq7bZEiu4ZnaVo2Z2LZBbAxySR6UAQ/Gzx9rnhLVPAVvo1+ttHreuR6XdGSBZP3TAFnBI+Vhg47HPTpWWvxJ1nwf8YvFXhnxNqL3GnS6V/aHh4x28aSSkttaMAL88gZgq9QdvIOa6vx78LV+IuoeF7ptVNiNAvl1OCOO1EvnTLgAuxPCgZx8vXPPat3xB8P9G8VeJvDWvX8Bnv/AA/M81o+AAWcYBcHnhsMPce9NCLvh+HU9Nh06w1Npr67Fn513qx8tITPkbogFCkHk4OzGFyc98LXvidbaH4ystAudOuP9MuYrOO6eRVLSPGzhlj6tGNoQvkfO2ACBmurazlkvxdi8uRAkJiFmgUIXLK3mE43bhwBzjGeK5HWfhDo+teKptefUdTtrmS9t9QeG1uEWJbiGMxh/uluEJGM4GenJpXA5nTfjpqGtSacLHwdIx1Jb1bRbjUokHmWr7ZBIQpKjuMAnOB3yLv/AAvJdQ8P3Oq6RpP2u2sdDt9e1CGa58l0t5gzKsRAIZgiSMd20DbjnPGxo/wj0jRjpohu9Vf+y/tf2YyXC5T7SczMxCcliTgjke1SWvwd8L2dnbW0dveRpb2KabJ/pr/6TaqSVjnAA3qMkeuDg5GaaA5Pwb4/874ueKNBsXaebULm11LbqFzIFiszZQM5iBJ3OWlJCDgA8noKtQ/Gi+k/tqCez03TdRs5IY0sL3zUnTzLjylcjH75Sm118o/OzBAQa7D/AIVX4an1Z9U+xTi/a+XUluIb2VDHOsflBo9rDYNmFIGAQACDgUo+E3hRbI2raQJ4yI1XzrmV2iVHMiCNi+6MB2LAIQMmmM8+ufjhrtv4VsNWmsbfTrfzb21v7yS2klitJIbgwxmWNX3RRvtLFyW2napznJi8Xat/a9xqqz2dhGdO8f6TbQT2sG15UP2dldySSzgPtJGOnHevRrX4VeENMKi08N2NqgZ32QhlVi5UuGUHDAlFypyPlHHFaD+CfD009zNLoljJLc3K3kzNED5ky52yHPVhng9R2oA81j8XeJH1RLDT7vS9Je98aXmjTzw6aCHRbYyiQZIzJlRuZ8kk4q/4F8fXniZvAL6h4psLO8vRqEU+kvaBX1ZoZJI1eNsERFfL3EZHUYrvLjwjoLTeZ/YGl+Z5zXHmNZRk+aRzJnb94/3utQL4P0j7dpVyNOtoG05pJbaGGCNI45HUqzjaByQTweMnPUAiQPPf2mvDt43h3SvHOhoW1/wbeLqKBUO+4tS2JojjkjABwecA+tdrp8KWPhn+0NYvZ9CvdWvYL26lhkCSK8jIIrYsVbjaEi6dmwRuzXXeX5ilT8wYHcG5DZ65B65qePep+8c+ooA87+MCxf218Pr26lu7eyt/EDfamtmkQKDbTbd4Q5B37FHpvPOCRXlnijWvE93Y6DJpU95qet2XifXYo5rkO8v2cxyRoqkjCtsdVjz8m5l+lfSygxt8ny9B8vTimtPJG23e2MYPzHn6+v40XA+eviNq2oXum6e3hqy8WRrDpkF3a+dDeO6yLdKZYyMcTKoO9pSVIKhF5JrVk8Iz6xH8QtSaHxJb6jNrcf8AZ1y8F3NttGFu5cW7NiSLzFk3qMEKpxXuO92XgkeuOM/X1oVj0b5geu7nP19fxouB4Z4T03WF17wbfXXh28sDDp+sQ3TWUczw4klBgcK2Sm8LKwVvmQNgnGBWRZ+BdZk8P+GbWbwzeyyQeBb7R7xWjXInYRmGM/N1yj4bAA49q+h5M+YWydzHJOeSeOp/AflTfs7SKDnA9P6fpQB4ZoegT+AbXUr678GSNpTeFbCC+sQlugub2FnMoIZ8F/nX5iOQuBzivbrrS7PxNo9xp+oQtJY6hbGC5t2GCY5VIZSOxweOmMVYeLzMZ+Yd1bkfTB4x7VIqkj5ju4x83JoA86+Avw11H4UeD2s9Rum1jUo3khtCJAuy0jdzBEjEfJ94yEdvMx2GKPwB+HniX4V+AV0XUrHTJ7ptZe88xbwSRi3kILOpC/fTbnBHOSc8V6yihTnHPX8c5zTgRycZ9ffjFAHm3xU1J9P+IHwwNmltPfrqF6y29zcmIFTasCNwVjnOAMjk/WsiP4V3nhPT7G++2WaW2laXrf2tVZwRLekybIlC8RoUxgkFh09K9i3krjJxjA55H09P/wBVN4XGAAB0AHHbt+AoA8H8O/CWf4nfD3w5Pql7b6U8HhiDS7H7HG0pVt8M4kuFcKDte3UeWAf4/UV3KfDfWbr/AIR67vdS0VLvS9TTUmj07TTDbMFikiKgbiQx80sWORnaBjFd5I3Unkk9e/r/AJ+g9Kcs2fvDI7e3+efzNA0eb3nwZvrrx2niU+KhHcQ31xcW5bTVlnjSWExCBnaXbhMnbhQvcjJzUcHwHSLSdTtU1qKzfUL6yv3Sx08pb+ZayCTesPmnY0rBN7LgcDjNentJuHHXv78Y5qQvujwxJHcE8H3PqeTz70DOH1L4U/2s/iHzdemQ6xrFtrD7bRQY5IPLCouW5H7lNxPq1C/B+M3jTv4guz5niE+JGVbSMD7QF27T1LIFHHfgc13C+v8An1p2/awI45yPb6elAFDwnpup2Gn3CarqkuqSy3c08LysjGCFjlIiyqobAJ5A6HBzil/4QbR28bL4t+yKNdFj/ZwutuQIdwb0znIxn0JHSttGLck5J6k9f8/4mncdwCfcZpoDj7z4W6VdfEaHxwZ9Sh8QW9q1lHJDOgijhbOU2GPnJYn1qPwj8HdB8E6Rf6dpM+q20F/erfyhr5gxnVgzMGABCttGVzg9MYJrtSQfvDPuetSBuBTAx/EfhjTvFAslvo5HSzvI7+BYZ2j2Spny2O3GduTwcjmsiP4Y+HYZo3S1mZ49SbWE3XsxAu2BDS43ckgkYPHJ4rrTId2SxAzk88UjfNznPpQBwtv8IfCGn/2iLXQ1hTUN6yolxKETewZ/KXfiHLAE+Xtzir6fDnw7G1rKdOLT2t7/AGlHM1zKZDc4C+Yzb8udo2/MTgEjoSK6VnCjFQ7znHUGkUjnYfht4Zt47dU0pQbe9fUod1xKdly33pRl/vHJ/wC+j6moV+FPhC1m1WeHw7Ywvqqut6IwyrKr8uNoOF3d9oGe+a6tsjGajuH2pknrx1pDOIm+FfhC480SeHrSVZbeOzYStI4MMZBjTluApAK46HkVbsvhZ4NsZIZLbwzpttLDP9qjaGMoVmxt8wYP3sd/c+pz0and9BU5KrjnmgDnLf4d+F7I2rw6BYRvaXDXUO1WASVuHk4P3m5yep5znJqTwl4PsvBegw6Xp6kW6SSTcgBd7uzttUdBk9K39xyGB5pGbqT1NAFL+z7YXkl6sEa3rxrC9xsG9kUkhSeuAWJ/GsK8+Hfhm61p9al0OyfWJE8tr/DCYpjG3cDnHt0rpWkCnGeTQzbsUDRwy/B/wMukT6UPCmmnTJ382WzCt5TuBjey5wT79c4PUVr2fhbSNLuobi1sI4J4bYWcUgZmKQBiwjGScDJzWxKwZjjpTBxTQHOax4D8Oa9fXl5qGiWd7c3dt9juJJkz5sOc7SOnU9evvWXafCXwlp9vp8Vno0dtHYXDXVt5VxKrJMwAaTcHyWIAGSTxxXav901BvR2YKRnHAoEcbafC3wxprWRg0pgLKSWaCM3czIjyjEp2s5B3jO4EEHJzVaH4S+GrS1mtYtPmEcsC20QN5KTDErh1jhLMfLAYAgLgfKPQV28ijr3FVi46ZBxQho4uH4U+HLe6sbmNb1buyuZrxbpb1/MknlGJHcnO4kADnjis2P4N6BYw6fBBdapDFYR3MVuiXeQBOMSD5kOQevOcY4xXoRkyM9fTvVeTBOCSMe9MZ51afCPTtFWF7LXdahe305NKikaeBikKPvAXMXr+hNdhHGUhjRnLEKAWPO7AxnI4z61buGCKSPl7DHWqasCoGcj0oGI3y9TVWXufSrLqFBNVZpMRk5zQBTf5pmqOTK9KFuVbcxHNDSBlz1oAzdRuCi/KMtWZJcmZl42nFatxai4bJYrjnis+axbkrmmBnBnj2guW6nrSSXW3AGVx/dOKkazde1VpoyOtAEUkqcgNgmo3bbtcHpxUckJVtx9aqzRtu+UnGaYElxNFqEbRXKLdRdDFOgkUj3DZzWC3w/8AD3mGS201tNZuv9lXEtmD9RCQP0rV5Q9KRpSeP6UAfRGqeG9J1qSFtS0uy1ExNuj+1wLLsb+8NwOD79amNra2Ankt7eK1eYqZHhjAMhAwCxGC2B6miis2Qc14Q8C2PgqC6jiaO+vJ7qe6lvpLVI5SZn3smRk7c+/pWx/ZGnRQuq6daBJJBK6/Z0w8g/jIxy3ueaKKCWNj0+1h+aO0t4zu3/LCo+Y9T06+9KtvFHGY44Yo03b9qxqBn1xjrwOfaiigRVhcL5vyr97Odo6+v1qWAEqMHbjGMDGMdKKKAIiGaRgW3DOeec1WvrWLUI1guU8+EOkgjZjt3IcrkdCAex4oooAlhuHW7TYxBzhmyQTWtuaSPLsXXrtY5X649aKKAERmDbtzF853E5PXPWneY/GHYYOetFFACcsACcjsD2+npT+dvJ4oooARlzuz1bqRwTR9OOaKKAHrbBkw2HU9Qw3A/XPX8akeH5ck5Pr3/OiigBjAYYEZDdR2qRYwy5+v60UUAPLbcnqTn5u/PXmmu+WAA+XGdvb8qKKCRPLEi7T90DpUKxlX68emOKKKAIypG5V4GMfpio8FcLwFHOB/n/8AVRRQA5ULR7wcEA4qFVw1vv8AmOcZzzjFFFAGooDnlVOfb6D+n8/U1aXGM4BPuKKKAE2hcHHOeveo5F3ZHsR+BGD/ADoooAlhHOe9OYfdHZentRRQA9c9Mnn3ozs4HFFFAD4zTX+ZuaKKADZuWkW3GewoooAlWIZFTbQtFFADc4zVeTlqKKQEm/YuKiMnzLx3oopgTcNnigciiigBwXbxTEk/eEHtRRQBI0h2nFRpMSzrjoaKKAJQ/cDFKJNwPrRRQBHHIWjyeTUqLxk80UUDQ5JFV8MMg+lP3LtBANFFAxZH2qgA6mnLjd8wyBzRRQBbWQdhjilWXd15A5oooAaZD5Ienm42qRj6UUU0A2Zvl/CmLORtUenNFFMBkj7m6VBJcFs7RjmiipYxGZl4J7ZzSPllAJzRRQNECuUVgeak3BnQH+7miigYqzHZkVIswkXkUUUAVdgaZmI/WpiQsZ7nGKKKAKMsjJEzDrTJLh1UkKuQM0UUAVjqTMo+UD1qhO5jmgeP5MnkdaKKaAvykyQuc44qjDYqYixZgx9DRRTAgtXJlkiPIU8GotQkEZ6c9c0UUikUmmMkeW5HpWdJJsY9cduelFFIYruwkI3MV681UuJmWQKOhODRRTQFabCk7etQ3TSwxq6FevINFFMCMzP8x4BxVC41BlmZducUUUARm53KTiq0/wA2DRRQBXmwoHHeoZFXHSiiqQFSSIGqzQ89aKKOoH//2Q==)

**аминопенициллины**

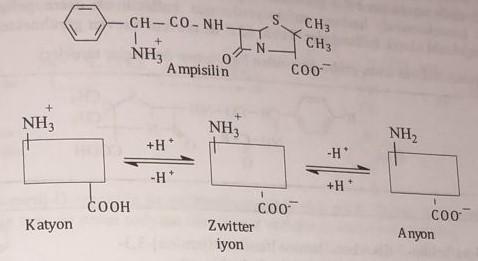
Эта группа соединений представляет собой производные, полученные в результате добавления аминогруппы к метиленовой группе в боковой цепи фенилуксусной кислоты. Фенильное кольцо может быть присоединено к метиленовой группе так же, как к аминогруппе.

![Diagram, letter

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4SxQRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjE4OjA2AAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAM0MgAAkpIAAgAAAAM0MgAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NToxNwAyMDIzOjAyOjI2IDIzOjU1OjE3AAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAGqQAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAhAEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A9TaoTis2aDQBmnAcUAOFOFAC8UuB1oAWloAD0pgQdaBEMF5bXEQkST5SeCwxnp09etM+3wh4h5U2JCdjbRg/rkfjQA83sRUMscuc8B4ynbP8WPSkjv45IpGWOQ7ByMcH5Q3Xp0I/GgCODVIprnyVifP/AO3x9fkPFWkuEZ3VY3ypwwx7ZpANlWS8gkSLdCAeH3YYkHnp24x/nNI921s0ccsQZ36Op+TjqT3X9eo5oGEkErP/AMfm0h8n94RxvDAY7cfL+NaCZ8sbwN3cUwFOM0xgKAIyB6VCyr6UAV3VfSqsgB7UxlWVBiqciCgCnIoqHGDQB3L5xxUJLZpCGjOaeMmgBw3UpYgc0gEUk80/NADhnrS80xAenPempkjrQARQpCmI0VF7hRj2/pVOB7VV3O8RZ5WKt9WAH45KigC8204zjrnmlG3bgYApAO6VnW81zJPNIluohdwAzuQeAATjH9aAHWU16bdS9rEJCcsrSFByAcjg9yeuMe/WpEa6N/EZ4YUQKwBSUsc8dio9KAHPp0cp5mkADFhg46tu/EZ7VciAjjCtIWI7mmMduXrk0hGRmgCJ+nBqu5YkUwInGOpqs4z3oGVZcYxmqcg680AU5AfWoe9MDuJOnpUBHHWpEIF4yWpwxnrQA9eO9KSCaQCbvTinACgBQevJo6d6BDu3JoC+hxQAvbGaptpdoy7fLA5yCOx+Xn6/KvX0+tAFpIRHEqBiQoAGcU7aBzk0ARXlqt1CUd3UEEZU8jIxke/PBqYn2oAcMHtVO8juHYiB9uVwpBxg569D24/pQBC8OpEfuplB3E4P935sD68rz7H8dGEN5QEhy/fFMCXaPeg49TQMjYj0qu7jP3eaAIHYMOarNgZPpTGVZMdT3qrIRnAoAqSYqA0AdpdJujJMjoF5ypH9a56HV7CeNX+03aAqG+YcjJIHA9x2pCJre/sLq4igiu7hml3bDuIB2gE+/Q1pCxTvLP8A9/W/xoAVrGID/WXH/f8Af/Gm/Yos/euP/AiT/GkBINPhJ+9cf+BEn/xVPGnwDo0//gRJ/wDFUAOFjCB1m/7/AD/40JZrnlpcf9dW/wAaAJfsyAcF/wDv43+NHk/7T/8AfZ/xpiHeQvct/wB9Gj7NGRggn6saQB9kgPBjH40hsbUjmBPypjEOn2f/AD7RH/gApP7Nsv8An0g/79ikIQ6ZY/8APlb/APfsU3+y9P8A+fG2/wC/S/4UAL/ZWn/8+Nt/36X/AApRpWn/APPjbf8Afpf8KYx40vT/APnxtv8Av0v+FB0yw7WVv/37FAEZ0yx7WcH/AH7FRNp1mOltEP8AgIpgQtY2o6QIPwrK1WWHTo4WFt5gklCHDY2jBOfoMUASvBHjgHH+8aqyQp6v/wB9mgZTkt0Pd/8Av43+NVxAiPuBkz7yMR+RNMDuLgSMu1CgBHzB1zn9azVtYmVSi2ZUgFSsIwR1GOenepEMWO3tULhrRBDyW8rlePXPpV1GmcfLPEfpGf8A4qgCULcH/ltF/wB+j/8AFUuy4z/rYv8Av0f/AIqkAoW5H/LaL/v0f/iqP9IB/wBbF/36P/xVACA3Jz+9h/79H/4qnqLsH/XQ/wDfo/8AxVADsXX/AD1g/wC/Tf8AxVLi6/56wf8Afpv/AIqmINt1/wA9of8Av0f/AIqjZc/894v+/R/+KpAHl3JP+vT8Iv8A69Hl3H/Pwv8A37/+vQAeVcf8/I/79igR3APNz/5DFACmK4x/x9f+QxSeTcf8/X/kMUAJ5Vx/z9f+QxS+XcY/4+R/37FADvLuf+flf+/f/wBejy7n/n5T/v1/9emMaY7r/n4j/wC/X/16gkW7Az58WP8Arkf/AIqmBRuZriGJ5WnjKoMnEJz+HzVlvql1k74JEQfedrY7VHck7+lAFhxdEf66H/v0f/iqqyLc5/1sP/fo/wDxVAypItx/z1i/79n/AOKqHE24bnjI74Qj+tMDtrxlS1lZ9+3ac7B8x9h71y9zo2mXEYETzHMXlhlcERq5Y9/Q547AVIhXsdEt3mV5Jd0mI3IJO4sPYf7B/EGrmnXGmRTyPbSuXmODuB+bbx6UCNGTUUiViVyAVCkMPmycf1/Kk/ti24ClixcJgqRyfqKQC/23ZCMsZG4AyApJ5xxgdTz2pyatZyRh1c4Kb/unhff86AGjWLITmFpcSAKSCp6EgA/mRUg1EFpMIfkmWI/jjB/8eFAxRqsHmMN2QATkd8dfyqC48Q2kCSEb3ZImlxtIB2gcZ9eaBFxr9IpH3jESrnfn69sex/KoItes5QDuYbn2LweTkY+mcj9fQ0APbV7cTpGodg0LS7tpHQgYwfrQ2s2iBd77dziMDGeSSB+oP5H0oAfNqttbRSzTNsjiPLY9gf8A2aoZ9dtIpYo9xYuWJwOijOT79P1oAWPWraWKGRWO2UgZIPcA+nuKuW12lwPlyG2qSPTIoAkbOetBzt460AIC+OlOy2DTGN5PWombqOaYGPqpZLFZVQSCGQSOh/iA+pHQ4P4d+lRz3saWL3SjdHs3AdM+g56UAULOO+FrHukRFIyEMZJUdhnPpU0mc0DRUlJqAmgDsL6XyrYnCncyphhkfMwX+tZu4vJA0lshYOwOYjwqk7SDzg9PzNIRWEzvcfvtOicLEZDiL5gdzY9evX8TTba9Vp4wmjhE3sPMVeFIbaei+xP4D8AC9HI0iK/2ARtK5MiFAd2OhzxzwOSP8aqSTOpkih0kb0DFGMZVeDheg9ORg+nTPCAmjuCB8+lbSHCthM5HPI4zjIGOPrimG6uBucaUgXahK+Uc8nDDPsMUCLf2gxaibePTvlUKROF+U5B9u3T8avQCN44pXgSOUqGIx90nqP50DJGiiOWMaEnnOBzQEjAwUXp0IoAmG1hyODQEj3H5Vz34oEPwD2pgRASQoBPU4oAcVXByBz1pgjTHCj8qAARoOqL+VLhQ3yqBn0FAAyj1pQcd6AHZApcimMa2KibFMCpKinPv1rNbTLXbtKMU/umRtuPTGcY9qAFfv6VWkNAynJVdqAOuvmmW1k+zorz7fkD9N3bPtWPLqGqq7eXpW9fLDKDIAd3Hyn9eaQiNL/WxBAzaapkb/WjeBjhv/scfXtUsV3qi3AVrAGNnj5zjaD98/gaBG4vFB5b2pDE4DA1JuHpQAEgYz/KghSaBD+MYpCoJ+lAxykACnAdwaBC57UZpgGNw5pQMDikAm6kPPSgBrEkUi9OaAF3DvTwRimMaSD3qKTOOKYGa2oQMceaoyccgjnj/ABH51TvJ3Z1t4pQsjnJYclVHU/yH40AUWS6tv3z3RmRDll2Yyvc9e3X8KkeaNjhZEJPQBqBorSZqA0AddfCZoSIZBGwOdx6VQ/0h5w6yIcEksJDt6Y+76de45FIRHGdQwWFxA6FyQQemQCq9OeSfwxRE+qLcIjzWoTaAQSSd3Gfwx/MUAS+XqIK7HVVMrFsvuwNpxjI6bsHH17cVAYNZjt4dk8LSLHEjtI7YJB+Y+uT+tIB6Rax5Lp5sO4u5BZiSoPKjp7/yqSYarJgo8SBWJ++eeDgHH+1j8vwoAGGrbB5rx7wHwY2xk4+Xj/Ghf7XIlMYh2kny97Hnr19B0/z0BD0GrYRXeJuDuZT1POMDHTpTSNa/g8gfu/4z/H/hnH4ZoAsypdlp9oYrIgRdr/cYZ+bqOOgwOeKS5/tI3O63CbFjYKN3BYkYyPwP50AKW1UlhiMKMbSMZPTPf61ZSO4Kxl87lkYn94ehzjP6CgCGRtTEjMkSEHIUbvy/r+lITqrw4KwpIJVPDdVGMjv33fh70ALJJfpc4EasjPhe4A2jv7HcefTHcU6CTUGghNxEiS723qrcFfmxnr/s9M0AVZLjWA82y2iKhz5fTleMfxfX8h+Etu18JGE4Rl3Haeh2+/JyfyoAuYB5yadtUjGTTGOUAdCaZIfSmBkNpltGxYKfmbc3J5OQTn8QPyrOv9MSBFubGCKKeJt2I0xvHccdf17gdaAK95I9/HHbRxSqruDIXhZflHPBIHNWTGqjCqFA9BQMrSZ9agOaAOr1C3+1weUJ2hJOdy9azxppjRlW4OS27OMdyf5mkInFnuQ5ZPncSOCpYZAA4546f/WqrNoRlZgtyy79zFxkEMW3DH0JP6UASnSZnOTdyDCbVO5uTzyRnGfp/wDWqWDTZIrI2z3TTZ+80y7t3r1NIBZtLkkacpeyJ5zqxIHIwMcEEdePyqOTRi0ZjS8mRSzHGSev1P8Anr1oAnXTpNwZrpmIfeAc4HXgc9OaZ/ZU4t7eFb+VfJVlLAHLZ6Z57UAXLK1NqsgaVpN77ssenAGP0/WrLHg0AKppwNAC0ZoAUnPajP50ANY8jNMw3WgQ1w+evFRnf60AALetSK3HNMY7dTGNAFdzzVeQ0wKz1Wk6UDKcnWoGzQB0WpRRTvbJLLsZZd8YB+8QpH5c1kRaf5skKHULlpUUFsE7X2HB69eTSEWdNihs1jKX7OgibEbvxjOc49uRWos4Y4V0LegNIBUu1kgEiE4LbeVIOc4xg89aSK8jlSFlcETLvj4+8MZz+tADheREkBwSCB09elOF3Fht0q5Xk80AAulYAq6nPvSR3scse9JBjOM9P5/WgRIblRIybhuRQ7AdQDnB/Q/lSLco44cH15oAcJxuIBGfSgXBzjHIoAPP2uiuwDP90EjJ+n4U77Smzf5ibM43bhjOcdfrxQA5ZW256g9DSfaUAJaRRtGW5HH1oAX7QhjWTcpQ42tng56UvmnP3aAGyTADPb19KjMhxyOaAG+ac42mnCTCk4pjDzWz92kMjY+7QBBcz+TA8r/dRSzfQViSaWLvbPctJ5rjLAEYHt+A4/CmAw3QsXNq/mMAN0eyNnIU9jgHoQfwxT1nM0YdVcKf76FT+R5oGQSbsnFV23etAHUX0dvJJCJ4VkBJA3DIHGencfKPxxWYZNNjZY9sh8zhRltoyTjGOF74NIQBdLMLSFGRTmMruYdTyMfU9qZa3umSSLMI2UybssxJAMZx/I5/OgC7E8AtwUhk/dqsq/NljnOOSeT1HNRb7C2m8sQysbcCJT1wAowBzk8fqTSAbbnR1Mbwu/zOApCsQTxwOOny9P8AZ9qQw6VeFV8ze0ZYopJXJI5AzgE/y9qBEcsOmSW2yaV1jCB2BblAOxx0xkfTNKqaUXmjMrAsQG38bsBTkfQY/wA4oAsNLYyR+b5jN9ojSPAPODuI/wDQmqMWtjqEZmMz7WPlZ3AewGfx/WkA5LCwuS0Echfam04IPGPp6N35/nTn8N2TIFG9cbeVIBG3pjA4pgWl03y41WKWRSjF1JbIBOe3QDk8DAps+lrOFDyS/K4f7/BOc9MY6+gzQBDFoUcRTbc3Hyju455zzxVi300WzEpNJghVA9MDAoAbc6W08apHNLGigAKp4XHTH+ew9KdDYzxszG6lOWLY9OvAznjn+XTFADH01zFHGtzKPLdnU4HUhgemP71Rw2VzHcpM11JtCbTFncOuep9uM4z+dAF3cxbkcUbn7AUDHBm3ZNIS9MBj7iprHYahAvlQRo0a/dZsdOw6jp0/CmAsMUyh5Jsea55APQDoP6/UmmSB+5oGVpFb1qsy+poA6O+u4LW5jSTzNzgkHJIHt7ZwfyNZkeraVIglJ2r5ayZ2k9SRjjuCMUhANc0ollLMIVUP5m0lSMlR056j9a1ls7dSCqAYORgCkAosYhGEy23AGDg5x9RQ1hG77i77gc9F5PTnjnrQA1NLhRspIy/REx/6DQNNjjDBJWVXBDARRjOeufloAJNJhmULLIzgDaN0UR49PudKT+yYtwPmNxyP3UfHb+7QADR4Rt/eN8vK/InH0+X3NKmkwxR7EbChg2Ni9fXpQIkt7BLZi0JVWbqdvXp7+wqz++/vp/3wf8aAA+dxh4/++D/jQRN/z0j/AO+D/jQMb+/z/rI/+/Z/xoH2jP8ArYv+/Z/+KoAU/aOMSxf9+z/8VTv9J/vxH/gB/wAaAEJufWL8jUTtc+kX60AQs91/di/76P8AhSB7kdovzP8AhTAcGuT/AM8h+dH+lH+KIf8AAT/jQA1hc/8APSL/AL9n/GoXW4/56xf9+z/8VTArv5/9+P8A74P+NVZY5m/5blf91R/XNAyqYXB+a4lf2O0fyAqCSJWOSz/g5H9aAOlury0S7aGZV3JF5hZl4C89/wADVcm0MUzNaxjyyBs2rlvlB4/76xSEVZLzRQXBhiYgJn9xkEMRjnHPrWhHqNtJGzo+dgJ242k47c96QBPq1tbIxd8sqFyo6gAZPsKZJrtpEH3lwVKggqc4OMHH49OvB44oETDVrfeylj8qhidpPBOP6U2PWbSSSRNzL5YViW6YIyCPzoAlGp2xYqZkXDbcs2Mnj/EUSaraRxF/PRgAT8rgnjrxQBL9uh8pZPMDIzhAVOeScDp9RRJf28ME80j7Ugzvz2wM/jxQAC/tSSBcw5HUbxxQbyIkhX3EAk7QW6Yz0+ooAZ9vjFusxYqjDI3KQcfQ809bnccBlP0NAAbqPBO4YB2nB7+lSCUYoGPikWRA6sGUjIIOQaVpo1bBdQ20tgnnA6n9RQBHLOijllBxkgnt61G0hx0oAi3tQH9aYh3mAHGaWSZIoy7nCjqaBlc6jaklTMFI67wVx09fqPzqrcatZxBt8oG3IPHTAJ/kKYETXsWcebHn03DNVJrkzb4YMs+3lgcBcg45x1oGVGuJrdI450yxAXzFPy5xyT6f/qqrFH5cq/vkLAYYDv0yaBHXTTP9oOEVkB2NhCTjGTzn3FVXmlCAJCvMnXyyOAQATnvjv7dqQFMXUUUKmXTVJLbcpGAPvAKefrVq3voyhDWLxb32Mpj65JHP5frQA6e7g2SPJAkioQv+ryQCQCD+B/ziq7ajpyzNClgrhGVHIiXphsY9fu9KQh8Wp6bJI5NqgKkKp2Lkjr+WRnj2qWObT3uo4Tawq0u9MhRzsPT8h09qAGLe6bdQo6W5dWkCjIHB5Hr7fy9q0TpVi45tlPXueM9fzoAU6dbBFRIggBB4JHTp+Xb0wPSopdMs54GilUuGzli7buRg/NnPTjrQBE2iaedx2NksGJ8xuoGAevpV2K0hjfeFycluTnk49foKAIbnTba5CB0JCrt4OMikGmwiRXwxIOeW9sUDEbS7ZtyYkCsSfvk4JGO+e1JHpUEMgl3OHHHyttH3s9ucdBjPQYoAH02PbGqyzjYu0ENntjoRjv2FVpNAilYsZ5wShjGCBtBAHHHsKYEv9kgEHz5eARyc9c/4/wAqswW/2dX/AHjOWOfm7UCGln6H86qu0k1xJAXKIqBmK/ebOR17dPrQMSdTZ2ktzbnGxC5jY5VsD9OnUfkaSJUk3LebvMYAHccL1/hI98e/SgCRFtvtBZGQykn/AJaZPbPH4Co57C3lYs8QZjnJ3Hvkf1P50wKt7cRw3NqhyW3H5VUsQNp9PpVVroC+dVglZmQEdBkDHY45+bnNAENxO5aPMEikkgbivoT2PtVSO0EZWQkqwG0DOeB07UDOxYozZ3DPsaXap4pCFCL0IB+oqQUALmlIBFADhijAJ6CkAgjUfwing8UABwRim7RQA3avpTsn0oEGTmgtigY3cc5pOW+8fwoAeGFLuxTAaWqNmoAiLVUkWSK5adV8xWRUZRwRgnkevX9KBDJna9t5LaFW2yIUaRgQFzweDyTzVx4ElgMT/Mrdc96YyodNVJBJHNIHGeWJPBxnv/s//rqxMX8ptmN+Dtz0z2oAz4I5MtJOP3nRScbtvvjjr+mKV8e1AGde+ZtUxqCwyVz2OOP5ms2QXYkUtIFQOPvEDK8fr19qAOxa1tyeYIz/AMAFH2K0PW1h/wC/YpAL9htP+fWD/v2KcLG0HS1hH0jFADxawAcQoPoKesMY6Lj8aAH+Wvv/AN9Gk8pc/wAX/fRoEBgT1f8A77P+NH2ZCvLS/hK3+NIYn2SP+9N/3+f/ABpv2SPP35un/PZ/8aYCeQB0klH/AAMn+dHlOBxPJ/47/hQAeW+M+fJ+S/4Unlv/AM95PyX/AAoAPLfr58n5L/hUM0ssXSQn6gf4UAUZ9WuYSQuw49RVT/hIbzdjZD/3yf8AGgBjeI7zI/dwf98n/Gg+ILs/8s4f++T/AI0AJ/bl1/ci/I/40h1y6z9yH8j/AI0CGf8ACQXY6Rw/98n/ABpf+EivMf6uH/vk/wCNMZPDrN1MQCIxn0B/xq8jyyrkysPoB/hQAxkfP+vk/Jf8Kgkg3fellP8AwLH8sUAV2gQcfOf95yf5mq/kxI2UjRT6gUDP/9n/4THoaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLwA8P3hwYWNrZXQgYmVnaW49J++7vycgaWQ9J1c1TTBNcENlaGlIenJlU3pOVGN6a2M5ZCc/Pg0KPHg6eG1wbWV0YSB4bWxuczp4PSJhZG9iZTpuczptZXRhLyI+PHJkZjpSREYgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdG9yVG9vbD5XaW5kb3dzIFBob3RvIEVkaXRvciAxMC4wLjEwMDExLjE2Mzg0PC94bXA6Q3JlYXRvclRvb2w+PHhtcDpDcmVhdGVEYXRlPjIwMjMtMDItMjZUMjM6NTU6MTcuNDI0PC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICA8P3hwYWNrZXQgZW5kPSd3Jz8+/9sAQwADAgIDAgIDAwMDBAMDBAUIBQUEBAUKBwcGCAwKDAwLCgsLDQ4SEA0OEQ4LCxAWEBETFBUVFQwPFxgWFBgSFBUU/9sAQwEDBAQFBAUJBQUJFA0LDRQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQU/8AAEQgBuANZAwEiAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A+4ivPtTWb2p7HB9qjIzXMdpHKe3TOO5xwD2zUDKMHjjvUsjZbHSmMKkCsQOflBo2hvapDTMY5qQITFhuvH0FN2q2eB+VWG+6eOai2+9AiNUHXH6Cnj5SO30AH9KcifN1qVkXvQIjU4ONxP41Lg8c1EVO4ECp1G72oAjOeTnOO2KfGxb2+lLsxnnNIq+lAEhjG3NIowelG5sUqgmgAIU9RxUq4GMDimbfWlDflQA9aT+Klp4xigCMx5708KMdcU48dqa3PtQAhU4xnFL2zRu3MBjHvTsdutAESt1GKeqgMOKXyypp2PagQ7A28Cm5O7HSnc45FJnvQMUtt680iketIxz24pyKMUAKzD6UixjOetLsBoXrwcigBenTpR95TS4o6A0AMTBPSn45z0pqrtp3PagRRvGMkbgrk44qvHGY2TAz8ncVpSMvfH4ULjtzQBmrIJJAmzafXHFWljwcKMjuamWL5iT/ACqYKBnHGeMUAVSjLHgr96kjjO08VY5kwByQcDApfucE8n2IP5Hn9KAKZDdMFRUnlZUnGTVpYxjBP0zSpGzuqqrcnA+Un9Bk/pQIpqrM2WHAGKI7d9qgDoc/WtDyXbGUI5wR3zxx9cnp19qRUbttORkfMOvHGQcZycUhkHlvtOOD6U1FddxYY9qsjbwcgg/dZWBB+n9ads3YOCfwpgVJYZWkBBwuMUixDcgOdy5/lVvaeigs+cAAEgn8BWZH4g0i4vJbaHVtPmu422NAl5EXDE4AIDEg5IGOuSBg0AWljZZAcZ5qRm2yMW49qpX3iPRdLvorK+1axsbuXHlwXV1HHI2enyk556jHUEdK1GXqSu5c4DAceo/HHOKAGSAsoK1C8JbccdRVjciqxBXaoyWJwAO5J7VR0vX9M16ymu9L1G01O2iYxvLZzLIqMBnaxHCn60CEa3fchDbdvt1qzDGUQ5O4k5zisG4+I3hW308X8viPTUsjM1uLgzjYZV6x57tnjAzVu+8ZaFpN1ZWt3qttb3V8N1pDIWDTjj7oxz1FIZpRwsudzBmb+LbiiS16bTz9Kss67iOw70iHH09e1AiG2hEMKx54BJp8lv5nO6ptu7oM/QigNs7UiiHyflC96lhgKA9zUq4faR1Ncr4q+I1h4cvl0i1gm17xJLxHolgA0uDwGlbpEh/vNzjoCcCqAofF3xdceBfBc+sIq+WLiC3kuJImlSyjkfa1w6qckIAWxnnjJAqz4RvdYu76drjUdK1zQZbSGbTtV0qERiVizB0kAkdcgBSCp+uDwbV9deJV8K2ks2gW9/qUs8cWoaRYypKj277hIFMm1WIXYcHgkY/irgvCnw81LQfFmvXnga0/4QvRb2yQjTtWj8y3e+80Nvjtw5aNfLDox4+ZhtUjgoD1r7Oc85Vx/D3+v0qwISwzn8K4bSfig2n30Oj+N9N/4RPVHfZDctIG0y8b/plcEAKx/wCeb4I969A+VVZmO2NRksegGM5J7DHc8e9AghUrtDDqcDHvXFf8JVqHiL4hap4b0a8XS4NCgt5tR1DyFmkeWUFkjjVvlxtGSxz6Y70/Tfidb+JNcTT/AArp0/iS1im8u+1mFxHY2oHUJKRiaQf3Ez9aot4b1nwj8TNa8UaTpza5pOvWsEd/ZWsiR3NtNACkcsYkKq6MrYI3Ag0LbUZi/EzXPHHgPQb7Uf7Ysm0+3vtPggm+wIN0U8nly+YCT86khsj5eny1f8aeLNS03xz4F03SPEdu9rrF5LZ3YSCCd1WOEyeYCPuliNp7AZ4qL4u6F4i8f/D+502z8PtulvbR4rKS4t/PWOKRJHaXdJtAIXaFBbkdeeDxn4MnuPE3gHWPD/hKJV0vUmvr/wCxm0hdEeJo/K++C5BYHjg44OapAerNbeZGccDgnBz2H+I6YpyQqFwvA715v4i0+zs/ix4S1WxgsZZpryexv5re5JvN7QHbvXkPEoQnGRglTXpe3auf5cjv3/CkBD9lUSbsk46D0pfJAkLjqaeTiiqsA108xcE8VE0K8fTFWKjagohEAHel24460/NI1AFR7cFsgmm/ZgwAJqyy96ZuzxjFAFSSzBzgmomtOTycVeYgfWoiST7UAQrGqptIyKge0XdknNW2ph5oAz2skDbssaiFoEkLAk+xrQf6VCxoAptbqqsPWqvlbl8vBHvWi+Nue9RHGeP50wM57Uk/MePpVSaxP3RIfyrWkNVpvWmBTZAEwetU5I2YAZ5X2q/Iy9O9V2UHNIZmXFnvB55qtLZsync2fTjFaU2AeKgfnPemUZv2dkUruBFUbyF3cA1sOu3nbVW4GeaAMaS3k5K8n0qJreVR8wAP1rUf0xUEi7jyKWgGTJC46DFVWjbeM9K15FG6q0y9aYGTcrl8gVVOc1qMoXPeqzHHOOtAGXNnceKgdTg84rTmA71VaPPbimBSJI6MacmQCKmaIUzbjigB6Y3c9M1FuqT+EnrxU/2WP++PyrWIH003JprfL3pWqN+uKwIIm5JPeo/4qc8gJx0pjc5xSAb60xmx2pG+U0m4d+akBGb0pu4fjTpNtQNwc0Eku+pR8y5PSqqksRVqPIWgBd2OBQrHdUZk+bB6U/7uD2oAk3e1Ip5pu7jNKhBPPSgCVOTnqKc3ynNRq+36VI3zYxzQAbvel27ajVOc9KnVd2O1ABjinAYHWgsKjf60APLbqYzbajGV56ihSG60AWR93NLv29ahVtzAA1Jz6UAS792Mc0uR9DUKOVzzQ0m5eRg/WgRI7Ee9InzA03dxSK1AD921vanrg81XJyanjGR1oGOPPTj3poITvmgMGyO1MbG7pQBLu9qN1GOBg0nHrQAvvSFsDpSjHTpSMPegQxueoApI1Gc96gupG85FH3e9EeFcc5oAusNw4601gVT3NMabC8cUGTdGCWIPTgc0AeG+MvH+saH42+IVi/jY6Na6Tp1rd6XaPZWkhmnljdhAFaLe4JTAUEH5s54r0nS/Gcml/DnSvEXim1k0y5ksreS/t7W2klMM74BQIilsZOcYOME8Yrhte+ENx428aePLzWre1t7HWbazj02+hufMurGa2VtkwBTKksVbg8YxzmvSvBbeI49Bgj8TmzfV4QEkvNPmZ47oD/lpgqNhPUrzznntRoBzafHjwpN8sX9uSs3ClNAvT1/7ZVh/Er4nHV/Belr4bfUdNbW/ENnoMt3dWUtpPDHKcv5fmKCCVGAw6FuOleweazcGWTHcBqxPG3hLT/iFoNxo+rCYwTMsqTQPtlglRiySoTnDKefQ4wQRxQIyLj4Q+GZLrTBZabHp7WN0rMYVO66TBDxz5I84MC2d/O7BrwrRbr7P+y74rtk8KXtwPL1SU6mEtzEHSWXZKGeQPmMLgfLwBxkc17Z4UhvNctjcN4yl123sbiS2TZpyWu25hcoWlxjzcEA7eF3AHHaqOl/BqDTfhbqHgc65fSaffeckl19nhWYRzMWmQfLtO5mJBYEgHAoA2LCfVNF+Hnh1fC2hWOq3P2G1D2s139ljCmFWL79jbst7ck5qlHrnxNY/N4J8Nxqeu/xE/wDS3rqdA0s6Lotjpz3Ml+bWJYVuJokViqqFXO0dQBjjrWkF98fQCgDyf42eKPE2j/BHUri6it9C1e4uYLOZtLu3lW3t5LhI3YSbVwSrEZxxmu41HwL4fuNPtNNTTLa3tdNlhuLJ4kUNbPG2+NgxyRkLyTncC2c5xWrq+i2GvaRd6ZqdrHf6fdxmK4t5hlZFIAwfyzkcjtXPaL4AtNHjtrdtX1jVNOtCpttP1G6WWGLacoCdgdwpwQHZsYFGgzmP2c7W08XfCe2vtYto9Sv/ABBcXD6u1xGsrzyGZkZGHOAqhVUDBUEdByKHwW1TxZqXwasv7Jk02e+tdRurKzn1ppWjlsYpnSP5kJYsMKBzjaD3rtm+GmkyTal9ludT0q01ORpr6xsLvy4LiRhhnwVLIWHDeWVz7V09jp9ro+n21jZW0VrZW0axQW8S7UjRegAHpk/mScnmjQRh+Gf+E4/tBj4ifw22m+Xwmjrc+b5g6/f4A/yOa801DTNZ8D+NPF3xC8PRz38cOsyW+u6LGd32y2EMLiaHv50ZYnA6qSK9vVtoB67RgevXr9ay9B0S10GfUJbOS7D310bydri5abMpCgsN+dvCr09KBnh/jjWbbxD+z3PqmlSRXtpceKVvLQs+FlU6qSjHqQMkDkE8Dg11XjK611vi38Lf7ZstNg/0+/x9juZZm3fZGB+/Gu3ABxjueg611+ofC3wxqnh1NCl054dES6a9FhZ3UsEQmZy5YBWB4Y5A6AgelXtS8EaRrmqaPqOoR3VxeaTn7JL9unQxkjDN8rjcxHBJzkZB60AZ2uaT8QZtWun0rxH4fstOZ8wRXujSSyqv+0/nAMfcVz/ir/hZ3h3wzq2r/wDCV+HJ20+0muvJj0Nxv2IW25884zjrg16k7IuSFHPXAAz9a5z4hjzvh34qUcbtIvB1P/PB6BHKaHY/EvXNF0/UT4z0OBLy2iuBH/YJO3egbHM/OM9fatH/AIR/4hScN470tT/s+H0I/wDR1dF4NYf8IX4bJUZOl2uevH7lK2GxGuQePyqWM8m8YWPj6xuPDunXPjyOWy1jVI9Nn/s7So7WaNWR5CySbnwf3eOACN2QQRXpnhbwxpfg2xNnpNqtrGzbndv3kszf35ZGy0j5/iauT+J0my+8BSjJEXieDn0HkTgk8dOn5128c/zc8nvQBdBC4GPlAwB+XH046UNIOMDGDwNxwPYc/wCfpxUStu74pdh2knpVAR39hbaxYzWV/bw3tlMCJoLlA8bj0Knj8sV4D40+Hepp8QIvCvh64uNW8MWemJrDeE9U1OVbaVWmeMxJLywQbAwjYlM4GAOa+gFY7hzgA57Vwaybf2gHH3fM8KAkL0yL09vxoGaXgrx/omsSR6FHay+F9atYwB4cvoRBLCijI8kD5ZIxjIZCRxXcqpf5VG9/4QFJ+YjoB2yfb8aztW0ux1VbJ7+0hvGs5RNbmRMtE4PVG+8CenXBzjvXAXWvXXi74yaj4Turm5tdC0bTIr24W1maF7yaV+S0ikNtQcYBHOOvQoD1XZuXaCxxkhGOTtyTkDsCcD601txbgtlTgbQSwGM9OcYHPHFeK/G7Qr3wz8P/ABPrGkazqVstrZ2pgtU1C4/0WRJwHMZD7trRyYKseozVf4j+KLLUo/hzDYTa/AJtdsrOQyR3lsk0Dhi0cjMFDAkqRnPTuOaYHtMemWVrqE99FY21tfyqFluooUWV1HQFwNzD7vBOOKs7s55wvUKOgrCufF2i2es2+iSanbx6nOP3FqSQXwCcAkYLEAnBOflrVVzzx06+3/16ALDNkUq/LyTxUIbNS54qgHtIpqDzFbvUTTESY7VG3ysTQUWsAd6azAVGjFhmkZj6UAOZvlNR+9NZsHFRmQ5x2oAVvvZzTefpTfMLHpiklmB+6OlAA31qJmPQfnTWn6EcmkWbzFOTQA1mP1pjdCe1PcAd81SluCr47UASs3GKikqJpic4GDTGmZs56CgAk+tV5Bu70rTZXpULTADNMZHMo7Dmq7KfpU0kwZc9KrtL0zwDSGQSZzjrULqRntUksoVsjmq0k55OP1pjEbPPNVpiM4qdX3g8YqtcdM0wIJFAwc1WkIp8rfKKrSyY4pARSH5qryHIPapDJnNV5nXYRnmmBBJ96qkrDpUxk3e1VpMM2c0ARSn5ulQt6dBUkjZwahdutMBjfWo3XjrSluaNwPagBidR9af9kf8A57fp/wDXpMfrxUnme9bRA+m81DK2MnFS/d96jl+ZT2rmIKMkm1ulNkmKqNvelkQmSo/LOQM5qQI2lO7JpjSfN1qZo+eaiEIGeaAEeT5aasgZSO9O2A5zUfl7eRQSSKfmxUyyHpmoI/mYnFSqtADtwalZm4AHFNCgUrZ4waAH8dOtNZjnrgVKE+Ye/WkeL8aABpBgcZpYZTmnQxqo+apPs46jpQBEJG3deKmjlLDrTDHtUjrSooUUgF8wbsE0M26o5Nq8nvVe5kYMgXvSAn83sxwKFk4OKpRiSYtznFW1DKyqehoAmjyDmptx9aZt28U9aoBFbHXpSSseCBxT2XauT0pvmA8DmgBw+71pMH1p0aGpNuWwDmgCFe9SKx+lL5e3qaVl+Qkc0CEPtxTecVIqnZk9KDge9ACLISOmDS+vrSKo6k4FPUBmJBoGNbPrSAnpUxXjNRN7daBEU0fVu9VYmLSY9s1dkb5Sc54qrbkPJgelAEkYLZzUm3jGMipPLz04qRY8LzQBVVT6Z/pUvzEE9B9alVQvNOVfxFIZEoK4pQxWRcDPNStjqSFHcmlEbRsjkdPmOeOAeT9M8UxHnXwTZpPC2uFuT/wkuq45J4+1Pnr713siHPHI9KxvBPhVfBOjXNl9p+0C51C7vzJInlf6+YyBACTkjcBnPPt0reOxSfnU8Z+8OB69e/b8aBEca/MKmYbRSKyPu2ujlTglHDD8xS7wTSAY2VIHrUbRfOMcVNLjik3AAZOKkY5EIx2FPZaZ5g6ZzT0kVhigkhINIqY4J61KxC5ycUqqHUMDVlDFyPcU/k9Pyp6qAMZpBIFNICOVT5eQuWJwF9T6Vznjq4H/AAgPibjCtpV2Fb3MLgfiT0HWtnW9ZstF0m7vr+7is7G2jMk9xM21ETHJJrxXxRrQ8YR22u+ItMnuNNuGaDwx4Oj3JPfyuhH2udR0G05GfuIckZOKQHqngGYzfD/wzKAX3aVaHjk/6lODjp0roTIEUCVWCsBzjmvJ/C/wLi0/wnpVrquu+IDqEMISZbPW7mOBSM4RF38BQVX3xnjpXSaH8OtP8P6lBfWd9r91cIGUx3msXEycqV+4zEE88Z6HB7U2BQ0v4q2GrePb/wAHajYf2ZrmnrHdwQ3EiTLcx7QfMhYYyQHBI6gHNdJ4V8RXWvX2tWsmlNYnTLo2jv8AaBKJXEaOWUBR8u10IPfJ44rzfWPCOmfEXxV4ytbXUbex8R6ffWd1pt/FKpe0mW1jQtgHPllgVZTxxWn8LYdR8X+G/F1t4usp9J1GbWdl/b2sz27ealvbDejoVYK5QsApxtJBqQPYLW1mlbAjYjqflqaeGXG1IXPOD8przyP4P+GVOQ2uNkY+bX70j8vNqT/hTXhhVb5NWJPrrd5/8dqgOzmtZgrjy26HsfSuBug0P7QVkpQr5nhiY8qRwLxcdvemN8D/AAnIuHi1fC8j/ie3v/x2sLw/4F0fwF8eNLTSI7pEvPDl15n2q8luTlbmE8GVmI69jTQHsUi9ATkdx/SuO13wHfSeLrPxf4ev4LHXFtvsF3BeRtJbX1uGDKHCkMrKRw4z06V2KOMkGnSSKMrgEYoA8+8ceA/E/wAQ/B+raNeavptm+pxC38u3gme2t13q5YBmzI5Kjk4HtU/jDwDrnivQPDlkdR02C70i/t9RaWSCXZK8GQowCMA55yTiu7hZXOcDg9MA5qQsY2GOdv4dT7UDPPvGy3OqeJPDltYGaXVNM1SC7uNPksHNrIjL5ckxm2YBVGcqQ3YLjnNehJB1XcT3BPPBLc/WiOUsMMxP408yDgdPxoATyyvuKdnil8zb3zVW4ufLkVdnLDPWgB/2cs27OKeY+vrUS3BVfmBAp32hT93mmMPKK855psiHHWmG+RsqMl+4pYZPMJGaYxjRFmzmm+Sc1ZZdvSo/M5680EldvvcdqY0Q7cVO2N3FNZhigZQuozGoK8VUkkePbgjnrWhdqfL24zVJod20/wB2mMZHcPcRyfwhe+OtZ3nNI2ehzV1M27OoGQ3QelQvYsi7iPnHOBTAa7vEAGHLVHIrqpY9M4qY759jFCNtOmyVCbeCc0gKixscYqFrd24yMVek/dEDrUG7LMMAUwKMkO0Y4JqvIpK7T1q9JgfNjHvUMihj60DKU0W7GKqtGwbpmr8gxx+tQtSKKbKUBqGYfu/U1YuGxgk8VVlYetMChcIw7VSlVz2rSkbdzVaRutAGftYVUmRiTxWg+SxqB/lB70gM1kbkYquyFcnFaLnmq0i5yDTAzpM1A7n0q7JGOeaqyRj1pgV2JINLG1SMBxTVUbutAA2KXaKjbrnNOraIH083HNNZhtqSRQOM81CV+bJPFcxBE21vrUDMA1JJIFY4qtI+eakCaR+OtQ9e+KjyWaiTKrQBI2PXFRq4KnNV2dvwpvmFjgUCLauFp6zDFVkz3GaVlPYYoEWg2RT9w3DNRRfKozSyZ429aALCzKO2aXzhnNQwxt/FzmlkXauMc0AWdwYDHNTLJxiqEO5e9WFY0gLA+bnFRuwGaFyBxR97qM0gKN0SyjjA9afGpk2Hrt71O68DjgUxV7UgGQxtHIT2ParAXdIpz+FEihVGBzSr8uKAJdwJppYbuDUEsoC5B59KZtNwgPKjuPWmBZkulKnb83r2qNcKM5ojjG3GKkaMMvHWqAdHIWXIORT1cKG2n5jVXyWjbK8GmNNIqAhcmgC8rlutO3flVW3Z26jFSyMY+1IB7XHYdKTzqgZnZhhcj60MG9KQFlZA65PSnqwVutUUc7cDtUnmbeQefSmIv53L6VD91utRW7naWY5PpQzsW+7xSGNmbOQBjNQW8bRybu3SrXlF1qFY3Rm7gVQizHJ3Jp6yfNycVTjLkkMu0fWkRi6k5zQMtNMOuasK3ye9UFhG3rk1NaudpzzigRZZvlP09cZ9q8u+OHhWTxRY+Ho7C9/sbX11eJLDWFA82FvJuJhuwRlCY1yPTNelefIMFUBI5+9XO+ItBu9cudHmj1CTT0026F4qxRKwlkCMmGJ7bXYY96APNtD8bQePPGHg6y1/TYdO8Z6TdXttq+nyqpZWFoxEq/3onK+Yp9eOKz/hjJHpsXxWt7fwjJqNm/iLUElktRaoixpGuUIkdW2qTkbVOM8Zr1C78E6TeeNtN8YCAW+vWME9oJo0H76KQY2yAj5gp5XPTp0qj4U+Gq+F7DxJbQa3eXDa3PLeTSSwQho55BiR0wuPmAAwcgdRzQI5T4Q+MtN8AfAPwVPcWN3MkmmG5m/sy0aQqin95NJyANuVB5J56Y5HsVvdQ3Ucc0LiWCVFljkHRkYZVvxGD+NeZX3hHU/Avw/03wZ4e0/UvEmjmJrO5uPtdpbzw2uDmJSTGDnO3cQSFJ4JxXfRzyi3thJZf2dIY1/0VSCsXA+QEcEDoMdAKkZfuCzH5TVUu8jKAc7eoNTRs75AX5vTNMEMqsT5X1GaYDo3DITnvjinRybRySwNI7OISkUCk5yfmx/SmR+Z0aIKR6Nn+lSIma4MhCAFc8VYtf3asGOVBqJVLLnZlh05p1ur4O5Npznr1qwLfBwMdTiua8SeMLfw9eaZYJaTanrGqFhZafasivIFGXdmYgJGvGWP0AJ4rdcy7iOnHUV5l4wt28OfGzwx4o1F0g0OfSLnRGvJG2w2tw0gkTzDn5Y3UBc+uPWgZ0ek+LrTXtZn8NazpTabqrQC6WwvClxDdQg/fjbG19pxkEAg44NXtO8HwWfijUfEVzdTanqd1mKCW4AAsrfjEEQHQZ5LdWJ9MCuL1iGPxl8a/Bt3o94l7beHba9k1C9hO+JWmjVI4PMHys55fAOQq816nkMoPTngUgGPuYHIyM59Dmo14bnI9SDUzE9OoNMWIP0pCCHjJBwOu0fdznPToOvPrTLqNmK7ScDAwfQDA5+nc+lWY4wqkEUyZTkDoDTAjhcrgZwamaYrgZyaYF2YwRUnCsxb5gRSGR+duBzhD0GWAH5nFchqGm3cnxk8O6olrM2nR6LewPdbDsWRpoWVCexIBIHtXU3M0UULEnDYyOcYx3rzrwf4k174m6OfEGkXlroOjTSyJp8dzam4e6RCUE0xLqVJIOAOw6mqA9MknCMRnBxk+319PxxSmQbIznhu56H6HofzryfS/GniXUtetfCshttN8R29i1/q940PmJbqZTHEkC7huL4LZYnCkHHPFy1+I1xovjC78LeJZoJbhtPbU7HVbeLy/tESMVlSSLJVZFwTkHkc8UAenpIMjacMOq9xU7THdg/yNeTeDPEni3x94ZTxHpN1p2mWl+Gl0zTbq0MonRSVUyy7wVL9eF+UkdaoXvxi1HVvA3hbxJoTW1h/aGsQ6NqNje27TG3kaRo5GUhhwpXPTkHPFAz2JpDng7frj+lSLNuTnr61wPivxJrWkfETwfoVpd2gs9aW58/dbB3jMMYkypDjAfOORx712TbmmwPlGeAOgoAtyE7eCarPn7QGLM3GPpVpo3K4x096j3S4IEWffNADJpS3CsW+tSq/ljd/Khdy5Ji/Wg7sE7MfhQBW2+YxIypzy1XYVWNzgNx3zUUa7W+5k/WpjI4yuz9aoCV5BxiqrH5jQ1xJuH7v9aFyTkjFADTlu9RNJhaslfxqHyweoxQUQMxPfJqBmPmEdKvNGp46VE0Cq2cZJoApSMqNn171X+bkq31q9JCoPUE1A0IBpgRxZGWJ4PahjtOaPLC8A02Q7cEnikBT1BSyhgcMKoNMV5J5NaF0xkGAMis+6t1WPvmmBDJcFlK1FJcFVGRgUrQCNgwYnNMuI/lAB5+lAxqy89cg0krYznik8gBck81BcDavJpFFe8mC4UHmqckjMcYqS4xI2AORTNu5CMc0wKzEr16VWkk+Ygc1ckt/U1WkgAXAPNAEP8NV5e/OKsMpVRULY70AZsk5yearzSH6ircsI3Me1VGjPPPFMCs7EVXeTmrkkeRxVSWMqaYEUjYpFalkWmqNtACtRuo+8KNtaID6gb1qNhu4p79KgkJXkVgQQTRBcnrVdo8jgVJJIeec+1Vg7K3XikBIsOOtNdd3tT/MAHNMZge9ICN1G0jGaZDCF7U8tlc96RWx3oAm8n5c44pAg3UpmIX1HpUTTe2KCSxgeuKTb8wPaoFlz2pfN7YwKALIX5gQal4PJ5qskg21Isi/3uaAJvl+lPjAqlI244BqzG2eO4pASHCnNDyDbx1qNm98VEsh5BINSBZVs96Quu3PWqqtgnJyKRVAjPJoAstcbh9z9aikm3LlRS5BX0wPSoYwdvTvQBYjUKu7PIqdcMi/TNVJnIhOBUsT+XCpb09DQBYjA5o/iqBZh97nH0qXzBt7Z+ozVgS52rUEMiksOop00wXA9ah3DOFHWgC2HHakmPmcGoh8oHHNJ5gLD+VAExQKvFNbHbihs/gKG+aPPekBHtAzipEjVsE8VDuw2MVKsgGRxn60xEqwlWZgcg9sU9ZSDjio1k6Ac/iKVht69aQCNIWanRgKxJ5qNGG7ngeuanGCvNMAZd4pq2qqOvHfinqw5GenuP8AGl3+3FICJlRcEHmngLtwOPWorrCsoHWkbIAxk/Qc0gJOVYkYp2fM4I49BTGZWUZ4HfIIpYpN2Ap4pgBt0zlgcfWh41Y5DYOMDgH+dPYMwx29cioTlTzU/IROsjOxy7Drg5ORmnTKkgPygc5/n/jUAV1P3T9anHy8EE1QxY8Lzt59aXrnJ5PWl3D0JqN356H8qWoCKqrnFPKgnIAqLlfXJqbyyoBP8qBaihxH34qNZN5zULA7j3FTrE2BhMgUtQH7sk464onx5EiHmJhtaMgEFcYwQetAjf8A55t+CmmybhuyuP8Ae4pjK8fk2sKxwRx28W7IjhQIo57AdKnU+Yu5TwDiqU1uzmPg4ByatQxNESUDFScnjgUARzXAUgLyc4p28x4APWnSWrSYKpznNIbObduKNj2FIQec6sD1HpU/neZg4qF4ZduPKbP0qQQSqgPlOF7naaeoEm4HqBUzNGqqOvqagWF26KaXy36eW2foaWo0NkjgnjPmqu0gg5HYjB/SvIPhvHqfwn0MeEdW0LU9Rt9PlePT9T0uJLhLqF3Lqr/ODE6hiuHwOeteuzRTNGPkcDv8h5/SqjW8vH7piPTYT+QxjH4Uxnmkui61onxIXxudOkvLPVtNXTtT07Tv381qY3zFIqnHmLtwrqnzZJIyKkbwN/wsD4lL4h1LTrvStHtNGl0mCC5j8u5nNwT5r+X1QBOBuwcnJxXp620vIaNwSMEsvUYxjkdKeYZVyfs7bemFQgY+n5flT1EeafDE6r8MPB9n4X1DQNS1i70ndFY3ulwiS11CAMSjGTP7vA2qwfB4ON2a4zXPhTqfhv4Q6DoTaTLrt+/iOLW9StrdFeEFpWedBuPO1WCj6V75CszSF/JctkHc0Z4x74zVmSOViCEkwvH3Tgj05HemB494g8GwaT8RvAereFvBksNjYtdm/l06yjh2JLEI0DAEZIYAkc8ZOeK9kj2M2R909D/T61VEco5EUhIxyA3apdsv3ij57/If8KALDSDPt9aI5Bmo445HH+rc/wDAT/hUkcEi8mFvyP8AhQMczAc/1pVfilaGQqf3TflULRyDorH2xVATFvQ03zMSHPSkWGTgiNz+FNkil2sTFIP+AmgB7OhFMdvTpUKxuT9xvxp3lyAHKsPyx/OgAEg555phk29TSGN9rHyyTULRyMmSDQUSNJuziqF1cOjdcVYXd0AJ/Kq80ZdsFWLduKWoEKyNJJg5wKhmvNrFM8U64hkXBG5QPY1VEO5izAk/SrESSSDy9+78KrOz+XuDc0SKWXHQD8aYxO0nHyn2P+FSMkiuBIuWPNI+xlyxzUTbVTgEe9QtINoHemA6Ux/hVc7eTjNMkyd2Riq6zgNgEn2pgSytntiqszjPNTTSCMZPT61Qblic/hmgYjbSxPeq08m1htGKsMBuGOtVLrKuB0NACPIG6nmq8pA701m3MOxqCdj9PrmlZlEVxKcY61B5gLc8UO27OG5+hqFXBbnr9RTAWRxkr1qpLwpx3qabCtkc59Of5VTmk2qfY454oAY0ntUEzcjmh5cjp+oqvIflyT+tMBzHPamlcimq46dfpTt23rx+BoAZ92jdR1ptWB9Q53dRVTUbtLKxubl0lkSCNpDHbxGSRsAnCqOSeKtSA9qibqPY9DWJB5e3xo0mWPevh3xkQ2MY8PTen161B/wuTTgc/wDCM+Mj/wBy/NXqUzNI2WdiW468Z7VTeORST82PqMH8R+FAHnB+Mlm33fCvjM/9wCX/ABpjfGO06Dwn41J9tBf/AOKr0hpJV/56dcYzn29eOfXrTP3m3fl9meC3H86RJ52vxghdPl8G+NuP+oG3/wAXT1+K4bn/AIQrxoR76Pj+b16FuLcBj+lEYeTGxdxwDxjj1J49x+Z9KQHn/wDwtsMcf8IL40/8FS//AByj/hacuC3/AAgXjP2zpqf1kr0JoZUXcyPsz1I4Pp/Xrjp70gO7GCQfrU8wjz8fFK7Xp8PfGT+wsIh/7VqRfidqEgyvw38Y/wDAraAfzlr0BUZiMuT+NPXKf41Qzz3/AIWZrByq/DXxcfcpbD/2tQvxI17AP/CsfFZPbLWi/wA5q9F5kzknB96eqgqBgDHfHNIDz0fETxFJjb8LPE+P+vqyH/takb4ieJVY4+FviIH0a+sx/wC1a9EZeOtMb5eMmkB58vxI8UscD4V64T/tanZj/wBnpP8AhPfGXOz4Vatj1fVrMf8As5rvI1G4g8n1o85PmA7d6QHAt448atwPhfe/8C1q1H9aF8aeOF+X/hWMyj+82vWwFd0JRkOEH55qbzEeXCjL4yR6VQjg18YePCpYfDRT7HxBb/8AxNC+K/iGyfL8OLQf9dPEcI/lGa9DLdABz6UMDnHP0zxUjPPP+Em+IsjAJ8PNOGepPiNMfpFS/wBr/EtsqvgTRh7N4lz+ggr0SJQvG0ZqyqnPUgGgDzBb74o7fl8GaBF7t4hc/wAoKn/tX4pNgf8ACJ+Gf+Ba9N/SDNejqvv+lP8AJHeqEebS6h8VGjUf8I34UjA9dYuW/wDaNRpcfFX+DRfCEfs+o3R/lHXpbRjqD+gqMx7v/wBQpDPPWk+KzKD/AGd4MQ/9ft43/slII/iwxP7nwQg95bw/0r0lF+UD+lOYBc5FAjy6S6+LELEM3ggA9tl4R/Oljm+KlwuEvPBMPubS8P5fPXoVyodHPUgHAqvbwN9lBb72Nw56e1UBxX2T4reZ82r+CuP+ofeHP/kQUv8AZvxYkbcfEHg+Nf7q6VdH/wBrV6HbRlo1LHkjPNTtGCBj+QoGecvo3xU2gnxT4T29x/Ydwf5z09dE+KDLk+L/AA0g/wCmegSf1nr0LaG4YDP0FPUDpgfkBQI83Xw/8S9xz470FP8Ad8Olj+s9L/wjvxJPL/ELSl9PL8NLn9ZsV3dyrKzYHBHvUkcedjNyoX3/AMaAODbwv8Q33FviRYoP9nwxCT+stC+F/iAFB/4WbEPp4Yt8f+h128nLkqMVLJgwheppAcL/AMIb48m5k+KUg/65+HLUfoSajk8AeNW5PxTuiD/d8O2Q/pXf7Vjj6c1PDCPJVeuO9SB52vgHxn/0VHUAvfboVkP/AGQ07/hXvi9sA/FLV4x6x6RYqf8A0VXofl4yMZFL5ZXk9KYHn6/DrxWevxV8QMfaxsh/7RpZPhn4jlxv+KPiXP8As29mP/aNegoxyPSl5Y8GruB50vwv8QBiW+Kfiw/RLNf5QVJF8L9ZyS3xQ8Yk/wCzNbL/ACgr0HBHGKRcjtSA4T/hVup5H/FzfGjH/r8gH/tGmf8ACp7853/Enxs2fS/hH8oa9CVsLyM1J5PGelAHnP8Awqa5Yf8AJQvHDOOmdUQf+0qd/wAKhm8s5+IPjjd/2F1H8o69DVdjdc0MAaB3POF+Drlst4/8dfhreP8A2nRH8H28xs+O/HBH+1rZz+iV6XJH93PSomXJOOKBHnn/AApuDdlvGfjVm9Trr/8AxNL/AMKdsmK58WeMyw7jXpAf5V6Hs+UZ71H5e1jSsBwDfBbT5CWk8UeM39P+KgnGKRfgxpkfA8Q+L/r/AMJDcZ/nXoY9OaYRu7YosBwUfwZ0pD82u+LH/wBptfuf/iqe3wX0WQYbWfFJ9/8AhILrP/odd4DkdD+dKig0Aeef8KN0Nsh9Y8USL6N4gusf+h0L8EdAiXA1HxNj1Gv3X/xVehtwfak/h9KLsDztfgf4f3bm1PxQ3sfEF2B/6HTpPgb4amXm+8Sfj4hvD/7Ur0HdtXnmkXGelAHnX/CiPDZXZ9s8Rbf+w9d//HKF+AnhheftniLP/Yeu/wD45Xo5HNNb0qQPN2+BPhl8brvxEcd/7eu//i6mb4D+GZFG688RD0A166H/ALPXoEa7mwTxUjp05qwPN1+AnhjPF54jA7j/AISC7P8A7PS/8KJ8LhflvPEiEdx4gu//AIuvR8DIpNqjNAzzgfAfwt0+1+I2P/Yfu8/+jKVfgH4X/wCfvxJ+Ov3f/wAXXou0t0pwQrQB57H8B/DCcC78Rf8Ag/u//i6evwD8MDlL3xKv08Q3ef8A0OvQR1qaP0oA87X4E+G1b/kIeKP/AAo7z/45R/wobw4xyup+KV+niO7/APi69EakXI96oDz8fAfw8BhtX8VkH/qYrr/4qmt8BdA6rrHiwD28Q3Of/Qq9H5bGRRQB5ovwH0NXz/bvi5T/ANjFdf8AxVNk+Bej9vEHi/H/AGMVz/jXpT4Oajb0oKPM3+BOkt08SeMVHt4iuP8AGk/4UTpKrz4n8ZDHp4huP8a9Lbp0qI/e9qAPM2+BmnchfFvjQf8AcwT1H/wpGzXhfGPjhfp4hl/kQa9OaoWXnimB5k/wPti2f+E28cj/ALjz/wDxNRN8FY4/u+O/HP8A4PD/APEV6a3XFQyEdcUAeZSfBNWOR4+8cqffWs/+yVXPwZkUcfEDxwNv/UWU/wDtOvT5FP0qJuAaQHmLfB+4yNvxF8cKffU0P/tOopvhDeZJ/wCFj+NiPT+0Iz/OKvTWx6ZqGRQfagDy6T4S6mu4x/Evxmp7ZuoT/wC0qh/4VXrfJb4oeLiB2Mluf08qvTpPl96rNgHqF9yQAPzpgeaSfDDXuCPih4o2+jJan/2lVdvhv4l6f8LN8Qlf9q3tW/8AaVS6t8arXTfHd14QPhnXLvWbe2F4Ut1gIkhOMOmZRuzkccH2rb8D+PtF+JWhDVtCunntd5ikSVDHLDIDyjoeQw49sEc0DOcf4e+Kkxt+J+tAe+n2bf8AtOoLjwD4wC/8lR1Jl/29KtD/AOyV6LIT6n86rum7r19aYzzifwD4xlUA/E66fHQNolrVSTwV41Viy/El2I4AbQrf/GvTJvlHB5qswG08UXYzzZvCfjyH5l+INux9X0CH+j1B/wAI58QUyyeNtNkfsX0FB/KSvR2QLk1VcbSTmkB57JonxFfr4s8PyH0k0eTJ/BZaqtpnxHjJA1vwq4znLaTcD/2rXokmSp5qqwCnoM+uKYHAGz+IyHd/aPhRyP8ApyuVH/oZqPZ8RRhmTwpL6hHuoyP0Nd1Jjmq7r370wOIkvPiBDj/iT+HZ/pqM6/ziIp66x44WNjJ4R0ucqM/uNa2/o0VddIoDbv0qPaPRc/7oP8xVaAQ2s0s1rDJNB9mmZNzxbw4Rv7u4dfrUlAAXgClz7UwPqBqikxtJ71JIe1Rt061iQVpJD247ZziviTxZ4mg0v4nfGoXl34instIs0TS4dLmumFrcGNf3mUO2NdwyS5Axn6V9uzI21tqh2xkKehPbNfPVp8DfG2l658SNTg1Tw8s3jPdG8kxnkeyiO4ED5BvIVuOQAQDQBybeL9RX4W/B608Vape67fatrcCi/wBF1ZMlwx8qORwreaArENg8EYPrV7wz8S7TwH8Q/jtrus3N3Lo+j3FpDBaLIZCZHBASNWOAzNgdQOcnitaP9ma70PSPh1pWk6xay2fhbUm1Sea/WRHvZHZSyIFVtijaMZz0B7c1tU/Zq1XxBpvxKg1DV7KF/FWpRajbSWqO/wBmeJmKLICo3Lg7SePXFBJrXn7UGlaPoPia41DSV/tDR/smba1vFuIX+0YCEyhRtCsSG+U4245JFZnxe+JEWtfD3w/danpd0LDUPENtawtomr7BcfLuimSTystE3zjaQpyuOxxseIvDPibR/hVfTeIp/Dl+bOBDeWFvZMtpewoDvRiw3NLIdmD8oDAYBJrldA/Zx1LUPhf4L0+z1O3sY4NXHiaSG9WRim/DJbJ1OAAuWbqwzjJNICW38af8Il+0n8TX3/a3jsLC1sNLmn2C6u5fKCxp1AZiDzjAzzxX0VprXUllbvfW8VneNGHmt4JTIiMf4QxUbseuB2r5+8cfst3fjPxR401+51TTrW91p7eXTmVJg+nvEFXJIA3ZRSvbrXvPhm31W30Szh1u7h1DVY4wLi7t1KrM+ADIQTwTjkdM84FIDXjUAg09uopq/Lx3pW5xQA/cOlSKPlqJlAxjmnqxXtSAf07VWuG2tntVktuX0qKTkdKkCs0gZgF4pnkj94B19atRD2p23apzzQBSGWh2gGp4VWF9+MsRgmpN28AYxipERehGasBqqSd3Q9qkTLSZp4xjFIuFalYCRQB25qbI4qJW+YcU/jdnFAB0NLv4x3pjNimrlmz0oAk7daFXaeaVRu4prEhsHmpAmXGc9qR3VuKavvTX+Vs9aoBvlgtjFOjsxGpAPBpFbnOMVL5uW20wHbRxjsMUtHv2pSRzyKAE29+9GM8U7+HjpSdOaAGtGG60u0benygYApevfFA9KBEaxjdT/JHXqacq+4o3Y7ZoAbtC845qXdx0pm7cp4xSowYHJxSsArUnLcZpx56UKDngH8jQMNu0UkfU0/5u4P5VEG+YnBH4UxElIy4oz6/zp5x17UANXtmpPMPTPHpVZn68/rT1+76/lQBIzc9AKMnsaRWHTr+VJuDcdKAuSK+EIzTd+Mj9ab260zn1oBE+4lQOuKP4s4xUSt7H8qduGO4oAM7XB7VLxt6VBuDe9O8wgcggUAPQDNGOeKaPbJ/CnZPTac0AJjINGzaOTihlYKflNIp8xiC2celIBrqcHHNJytSE7cioGkJOeopgP8wN9ab3pMqvbLe1KPcYpAC4555qTd61GxHmAgH8KXeO4IFMZJ17cUbc9qbuIHHIo39MdaBCqD9KU5PekjO4Hr+VPIGM5z+FAxoXmnr9aZuGacrArnpVASU7bjnNR53Keeaf+tADg3vShsio93YCkVgM8n8qAJGFRsvNOaQcf400tyfb3pgNpjU7P+cimbgTg8UxjGqJ1qVmAPWmSMGH/wBepGV5F75qFlqxJzUDsF4zk0ARSdKgYcGp2b2/UVDI3y4x1oAgkNQNzU0ilge34VAW2gg9foaAK83Jqu+eQDg4NWZO56+3NV5GKsCBg9QfT3pgfK/xYt/EKftQu/hWe1h19vDW6BLiMSo7L0Q8jaSF4b1xkYro/wBky70ab4czwWInh1qG8kOsWt0QZIrnOGwMYC8DGAD2PKtXsd14H8PXWsJq8+g6fNq0Z3pfSW6mcMDkNv69abD4a0jT9YutUttMtbXUrobZ7qGJUkm6ffKgbug6+lPQC4Rx0qGQdqsZ9eKgmYUhlOVfm9arSdatyOvc8VWmI7cmgorSVVm71YkB+lV3YbSD0pgVmIOaqycGrcjL7ZqrJhuhpgVW+aoZBipm+XvUMjD8KAIZPmqM8U9j9ajY0AMbvSY96WjirA+oexrC8U+LtG8G2CX2uanb6VaPJ5SzTkhS/XAIHpW3t+Ug8jFV5I45v9Yiyc7sOoIzjGeenHpWJmcBJ8e/h0o+bxto5z6S7v5rVaT49fDluB400kD/AK6n/Cu+eygY8W0A9vLHNQNawrnEEIAx83ljHOcfjxn6UXQzg/8Ahenw4XOPGWkgZzxIf6Cmf8Lz+HL9PGOmSei7i35fLmu6aOPB/cx8Hsgx/KhVjH8EY/4AP8KRJwjfHT4eNgt4rsGP+7Ify+X/ABpy/Hn4eNIW/wCErsjnk/u5Dz9Smf1ruSFQ52Jkdgg/wqRY+DiNRzg/LTA4MfHf4e9V8U2n/fuX+i5pV+PXw9HP/CVW+R6QTn/2TNdzu2rkc5BICjBP0qwEmXzFwxKgkrtbgDqenrj86kDz7/hoL4eA/wDIzRk+1pcf/G6cP2gfh+SNviDeP9mxuT/KOvQTvjU5U7ckE46H3zTBM4BCyMPagDgz+0B4B6DX5Cf+wbdf/Gqcvx98CNx/bVw3+7pd2f8A2lXoKyPtHztn604TSMv+tcj03GkB55H+0F4GOR/aOoH/AHdGvD/7Spx+P3gZsYv9SJ9P7FvP/jdehLNKvAlcf8CqRZ5uP3r/AJmpA85Hx88Fj7tzqzn0XQ7w/wDtOnr8dvCLZwdcI9f7BvP/AI1XovnytwZpcf75o86Td/rGx67jn+dAHm5+OnhYcJB4hl/3PD92f/adPX45+HOMWHiYn28O3n/xFeiNvP8Ay0Yj3Y05S3B3GrA84b46eHz8q6X4pY/9i7df/E1Ivxs0XjGh+Lj7jw7cY/lXoe0s332H5UrKRj5jQB59/wALs0tGwPDPjJ/ceHbjH8qkHxosWXK+EvGz/Tw9Lj8ya77czNyzZ+tKWZVzuNGgHn3/AAua1k+74N8cMfQaA/8AV6d/wuKM42+BfHJ+uiY/nJXd+YcHByO/NMVjuzQI4j/hcEw6fD/xww9tJTP/AKNprfF64JJ/4Vx45Pv/AGZGP5zV3El0VUZYn2pn2jbMqnPNQBxn/C3Lvy/l+G/jg59bGAfznprfFbUzGuPhn4y+rW9sP/a9d3u3bSGbA681IZtrY67ugyasDz0fFXVtrEfDLxfgd2S1H/teooviprrTMF+GXiZuMkGW0U/+jq9KVdqdT+HFQxx7pmcDnGCcnNAziv8AhZ3iEDCfC3xG/wBbqzH/ALWp3/Cy/FByw+FPiDH+1qFkP5y13kac5zT87emM+tAHn8fxH8VNnb8K9bP+9q9iP/atOHxE8XFv+SV6rj/a1uxH/s9d8rEHg496d9TuoEcBN8QPGTMoT4WXo/3tfsgf509PHHjjgH4W3Cj1bxFZ/wAhXec/3jj60pXeMnqKBnn3/CeeOwxC/C1z/veJLUf+y05fG3j9mGPhdGvu3ia2/old3sG7IAB9cDNPCjPvQI4L/hMPiGWwvwztue7eJocfpEaRvFHxG3ZHw3sV/wB7xLGR/wCia9B9jyPx/wAaNobtQM89Hij4kngfDrTCP+xjX/4zTv8AhKPiV0TwBoqn/b8R5/QQ13zccD+Zpyr8uO3pQI4L/hIvicy/8iHoP/g/b/4xUa698Udvy+B/Do9j4gfP6QV6FgKwIFHDMchSD7UAcB/b3xSZh/xR3hdPZ/EE3/xml/tz4qt08I+E/p/b85/9o16AemBxSDK96APO21T4rZz/AMIr4SHt/blwf/aNPXU/iqBk+GvCKD/sL3J/9o137N3/AMaVcHsB+ApAcG2o/FNcbfD/AIPGe51a6/8AjNBvPipg40TwZn/sJ3f/AMarvmUN1PP0FRt1PFIDg/tnxV7aL4LB99SvP/jdL9s+KwxnR/BJH/YRvP8A43Xdrt7r+tP47DmqA4IXnxVXppfgcexv7w/+06Gn+Krf8w3wP/4G3n/xFd4y7unWhVZfegDgPtHxV3YGneBz7fbbz/4imyXPxUbGNO8DqfT7VeH/ANlr0P1J/KoyucDAoA4GO6+LDEAaf4Hx/wBfV5/8TVv7R8Uoo1P2LwSz9yJ7z/4mu0VVj6VIGJGAdtAHCtdfFQ9bPwUf9lZ7wfrtpiyfFgYzbeCB6fvbz9eK79VA6GhmHYk0gPPpJfiuzMPsvgf6+beD+lQ+f8VYxt+x+Cc+omvP/ia9E25UY6+9Az1z+lIDzyOX4rknNn4KOP8Apvef/E1I0nxVUBhZeCX46Ce8B/PbXfSN82cYzQvy4Hb61QHAyH4qKimG38FgkZZWmvOP0qAXHxY5JsvBBI9J7z/4mvRZFBB6ZphAXpSA4EXnxVGM2Hgkt/183n/xNI03xW5/0HwV/wCBN5/8TXoKYbnvSsDxSGef/bPivxnTvBZ/3bq8/wDiKkW7+LHVdM8FD63d5/8AEV3dKMegqhHn8l38WOp0jwWw9ry8H/slPjvvivkk6L4Mwf8Ap/ux/wCyV3304pVUHqB+VMZwa6h8WGJJ0HwYoBx/yE7r/wCN0f2h8WFU40Lwa3/cTu//AI3XfeWM59sdBTlx0/oP8KYHn39pfFrGB4e8HZ/7Cl1/8bpran8WQw/4prwgP+4rdD+cdeiMi7f/AKwpFwvYD8KAPPf7W+LHU+G/B/8A4OLj/wCNVG2sfFlV48MeEG/3dZnz/wCiq9HP0yPqf8aQfe9B+NAHmw1z4tbufCfhM+39szf/ABumvrnxY6f8If4U/DW5v/jVelOPemY96YHmh174sN/zJ3hYY/6js3/xqo/+Eg+LIbnwZ4XI/wBnX5gf/RVemyY9/wA6rt37/XmmM80k8SfFfkDwR4dP08QS/wDxqqx8VfFRvl/4Qbw+WHX/AIn8n/xqvTyobrx9AKp3VuZOUOJPp1oGebP4o+Km4hvAegle+Nfb+sWKhuPFnxPOCPAGh/QeIB/8ar0WG6jkZl+7IvUHim3NwkMYLkj8aAPM28VfE0HnwBo4+mvj/wCNVC3i74lNJz8P9K4/6mFR/OKvQvOkvW2pwhIHOR3qo1yLSb942IRkyliRtQfePXoBnmgDhG8YfEjcQfh5pxxwQPESf/G8VFN4w+IwUbvhxZH2XxFEf/adcbD8XPHHiKzfXdLm8FaR4buJ5ItPk8RTyxzSxqSFbIbByBn2qo3xO8fSN/yMfwsJHQC+lx/6FQB2cnjL4hgc/De2z2/4qCL/AON1DJ4y+ILyYPw2tuOuPEUPp7pXJ2/j34naszx6ZefDjWLtYmlWysb2VppQByqjd1OMA+pr0vwH4xs/HvhOw1u1VomuFxPbOx3W8y5WSJgeQysMEe49aWgHNv408fr974aKf93xBB/8RUT+NfHhU/8AFtB+PiG3/wDia9GkYt0yB6ZNV5V3Ag8inoB5u3jLx18ob4aZweduv25/9lqNvGvjdmJ/4Vm4HouvW2f5V6HIm0daqyDb+NAzzyTxx4z37T8OJl/7jVsf61AfG3jDfhvhzcY9tZthXoToOT3qBh83XFMo89/4TbxWdwb4c3/1XVrU/wDs1QSeNfFMnA+G+pj/ALilqR/6FXoUqjt196qSL19PSnoB57J448SBsH4dat74v7X/AOOUxvHPiArhvh5rX4Xlq38pK7yTPY4qrIDnkmkBxknjbV0X5vAuur7LJbn/ANqVC3jvUo2G/wAD+Ixn+6tu34/62u0Zeex/Co2UUAZmg6zLrVo002lX+kOG2iHUY1R2H94BWbIrSpCefwx/9b6UbqsD6hb7pxxVfb155qZnx2zVduW64rEgikYgNtGWwSPY+tfP3iz4zajof7RHhfT5VeDwVc/aNFWduYp7slNz5HHySeWg54CyV7d4mfVRol2NDitZdWdGW2N5IY4kc9HYgH7v3sdyAOM5rwj4ufszyeK/AWkWWgQQWvim2lSZtRv9WuJI0fkyEbgQS7sWyqpg561AHefED4vWnw91/wAN6PLouoaxd6+7wWn2Bk5mUgbCGIx1HPvXEL+1hpS6IuqzeFNYhtYNYGi6hIZoSlpOTgDIOX454AHvWp4s+HXi/wAWeP8A4Z+JLqHSAfDokk1CL7Wf30z4UmPEfQhQ3Prj6+Zx/s1+MpvAE3hx30XzJvEv9vST/bpGBReBCAseS2dw9Mc0yT1nxR8ehoPjfWfCln4U1LWtT0rT/wC1JZLa7hWM2+wOWJJypwQMYOTXMeLPi1ovjVfhFqNnc65b6frmsKbddNuUjHnK4Vo7hTklQSemenSuY1Kz8Qa5+078TodDg0+4v38OxWDnUbgxpCJEiDMpCsTtJHBAz7Vv2n7O+raNb/Cew0y6sbyz8Gzm+vHmuHiku5ncM4jXYcD72DnkkcCquhHb+E/jpaeNPFeo6Vo2kTXUdleXFpPeC5USI0SsQzw7SUR2VlRskcAnBOK8F8R+MPt3wF0XUdG1PxBDLeeNRbvNqV+ZJ13D94gKEfu/ugfT349R8P8AwN1ux+Kkfjjy9L028jt7uO5Gm3LBNVkcMIi0YQCMKD87DOWA4rlLX9mnxba/DPwx4S+1aGz6T4gbW5bpZ5dsoyuIwPKByct1/u+9SM7JfiJbaH8WPizqDR6zc3Ph/SYp7ixnvF+x+UmGzCCMq5BySfTHetPwH+0Zb+MfFHhnSJvC99pEfiOylvdPvJ7mOQOI9+QVXoD5b4Oew45rEvPgn4pv/EHxZ1TzdHjfxpZpZ28bzy5t8LsJkIi6bRkYxzgUeCfgR4j8N+Nfh3q11daTJZ+FNGk0mSOGeUPMzLJ+8UGMDGX6Enp15pgfQHO4Y6+lPXjiq0cxy3II7H1FTRyBu1SBPt289aetNVg2KGOG4P6VIDsjpnFPwCuM1X5wSeKemT70AWVGcDOBSnGMVBu4x3pyMT1FMCRMbqV6h53VKPQ8UAJnHNN3GQEUrcCmr8vOaQCAbEbPJ7UeYFQhuGqZtuAepqNvVuTQBVRRIp3A9eKZcKRMrDJq1nC47UqlcjPWgCG3baMEdalHYsOe1ScUbRxnmmBOPujuKjjba7DHFN3lenNRrIN7ZagC4rD6UDO7Paq6ShvpUhuAqnHNUBKrDdTwwzVaOQNJ7AZNSq4JwBz1/D1pCJwO+aVmCjHrURk2ik8wNzSGO980qsG6Gmbg3B496Fxt4GOcHdTEP37uKkUjFV1B3c8c96eGxxzSAkYe9KDtWmde9KW4+pAoGO60h470KSQc8DA7Hr6cjrTTQAu+l3BuBSbeM0be461Qh200oIXrUe5uuePak+8emfSkBKzdsYpNhI9KRW3Dgg/7WeKXew4IIPofT1qQGAUoY9etItKvy8np3qwHbj9KGcrjvS7T1Az9KZnb1oAmUhlyRzTT1pu7ApM/MKQDWVwwJGFPQ077tDSErg9F5FNZjt5G1v7uCT7UgJFyae2NqgDGOp9ai3HAIHBGQTxmjefc+w60AS5C9OahWYNnPHtQMrnufao49s0gAHJ/SkBMzdDTt2e1RshXocj9R9RTlNUA/G5aiJDNjoal/h64qtw0hUnmkApyvQ0/zhxk81VlO1uDUBkJYUhmgxyaVWxzUEbgsBmpu1WIVpdrAYqRGzVS4kCtjPNEUhYccGgZcEnPNJu+cc1S809zUpbbxnmgC5v7U0yDcFPeqqtukC5oaQh8e+KYFvcB34ppmAqDdxQ20ocHJpgTeZuXd2pC4x71W8wqgAPFR+bjrQVYss1R5LZ4qFmbdgVH5rLxnmmBLuw1QS/Nx3ppds9aO2e9AGdqcJx5yYWVe/Y1nsnnKJXk3H+6OlauoAtbuM84rItof3ig8gL+dACt5ix9QM8Djp715X8cNWuLzS9N8IaVKyav4mlNuzofmhsxgyvntkce+a9glCJHI8kiRRqpZpJPuoAMkn2A5rxv4XsvjzxdrHj+6ASG6J07RIJMAiziJJYDPJZtzDHUfSmB0k/gLRLrQLDR73R7LUNNs1VbaG6gWRUAG3IBGOg9Kow/B/wIzYPg3Q8j/pxjx/Ku/wBoZQAAcBRx0IwazwfLmYdTQBgaX8N/Cvhu+S+0fw5pml3saFVuLS2SOQAg5AYDvzx71w8it8L/AIpq6qqeF/GUwHJwtrqYU9B2WYD/AL6XvivW5MjaQOcgj865Xx94WsfGnhO90S9mS1F4ipbXDNteOf70TJ/tqwBA/wB71oA1zcKW298ZPt7fh3odunevI/BPxi0ptNFn4s1qw0TxLp7tZ6ha3twsTGZPl8xQ2Mq4+b/9VdU3xa8ElOPGGhg/9f8AH/jSsiTqLjPXtVaT5qwrP4meEtYuorOw8UaRe3cx2xwQ3sbO59AASTW4zDn8f0o1LRWd+oxVZ2+anySc9KrtKrE7aooa7c1XY8mp2aq0x2jNICtM3zVXk71NK6jvVWTrntTASonqWon/ADoAbxjFGPelXBoqwPp6XHOKrkFjgdTwKnZSagb+IZxxjPp71iQRuAO4wOvtjufQVz2i+K7PxQr3Gmxz3VguQNTCEWs5BAKxsTlxnPKjHGM1yP7Rt3fD4b/2daXLWP8AbGpWmmXN0in91ayyqshOPUcY6Hdg8VmaZ4m1zwP4y13wxPFdeLtO0zSbW+sY7O2giuot0jReSNpVCoClhnBAB65qQPSdc1C20XS5729ufs9rEvzuy9zhQqqOSSeAvJNcX4u+LHh/wdtOqx6pEFjSW8FtYPOtgj8qLlkysZ68E54PqM89r3ii98UfEP4Yafe6NfaFZy317fSWWpFPOlktof3RwjNnBcsPdQa67x7bDVtLvfDFgkY1PWoGE8gT5be2cbJLiVjj+EFVyclgBnAOAk19M8P6At9/benadp4vbxBJ/aVrbqj3CPght+0Eg8cfSn+JfFGl+D9JXUNWu/slq9zDbK7E8yysEQdeuST7BWPasFvEh8O3Gl6JpnhrWNV0qGCG3TVbVomto48BdzOzg/KqqxOOnQc1xnxc0e9+KV9rOhWWi3urafpVm1rDLBNDEqalIgYu/mOufLjKL8uceY9IGeysnlyMrDL9CvXPTBPbH5dqRlG4qy5JPA24GOemRk4JPrXhmtfEXVdc/Zrt/EFlqdxo+tqlvaXktswV47hZ44Jg2Qcdc7TzzyOan1Kx1yHx3420A+MtfXTrTw/Fq4b7QiyfaSZgAhCfu0+TOxQMngtjOWI9hvtSFjcadaixuro3chiLwRDZb4TdvmJIIU4xwCcnpV7aSA7D5cYZ8ZAHHccAemTz+ePFtB8Va5qt98EJJdYvI21rT5p9RijKqk7LZhwzgDLMGcnr2FczpeteJbfw/pPiSTxVrV1dN45/shYJJkEDWpuWhKyKFAclFAHp6cmgZ9I4ZV+YkHaOGz064AxnPHAOM0+GNpDhep6fj0/z2rwPWfFWqa18P/iL4tt9a1DTNU8O6rcWun2drO6QRxwMgVJYsASNLyWLZ6rtxt59P07xVrl5rlpp03gvUI7a4EYk1PzoPsqFo1Zvl379m7cv3c96AKlj8aNCvPFFhoiwapb/ANpSNBp2p3NkY7K9lXGUikzyfcgA9icjPbi4aR1VTndwvIG48cc8d64TULe08ZeKdEnWaNNC8N3ZljuGKRx3F8AYoo4+ANkW9gdvBbaoB2Ei1ba5qniCbUNNv/CeraFZ+TMf7Re9jAfBAAj8p/MViAWBwMYpWEWdA+I1t4n1S3hsNK1GfSrrzlttbRFa1laIkN0O5VJDBWYDdjsDXYQszMAozxk7ecepOOw9a+X/AAbc3ehfDX4V6Za6jJBH4pklNzcX19OkbbEd1hR1OY1kdlyE2ltpHrW5fab4i0xvCOhXHje8u2m8Y/YmbSruTdb20kLS/Z3kky0hXau0sTgN0yDgsB75repzaRpN1eQ6bdarPBEZFsbTaJpSP4VDlRnrj1xWRcePI7fxv/wi6aVePenSX1VZy8fksFdUMYbd1DNgk4wQeteJ67qmraT8J/ixaW2vawv9i6+ltYXLXrvcxoxtw8bSk7mU+ax5PBzjAGK9Gmbz/wBo87hveHwiF3YDZL3vv2+Ufnz1oGd1oPiKz8SaVFqFkXMbs0bxyLteGRWKvG69nVlYEe3cc1oNM7NtCtuAzt2kkj2ABP6V86HXDH4g8faUt9exRXvja0tbO0sJRH9rla2V5YDIxHlq20F2BJGDgHODF4a1XxJrHw/1DTtLu4tTvrTxfcQx6NJqkgW8tYlJa2juMhsDDMC2AfLP0qRH0mpZnEeMsewOcZGRn8MfrjOKhmu4LNrWO4lWGW7mEECOCDJIQW2j3wCTnoATXzjZ+Mv7e/4QjQbW/n0PTNSk1QTW3iG5mVheQyqv2IyrIjHy9zkHeMkJmpp/C8LeJPhLp2t+IR4lWDU9UtzqHnTRL5UcDOsQbzCW2MQu/JJGRyCaoD6SGW5VWYZwG7HOOPrkincyLuVHZeuQpzj1xj/PTrXzRJ4qM3xE8Ia3Y6xNPYX3jCexn1G81B1e4hCOr24gB2i3QqFDfeJAOORWb4ksbhfAnj3W49b1n+1NK8YC10+dtUmItwZrdDjBw2Q5zuz2wOCKkZ9SSBkRwYmeQA4iXG5mHRRkjqeAelUNFub7UtFtbq702TTruSIST2W7zTbsf4GZRjoQc9OvPFeRR6aPDvj74naDYX2pLp3/AAjMOomOW/maRbgmdTMHDb1YqozjC+3Nc3oGlN4km+A1he3moS219oFzJdRR3cyfaQlsjKXAIJz5jZYYYg4J60AfR8YZpCgHzA/dyM/l/h9Kd8ykhhsfH3WBBHJHPHt9favmfwb4gvZND+H/AIbv7y4fw5feI9U06d5rqQNLHC8xtbR5S27YXHIJGdoBJHXsvCd94j0HVvH2l+GNNh1vSNP1a3GnWt1ftDFbCS3ElwkblXIVXKEL0G4HtiqsB3vjbxbf+GbUtpnh288RzLE9zLHBKkCRQr3Lt1Y9kUE4qXwl4os/F/h/TNasRIlpqVvHcxxzALIFcAgdceoznGfY5rO121vvGPgmfStS1RPB+sXNs7zmxuo52t4wWUspZeVONxwFY+tZHwh1aX/hXvhAa9PZ2GsXVsLa2tztgWfyywTZE2D80YRyoGOew4oEXNS+JNzpPizSNOu/DN9BomqX40u21ppk+a4Kkr+5+95bbWwxIyFJxiu+hU8Z/L/6/T9a8r+Ji3cmveCtf8Pa8t5NbazDZpoiPFPBMkhMc7LgFhKiF2LZO0ZxgcHodb1zxzp+o6u9j4c0mbSreGd7W7TUJGuZWETmIiERgfM6gEbuBnmmBc8XeLrrwnrnhGyGm/arbXtRXT3uvO2mDdG0gbZtO8FUbGCOldBp9xqEl5qEd1YQ29vFJttJIp/MaWLC/O42jyzuJG056Z7183abJ4Xuo/gXr6XllLr13qxbUr6a4UXMlwbZ/NExyMYl+UBsYwMVT8XWdn/wq/4pQtctGsXjeJIW+1OWTL2yNtJbkbS/HIGc8cUAfVMlyuMnCrnGXO3HoDnv9Mjrz0zMNiqWZ1jXON0hwBzjn9eOvHANfOGpfD3wrH8SPiRootIzpMHhqDUTY/aXNuLrdOrTsm8AybSp3EZyc9TWTY+ILfXbP4aab4s1+zsNGvvB0csF3rUEdzDPdEqJizOQnmrGoAJ55bC5INLlA+mL3XrDTNa07Srq4EOoah5pt7UkeZIsa7pDjqBjgHuSAOTXMfEDxtrngDwj4l1yXRbCcabcBbe3+1lRJblkAZz5Z2yZf7h9M57V5HpmieGdI+InwpS+v4tY01NG1GG21TXkUNcsk0Yt+ZOpUMDH/ssvrxBq/wBi034E/GS3gmWKGLxTcQohYEqontgFHc8DvxxnimB9NtnywT8mB8zYwB7+wryrxB8VvF2jyrcL8P4zpU1/HY2txc6ukVxN5swiicwiNim4kNgnoD6V2GpXHi1vFcYsrLQJPDLMpe4kvJvtjR/xNGETYTk8fMc5BxzisrWidc+JXh/TFbdBotvLrlzs4XzmDW9rx9DO+B/dz2pAdy0qo2NwIz1HOQOp4oWVXlmgV4zcRD97Csil48/3lzkfXHWuB1e7+INqfEBs7LQRZRWt21i9rNcPePIsTGHCMu3O7bwTXmXh1bO60f4Man4aNuniR72OHUWt2X7RND5LfbvtQBBZQ6jJfoxGOtSM9a8BePJvFul6td6lb2OlSafq13poENzujYQso3F2xnOc9AcdjXWyajbpdR2xmiFwwLCHzBvYZwCq/eOe2QOv418qeBfElja+NrhPE/2K88I3niXU49PkLAxxak0x2m5U9Q8fEbYxy3B4x11zcpofxXi1KJNM8TaTeeKYbZhlE1PSbwDywFIyZLbAyVwMAng45oR9Am+gF19kM0QvCpYWxkUSMBzkKTkjA/UdasIQ2CMEZ69vr9OlfLsUrap8H9bnyi/FK18QvsP3b9b37biIAYDBTE2Nq5XYCSK9r1C6+IkWqX5tYvC7aeRIbZ5pLkXW7a2zfxtyXxn2pjuhmrfE6G1+KuheDLazN098lxJd3rEbYHSLesKkdXIIYjjCsvckDrLzULfT7Wa7u7iK1soUZ5biWRVjjUDliSRwP/rV8+WOn+NtB+K3wxsL/TdELr/aLy3FrqM0jXO+NDdzSsYwfMw25QAcsSMgdPRPEEfjC40PxRa6zb+HZdCl028EYsRM11kI3lFw424AAbI53AY5xSYjpLHxc3ifS/D+q6DJZvp9/NG8pvWxJ9naIsFjAzmXOCUOD1+tby6lZ3AlaC7tZEjJJdJgwUZxyw6DPrivmbTJvDn/AAjnwHu7KTTop4dUs45pomRSshtHMu44wcvsJI/iOCQeK39c8KyeGfiDqvhOz0sf2J8QxDMWihUC1kiwt8pHUK0XzKB0ZvrgA93k1C1hlgie+tY5bj5oY5J0V5VzjKrnLdume/pVu3kYMN4KsDggnHI6r656dq+Vfj1qmiwN8RLKx+w6Tf6ba6aZPth33EuzaY1s0LARRpnLMAdxHQV7suo+LtQ1m1vNOPhu48KztG/nztP9qeM43su0bM9cE+opAWk8cXLfEt/CsmnJBbf2UdSj1AzBjP8AvVTGwD5SN3c9K6BpSzDB3HOMKC38q8zk1OJP2jrG286MSnww8fl+YA5JuUYKQvVtgJxXQ3U3jG11a8mvYNDk8NQpK7G2a4F+I1RiAucJvyB1P05xVAdhZ3trfM8cFzFcSRDMscEiyOnrlQcg545A571GuqWM0gjS/tHlyqiNLmNmLEZAA3dT2r5e+HPinQo/HXw7lsr7TdO06+0bULX7JHKTLEPkKLdTdXm5bkjjk11HgtfCHiLxlb+KoV0yx8PaNIul+HrG2VFuLqQsEa5dR85O7AT0ALZHSgD3xbiG8uHt7W5t57qP70KyjKn0cDLAZwDx3rj/AIY+OpvFnh5LrUls7LUftl3bC0tpcA+TKULICcn7uc455rwrwT4t0SPxx8KtSstR0/TLOa51C2Nq84e8AdGIF2+QWZpNpCFeCQOetVG8M6PcfDPWL3Tlhi8e23ia4Wwkgf8A0xLj+0PlQAchfLdiRgcAnNID6khuNQXxHqFvMtkumrDC9sY2Iud2GEjSqeiZ53dOKbqGpNcaJqE2jXGn3V7HC7QNPMDb+YB8u9lPCkgnjJwM4rw/VItKX4mfF63uNQXSLe80Kzluri3K+ZDxKssu0HBYEgnuQaz7hBd+A/iboPiLT9L/ALSsdAS7/tPSfL+x3iBZPIkCL/q5QeCuecgfWQPYJvGF/Y+PtG8PXVjZ/ZtQ0ia/FxG7lxJEUyqggYT5uOpOc0njzxpd+FYNFudNisdSgvNXg0yeSSQyGMyNgFSmR0znJBBK9c14z8QtU1VtY+HEvhe6t7i7m8LXBeBJlD3EOLcyLGeQrtHu2sR/CcDIrp/FOr+EtQ+E3g+78LvZ2ejHXdMMcUISNoyJCCsi9Sy5Oc8470Ce57g95BFJCk88VtJKdsUdxIqMR/dAbBJz/I+lSrIW/h74rw68t9I1bXvi5p/ikW41C3Ams3uSFkhsxbnyWgYkYYPnoeW+uK7/AOHuqaneeAvC8+qhv7Vl02F7ouMPuKg8j3G3PuKoZ2MjY6c1FJGS28DFWLXZMvJ7c0xmVM+lSBTZGkHvSeQ3TvUzSKqgg4pTcIo9T9KBkUcbeYD0FW417k1FHMDnKkUvmdhViK99GGZuuMdqpmbyZo8OwXZyK1GXf9ajFqPM3MAfwoGQLMrxowqRsucip/JTsoH4UvkL+NAFRgWkZSSOOtKylcMGwQMYx1q2sPb3zS+WvcZNAEEbMRhhRN8vTp3qfy6Gj3KR1qiinbMO45ouAzkEcD0qx9l28jil2hevNMBiLgDuTTWjDduac3DcVG2TkZxTAhYpz8wyKTcFXI5FUZbdmlIXPPvTo4XTGWqQC+JaFsccGsq13bo8+nNa1wu6PaRmsmVZLZsD7tMC87KoycMMcqV3Aj0x3zXzD4u8J3nhfXbrwXpkzWs0cz+JPBFwzlhHKpzcWRPHyn5uD2bpX0rHOkq/e56Hsfwrg/i/4Nk8Z+GVTTCsPiTTbhdR0ifptuU6IT/dcZQj3HpTAu/D3x5a/ELwrp+uWyNC9whW4tpBh7eZTtkjI7FXDfUEGtSfi5YjmvAPh74wTSfFlrr9tbyxeH/GDFL+yCn/AIlWsxLtkVl/h8wA599p78e9biud33u4BHFAhs0zScLnPQdua8L+K/iqPUPGixTzM2h+D4P7WvQuR5l4ykQR8HqARxzya9k8WeIYfCvhnVNZniadbC3acRxrlnYD5VAGTycCvnnQ/DNz4h13R/Dl/tlvZpf+Ek8RSKpAMzHMMJ+hI49BQM6r4d/DWxuNBXU/EekWOqa9qkjX97Nd2yTMsr87AXBIVVKgD3NdfF8PPCzdPDOjqR3Gnw//ABNdnFZxx9F28YwKY1useStMLHN2/gfw5ZzRXMOg6bBPG25JIbSNGU+oIGa05iGBAOOuPxq2y8VXl54xTLKORtI71UXHzjoavyRjd0wfWq0kQGfWkBUZtuSar3DB0IFW5lzVZox2ODQBnydcVC+Vq28Y3EnrUUmD24oAg3celIx2+9K3eo2zQAm7mm7qXqaTbVgfUTNgGq7Zycde2aezetMZtpyBnHNYkGTr2j2Gv6Td6fqVvHfWF2hjkt5hw4wB68dODmqGi+HNP0H7T9hgkMlwU864nuHuJpdg2oHkkYlgoGAM8AkVl/E7xFquj2/huz0W6hs7zV9Zg003U0ImEcZRyzBcjJG3PXtWJ8TNY8aeGPDdxqmk3WlzppsMbv8AbbVpJtUkJAMa7cLGTwF6klgMVIG1408Mz65caNqli0Y1jRbr7TaNKxVZAylJoiw5AdScEdCBWPq/wX8GeKNQudT1LRJLjUbz55pGvJ16cAbVcAAdAOmBwBXcGSVbMSS27C48ne9qpwRJtBMa5xjJJWvMY/FXjXQPH3huy1yPSbvSfELzxpa6dG6zadJHEZMF2/1igDaWwvLDigD0mys0021trW1iWC3t0WOJI/l2ovRcjtjA57AVl+H/AAnpfhm0ubbTY3gjupnmkaS5klLSsMM+53OCTjOD1x9KpfEDxhJ4VsdKtrFI59a1vUI9M08TLuiR3yWlcZ5CKpbHfGMisbSPFGr6tqfjDwzLqUNtreiNBImqQ2SsJ7aWLfHmIsVBBV1bB/unigktf8KV8HrpN9py6VOmn3s4up7U3t0EklXpIQX5bPJbPzEAnoK05vhz4fub7Ur2W0uHu9Rg+y3c32+43Sw9NhPmdMY/NvWvN9F+L+rxx/DHUNd1LT9P0vXrO7udTeSER/NHESjBs8DJUYA5/HFerxeMNCn8Pwa9Dq1rNo052w3iyZSRt23auMktu4243cHigRlWvwt8M2j6RJFp8kcmkQtBYMt5cf6MjAghMyHAwSOc8Y9KiX4Q+EY7GCzTS5Ftbe7N/FCLyYBLknJmHz/f9/0q/J8SvCK6fZX7eJtKSzvSy28zXKgSFQSwx1+UA5yOOh54rJ1740eEdH8Gp4lt9Wt9W0+a4S0gNnID5kzEDbnoMck+gHSgZsN8PfDl1rc+ry6TG9/PIk0/7yQQzyJja8kQba7DC8sDyM10s0K3VpJBKCYZUKOqsVJBGDyCCD7jFc3c/Ebwxp9xbwza9ZwG5WOSESFhuSQ4jZuPkDHGN+0nsDRrXxP8I+G7q8stU8TabZXdm4juIJJcvGxzgEAHB4P04oAydF+CPgTwzqVrf6Z4Ztra+tWDwTh5GKOAQGAZiAeeMAYJP0rstQ0231ezntLhQ8M0e11VthZO+GGGzk+tWo/LkETpIrxPtZJEYYZTghlPToeK8x8deJ/HPg+6steQ6XLoMmqQ2A8P/Zy108UswjWQS5x5h3K20A8HGcikBv3Pwr8KTeGT4bl0G3bQw6yJZSbnELqPlKZJKgc96sQ/Dvwutno9qmiWsdto7ebp8UbsFtnySXXa2C5JJLHLfMeeuenmy/mRQSLHJh1jkxuwSfkO3IzjjgkA4xmvNPhf8ShrfgXwxeeJNWibWtWa78pBAQZRFO6llSNTgBduT0x3pAb03wu8ITWl/az6Dby299cLd3EUkkhE0w6SP83Ld/wHpU//AAjdhp+rSa1puj2suvpb/ZoZ5pJPmTAARjk/KMZxj/GlTx14evdf/siDVoJdQDzRbAG2GSLJkRZMbGZRyQGJGDkcVwfjr4zaJH4R8SP4T8Uafca9Y2NzdQpFGJyDCMscMNvbryB1GcUCOvtvhfoU+grpmtWVvr5mu5NTuZrmIFZ7p2LNKAfQsyr6KAOetaJ+F/g9bd0Xw3p0AecXbNbQeW3nBdqyAp8wZVJAOeATWZ4G+JOgeM5RY6drVrqWq2trFLdRQkKxyo3OAAAQGyCeg/WtnRfH3h7xBqS6dYatbz3ciM8aEMBMq/feJmAWRVzztJ9cYzSAfq/w78Ma74fh0a90DT7rSrdg0dnJESsbcnI565Y87u59atT+CfD19Z6bZXOh6fcWOnOJLK0e1Qx2zAYHlqFwvuQMnvmuM+HPxG83w0ZfFGq/aNRuPEGo6bZslplpVhlKhVSJT0C5ycfWuvbxxoX9uLpC36S3/ntbbPJlMRlVSzRGTZt3BQSVzkAH0pgQt8MfCEl5Ndv4X0druS4+2S3DWcZdp8kiU8feH9M4yTTX+GfhU2dxat4a0wWkswuJYTajY8g6OR/eHByfyziuD8cfEC9s/hfrGteHPF39pSprS20VzFZxgQq08SNaqdnIUOfm5OT2xXXax4gVvE3ia007xR5V/p+jSTPpEVujC2fcStyWK/ebGzBpAaMvw78MtcXFyfD+nyS3MQt55Gt8mWMYBjZsZK4VeDSWvw78M2s1jND4e0uKWyQx2zraIDChOSqHGVH+J7cVhfC/x9DrXhDwVDq15Lc+J9X0iG+fbau7SBjtaRjGm1BnAOSMcetddrnijTfC6W51O4aJriXyIYYYXnmlkAJZUjjVmZlAJIGcCqApR+AfDVvosukx6DpsGlyv5slpHaRrE8mc7yoABbgc9eB3rU03R7LRbOOzsLWGxs4yxjt4IwiZJJY7emeBzjuaxl+Inh+60PTtWtdQ+12mol0tfskMk0rsobePLVS427TnI4wc4qGTxxoWq614UFl4kltn1KKa9t9OihONSi8onL5UlQm3dzt+YAUx3Rsap4M0LxDfRXmqaLpuqXsSbY7i8tY5nRf7oLDgVX8QeC7LxPqeiXF+kbppF2L2BTCrSh1IZVSQ/wCrTcFLKo+YIo4Gc0fhv8SrL4lWF/dWlvc28dreTW6/aLaSHeiOUDZdQCxKnKDJXjPWuz46nqelIRi6T4R0TQdQlv8ATtFsLC+mJMtza2yRSOScsSygck85/CthV8tRgAe3Y/WnL64pW9aQznoPA/h2z1B7620HTIL1pDP9oS0jWTzCMb8gDnk9PX8aT/hA/DSxyoPDuleXI/mPGbGIh3wQHPy8tgnk+vGK3z81Gw0wMGbwd4fkllc6FpZkkQRs7WURZkHQE7cnovXI46VLN4Y0afT4dPl0bTZNPhfzIrR7OMwo3UkIV2g59AK0ZP8Aj4ZTxjp71OqjAqREP9n2dxPazz2sM0tscwySRqWiOAMpx8pwMcY47VAvhDQfs7QJoelpCzKzQx2MSoxGcErt5xk/mfWrntUiSmPkGrGPhgjt4Y4YY1giRQipCoQKo4wuOBx6DsPSo0tY/MllEEKzSqqyyKg3SBc7QSewycfU+tSmYuvB5pYW+U5oARY/lBBzg9D0+mKqW+g6fDc3NzHY2sdxdc3EyW6B5v8AfbGWz3yT0HStJAAvHSndFOBk0hGT/wAIvoyQmNdH04RnHymyhI4GB/D2BYA9cMakg0LT7e+F7FYWcd4BtFytsgkUYwAGA6YJ4rQzkcdaXaaAKn9j6e2ojUDZW51ALs+2GJTNt/u7yM4qdlLKQPl6YC8Af54/KpenWjhRg96QtCt9njeRHaNWaMsUZ1DMm484J5HQdPQU+ZemCU904I+h/wA81Mqihl3VQzKXQdO/dA2FqYoySq+QuEBbc2BjAyeTgDNY/hvwlqdrrlzq2u6zFq9wqyQWEdrarAltA77m3YJ3OQEXcey+5rqwNp6cUu76kdeaQFa4s4JpWlktoJJWj8ppGiVnZP7hJB+X2qSNVXAVVRAAoVQAAo/hA6Yz/IVLJg4FG3tQgKcmm2ElwJ2sLRrnOfPNum/6hsZHHvV1QyMrhm+XvkZ/l1o2j0pzNtXGKYGb/ZNiijGn2ajLHAtYwCzDDE8dSOD6iqi+HdIhlWWHSbCKdDuSaO1RXVh0YEDgj29vx2GUMAKaqgA4HNIRnx6TYW6l4rO3icyNKPKgRMMeCeAOSOKbHpNl/aH9omwtVvyuw3iwKJsdxv8AvY/GtFR5i4bj6UMm1QuePWkBnz6NYPJLJJp9o0sylZJPIXdIpGCGOMsDjofelsfDulW9hJaJpVjFZytvkto7ZBE7cfMVxgnirDMyn5ufSrG4bV29qQXKMXhvRrVo2h0fT43iwEdbOLKgdAPl4xk9KcfCPh+aHy20HS9jMWK/YosHOM8bcZ469ea0F6c8VMsgKVQzG1Dw7pt89q97p1nePaf8e7XFskhh6/cyPlHPQVZZUZsgAH+Z7n69OlW2YPnjJqpIyrIB0NMCVVKfMp2mombdITnmpmbco2ilWEbSSOaVhFaVvlC1EAe/FWpLdW6cU10yuD2oGMDHgMeKsLhV6VAI2bk9BUm1tvtTAlWQGnZ4qGNR06GpV496BgrYYcU7q2ab3zUoI4qrAHpSbe9Jux70rZ9KADPtRikp1BQUxhmn5puPegCBk+brUUi8VYdcN1qFqYEO0KPeo2QE+lStTSvftSAryLu4qheQ7lJHJHar8me1RMoZTnrQBi/ZtzBwdpFQXEckmVcgDoO1acluOxxVWSIt3wR04pgeQeIvh74p8P8AjDVda8DXeix2usFLjUNP1uORlF0oIM0ewcFgQD64zUKr8aFGd3glgowBsuuM9xXrklru4y2M5PzHrTWiVVxj8KAPIZofjS4wzeCSrDawKXBBHcHPY1qfDLwLqHhldX1DW5rW68QapdtPdTWuTGBgBETdztAAGPxr0VlC57fTioXUDncQfTtQBV+65DHBpj455qOeQ+Y2Tmk3HGD3pjI2X5s5qvIozmp2ODUUmDmgopyEMary/eqwwAzUEg+bNMCpJ9KqTZ5PSrsx7VUfg88igCtIQ31qs4561Zkx2FVpG5oAhZcZ70zhhjpUjNUT9aAI87Wx1p1Nb1o3VYH0597NQnJJBHGD3qU5bIXrUMpYAHArEg88+JbJL4u+GtuCxX/hIWmIAyQEtZm/P/CsP4uR6D480vVvCs2mahf+IYIv+Jfss5htuXQMksU4G0bTtLNkbdp4PSu38VeD7fxVc6TPLdX9hdaZO1xaXFjKqujuhRidysCNrMOnetUO6wLGHkdFULuY5B474wOcc8VIHOReIo/DqW2lamt9d3ttpIvJ763s5JYZPLxG/PJLl1LbR1BNcT4I8e2/jDxdFcz+H/EFvqkyPa2q3OmSxW+l2+dzbpZOPMfALMOuEVeM160GxGFX5VBDAADqOn5c0wnC7D8yf3W5H0/mPYE+tAHlXjKY+JH8EeKbO01BbDQPEBN7bzWrrKIdjwtJ5YBLKGw3GcqxPbl3hTS7hdW+InjK4guLW01WFIrGOeJkkNvbwMvmsp5Xe+4gHnAB716h8zc75DIQRu3MT+HPHtiqHiLQh4j0uayN/d6ak6skstiUEjxspUoxdT1z6ZoJPEfBq28Wt/BU3lnK9ppXhm4lnnWzllijklhi25YLgnhsD6ViaPb6lo/hfwbrOoaTr0mj2OtatJqMNjDLFd2rTs3kzhVAYgBjyDk7j9K+ktE02HQdEsNIstyWVjAltDGzfwIoVc4HJwBk49atBm3bs5JHJI+Yr3wD1/GgD551610HQ9a+GNyNCu9M0mfxBe6g0GoxSXE5/wBF/wBdNE251JYb9nJAGcZyBBr/AIZvLfR/Euv2mm3j6Xqvi/TNRis7e3fzmtoWQSXAiADDe6semSNpwK9l8QeCY9d8VeH9dm1C9gl0V5GtreFY/KkaQbZC+5SzblwOWAHUcmunGGZiDkk4bB9P4Tj0HTr260AfNPxdudT8QP41gTw7rlhcSXmnzrFZaWx+3Qq0RM9xJtOdq5UQggrtJIOeN3xHIup618ab8aTeNJf6Hb2dhu02VpJpBbyBlGEJ4eRenpntXu8EUijGSV/Afyx7/nUqs0P3XZTzjnIBzwcGkBxPhvw7r91pvhq5s/Fd1o+mRWFrG+kf2ZGd5RFDhndQ67jkccisG4+JCa/4uR5fC/iqe3sboJpFumkTJHNcN8n2mSRsKm3cQnZQXb5iQB63G2cleD0HoPw+tSojNIHydwGASST1OOc9gSOO1IDlG0XXNM1671i58V3c+jwrK/8AYMGmRMm3aw2BwDIeeeDzg9M8eJfs9x614ButIg1jS9VvbTXLDyop306XzNKljlbdbvlcJE5cNnj5jycdPpnydsYUYXChcAccDAx+v50SKcMS2c57e/H6UgPmnw62q3vi74f6rP4a16x/s/VtQe7s7fTSllYb0lVNpIBkLkq7ynhj09Dpab4bvdS/Z++Jdha6NeDVb671aeG1ks2imkSaYNG671BbMeDkEnjHNe/vcFV5JK5yQp2+3GOnGaasxfaSSWBzuyQc8c8ewoA8Q8YeD7z4nX8V94btJ9PXT/DN9pqXt1ayWokuJ41SOBA4ViUAdmYDALDnjNGg293rV18KSum6hpTeFX+0ak13aun2XZbbDBGxH7ws+DhC3yrk9K9wfltzEsefmPJ5PqeeeM/QVVuI5LkEbRsPBGBjH0x+pzQB89fB0a/4F16z1jUdF1i60zWpr+G5ik02Yy6SxumlWVU2AeVMrjdgZJAJrpfDtrq9t8ToL3RIdYg0u71K7uNX0bVrKV4LVlWQC+tpSuBvJU7E5zIwwM5HtFrCTCXZiznjcSSfrz71d5243Ern7pOc/wCJx1J60AfNlxperTfCHVrBfDesDUbzxl9ta0bTpvN+ym9ScSsNv3PLAOT7DtXZa/PeL8TPiDfjRtYktrjwvHYWlxHp05+0zK0pZIztzu/eR/5FewCMbdo4UA4GTjPrjOPyp4Zm4BI9gTjn0546n9KAPAf2dLHXvAP2XQtW0bU57LVrC0mTUZNOfdZXCxiI2k525Ea7CVA+6GP97jvfinJqv9seEEs9G1DUdLMtyb290m3WW8tSUwiI5x5KyZZWkG3Cg5I6jupLMCQqM7SMEZz/AD/z0qVYSzZf5j64BOPTJBpgfNfh7wrqp+GvhXTNT0fxV4b1rS7nUbi11qwheeaznebeFZE37kkD7SWADbc5wSw7DR4fEt141+D13r2kTwXOm6dfLqctrakWtvLKirGGI+RSQMkDgZOe9ewyW7D5izHHPtn1oWIvht7Annj1/n196CbI4T4I2GpaP4f1XTNT0i802aDVr64864VVjuFluXdGjwxLjYy/PgZ/vHArv5Jgr43gsO2aa1u38MrDnjv79/c1AI3SZi53nuTQUXI7xFXBYe9SmZM43DPasiH5VdsYO7d9Ksx7ZWR2LfN92kI0dp4prSbc5pVeRkwDx9KjMblvnPFMZBMyySbg2W+lWE4XBqtNH5bgp1zVhkdnAzgfSkA0yruxnmhpFU4LVWugUnix95smm+YXc5AOKYF+Fg2R0IqdSFHPNUI5Asy89etWvLZvmB4pgTqSenSpAxFVl8zpnAo3NGyknIPSkBK8gj+v1qRZs49Kzrr95IHVT8vvVuFgY1Ptk+1UIstyuCMUxstx1o8z1oX5uc4pAOUEU7tnvTVb8aVqYEbseeaNxUcDNKV3U07icAUANRyW6cetTBs4qJVK8HipBQA+kc7jimbqimLR8g80gHs46dDUe7rnp9agmlaTAzilhjORnkUhFuOPbn+7SyLu+lC4/CnH0BpCIWXzGAxTggUccGnbTRkDr1qgI33BTzTVcqmKn+8PaoynzcGmUM2OymoGZkmUEZFXeVHBzVRtzOeKALMDErntUm4/X2qvHIqrjOalTLex7UCHMwHXiomkU8UszgHB61WaTdkCgZOkgXqeKXzstx0qn5g3BetSKSOccUDLH3Tk9adu71CzbsZ5NKtAE27oKFfqKYW70zk1QEvmfNT/ADN2KrZ25FPX7tAFgHNO3AVDyKXrTAkZvlJqISbsilf5VxnNR9M0xjmeo9wpGao2zuqRjnIqFmJ4FKzVCzjbigBGYYI71AfvU4ybeM8VE7elAEcncVWuGA6VM7YB71VZS2c0ARtIW4/Wom+9Sudv0qMzJtyTTAjdhyKqydc9fapGkBbrxnt1qKRHDAFSD+lMCjNHuckDrQenPWrDLIo3CJ89OnFU5Gk++yMFzzwfxoK0IpG+bpUMhx9akkbOf51BIQOSaBkEnfmq7MR2zUzsGOOtVpc84pgRzfLg1TkbORUrMehOTUExIzgZNAFd+/NV5G5p8jEZzUD9etAA1RMcmlLc4ppbmgBrelJQTzRVgfTO7GeeaimO1c9SOamK9aik5IAxkkAZIHU+tYkGPr+uWvhvRtQ1a9fy7Oxt3uJWxk4VS2AO5OMAdzgVy3wv+JFn8TPh/Y+J41S0WUSLPCW4haJiHBPpgqc8ZDCq3xAF54m8QaP4W0+X7OqMupXV1dadLcWjGPDRQMRhSzE78bgP3eOc14/8BRqHwr8TfEnwheQ30ujebNqGm6jHYTRwSSKh8yNMA4JXb8ucZjHJzSsB7lb/ABM8H3VzBBB4q0WaWZGkjjS/iLMq5LHAbsATV3T/ABdoer6PLq9lrOn3elQ7hNqEF0j28ZX7wZwcAgcmvjXwf4Umi0f4L2d/4dvEmt/EV1eaws+myExx+YgTzMp0Ixj6dPTQtfCuu6l8H/Fq2unajHbyeOBqN5ZtayI0unlgdwRlyyA4YgDgJSsSfS/j74l2mg/DHXvF3h+407X10qLeqrL5kLvuUFCUOQ2DkfTPtWj4P8dWfiTRtFmnvdPt9X1DT4799OW4XzEDruJCk5CjkZ6cGvm3xxpWr6l4X+OmuWdjevo/iS7s7XSYIYJS9yY3G+WOLG4KAMAkDpWz8OdS1TRrHxh4a8XabqN4l9ocX2HVtPsJEka2+yqn2JTtIRo1JIUn7+/k9KqwHtnij4naZZ+Cdb1Xw7qGi67qFlFmOGTUYo4d7NtUSOWAQHDYLEAle4IJ17fxlpsKaXBqeq6Tp+r31rDOLVb1SGZ16xknLIW4B/iI4yOa+Sr7Rtet/gZ4/wBBeGTxDGs2n2GjapDYOJ7yIMJDHs27jsU8kj5SSAcdOn1rSdTHxR8Oaj4ahur9rr+zNO1HQ7+0kMU8KRxulxGSoUCPGckhlZT97OKQj0nxt8aNU8NaN8RNWtbHQ72y8OSwpamK882WcOQrpOqHdEwY8BgM4610Oh/Eq91LxJpVjNBo9ppU2gpqt5M2pAXFvKyb/LELNu2AdWIwBk5r5v8AFFnd3ngr48rBp95Jd6zr0H2GJbOUm5hExO9Rs5XapJIrsWmSz+M2rar9kvDYWvgAWEE4sZfLlmESHyg2zJf2PSmrDPo3R/G3hzV7yOz07xDpV/eTRmaK3t7yOR5EHVlCk5HvW621s8ZFfFvwb8Pvpfib4Er/AGVcWk9ouoSarM1m8bI7tIqCRtoGT7+tfaNvkrzzwMkdM5aoYh6kKvFSJIVFR7fmp3TrUjLCsGxk1FM/XHYZp25eMdagJyxzzQIhWQXFuHH3ScdKnjVVX3oVRgDHHpUxA25xigZDH3zTd3ytngYqZcMcA4pjhRkH0oGFtjyV2j3q2uWXOKoRyCFF7dqtRXaDADg0CJ/u9qWP5TmoZrhePnBFMW4Dp8p5oAmL7nJ6VKvTNVmbkfzqRZBGcNQAszHa3HalXAVPpUdxPGqH5hk0kMisoGc8YoAsfe57VG0a7jx1p656dqRsetAiJbdFHAqWNQzcj6UituapkAXvQMeDtHFN8wscNyKUMDTGagBBGoOcc07eePrR/Dmm9TQBG0fmOjHqucfjSG2RcnHWpFG005mBWqAht4k8zcByKu56DFVIDjcTxUxkB6UgJlXHJps0YbHPTpSCTb1NO3BiD2piIwu3tx3p64VcA1J8vTrS4Xb0pjGbS3FOjUqcHmlzt4HFNLHPrQIkyKVmB4FQ7smn7eTjgigBGbb3waFlHUmkKdzzTRheooAkMobnrS7vyqJnAXihn+XOKQDl5b2p7JuBBOabB8wJqXbikBVkhHpT0i2oCDirG0UjYC4AzTsIYop0hCrnvTVzuBxxTmXzB6e1AEcbM3OKft3ckUx5PL4xilDFkNIAMoXPpSKCOTyDVf7zEGrIbCgdaBiswUZqtu+ZjnGanRcg5NRNAN3Bx+FAFbnJqwtwdo459c1I0Y21BsDNjtQBI2ZVJ6GqbBl5I/WrKrtzhuKhlTp82MUAV4WPmHuBVsMce1QrHsYkHg1KvGKoY5cr71KG4qLdntSs2BQIk3UVFu3cZp24KOTVDH9eakj6VEsgp6E+mKAJ9woqINj3p+RQAh785pBSE+9Ct3plDWpmPm609qib5ec5pAMkUFutV5AORUzE1Xk3Z460AUTJ8zLnmonu0QEEkmpGt5N/qWOBWfNKYWyyMFyBllxwQfX6UATSXiYwM5qu112qyybeGTa+Pung5/HjHTnNQSKFcggDBK/iDQBTkussQelU3ul8xYx1PSrl1CVbI+Uj+EjmsuRS0qk460wOf+J3ip/Bvgm+1C2G/UZgttYpkgvPJ8q4x/dOT+FeJeIPBI8NjT01a5+Jev3txarPJJod40luHJO9ByCCDjivQ9ScfEX4xRWozJovhFBI4P3XvZByfqgAGOcE5716X0XAbA57+uCeOmcimB8qSabbPG27Qfi4UAOC9yy/+z1p2Phu8s9JufFPhuDxnp2paHOLhtN8RXbsL23C/vUC7iM7SxB55Ar6LumKYO7OfYUxmaTyzydvAyck+39KCTO0DWrTxJo9pqlhL51lexrcQuO6tyPoR0x9anvDj3rzvwnGfh7461HwiTs0vUFfVNF5+UBiDcQD3V/mUf3WPFeitiRef++ux+ntgjmgsqb8dsGq0sp5NWpI933TmqbR8nJoKKkhO7NQSSM3fFW5EHrVd4+vNAFOTJ6moWJ3CrMkfPWomXtTArv60KQetOkTKnmotu3vmgAP3valpN1G6rA+mpW4OKqOzdiR7g4Iqw3y5ycmq8n3TgZYDIGcZrEgYuW6A85baBwPYDsOB+NRSGRozgu69AOSMdSDge1eW/EL4s22meNj4X/tWTRbG0tBe6vqtvatNMquxEUSYVghIG4uw4AOOcEelaLJb3drZi3nN/bsF8u4aY3BlU4IYvklgRzn9KkCS4jkWJifMxyGZgeQCeenQZIqrvlSTd828ZKk5JXpkZ9OnGe/vXlnwr0X7VpGveI7QRN4im1jU4rS8vpWdIgJnRMqTjYMZxtq14bTxH4d+K0Wh3PiS88UaZfaO9/P9uhjWS0mSVUUrsXgSFmG0916/KaVhHp8cjD5i7Dp3JIA9+vc0+O4k3L87EY5wcBuec4x/jzVZvmHQ8/w9D9P6V5h4J+Jmo678Vtb0m8RV0e+s/tfh906TRwSmGVumTvOHGAeMHvxQj1pZH3b9x3d+Tz+PUce9R5Ma8MQAMjpweuRx69O3864fWvjF4b8OaxfaXdS3899Y232ueCz0+WYrFkgsMLyBjJPQDPPaptC+LnhfxPrmnaXpt5LPPqMJns5ZbWRLe5CqGZUkI2uwByVBJwDTA7fzmZhmRtgbAAbOB1I68H/ABo3OoGGPvjjJ45+vWvMrX4r+FdJ0nVNYufEd/d2MmsvZ+dd2sn7ib5R5KgICqDI5bHtk9d3S/ih4f1Wz1u5W+ls4dFZRff2hbyWzRBl3KwDgFgyj5ccnio2A7F2dlx5j5JzgkkZ6Z/lU0eSuOSf4e/HoPWuY0Xx5pOvajcaXAbu11OCAXL2l/ayW0whY4WQK4GV7HHQ8VZ8TQ6rfWcdppN8NGlnk/fXwgWWaKIKeIkcbSzNgZPQHPUVIG/kZz0HuCMn0FG8fT61518Kda15pPFmka5qZ11dF1QWVpq8sIjluF8sOyOFAXchZQeOp9q0fGHiue01bw94f0+QJqWuyzKJeC1vbRIHmlC9ScEKvT5nB7YIB2qMVHzfjjHH1zTeeoH0HGT/AJwfyryH42fELV/CnhO6tvDLtFqFuts91fXTK7W0MkqxpkngySEsOn3dx4+Un1SSd/M8yMj72M4xwCcZ7A+vYHjmgC1HIvGPmGNwKkEEduen609pBjHHr14x65/P8q8Q8D/Fq2tdR17TPEeuXF1df8JNPp9tcT27OkSfu0hjd418tCxJC56kiu30/wAU2D+MfEtt/b07SaVaxfbbGddltZJmRvNDFQNxAbJBPC0Adxxzxgr19frjriq8pkuDhThB14rymT4mDUPi94dtbbUdTg0BtHvb6a1urKSGGVVZQk6bk3uDk49h0GRnpNF+Nng3XrG4urLWC9rbW63UlxJazRxlGfYoUsg3uWIAQZYkjigDtlSMfe+nJ4qWO3iKhlAwfavPvFXxAttQ8D+NpND1K60nXNE06a4nimt2t7q3IiLo3lypnawGA2COccHFa3hXxna3Gl6JYXdzcTasNHtb27fyHZY1aLJklcDan3CcZByR1yM0B1nlpGpJXP6U8wqu4RjIBIB7Eg4/wrkv+FneHb/Tb6U315psEdgbz7VJZSxsYGJRZodyHeMkYKg844rjvFvxFOkeHvAGn6dqOsakmvzQQvq8Nm8l3LaiNnkdAqHEzADjG4Ak44zUgevfdxxuzyOo49fzqRwGGSB9T0HufavPNN8caZ4Hs10vXvEWpau9vcCN9UvbOTFsspBhiuJAuxXAKgl8P8wzgGn6z8cfBWhXmpWd7rD+fp0qw3ix2U7rDu6OSExs/wBv7uSvJzQB3k0KMDlQhyAN2B/+r/Dmqvkv8rR9D05HP09ehrD/ALc0+9+IlrpEPiC6i1QadK50qGMiGWNpEAuCzJhmAYAEHv0rz3wf4y1+3+C8vi261S41a/0i81Ca7W6VGF5bRXTqyMAAFKopZSOhQcGgR7HbzSSZ25OD06H/AD9Km8zzsFenUN2IryX4sR2V1Z+HfEWn3N3HeXOsaVBHcR3cyiSCWVWAMYbyzlTz8veut0/4leH9Q1xNHtbyWSe4upbS2k+yyLbzTxbjJFHKRtZwATgEj5WwTigDrlYJ1OTUqShiByc8cVyOn+PNG1TXYtLt7iZrmaSaKGZraRbeZosiQJKQFO3BzyOhqO3+KHhybVYtPS+mM88Etxat9jl2XiRjL/Z224mYYPypknHHBBoA7MFV5568H8Af60jOAfWvNPCvxu0fxJ4StdbnjurJbq5a3trQWcjTzvvcIsS4/eMUTJ2527cE54qxd/Gjwna6PYapLrKx6fe3DWkUptpuZ1ba0RGz5GU5BD7eaAPQPtSZ68d6kWaNv4sc45+nT615lcfHLwTa6feXLaxIgs5fJu42srgS2/ctImzciYIw5AXnr0zsar4q01fGlhYjxFPFdpps11/ZEMTNDcxZB+0Fwh4UDsc8j6VQHaySBfem+eK4Hw/8avBniLUbGysNdW4mv5XhtWNtMiSSLu/d72QKHIViFJyRjA5q/efEjw/pesTWV3qKwtHcrZyTtDJ9minYAiJ5gpRH5Hykj8+KYHXQt5sm1Qc9MVLxk4PT8/xHaq6yRi6ZHVSq8ur44Xvkfnx7GvOlvvGOk/FLw9ZXHiW31iz1OK5m1DRVtokGnxxxkrJGR8+N5RPm5OegpAems4xjIojkZhuA+XOM9QfUZHGaoaza393pc0Wl3MdpezYRLpovN8oEjcyp/EwUnAOBnGTiuN+F+sa5fap4t07V9Zg8SWmlaittZawsccby5iV5UYIACYyQpIHXPpTQHpAm46frT45PMUEKcEZBPA7ev4/lWRq+s2fh/Tpb7Up1trSMopkYF9zMcIqqoJZieAoBJOODmvLtC+JyX2qfFpr/AMVyafo2lLapbXt1ZCB9OLxPu/dmNGLB8YVhk4BwKAPaW/Tnn6ED+tJuGMVxd58VPDHh+Gxs9Y8TwvqD2C3amVW8+4jCjMpRV6tkHHXnpSaf8XPBeqXWl29p4msZptSOLVQWAds42EkYV8gja2G9s8UAdpuCNzyKcrBn471zureOtA0PVI9O1DVIrS9kkSLY6OUSRsbUeQLsjY5GA7Lww9awo/i9oF14q8T6L/aH2CTRkQSXk0TLGrsjMxyy7RsIT7x+bPAIHIB6EePf6enr9OvI9Kaw7Abvp+leW6h4x1Sz/wCFUyad4kTV9N1jU47O7vFt0UahGYHcS5AG3lOi8c16PqD3EOn3T2cKXN0kRMELsNrS4YoC2CAM47UATsAy/Lz+FA9P8+1eVW918RNE8Z+FrDUvE+i6pb6hPI9zb2eleS0dvDGzuQ5b+8Y04HO416qsyIp3ssca8szEKFUAncSSOAM/TFIB0bbepwPU07zflBJ+qkjPQH/P0rA0jxhovii6kstI1q1lvfL3bQpLIrZCyhGA3pnuuelcd8LfiNJqfgHTtQ8Varbxarc3t3aB5F2CVopmUKoAPOBn6Dmp1A9R37qUtha54+MtCj1xNHOsWo1VpBEtpvy7ORnaMZBbHOM59qc3jLRE1qPSJNZsV1OQ7FtGmAffz8npu/2c568cUyToN+IyetM3DJw3+NRyny13EnC8suMEY7fX2rzPxN8T7rSfiX4X8O2Fsr2l1fPaalesvSU27ypEmcZIAVie2QO/DHqemso+8Txjim7iqbs4Hf2pst2iRySTtHBCmWeR2AWMKMlmPYYzz6Vwdn8TtO8XeEW1Pw94l0jSnW98rzb+eNxtExXDLuBBkRHKjryKkfqd5HwWyOf0NOwW71Qh1rTrq+ns4dRtZLyH5prWOYGSLjkso6AevvTW8TaHDpkWoSa7pkVhI5jS6e7Ty2YHBAbO0456H/CgDVX5vu8460/A7Hce208Gq8M0M0MUqSq8MyiRHVgwdTzkEE5yBnjPFcp8RvFmp+DZPDktlY2tzZX2q29hcXFy/wA0XmNj5ExzwOue9AHYzYJJU5Udu/41XJ280qsZeVDYwQo2knk5A4HriqV7rGnWF0ltdajZ2txIcRQzXMaPJ/uqWBz6cc4qgLLN2z1pNpbhhxVWbULK0n8m41C1hm7xyTojj6qxB68U6bVrGztIbi61Czt4ZuIpZrhFVzznYScHBHX1qQJmjCqGAOD7Gm/aF9DiuL8RePL3RfiZo2hzR2MeiajZXFwbtiwnDxAE5JIXB3DBH/1619Zvr+TQTdaI+nyT/u3je7k3W8il/mG9cjO0HHuRVagbiziTIUZP8h6n0pfOUnB61XU4kIkUI+fu56cc/h0/P2qX5dpxyenFMBzToveo7i4+UFTiq8qMW4pjwsFDY5WgZbguCQCWx+FWDeIrY3VnKzMoGMAU+OP58kZzTA0vtCFN24Ukl6qr17VSeN1TCrn6VBdxzSLtSJunWmBfF6Zl+U84zUXnTecUzkYzVGxjljkUMhx0Jq/tdbrOOMYzQMtKWwNxpffPFJnpnmmPnscUDCRvSqsjHd7VO3pUElMCCd1SNiwUjBzvGRj3FfPHh3UNL0Hxx8SNKvrbUJoBquxVitZ7hY4WiDBAwB2jkkY719C3B6DOMnFeU+HPCer6F428W6xO2nvb63MtwghZ8xyooQK3HIIGc8fjTA8j8I+JLyL4ceBNGS7mjXxJrdzaX1wZ3ErwxMx8sktuG7ABHGRkd67/AMcWq/CrUPCms+H1aytr3VYdI1GxViYrqOUfJIUJwHXb95QOOD60mifBG6HgpNHvr60t76w1WTV9J1Gz3v8AZ5jIXAdOAVwSpyeQe1dBqHgvV/F2p6Q/iaTTY7HS7j7Wlnp+5xNP2kct0AycKOh70gM/xJ8cdI8M6rcaXdaL4nnmt3ZGltdKeWNxwRhh1xXIa9+0lpVjpN/d23hzxMJreF5ImudJkSPcASpY9hnFe4TOyEqGIU847dMVRmbzI3jfbJGylXV+VYEcg+2KYHlvwjn0zw/oum6PNqSXPiDVLVtancDP2gMcu6NnD4yOB6DpXoskLx5O7px/n256186654Z1DwNrP/CO6e3/ABM/D8za74Tmk4M1ozZnsyfQZYbfdfSvdvCvimy8a+G7HWtPZjbXUYkVHHzRtn50b0Ktkbf8KALzHzcLjJ9akt/l4PH9Pf8ACl3fLleeKqaxq1poulX2pXj7LO0heaVjx8qjp+PSgDzD4x6xp11p2oR2l0LbxH4VSDWba4Zf3aSHIEW4dTIMrt/2lqvp/wAWPE97bxSJ8LNfyY1bc1zCi4IB454GSevpXF6Tpt14u1jStPvgTda5ct4i1oKuNsK4FvFjPAztH0XpXvrII2CphAOm0Yxx0/nQM86b4k+M3BMXws1Uf72pQVu+GNa1fWrWaXWNCk8P3KSlBbS3CTErgfNlcd8jHtXTyMNpBG4YwRmqkzE+w47ntn/GgoiYbu9QN3qVpMcYqtJLtzxQAyTr1qrI21qlkeqsppgKW3cVGwHrzTdxFO68mgBhGBmmb/apTjHWouPWrQH05J34qk2WYdOvGTircnU1Tkyv3eo6cZrEg8v1TwzrGkeLvHGoWWjz61beKLCKONomRBDLHEYdk25h+7IKtu56Ywc5pfDvwbj0PTfC1nJ4h1tJdGtILYrY37Q20hiIJPldCu49+tekttZiu0f+Ok4/4Fk46duMZrmrz4i+HbONZpNatkV746VGWLgvdhtvljjJJPHHBqQOL+Ed9faf8F01Oz0qXWL2ae/uorK1Ko1w7XcuAXfCgdcnPQZ9qXwXJ4j1KTUbXW/C9/olzqUTvqGtzXkJdm27I47cRsxARThOflwWO4kmt+00Pwp8K7G91GNl0LTkUmR7m7laJAWzwhYgHd6LyTXVRSLNCkqHcHTepBI+XjbxnjOe4zTEcFrHhvUvCPhbULLRLrxN4jvdUdLZ7i7vRcyWEBG2SVNxXawQtgDq2ORXO+OPhvceFde8D694Q0rWNYvNEvhFLai9adF08rsljAmfC8EYUAg47459J13xdofhX7ONY1WDTmmLeQsp+aTaAx24HONwOc8VPeeJ9DsdYttJvNZ0+31W4w8NjLOolkBzghDz05/OkOx5xqek64fG3jvVYvD+qGC+8PwadYv5aDzp1WQunD8Nl1HPGAcelUPDeg61Z33wdSTQ9QS38O6bPDqD+WhEEr26xofvcncHr2/ydrbsqNvBLkLwO5JIHr19KxtB8TaJ4k+0Lo+tWOqtakJLHa3SSPEw7OByPr096BHiR8PeIV8Jm0k8M6slxN43/t2S3ESZWzFwJfNBD4zt2gAc56jirfjbwT4k8U6p8SZbLR7q3murzS7mwW4VEh1EWhXzIgQ38bDoeCRzXt+o3lto9nLc3lxBZWkPzPPPKI4lJJwSScA5H169elZ954r0HT9Hh1W61myt9Km+WK8eULE/BPBORnCscdsHrSEcZN4fvvH3j5fEZj1Xw1Z2+iS6XHM+yG882aYO7xj5gBGBjcRyz8KAM1b1e31z4c+HHg0VPEnjPUL65w13dPFcS2CEAFxkoPu5IXu+05xxXW2fibSb7UYLODVbWe+uLf7XFbxzK8rQHGHC8nad4/MVtBSjEEsCBjg4x9fUVIHmfh+w1DxN4ck0mPTvEHgOGCcPFO91Et/cSFi0rsVLjLOQSTySxxtHFZ//AAi9z4a+L/w9kuNSv9Wtm07UNO+2alJ5s7TMUlVCwABJUNgYH3RzXrUW5WAABUdAOenfA/nz2qvq2k2msWP2S+iLxhklVs4eORTw6kchh6+1AHjHxQ+Dmv6lo2r/ANjeItdvTqerW9zcaWsduYlzPHublQ2I1UEDOB5YHSvQP+EGv5tV0+7fxl4jCWohWSCGePyLny8bmdAhJZsHdg4OT0612O0cAdRnBY/THPXJ5Y/SpY1DDcoBLAENgcj1H40AfPNx4f1648E6paDw1rS3l542XVzC1qf+PMXKSiXknogA685xxWh448H+I/Fl98XodO0q7gfVdNsItOmuEKQ3fkFmkiDFsDduKj+9kg8V70uemGyDu25OQfXB7+30qhJrGnLrUWkf2jaf2scFbFblPPIIzlUByBjpkf3sj1APIV1zWtc+JXh/xAvgzxBZafaeHLy0lW4tVDrPIyMEClskfu8AgehxjkVLHwf4itfgL4EhttJvI9W8N31pqF3o8ke2S5EUrvKEGfmbDBl5yxXHFe6s2yMtJIISoLM5O0Jk8lj7Y6nOPYVX03ULHWrWO+sbuG+tJGbbcW8iyI+CQQrjPQqw46UAeN+PNC1TxNP478UWGj6nGl/4WHh+wtJLQpdXczvIzuyA7lVSyrubGeval+GNr4h8CaZrXh288P6tren3Fib+zv5rcB5ZmiIks7h8dVK4U/d2nA7Y9uXO4FjlmIJ6fQD6YJGAe5zTLu6t9Ls5Lq8uIbS2iBMtxPJtiQDAyzEgYz+HOMUwPDfC/h/W/Deh+MrDSrfXrvwrNoDW9hYaraMLqzu5FdDaRs3zPEu4N3VeCOlXP7J1OHTvgpGdC1Zl0Yxy6mqWbMbcJaNbkMP989uwzXtMM0d1bRXEUqTwyxq8cyOCHVhkMDn5lwR7HjpQ0Z29CQWyN/TPqO3p1pAeCx+F57Xxl4r0vVPh6/iT+2NVk1HTtYI3WJjk2gLcMWHliPaOMH7oA5qLxNpeq3mkfGuK00HVLifX2hh0wR2L4uY/ISIEEjAAKnr2wa96sdT0/VhMbK+trsW8nkSmGRZQkgALIcZweRkccGrphEhJO44JOGO449SeT/npQB5Lpct8fjJous/2Vqg0q18LfYxctZEBJjIknlY/vbU7d+K5rShd6L+y54gtL7Tbyx1B7bUIDb3MJV3luZ5PLCD+Pd5qgY7gg4r26bV9OQag02p2aR2WFupZbhB9nLKCPMycLxggEfxD1xWff/2LqWraRLc3NvNchWvLCGS4Qq2FG6ZUJ+YoCPm5278jrwAed+OtIm0fwX8ONIkPmTWuvaLZuFPys0Z+b8Pk69sH0zXKaVZ+K9Q8VeBtWufCOuRXul+ILqa7igjSGwtkZJVjaJA4yrbkd5ipJIPzHpXrU/g3Q/Gl/p+tLqd5qMNtdx3dtHa6kz2SzQ/KCEXjIOevcmu0VPMD7iWY4yep+pHr0xx2oEeAeHvDetjXjFoEGqaTpuqQahJqmk6xA32XT7homVJ7aVuQZHfLLGTlSxJFXPg74fVf+Eetr34d3eka/oMflXGtXxzBlItivbyF/maQBeAAFBOc4xXu3lnkY+bOdp4PTAwAOvSq99dWulwLPe3dvaxtIsYe4kCqWYgIpLHuT0yeelAz5+8M2/iTQ/hv4J0WbwnrsSaffzW2o3NvaLLdxZ85gbcZJUOXAMi4OGPTqMvS9I1u08H+H9NuPDGuQvZeO21R99sbjbaCWRzJuUsTgMnJILE/LkAkfTXln5ifnLfL+8OQwP3lPPK9OPQigRljliWfjG45wR/n8gBQB4D4ktL+5j+N/wBn0PVpJdZtobfTmj06XFwVtTCQPlHSQ/l+Od3TTcR/FLwLff2Rqcdhp/hma2u5v7PkVY5z5JCHC/eIiYcdz1Gc17QtvGFPXPoT9f8AGmeTyTn36fp9KonU+bfDul6jb+A/hjYy6BrEd5pvik6hfINOlUww+ZMxkPAHSWPHsMHNXm8K63/wrPxr8OZdIv7jXtU1K5NneR2rPaXEVxcCRLgzbdqKgJ3BiCCBgZxX0J5e4MrfMD/eyfXH8/0FIyrkZGVUggN9Mf5/XNIo5e38H6rb+IoNRXxtrM2mqysujNFE1tIoTbtGV3bWOG5OeuMda5G80+w+IPjbwjr+kaBqWlazpeofab+/1DT3s5RbBHRrdmbAkLnYFC7uOSa9XXey8Odx/i9OMZ/z24qX5mULuYKowME9PTnP6c0COM/4WhpjTeIbSfStaabRrpLS7hXTGm3iThZ0jGS8JCNkgE4GQOa5zwT4D2+IvG2qeHBeeE9K1uC3t4Ctr5EgulLmWdIJFG0YKLkqpJVq9KsdJt9Pmu5bePy5bqXz5mLM29ucdSeFHAA4AyPerSwhVUDoo+Xgcf5/P3qgPG/H3h3xL4aj8H6tc6nqvjqz0fX01C9R7SNp44DCyArHGvzhGbdjB9uRWJrl9c60nxuuLHRdcjg1fSYILBptKmX7S62zxEKNudxZh2B59q+gU+9kfKcbcj09Kf8AxBhuDf3txyOMf5zz70AeN6TdBvin8MbiSz1AWlj4Xltp55LC4CwTERBULFMBsRSj8uTnFcVZxXMHwc0O2XStRW9j8aLfyW40+YSJEL15PNZQvA2FfmFfTjZ9SAeoB69MD/PrSszsrfMxLAg8+v8AQZNAHzhdabYDxf4y8P8Aivwz4g1yXVNVkvdPeye4NjewybPLV9jbI2j24LMM7R7YPVWdy+gfEn4lxalYXyrfWFnNHNBaySQuiWbxuA4HPzEKACSSQOlev8hdikgccZz07808DEe0Hbj7uOAPw6UAfPXh+SW28B/AeCeC8SXTtQha7i+yTA2+yGSNg4CZX53Uc+tey6ToPimz16W9vvF76tpTeY0WmtpsMWzdnb+9GW+XA6gV0u51dmWRkLEncrHO4nJJPU81ImAxLKDkg8jr9fWkByGj27ax8SNe1WVH+yaVDDpFnuyBk/v7hgD2LNGue+w1y/jjwX48u/Afi+zj8Wf27NeaZNFbWKaXFbEudpwGTliVVl299+M16vMHb5txbucgf5700MVXGcH1wP60gPGTqEHjTxZ8L9V0JZYptDWaXV3MBjaygMARoHOB8xkGNnbGQBXm/wAGPEE3gvWdM1DWVa50TUrm9tYGaFzJo0xnkkB24OElR1y/UZ5JGa+sRuZi+TvIxnJzjnjPXHJ4HFQycs2SdzdWzyfr/ntQB4DHqUlj8RoJNB1OHV9N1DxEft3hu/QNPaTHIa/tnHITaqtk8AZGR1rFnU3/AMGvEvgnUEkXx2urTG3spAfPlne73w3KdcpsJPmcjA6mvp9AHXDHIJJYZwD+Hc44ycmovLCZ5bpt684wR165waQjirjT/HT6489t4p01dHXlLKbTR5inYQMS7hn5zndj0GK8g8TeE/H3h7xB8N7Z9S8P3Tpq8rW94ljKHMxgkMkkxZzncN3THzEdhivpDG1lxx2+UkcYAx16cCnqo4AC4znAUAZ9R7+9UM5bT9N8YR+Ko5bnW9Hk8O+c2LFLApcGM58tRIX5Ix1xzj3r56m1DTYv2cJdLuJUTV9M1ZI5llQ+ZFKuoE4DEfeCZY+g5Ir6tZDyASAck8nJz61FNDHIG3xI4bltyj5jjBz9R2+tSB438SLjUPCPijTfHnhqCO+m1KH+w7yOHks0nzWcuRwNkvGT13c9MVD4q/sjwbrngzQpns9Mul0m7ij1e4+ZGyUWWJEzsMkjHO5vu84BrvY/B15d+M1vrzWml0G1Pn2WkpbKghnCbQxkBywGWIXAwSOeK65raObZ5qCXy23xGQbtjeoz0PTp6UAeJ/BrUvFGrfB/wzD4O1HR45LOOW2vF1m2mfa6ytgLsIHoTnP4VvfGvUH0/wAI+Fm1Ca1t75de055I1cBNwkG9gGOQgJBr1CKFIYyiqoUkkqF4ye+PX3qpeWsF6my4ghmwePMQMB6gfpQBj+Lj4ukktT4Wl0AxFXeaTVo5pATkYZDGcbcZNeEfG3WLG4h+INlO1hpuswaTZ/amuiXe6cIGT7MrEFIlJOWGTxnivpIRqqgKqgKAAu0EDHQD2qvcaZZXU/nz2NvcTFPLMk0SsxXuucZxjjHocUwPDfGniPQfGsmneHNKutNk1HX7SKbVdZlli3WloihQVdufMYEqMHoc1l+OL7weLo6LpR0+yhj8MXEUV1qBMkHkrLJHtt42PMpdcmQHod2BXvs3hfRrpT5uj2Ex243PbISMDA7YwOegqM+H9M861b+yrIm1cvb7rdSYcnJCHGVHJ4pgfOmmTaP42X4IJq81pqdtJpt7bTpdShovtKwxkRsWOMhguRn06VR8SaHZ6b8LfidbWgI8O2OvW8miMzlo4PmhEyxE5+UOWGOnFfS03hPR7jTF02bSbGfTVxts5LZGiUjPIUjA4PbFE3h3TJrGOyn06znsowoFtLbq0fAx0I4/CmBz99feNP7cjGkaf4fvPDjeVIZp7iVZ9rKN5AAK9d2Pwrs/M5bYMKT8m7svsPrVO2tYrGCOCCNIYkGEWNQoTgDA9sAVKqlehx6n1+tAyyjE9RUqsGB4qqGPHNSRn3qrATBR/kVKrL0K1W3kGnK26gCyzKegpBgdDioaQMSaQywFXnmgfL3zUO4gUoY0xEysBmk4NR5pN+KCgkIGaqvJuzkYqWRs5qpcfMuBxTArT5kbA5XvTfLG0gjcD2arCrsWo37kcUwMuSyaNsxs3+6ScVWlZo2wxxWrK2AaypYmSQs67ielADZV87B6VB9nC54yfetCMFl+YYFQSrxuFAHnHxi8I3XiXw5BqGkp/wAVHoEp1DTm7yED97C3qsi7hj1IrjvhHPPHq13caPA7+DtejOqW8f8A0D7wnbPAR2BPzY7En1r25879yjDdq8q1D4HG31TUbrRPGGueHLO8uGujp1g6eTHI+DIVyONzDPtnHvSA7/a/l/dYe5HFcH8XNNvde0Ow01IyujS3Il1eYsABbxqXK/8AAmUVVb4L6mynd8TfFh9luI1/ktULz4Btf28tve+OvFd9bSr5ckMt8NjqeoI280wF+DtmdUi1XxVOMTa1Lvt0I+aK1QlYlPoP/rV6DIp3dMn1qey0+HTbSC2hQLDCgjRQMAAAAfypZB83HFMZSZW9KglXr61fNVZl5J70FFCRSOaqyxnrVyXIzzVd2JoApsm0HnNRPGevarMi4brmo2Y/hQBUZaTsalkGfambaAImY9OtRY9qmk+XtUW6ncD6alztPOTVdmCkEkLtIOTjjHfmppMnnNQMflJI/rWZB5HovxE1PVviXdeGry8GkXFvczoNDurUoZ7NVfyriGTrITlSwB6MRxjNcL4u+Il3f/C/Rda19YV+z+N445f7Otyv7u3mlAKoSxJ/dNypySfavWLT4XJa6xp2oXOt3eonSZrm50yOaGIG2kmBBJYKC6jccKeOlYi/A+CHRdJ0tfEN+1tpupyatGJYInaSZ2ZiHO0ZXMknAwfm68VIGJ8QdU1DxB8BPFus315aSWmqae0tnbWcQYRwySLtDSk/O4DYOAME8Z5rcuvFWt6prOuaJ4aubXT5PDun28s0l5b+aLid4i0ce3KhUCqAWHJLe3NeT4JxR+B9X8IQ+Ir+PQtQuWuI4Wt4mNopkMhiiOOELbeMfw8YzWnqHw4269f6zpuuXWlXmqWCWGqNHboy3aoCFk5+5IASAw7HpVEnM+E/GS/EHx58L9dWA2slz4e1K78kBcRsWiR0HXAypwfTnipvjVDp+kpoN5c+HA2hnXba91bWrVkFxE4kwp2n52Bbbk56AjvT/wCzbPwX8UPDNvb2V1b6Ja+HptNtHhs5J1VmniAV2RCOVXJJxk88V1t54JvdVuriLXNdfVtGN4LmPTZLSFDlWDxxmUDcyIQDtAB454qSjqdY0+DWrC8sL1fNguEMcyI+wsD1XqDg7gp+uO9cBovhPT2+Lt14h0a0hsdM0vS30mf7LF5aXM7uJNg2jDLGo5POGfbnKmuk1jw1rGqDWzbeK7ywTUIoordFgRzYEAiSSNjyXfJ5PTjjisvwX8PdX8J+RDceM77U7G2t3htrL7LFBFFI3/LUhB8zDk/NnJJJyaYGZ46upb34yfDnSLg79NVL/VJIzjy5riJAsf1KlwwHqQe1c5od99m0H45wAlbK0v78QR8AANaB5VAH+24OPVia9AuPAd7eWvh6eXX3m8S6GXMWsz2qt54kUrKskQIBDAjgEYKjk1zHj7R7P4f/AAh8TaVbNcXWqata3028wtLLeXc6Hc52KdvOAATwoxzSFY5mK11mHxt4Dj8PrYJqFt4DP7/UQ7Qx/NFglVI3fc24GME9eMHf07413mteHfCAsLRYtb1rTpr6XZZSXcVukbiNtsSEMQ0hHJYYXJrobX4fahHr9lr0OtR2ci6CujxWktj5gijOHLZEg535PIHHFYtr8CbjR9J8MDRvFk+ma3oEM1rHqgtBItxbSEs0UkJfDc7cEnjH5LQVmVF+Kfjya48F6YPDGm6ZqmtC8E0OqmZfLaEEiRV7Iy4YDJ9Dj71ZGo/FDxfr3h+wsl/s7RPENr4vg0DU/JieS3lyyyRyR4YMqHbhh3Bx/FkXfEtjJpfxa+HelWmtxtqlvb6nc3F5qsPmmaWVY87lQrjd8+ACMYHXmumvvhCbnQoILfWZLLWl1xfEMuqG1WTz7sFskxlsbACFVSTgKOtSBm+Ovi1rXgfWFhurbS1ijv7Gx+x/vGnu45yBJOGVz9nVWYhRIOduM81F4q+LXi7TLz4htZ6Zocmn+E1gunkmkmeS4jaMu6YB/wBYQOT0Ujvmk1z4E3upNrccfi+e3t9S1O31YRtp8csizxFCMyFgSnyZCAKATnnpWpqvwi1HVIfHsb+Irf8A4q6OOKeSTTiXhVIxH2lG4lRzjaMnOKoDsV+InhyLULGxuNe02w1a4WCWHT7m6USEyqGQYPOCSP58YrhfiB8M9Cu9Q8NWelWMcPiJ9Zj1aTVuDcx26SGS4lkkB3FXyEVM8llA6HHoul6LHa2lkLmGzuL61ijQXiWqoSyLgMASxA4XA3cYPXNcVZ/DnxrFrF5ey+Prdo72YPdLDoqLMYwTiKORpGKKFJUdcZJ5JzUgdnH448OahrkmiJrWm3GssZA2l/aUMxIUkrszuxjOeOMV5H+zj4sutY8FaHpOgvYvbWJkOsXV0sg8p5ZneOKMKwy23cTu4UYOT0Hs91o9ruu7ixsdPttRlEhju5LVWZWYEZYjDMOTkZGfavMvBfwP1H4f33h+80rXrOKWws2sNQH2Bgupw7y6GQCXh0JYhuTkjtxQBYX4uatbePdG0PUbHT7X+1NSuLBbAO7XloqI7RzSuCUIfaD5YAYBh1rA8ReOPFPjD4e/EM3OjaHa6HpsOradLItw8s5aKE7NgKhThj1OD1OBir2k/AnV9Nk0Ep4tja20bVp9TgX+zh5swl3h/Nk8z5pCJCN2AB125Ax0ej/C28t/CHjPQNS1iKePxJPeztdWdsYnga5Hz8b2DAcY4BGD61QjnvCPxK1jwk3hDSPE2lWVpoF/ooNjf2Fw0ssJt7dZGScMAASgzxwCOpxmtK1+LmpQWXhDxBqGn2MPhrxPcxWsTxO/2myMozA0pICvu7gAbfU1o6b8MZ9Qk0j/AISi6stTi0mxfTra20+BoF2PGIpJXyzZYxgqBwBubrnitoPwpvtP03w9omp6vb6loXhu6S70xVhZLl2i3C3WdtzDbHvzwPmKrnAo0Gcx8NvF00HjDxx4e8PRWMuqv4pvLy5S9kKR2dmuyPzWEZyWLrgKM5w2SMc9afipf3XxDvfCsA0xLm0uLaN7W781bueCRVL3MGWCsqZb5efu59q5y1+BWtabrY1608RafZ+Il1m41QXcdlIyGGYfvLV08z50JCEEnjB45zW9rfwt1LxR4gs7nWL/AE24gs9UTVLW4gtZFu7YKQxtkkLf6tmHIP8ACxHvUgc14z8Qp4k+G/xwhvNFsdPm0tJbaSS3G97phbK6SSEopaQAgDjjaPSuss9aa38feBPDVxo9jcQT6BJcR6i58yePy4okkiRSvyq25c8/NgccVnXnwk1jUNB+I+nNrGnK/i65M6zfZ3ItAUWMry+WJRAM5HOeOa2JPAuvQ+OPDniSPUNJzo+lSaaIXt3/AHjPsJfO71RSBjjnmqsI4T9nfxRcXXhW00HQLSzuDZXd9Nqr3GVWyV7mTyY0Cgb5GCnjpjBz2r2Hxhrl54e8PyXlhZpqEyyxxZmfZFbqzYaaViMiNF3Mf93HvXlngn4E614Du9A1DSNa0uK/sUnttQb7PIsd/bSSmRUZd/DIzEq+SeF7DB734k+Ebzxp4ftLGwvIbK4ttRt79BdxmaCfymJ8mVQwLIScnnqKBnLQ/HTb4P1zV57ewB0rWodHe+tmk+wsJNh+1cKWCAOScZHA+bni7rvjm9TwxoN7qGiaLqcF7r9vYQzQz+damJ5VWG7iG07+S3BIKstVtH+GPinQ5vENxD4h0nUG1jVE1Ga1msGSGZPJEcsLgE/IQqgcEjAPNVI/gff6b4Ts9H02602yjXxGniJrcxyi2hZWDC3g6YXIJOeMknFGgje8J+JfEWrfFvx1p189n/Y2mG0hijSWTcgaJ5VIBGGc7/nPAACjnFejRLgDHXGcVxWh+DdQ0X4heJddXUrV9N1xbZ7iz8lvPWaGHygA5bHl4+bpyQK7eHG0c84xQUh6n2pc4oprGkIUKOueahnXLDnFKGbg0krK3DdaQEkbKq7c8ipF5+lQxqPwp4b5sdBQBPHjaeKSTG0imphsgGmsp55qgCJct7VNt/Ko4vlqXIxSAG+7SDgZFDdMU3pVAKcdhg07ytynHWmt8pGOaesmB70AG3auDTl96ZI205PNCyKwwOaQiUtu6cChQDzUbfWlT5e9SMkZGX7tV2Vt2TVlpDjIPSqzyZbGKAHhgOc08sJBjp71X3HcOMip42LcdBQAxFC5yc0+DjJPSnso61G3HQ8elWA9lDc5wKjbbtI603fu4zgUxsryKVhEcKkyMoGBnIqSSfZwTTUmbcTioZsvIMjigBWnB6Ng0eYrLnPNRsqicnGRUfMbbh09KkC0jZGcUpYbeeAO9VlunDE7BtPalkVpIzxz6UASRyLyCwB7VFNMFYHcBVJlcHJH5UxVMjDK8e/NWBca8Uj5Dn6U0zLwWbrVcxhWIVcfSopPmwuMe9AFtpASMGm+b2LVTkm6YBGKFbPuaBl5ZF3YzUokUD71UGBHOKdg7fWmBoCZNnLCnRyBulZSt8wDdPpV23bjgUwLtC/LUauO5p+4YzQUP3Up5WoyeKFk9qCR33aDzRkNyaZu/KgoRu9V25arDtt561XZxzxQAySoW71I7ZzULfL1NMCGQ4NV2/Op2Ic4zUMny9OlMCJjj6VC65XrUpO7jpUUjbeMUAVnXmoJPpxU7NnNV2+agCCQAgjGKgbjjtVhsg9KrzN2pgRS4C1VbrU0zcVWLDrn8KBjGqrL3NWWaq0zYyKCisy7vaqs2BkVYkbGaqtz1oAgk+tRN1qVsc8VCzc9KAGSelQlgDT5G9qgkXIJoAGYHvTNw9aUAbTxTPL96qwH0y7YBqFWHPFK7fjVadQ2Y2kaLfxuQDcPcZBGfwrIgezc/LgnGQFI5/r+lQT+hB+vQfryea+ZPhv8TPE3jTVvE2j3fjm6t9RTWptL0eOGC1JYLG7+ZIrR/OoCHLcV6pqnxg0jwdf6d4f8QPfSeJJrBbmRLHT5JklZU/eMpRccHd6fdqbMDvmCbQT0HOfbuaj4ZhgZ5/hyePwNeVeLvi7Z6ppvgS+8M+KIdOs/EGrRxJdSWLzCeIHD25AB8uTd13cdemK6KH4seHdR1S70+znubm4hkuIjKtozW7SQpvdFYDDFQDlQMnBx609STs4n2qu1yOp4AGeeSMAHFTxzHygVOFJwcZCk/Tpn8K+av+Fw+JU8J/D/AFCz8S2euS674ibT7i4i05YkktzJgKqSKHVlGFzxyfWu70X4wWVneePtU1/xHZy6FpOqR2UcdvYSpJYZyu2Vim6Q7h1yRzTGevrJhvY07cG6Hn6Vxfg74qeGPH2oXljoWp/a7y0iSeWF4JYm8t/uuN6jIOV59665Gbv0qRk7E7c0+GRtu5WZc9VBIH6YqHcMdaVW64/KkBKihBjPvk9evf170u07t3WmrjqaXdn7vSpGPVDtwAo79MgHsRn3qQKqgkDHr7+uaajkdelK3tQSMVfmOKayfN6+9ODBffjPWneYG7UxDFBWnKxzS8Ypvt+tICwuFWhvu8VGGpCx6frQA9QAu3OOc0Z29KRVPpS5+XNMA9B1H+0SaWM8+3Yen0pHkUqMHmm7t3Tg0gJSB/8AqoRNxGMFfoAc+uajXO7pTyxUfLxQBKqjrjcR0LEnFIzdee+eeaiWQ5xnNIzbqYE6ZA+U00hVyMY3dcVErFfpT8hutAE20L8wPzN19PahVXdnaM9/f601pFIx0pF+b7pzSAk8odck+2ensPal47cUzdt6mlZxjrTFclXpims3NR7/AJfakZxg0hiyHauF5NV5nAXnrU0eSDVeYBpKBD45CVGO9WE96rLhVAxU6SfLQMmUiPnGaUt+tM3BlzTPM3cCqETowzzS5LMQOlQbvWhZCjexqRlnmhuR1qPzhjk0NIFx8wOfSmBJGPXmkLE9OKj83Z2zQsme1AD2Ziw5p2Bt44qM/N0pxyo9TQA78ad/DUW4496ckg78UgHgk8U1l/GgSBhx1p27cp7GgATH409sL3pjKNuM5NMLHpQIkz6UFdw64qPeF6mkaQN3xTGOjjLE1HcZjznipVYL060lxmSNuMmgClHMd3HNSsxb2qK0j2ltwxVnGVOBmgBI4dqjnc3rik8ncckVNGpVeaTcQcEU7AQheemKkZBt44pWYbumKGYZBoAptbnuMGhoBx2qzIdyg55qruaSTFMQzZyajkXacYBqwpC5Gaikbc3SgCLap/hFBjC9KGPFNLH8KABY/m5bIqTAyMcVHnFHmGgY9ow3X+VSDCrxxUW7il3YWmBOuO9PyMcVXV6fuP0pgWN4amb9p6ZpmccCk5PWgCXdmm7juxTclfejd82cUDHseRUTNnilZiw6YqInmgY1v0qGQg8VKfm4I4qN1XrTAqsu2om96nb5u9QyAKCSeKYFd2wcVDIRt61OdjcZAz3PSvJbr9oHT5Li4XTfCnifWraGRovtljYhoXZTg4bd06/lQB6UWwfWomYD1z9K8yb44XMkXmR/Dnxc/BOBaoOn1eq978cNTsbO4up/hr4qitYFZ5ZGiiO1VGScB8njP5UwPTyxJ9qrScEmodH1i11/S7TUrGUTWV1Es0Mi8hlIGDn8/wAjU0lAEDjPvVdoxzzg1YkOFODzUDN8ue9IZA6+9VJs7quM25c1VmPXimUU5e9V2qy3zZqvIy8jvQBXJwCaiZuelSPGR34qFvWgCN/mz2qEnBxT5ZNuai8wGgAYbabSTSAdOarfav8AZNMD6RvLjyWC4yW71n3V5JDmZYpLl4xuWGNgGcjoAWIHPuavXUTuNq/d71XaEx4OR/wI7R+eRisyD5o+F3gXxH4Dt9Zv9U8DXF/4hbVp9U0+eG7tFRd8bII3kMmVGGJIAP8ASquvahrVn+0foM40uTXdYtfB7G4trVokPmSF9xG9gMbmHQ9GJzxz9ETaxps2ry6XHexSaltybVSWkjXH8ePuH2Y56dRWW3gHRpPF3/CUCx3eImiNv9tE0gYptACFQ23bgdCDTuSfPuj/AAi8WeHPDfwo0u402a8l0nXm1fVZYZottsXYERqWYbiFyxwMdeT0rS8O/D/xHofxJ1zWdM0i/wBJ0u/sryTU9JkaOSCS5bcIjb5Y/eZg/wDsDcMsK9u1Dxn4e0nTI9QvdZsrCwnk8qK4uJVRJT3C/wB/p1GR6ZHNaqqLuFJonW4jlVXjkSTekiMMqQQcYIxz74qbsD5Y8O/DfxdpXg/4Q6Xd+GdQD6Drk+oamqhCsaGUFSnz4OVIyB6ZqbVvh74u1L4ffF+ztvDWoPfeJNciubFFRF326ys2fvDH3ScHJ5r6hugYoWnmkWGKNS8juQqgAck9gB+FWYceSCrLIjAMrKcq2Rngj2PH1pAeLfDPw1rGn/HDXNYu9HvLDSJNAs7G0uJ1UKWiSEOuMkjkH06V7kl1mPgZqr5ZkuJSwwScnJycjIwO/bp7U28vLXRbP7VfXMdlaoyh552CouWCjr3JIAGOpFAFlr5dpzwc4qeO4/d5xVWSAu2GChgecHPPoMfQ/kaeqtlsqwGMYxk/pSAsfagzYDcYyaGvtipsGdxx1qtDGI9427iwxwf8cVDJcw201tDPcQwvIcoskgQvzztDEE4/mDUgb0b4Xnmori4KgEdKgaZkUgAbuuM9Pb61G0jzKq45JxgDNADI5iofLE/NxVv7SABxistF3QsfNj2I5DSLIpUYwGBbOMgnBGfT1qxsdSCdx9QOaALsd4u7GOnrT4XZpmYthfSqjo3mbflAzjcWAGc4Aye+ePr69akVz5ZKg8jPSgCzNceWpxzzTbeYupJ6VXWR2ZTjdx25qWG4iMUcglixMcRESLiU4JwuDz0OcdKAJmuvLbbnHvUU11lVIOBnmorhishdtojGcsxAHSkZtrBTjOSNuRn9aAJY28y4G05XvV3AXnpVS3VVkVgpUMMj3+n6/lVp/unb8x7e9ADGn2MOaZLO3JBwRUdyGO0A/eYKDkAH2GTyc1AqvIXbGAQODxgUAWFuPLZSTnIzSQ3eSc1VkDBl5xgYpse8YQryxx9KANBrxVbBPFTLL8u7tWWyllVBGzN13DoenQdT6dPStFceUAoOeg46++PSgQxrpXyM47U+zmZYwD97OKzGkMlyVCMu3k8cVatpGdACp3Z60AXZZsbiT05qEXQfGeO/Wmt8xPVv7wCk8dzwDxiqse6aYfIY+NoB7n05xQMv3V0IYw3UcZ/OnJIG+YHOe1Qt/qsbGbpztPGahWYq7KOD0BwcZ9P5fnQItrcFWILbQKcGWTJ3A8ZqizN84PzZGCQOAfSlt32qcjAxigZdZ8KDiq0EzfaZVJwvakkuF2gZ4HU+nvVeGXBYsjFsA/nQI02uli2jOSaT7YqtwQaoyTksq7DjFQT9FAVgV60wNNbpZmwHwakS6Rvl6/SsWOTew+Vtw4G0ZNLDPtUKp5IJz69qQzXknQrweT61AtwzNICfujg1TDeYixnqDnOKlj3eZIXHGOKBFiO5kaFQW3c1ZhuOoJ6VlecY2jUjGegOf6VZWRsOdu1ugDfKf1oA0kmy3HT1pJJnMmE5Hr0qmrP5P3sjqGCnn8/elklIA3n5lGc+tAF3cdhJPIqvNcO23DfLjkVEt0ZlTy+Ax2mmSYMuQf4R2PfP+FAFm1u3RSrnI7GrYuVVc5B/GsbzCqjjduP5VPu6r2x1xQBbluN3zK2KIJmmUsrBqoNL/Ci5GD1+lSabLttQVHGTlj+uKBl2SbaBgbjQsjN2xUTTLGqsePTI4PqPrTo7xZFGCD6j0oAn37WwWwe1P3NtBBBrPuZA0kZ3YIJHPfijf83U80AX9wVTnqaSGTB6/hVNrg4x2+majaba3JIUjPofrj0oEaTXqDODTPtgZuTxjNZHyPGjo7dfzpA37kksFOemeaYG0ZF3YJHIzTmI/h61js29kZT82MCr0Mg28nkd6AJVkKxlWwDVZm25ZTzWdc3G2SViS2TgAU2OWRotsjY9BQMt3N2qqSB8w7ZpY5GaNWK43DPWsts+YyFgwxnNTNJ8gy+Bj1oAuySBcZqMzKCeeKz2uDOOD8n86jz97HWgDUMq49qFkG7H5VkSXBjVVJ6Ukdz80e5881QGxuBbqKd5g6ZB/GseOYtv6/f9aduPmFck8etAGyrAe9OaRQcZ5qnZt+565J7VXuJv3zHzApXqvegDTkm2Mo9aa1wNrFWyRWZFM02GJzSSSD5wp7c0wNVZsqCW6jOKV5vLUsOfxrFeT7qAknHWppH2qvOT6UwNGO4MkeW+XPbNNkm2qGHP41nBmZQCeBQxPI3daZRcW4DdTTFuBITg/Wqdwvl7GBxnrRbqPNfB4NMCaSQLznrUMs67TzSXzLtAFZsy/vFUFizcBV6n2pAcV8ZPFl1ovhf+z9NfbrOsTf2dahTkqzcO/wDwFSfxqjN8MY18HaTodjreqaAdPAUzaXcmN5Tj5t/rySaxvDoHxA+Jl54gLeZpGiyNp+m85WRh/rZR6/NwPoa9PuFEbEL09cep/wAaYHmD/BVmVQ3jvxg7DnJ1QjP/AI7Wp4X+GcHhPUm1CPxDr2qTGJo/s+pXxmibJ3fdxyciu0ZwzYz+lMkXC4H/ANce9K4HmHgMn4e+LrzwhM3/ABLL5ZdT0N+chC2Zrcc4+RsFR/dY8V6XJcLH95gT04PX6e1cn8SvCNx4m8NrNpRWDxBpU66hpsnTEqDlPo6gqR34pfB3iuHxp4ftdXgjbbNGu+PHMMgHzxn0KtuFUgN+aYtkg4qOGT92dxpk0o6AhTjoap/2gshRBJHvJxtDru/LNAy19qULyKhe6VmwOtV23tjHPGTx74qFg+4cYoKLDNjJ6VnnliSavSfMn+1WdJG/QCgCOSZuQKqvcMMjvVh4z9DVeSA9aAIZJmbqaZuLcVI0JqPyj3oAjcFSVJz71D5R9TVhkDHNO2igD6RkbafSuK+MHi658D/DPxFrNmcahb222246SOwRT+BYHB4OOa7eX1rF8UeHbHxZ4f1LRtRi86xvoWhlXODgjqD6g4P4VBB5T4R8RXnwr1XTfB3iW2sUtLjTp9TbWLFpHkeWLmc3G4De7A5DLj0wO8fjv4naP4s8N2Gl+HNXW9/tvWbbRbmW2V42jhlO5xlwvJjRl4/vV3+i+B10/VrfVr/VJ9b1S1s/sEE9xCkXlwkgvwo+Z3Krlj2GMVQ+J/hm617RdPudPTzNT0bUYNVtoM4ErRN8yemShYDINF0SP8UaN4esbG51O+0iC78i1+wwW8lsJflJO2CJGGFZmKj5eTgEkhRjB8H32j/Bf4f+HfD3ifX7HSbiG1YAXUuEyWLOEOOVQvt5xnHAq74g8FX3jDVtP1zS/F15osEMObO2TT4n8sHrJ8+T5hJIz1UcDg10uhaTNpel29teXsms3SAmW+uolDyMWJzgD5RzjA/WpA474y6vpt9o9r4YuNVTTLbXo2e5vN3+rtFUEgHHV3KqPXLelZXwn8fXuofAuPUYhDd6roNpNYSi4ciNnthhSSo6FAv4tj3rudJ8MXmn+JtY1ibUVuftyRxRRi3CNbRpkhVbJzksxJxyTXMQ/CfULe78btb69Alp4p8x5bVrAlbaRk8veh8zrsyD0yeeOlAzF0j4meNb2/8AB0Mml+HwninT5LmBVlmU20iRpIWkPzZXDfcHc43d6W7+KWqXXw0g1O80LSru9/t3+xLq3k3tbmQXKxCWJcEnk5+ZuMA89K37D4b6jZaz4OvxrNpIPDdhLYJGbIr9oWRFRmbEnBwidB1B9ay/+FNanJ4Sh0RvEFmWTXv7de5awYeY/mmXyyol+7vP5YHbNAhPFHxY8U6RrHjqKy0TSbnT/DEMNzJcXVzNvljeNpCmAv3yoHXgEZ5zx0C+PL7xBqj6V4btLOS/t9Lg1O5bUmcRoZhmG3GzoWAYlzwoAPOay9Y+E+q6l/wn6nWrCAeLoYoCfsshFsqJ5Yx+8y3yk9e+PSrtv8O9W0DxKNd0XU9PivrjTYdMv4L22cwSmEYimRQ42kDI2kkEHHFIRo+Ffil4e8SeFNM1q5vrPQnvY3Bsr+6SN0dHMcijcRkBgQDnHI6Vg/Gj4c6HrvhvV7ltNTUfFWqPHb6VcHmeO448tYXxlFUfO2OwYk4rp/DXwx8PaH4d0vSp9Ls9TSwiZFur+2SV5Gdt8jfMDgM+TgcAcdqydW8J+OZvFd1rFj4i0GKMx+RZw3mmvK1pEcbth8wDcxAJbHO0AYGQZA7GHVLDSfsmmXutWQ1BYYUZZ7qNJZjtC79pIJDEZHqM/jzvxY8RXfh/w3aW2nytaanreo2+j28w4eEysRI49wgbHuR6Vvf8Iro91Na3t9pWn6jqUCRqNQns4mmZkAAbdtyD9OPasD4raNcapoel6japJdXGg6ra6wbeLmSZYn/eKB67GYgDuAO9AzE+Pmg6fp3wV1a0trbyIbMW8cAjdgEPnRqpOCNxwTknqSTXqnkmOXCKAy4VArADI4AGT1yK4z4leHbj4leCxp2jXtiLe9nt7gXdyW2Oiuki4AGSWxg+nXnmrnifWtftNY8MLp0Vm6312U1K1cO0vlsqlnhkGAoTLNk4zjpQB518S9Wk8T614Ontbvy9Bt/FFnawQq+PtbpJIZJXweY02eWvbO9snIr2Fb2HzvIa6hedT/qPNXfwOgU4OeOnvXmXij9nXwlrU+ivYaFpFlHaagt1eJsZRcxBXBQY/wBrYfw/Cu1m+HPh9tSm1uz0XT4dfIdodS8kLIJTHsVy2OwwvToT1oAwfCPxOn8YWI1Kz0iC40qWzlu4ZbO8DyROhAEEyFAI5CCTjJxg9a4W68QeHpNK+CviWHTbTwxpTajcXAhZ8pbxGCZiNw+9kgN7kgD36nwz8MNY0fxRd6+1vpGnahc6VJZXcGn3Lm31G5YqRPIoj2xYCnorZLdawLn4FatrHg74e+GtYt9JudM8PRzQ3ojupB5yvEYwyfuhhlzuHuOo60Aafxk1C58UfBfU73UdE/smQz2rW8c1wXmwbqNfMZQq7Mhh8vJGcHkHHX614/urXVNZ0/Q9EfW30OJJtQVLnyDGGUusMY2nfKUUtt49M1yGpeBfHOufCo+FtUuNKv8AU4ru1MepSXrAywwyq4En7v8A1uERSe5O485zs3HhPxHoPjDxdq+kR2F5beJ4YZJ4bq5aM2F0sRjLAhCJEIIIxtOR15oA5nVvFVrrXxT+G/ibw3pMmuyaloWoXEEKSJA8iny1BdnO1CmXB9zgZ79Pp/xw0288K6Fqotlt7zU5ZYItOu71IkjkhYibfORtCAqQGxySowM1keHPhzqng3xR4In0+K0vtK0DQ5tMaSS6aKSaWQozOq7Dhdyep655xzhaX8KvF/h/QPC9/YNpc/iXQL6+kNnNcFre9gun3OPMK5VhhegONpPtQIk8S/EbSPH1n8P9aRH002fi6O1u47mYmOLy45Gf96vyvGcBgw7HOO1ekWXjy9vtMGpW3hm+nimnENoHuI0a4jJbExB/1SFV3DfycgdSM8F48+HviP4iaf4btNZsNPvIE1B77UbOG4xHHCYmiEMbFcuwDM24kZPYVJHpnxNtfh5ceHbdbafU4XNla66b4CYWXILN8nE+wAZyQCAccUAdHZfGGPUrTXbn/hG9S26XeR6aPIljnS5u3cKYo3U4IUkBm6A/SrNr8W9Kk0XxDe31pcaZc6JfDTbmz3JM0lyxURRwkEB2cugGduCcHHGeV1Lwz4st/A8Gh+HdEtNE02ya2jWxbUR517CHL3CGVUym792S3JJLeuK5o/CnxVJp/iX7Np+kaW76/aeItLtUuC0TtCqD7OwCqFBCcsMZOPu5OQDp9J1ieD44eJLm80S9s57fw1G8lgl0LkyZn4aP5wASqYPTBU1t+GfiN4f0X4f+FX0ezuPJ1O0kuNO064ukSbylOSXllcDOXA6nkgVi6VpXi+68a6/4ju/DcNrBfeHk0yO0bU43kEwdiRkDG0lxktjhc9eKx7P4f+KPDmi+AL+30Oy1m/0TTJNG1HQ7ieNRJExUiWNyCqkFRyMcce9VoB11v8dtAvrPQbq0sNWvl1i4ntYI7eFHZJogxeNsP1+XjtzkkDJrsPA/jSDxxp1xdWljd2MtpdyWN3Z3agSW88ZG5GKkqTyDwSMVwuoeHfEWoeI/AGozaLB5em3lze30NjLCiW6yRGJI1JI3uAcnGAeeexj8N/D+e+tvFFl4ksL6zGo6/cavbmz1DyWaN12rl4nByB/DkjOPSpA3v2gLi+s/hJrt9Y6heabd26IySWcvltITKilXx1XBPTFd9DG0iSEq3vxnn1JJIB/HvXmPxJ8J3lx8J5/DWhWVzfuxiiUT3ALIqypIxkeVsk7VIGDycV0OueG7Lxrb2r38up6c1upfZZ372silgMhjE2DjBxzzmgBNQ1PSLj4pWOlEamms/wBmzSxOjNHatCzoGI+b5nBPBA4xXA+CLjVY/gxqutW9/dzarpOpardQPPcO/mxw3D5jkJJLKY1Zctnb1A4rfGj6jo/xc0DUYdLvrnQ9N0CTTmvGmjcmRpFkAYltzEhMZ9WGaxPD66h4I+BPiK31rTZrO/X+0njt5mjPnm4eQxKpDEElpVUj1yKkDqtR+NGh2un218kGoXsbaSmt3AtYVdrW0ZVId8sOOSdoyflNaGsfE3SdJjDrHd6iq6eNVm+wQiTybU/dlfLAgHB6AnAJryHXvBPiu18Mx+F30i61fTY/C0en6e1jexwwpehWVzPucFucbB0zjpnh3iLwxrep6Tok6aDq+g+K9L0aCHTNV010kTzlUq1pc4O0xZVWIOcCRhk45oZ6z4k+JWj+GWuBcJfXMdvFHcXktnbGVbOJ+VabngEZOF3fLycVRtfidbXvxBm0CG1uJLKHS01E6gkJ8oq75WTfn5Ytqt8x6HPHeuF1Lw7q+h+MtdudY8DJ42tfEMNvPHc28UTJa3iQRwyQy7shYiV3ZxwM8GtltH1zw38Q7i5sPD4v7e58LRWNqbUKllFPCZGMbZPyqflUAcEY9zT0EdZoXxW8PeIJ1S3kvI2ls31K2M1o4F1aqQDLFgEuPmXjGSCCAao2Px48Fah9iZdUuUgvXaKK6msZUhMi7sxbiMeYdpwn3j6V594Kt9es/H/hTX7nwv4ify9IubXUJp1QIl1mN8RRq2EQBSFAHOB161T0nStZs/hh8MtKutA1VL3R/EKXl7btZsTFEskhaXjqCJAevOO2KYHp9x8RvDmteD/Ed8urXulW2no9vezm0lgurNmThhGy7hwwIbGKnuPiZ4Z8Prp1hqGsTTX02nR3sKtazST3MQVVEmFQgk7hkDvzXFa1ZaldN8bkh0bUmbWrWGKwxZOftTLatCQvy8nef61ds1uLH4hfD29m0vU7aysfC5tJ7h9Pl2wTHyzsJ2cNtR+gqQO6tfH+hXOg2Gsw3wl02/YJatHEzyyuc/IsQG8sNrZABxtya2PDXiXTfFWn/bNMuluY1ma3kUqY3jkBwY3VwCrexr538IWGs6HpPgHWJ9P1JbLQtW1QanYLayCWJLl5PKuVjI3MP3g5UZAJ6V3vhzRNU1bxD481vSdWvfDVprdxa/ZLqO1AeZYYsTSeVIvR2bGSuTtPNUB3/izTdY1CxWPStcj0CMLJJNfNAk7rgDaMN8u3J5PJwCB1yK3wp1zVPEXw90fUtYiij1CaOTzJLdNqSorkJIExkFlCv0/ixWVrWr6ToOkW3h7xrqE3iFrsTK17dadvilAYbVk8pSAQDjoM1zXgTWrL4N/D25fWY76DRY9UmFlbNEZZrO0kkZot6joAuW5ztDYx0qQOi+KGqeMPDdrLrOh39nbxW80MMWkvZCR77eyAxtIfmD/MSAo/h5PavQZAxO1k8sjll6Kp449frxxXkfxevvC/jjSdX0Ly57jxXZRE6V5dtNHOtww3QyQvgKybiCTyRg10eoaX4vvI9JfTvFFvpghtoobq3m06O48yVQN77yQRk5BHPTOe1AEfxi8fW/gfwZrps9bs9N8RQ2b3FvFMock4+UMDwpPYE55Bx2rT03xGt1qmhpJr1hA0mlm5uNLkWNZpMrG3nZyCijceo6Z57V434n8S2+i+FPjN4f13zIdavJ7m9s1e3kYXsLRAQPGVUg7dvTjGOlbtrr2lt8WPh5IJ40h/4Rm4t5JJQE4xFtVt3U7Vb8qEB6za+PPC95d2ttb+INLnuLousEcd3GxcqcNjnoCD+Rq9pOv6Xr0c76XqlnqUUD+XNJZyrKsLYyQ5UnaQMnnjAPNfL1svhuX4K6Msq6e0y+LkYnagdY/t0mcnGQvlNz2re8aSLL4m+LNj4baFri68P2Tpa6fsUuV3eaI1HBYRkg4yen0oA9yXxp4ems9Qu49c0+Sz09d15NFcowgXplsHjJ6Z69ueKy9N8cReKdE0TVvD+paXawXd1CZorx1YtGygtAuG+WTkHv1HFec+Grjwb4uuLjXdF1bUNc1V9AuLeeGZUSO3hKHEUqiNBvD4VQST1znNcwuoaFcfC/4QyxXFgby01PTopZ1IDrhP3wJ69ShYdAQPSgD2vw54y1HVfiJ4q0K+S0a002GzmtZLeNlfbKrkh8k5IwOeK1/Fmoa1pulxjw5p1tqGqyyhQl45ihjXBJeQjkdMDAPJFeeaXdXDfFr4jWumXNm2rtpemtDHdtmNmVZAdwXn+IdOmRXbeGJPEEkE7+JDpEU3mjym0guYwm3kMH5GMevNAGR4H8Y+KdY8Ua3pXiPSdLsvsEMEhn0yaWUO0gLBWJ4J2rnp3Feht5cav5jIgj++zuFVeOSSeg6c/WuB8GSX914W1XxBpkdrJqeuXMl/bRXjvHFsLbIVYryAIkX8WrlviPrXiS303wsPE9rptnpcmvRR350yeSWBoGQiIzbxwvmYB69BQM9H8deIp/D3gTWtc0qO11CWxtnuEjdy0b7BkjKZyRjpnqRV/wAP6kNW0XTrxljiuL6CGfy1fgs6AlVB+YjJ/OvEPEscWj6x8UrLSjFBolz4WNxcW8IAjjvCHGVUDCsygEgYzxUnwV1S0v8AUhb+IbeKDxPDp8EunTouUl07yx5Zg46qd24dc/ShCPeUW3dpI0ZGMZIZVcEqfQgZPr+VK1srSMAoypCkdSv4Dnse1fOnh3UL/wAF3cdr9itdQvptDvJvD/iTSmBF+qx+YouIzysoIU7s/e4wc1Zt/Lt/h38OfFfhuTy/Ek99awTTxttlu/MyLiKYZBYjk/PnG3IpgfQHlKseTxnGOveuWn+I1pF8RtO8GxwPNcTwTST3St8kLoqsI+nzHDZPIxx1zxnX3ijx0t1qcNl4Ss41jjl+yXMeoBjK20+WShXjJI78V5TDrGv6P8RfAX2nwfcWl3Gt8WabUYZDdl1TzpCyn7y/eweue1LqB9G3FrHzkbOOXYgAepPtWC2qtq3h6DVfD1qusW8ki53uYx5W8rI4ODkqATt7+tZral4g166v9J1nwjDbaHJHPG99/aCS5QLwfLC5BI9zg+teH2NnZ6f8AfC15bMLa/GoWclw8E207/tIjIIzgAj1HXnFAH0ylokKFfJZIyc9DwO5PHQfWkms/OhG6PnAO0EA89OScdj3/CvHvGt0vwn8fL4j+zPLpeu2slm0LM+yG/XDJgDhRLgg+/1xWbqmj/2RN4Z8PzvNqOpR6fcXL2E9y6QM3SSVmBJ3I33QAeo9KAPbfs8S/IRuCHHGRj9KetqqlgBwa8a+G/j7XrX4W+GZotFm8V3ZSe3naO8SN4ykh253dRj2r17Sr6S+sbe4ntpLOeWPc9vIysYz/dyDzVASTWMZUMRULWMSspAwRVmaQqgOeBUEdx52Dn6ikMVYVHFPWJdwopFk75FUBLCoQnHH41FNax3Eu91yfWpPMVjweB1pyzI+QCC1AAtsqqvPTpTGgXccDGfen+cufvZx2qtNM+47TgCgCZbWNjg88YqYW67cAUy1m8yEFgN30qRp1XjOKooPJToRUclui9qikmy2VcGo2vCFBJ5oAsNCjKBjNM2rHwBzUclweAD2z0pnnjjcaYCyIpPIzWbq+mnUtLvrZZXtZJ4JIVuIj88ZZSu4e4zV6aQYyGqF7pflB7n86QHlvwMnis/DNx4ZubdLPWPD87Wl9EoxuYklZf8Adccj6E5r0hoV289fXqK8w+KG7wT4h0/4g2KM8EKrYa3FHyZLXnZKR3aMnH0zyK76z1CO6gWaKVZbeTEkbIcqysMhh6ggj8xTAttbpuJxzUMijcRt6e9OkulUnk5qlNM3mZ5APJ/rTAg1jVLXQNNvdTu28u1sYWuJHHYKMjHucV4f4K+C+l+MNLm8Qa8l9bXurXEt8be1u5II1WRtyjap64xzx9K6r4q3T+ItY0HwVbyMUvHW+1ApyBbxNwp/3mA/AHrXoUaxQWqxxDEUQ2qP9n/OKAPNv+GdPArYMmnXVwR/z21Cds/+PVb0v4G+CtB1CC+0/QYra8gbfHN5sjMp/FvTNd39oVlyBVSS+B+XBGaBgfQYODnn1qCYgdSKjlk2Nlec1C8u7qAKZQsjZyR2qCQnrTXlMfI5zVZ7p2bnAHsKAFdhu5NQSSYzg5pJJh171Vmm+dhngd6AJWk3dDUHm7s54xUEjfMRnjvQB8hxzQA5pVXvSeeKryZ9KZuP92gD6hkO7iqN9dfZbWaYwyz+WhbyoVDO+OygkcmrslZ2rXBtdOvJwCfJgkkwAT0UnsCe1ZkGR4P8VW/jfw1Ya5awS2sF4JDHHckb1CyMgDAdCducc49a2QhaTaFZznOFGTjJGf0PGe3WvMfhbcX/AIf+BfhibTdIk1m8+xRstks6W5Ic5Y75OBjcetUfGOvXXiW80GwvdPvNM1KS3u7yfw99t2RmJMIJ554+VVSSVCgksR0osI9TLeZvYZYBjuZPmXPfkcEgYHH0wetJFuZgvUnGdp3c+2Oo9/XivBLXxJcXvwe8DXt7e6nq/inULEWllYwXs0L3kzElXkaNg5VEUMWP8Oc4qzqVle6LZ6P4Zk8Tap4j1iO0vLu9hTUGi8yQBVMz3AbdHHGflEYyWLcg4zSEep6z41g0TxR4f0OayuRNrLSpDdbkWJGjQuynLBt2OwXvWnrGpXGk6e11Fp95qjrIkZtbNN0vzMAWwcDaoO485wDxXgekNqXjq1+CseoarfQ3lzpd7dXF9aSBLhh5KqMOASPlIBYgnnj2cuueJLHwjcWh8QajMdP8aw6Vb6hO4E1zamWPdHK2CW25YErycHnGRTA+iJGwzAHdtyRx2x1pjTCOF5M7kVWc7BztAB/kf6VzU3jWeHxBdaZ/wjWsWcELSBNZuIovsShVJ8wESFtuQOq9cV5l4F8UaxJJr2n6tqGtaX4t0/RZrie3up/PguHByt7auxI2E/LtwPv9OKQHp4+IVqNQ8NWNxpup2V5rwcW0VxDt8lkQuyy/N8pIGRgHIOeKt+MPGOn+A9JTUNRW6+zyXEdqv2eLzG8x2Cjdk8DJ614J4k+IV/ofhj4O+JLxJtZvo9Mu9Qmdny3zWqB5X77V3ljjsvviu1+JVlLF8MNDhOt3Gvfbta0n/iYSMCsqtcIw8tVHCYHAbPTrQI9p+aN2QkB1O046Z/Dp2/OsDVvG9lo+v2Wim11K+1K7ga5WCxtvO2xq4Qsx3AAbjivPdR8T654ptfiTqGna3eaFL4anmtrG3tdojZoovNZ5V2neXJx1GAD+EvhPxLJ4s+J2j6tJa/ZHuPBkd3Jbw5UI0s6swCnHPsRSGdlefEzw7Z+Krfw/NeyLqFxN9mjma2kFqZ+cxCfbt3ZGMevFdHeX0Om2c19czJawW6GWWaUhAigZyT+f5dD0rzD4vS6jp994Ou5NOsdR8L2ms2811ApKTCd3KROowF2KzgkAZLYr068sIb63ltrmCO7tmJ3LKmVIBBGQeuCMj19RUgYXgX4k+HPGlxdWegX5e4tFVpLOa2ktpFUtgOEdVO0s3buWrZ1rxFp3hy1Fzfz+TFI4gijRHkkmc8rHGigs7HGcAcYrldHsk8T/ABGvfGUb7rSLTzpVrOpLNdfvd0spPOVBARfox6Yzk+M5Zpvjp8PrNxm3trLU70KwIVZwiKP+BBCf++qAOwm+IWix+H112Ke5u9L3MryWlpLM8e3cJPMRVzGFKkHcBggetLZ/ELQ9Q1rTNOtb157vU7A6jbRmFwGtgFO/djb/ABDgEnmvMNBvJ7PRfjvMvmfY4tRvmgB3BQwtMSFc4wd/oepx3qtb6Xqd349+Gun6Rfx6TdQeDWP2ySDztgPkLwMgZ45yTjNAHvKvlcnlW4+UE/UfQVLtAZSo9gSMZHoc4/SvDPDXxa13xN4f8EWkcZOtava3c95fWcURdY7eQx+YqSsqBmJUlj0AIAJINTS+MviXaN4L0q5XStJ1bV9UuLCZpLdZQ8aRl0kxG5VCVGdndgDkDigD2vzRu+V95HQ7h+Wc4xTJo5ApVD8xJwuCM9u/bPHT8a+dPGHjfxjqHgnxjoGq6nANY0vWrGwbULK0EYvbe5eMopTPy4DYIGSeneus+KnxE8SeB11eaDUbFzpmnw3CQR2gd7x95WU3CKf9GjxhQeAc8k/dIB6uqg7e3HU5Hyjg/TmmrauykKvBPGBu/HGeTXmeseLfGl38QNR0PSLnR7G2TQU1WKW8smlkiYsVKMN43NlSM9Ap7mtXw78a/D7eC/DOq+JtRtdEv9ZsUvTCwbDnlSVwvAyDycUAbWseNdA8P6vbaZquv6bp+o3mDDa3FyqtJ0GcdQpJ4yBnFbywNuUHBYYHzAD0z6cZ/nXBfFrwtpmseDde0+OxtrvWPExEFu0gBczbQqylidyJEg8zPRdp4yRW7c+OfC/g2707QNS8Q2trqkMUEUcN07LLISoVDwOrFT3oAu6Trel60t2ml6jDfNZy/ZrjyGB8mTaGKNwORnP/AOqrXlyRkfMPLUf5Occ814/4b8U3cPxI8d+GtFlto9cutfknZbyImCO1ihhR5NuRuYsQFA6knoBmtL4mfFLWfh/NfT+Vpq2dgls8VvKpabUdzhZSu18wKpyBuyCaBHqyqZI8sy7Fy+52+XGOvOaq6TrGn+ILV7nTL+DUbMSNEZ4JN8e5ThgCOMj0rhZ/G3jCf4l3vhvRbPQfslpa2V8Z7uSYsUlkZfLb1bCvxjHHU9K898H+NvEfgDwNqGv2+laZd+ELfxHei6jMji82Pd7DIiABAq5UY5JGc461Vhn0PCpVi7jPPH8WT255A/QVWGp6c+rNYLfWrX8cJma0WdDIqcDcVB/2hXCat8StVa38XapoNhYXmmeF5Wt547wsJrx0QSTeUyHCbVOASG3c/drk9Y8fafafFvRNa06L7TPrfhFP7MtHULLdTTXQ8qFiMYOAMknAAJzRYD3GSFpECg/LvBUZ5GR19R+YqEzW8N6lvLcW8d7cKzwQtKAzhACxXkkgAgn2Oa4nxJ8RdT8IzeHNO1A6JZajq3nsL64lmFiskYTZArk/effwWOMKe/FTf8JtfN468F6Vqnh+0jutS0+4uGujKXktJljQyRIMcKdyjOcEA1GoHUNrWm/Y5boanZvawOYpLn7QphjbIBV2zgclc85wcU6a007UtUiilaG4v7HEqWwnBeI84kaPPUEDDEd/U14vZ61D4P8Ah58SdQTQ7PVrOLxXdpLp9wQkW0yRoDjYQwDFeMD1zWzrmv2nhX46arcQW0V1ql34ctYLaxQBXvbprh8Ip7nC9ScALntQI9ekgY5wWUnktn5j+PP6U3bIWKhGbI5wDnaTyGz60aPJe3VnAdRjtoLs/wCuW1kaSNBkZ+bavTPXGOD1AzXAaT8X5rrxloujahoMenjV3uIoI/tJN5b+UGKvPFt+VXC8EE43D1zTA9EeBo1YLyrDH1Pv/L6VUidLhPMhdJU6eZEwYfKcEZ56EEcYIxXJeEfijdeNL6J9N0m3n09p7i3MkV4DPazREhEni2/uy5XjJIwevauO/wCFjXdv4F8L3nhbw5BokWp+JvsEti92SY2N0+7DbCMyNG+W7AkYNAHr6732gjHH3lGPl/8Ar8H6jvT4Ld1k3nLEYxknAx0OM/5yatW5aWGJpI1jk24dA+/Y3UqGwMgZIzgdOlT+npTGO2ny9okYrjjk5HXvWfdRmRzvTA/MfkfpV+l2huTzSAzfLkWQN8w/4ET+POeae0bKAcEtkHqRjHTH05/Or7rjnrTVj5HOaYFFRJE0nlgpu9D19CfU981n6todvrlvJbXUcklsxG+JXKeYoIO1yOWGQCeecenFdAqjgEUbAuAOvrSAzkaXcMfJjP3OMZx/hVW4V/ODAMq5+6hx/k9ea2tijtR8mPujNAFF8bCJEQnkj5AQM+mckfnVNoyyqrDK4AA/z/nitgqjKfWhYxgcBjQBnSxx+T/q1PHOUHPAHP4fzp0cUW5HWJRIowH284+v8/wq+0QPVeKI8RsRxt+lAFKzs7ezV/Jt47cSSb3EMapk+vA69eTk0k2jafNHNG+n2kqvltrQLtDHuBjAPc+taL4bAFOC5xz+lAGOuk2dvOLiKzgjucYEyRhZMe7DBP8A+qr3lKIfLI8xehVsYOetWGjDYHp3qNV2sec0AU7WBLPbCkSxQRjakaDAA9B6cUmsWceo2clvc28V3byAiWG4Xej5PQr0I68e5rQI3DOOalWMSRkEZc0AcXbeGNEs9ObTk0i0Fidpa18hSjFRgEgjr/8AWoj8D+G/9FmXQ7GOWzTZausCqbfkn5CMEfMScZxziuyWx6koKim08R4I59qBHJ6d4P0TRbo3WnaTa2NxniSGMBgCckDOcdunp+FX7HwPoGk3L39lpNnaX0jNI00UKqS5OS5A43e+PWttbPcwJXmphbFmAxxQMyh5cbBYlO1cjoOnbtVa80qzv5LK6ureOa7s3L28zD5o9wAYL6AgDNbv2cLlQu3PWovsqyLtxQBBbsq4PGRzyOM5z0rlpfhn4VuLO7s/7DtY7O4m+0SxJkKZOu/r1yS31rqntGU4XmnrZt3PHcYoA8/1LStZ8S65a6Ze6XaweFtPuo7uO6+0eZLMY1wilSOMNznJrQ8ReD9A8UXVo+q6bFezWZLW8r5DISOeQehwODXVtZ7WzwOc5wP8+v51HLZh2zt/GgDmPDXg/TPC9rJa6NYxafavI0zxxE7S56tjPWtvzTGPkJZvTJx/OrHl+Twopiw7ckLzTAqXF1IzBT8qjrTrP77EdPrUv2cyMxIzntToYjH8u38aYEjP8pzVKBhuwSetWzjoaj8pQRgUwIW4LgZAqNl2yKQSPXmruxW5xQkKk8igCusgWIEDknpS+Y0zEMNg/nVryUHOKVow3OKAC1k7L92iWSNlbHJpY1EfA4pVVTkbetUUUly0aseADzxRtD5Kgg9qvrGpBwMD0pFUcjHFAFCSZlYcdsdKRpCYckZq6yjaQcEH2poiXaB0FAFFm6dqhl3AIRwQc1pSRrwQOlQSL5mT+Qpgc9e2sF9DPbXcSzW80ZiljI4KEEN/OvB7nxE3w90u88Da1qGtaWbSbdpOsaVZvNJLaE7lTcARlfu4x0+lfRn2fbMZAMH+VLIqntj360wPlA+Ira4lYf8ACb/Ee4X1i091/lHmrekeILCw1O3vDq/xQ1UwP5n2aewlaKTHYrs5r6e8sYI6j6CojEM5IxjpwKQHkvwy0vUdRvtY8WatbXFvf6tLtgt7pCjw2qFlRSDgqTySMfxe1ejJC3knPUdP8KvSKNxI4yc/X61C7YpgZWHbIVMCqssEjbTtx7ZrXbGOKrsvXI4pgZQhk3YPSoJoX5xxWqyjt1qrIvzHjigZmtBIcAmoJLU5OT1rTbGagk+bigoy5ICjdCwpr26cZGauzfnVZlOaAKjWyBs4pjRhenSrEjDpzn6VA+fT5fWgCFlG7pTdo9KcfX/69Nz/ALLf98mgD2/VvH9rp19PatpHiCdom2ma10mWWI/RhwawtU8daRq9lPZ32g+JJrSZdkkcmhXJVh6HC9Pxrv5mO0/M2FHAznA+hqpcyC3Vnll8tBjMjOFXkepOPT86yIOD0nxn4c8OafFp+naJrunafDxHDHod0qRj0A2nA5P51l+JtY8C+Kbyzu9Z0LUr+5tQwimudCvG2hvvAjZhgTj5SCOOlekyXMSK8n2hGjVdxYOpwMZzn0xUfnEsRvyRjjcucEZBHfGKCTx4WPwrszaeVomo2X2VDFA1vpmoxGNG5ZQQmRk8k5yeM5wKW4k+Flytp9o066c2qyJGz6dqA4kYs4fK/OCTn5snjrXrckzzLuXcO4Ygg/y/lSCZlwHbLd1YkEHuMGgDyFZvhZa2Ol2lu1xpkWl+Y1nJbW99DLCXOWxIFzhuhBODgelaF5r3wu1LS7DTpb/ybCxnW7t4I47uMLMpysjEICzAljluu416n5xZSN+0etPj34XGTgYJ7j/OD+VAHC3/AMUvA2o6fdWVxr8UlvcxtFKnlTrvVlKtklOpBPP9a52z1P4ZWtvPH/wkbSedZf2cJbi7uGlitsgiGNiMqvr3Pr2r12SRlLBtwwASVJzzz0z1wDxUfmSbsKxLAgHk9cZOD3HvQB5BBJ8LbeXRSninCaNbtaWUcmoyFYoWG1k2t1yuF57AVHDp/wALLXw/YaHB4sCaRY3K3dtb/wBrNiKRWLKQTzgEk4PGcV7Q25mO4/1/nUTRJ3jRj6lB/hSA8p1Kb4a6hqOp3reLrSD+1EjXUra31RIob5UGFEq47rkNtK7s/hVRPiZ4V0n4xS6gNUsbjTLrRLXTYbi0uYHjjdbiR2DgyAqqjYBjJA4969jW1gzkwRMfeNf8KRrG0kyWs7dznPzRKR+PHPb8qQHnOn3fgdbyGW5+IEOspDcNdwW+pazDNDFNk4dBgMSu75dxIXA4zzU+rSeDtcj8QxS+Plhh1pYknW212FPKVFKlYs52B85bHJ9RXd/2PYMx3WFowPXdbofw6dKYfD2kMxJ0jT2z/etI/wDCkBwnhbT/AAh4dumnT4iS6k4tntoI7/xDDKlsrAAmNMgKcAD6Crdxa+GLjTdAgTxtbNqmh4+x6xLqUEt1ypV95PDblODkdge1dkvhvRmXnRdMI9DZx/4UxvCugyZ3aDpZB7fYov8A4mgDzDxhq3hnwj8J9b0LR7+PUbq/tbqOJrV1u5J7qRG3SytHnBZjknjtW/p+g6XJrWleIF8URWep22jLpKQrPalI42UEgAjdu3LnPHSuuPgzw22D/wAI5o5YcZawiPH/AHzUJ+H/AIWLf8ixowHounxAdAOy/Xr60AcA3wh0KHRdBsrHxhcWGoaDLLJp+tWtxbi5RZOZIn4w6k54wOtYvjqKw0nxl8NtMtvErJdW97eXlzqc+y5fzHhKq03G35ySgHYHj1Hq0nw18Iyc/wDCL6OD/wBeMR/9lo/4Vh4LKlf+ES0QA9P+JfF6k/3fc0CMPVvhlo2seGdW0m61oi91K/i1K41aN4RIbmMqYyE+6EVVChSDWZ4j+Ctr4g/4SFj4yv0t9eggivYv9HfzJYlwshY84OeUGB+FdbJ8KfBPX/hEdF6Y4skA+vSj/hUfghpAT4T0gAD+G0Qf0oGY1p8Nbi38Q3+rp4qlnuLzSU0dvOtYHKxqSd+c/f3EnOMdOO9dL4K8Kr4O8JadoaXC6hHp0K28dxLGilkXO3Iye2PY46c1myfCPwVGzOPCWkEH1thxUK/CLwRLz/wiumxnuVhxQBT1n4c+JNQ8T3us2Pjq900zIIo7ddNhmWCENkRKzHdgnlj1YgZ4GK7az0kw2NnDMr3slvEkZurhAZHK9WJIPJPPHQ1y6/CHwTJkHwxp/XqEI/rUn/CnfBK4x4bsx7jcP60AchefAu+k1C61WDxCLbXG1k61BqEOm7DA7LteLAk+eMqFXa3HFO8T/A3VPFK+KF/4Sb7Hb+IBbtcwrpwcq8QQKFcvnyjsBMZyc4wwGQewX4S+Duo8PWqgd1eQH891RL8H/CHIXRwn+7czD+T0AQeHPAeq6P4/vfEt/qseoC7sYLGSP7KYnAiJKuH3kZJJyMY5GMY5ybP4OX8OjT+GrzU4brwtNqMmoy24tit1MGm87yXbcVCbwM4GWGR3rd/4VH4VH3dPnHst9OB/6HTP+FS+F16Wl4MHIA1O6GP/ACJTAy7r4Rara3Hi230bU4LPRvFLtPd29zaO8tvM8eyZ4SCF+cdQemAecYOZ4u/Z9PiTU28me0tdLg0WPR7CNYJBPatExeGcSAg7lbGcAAgEd66gfCbw2GJSLUkBOcLq92P5SU6T4T6Du3rLrSHGNqa3dgf+jKBGPrXgvxXr2h29hrFxoevxtZva30V1BIkVxISNlwvyna64JIGASeMVFpPwv1PQ9d8CXEd9a3Nr4b0yWwdroSGebzFQO/TsUBAJPGeea3F+Fej+dn7Vrwb+8Ncuv/i6mT4W6UudupeI1Oc5/t67/q9Azibz4TeIrjwD4m8PC90zz9c1WTUjMN5SJXlWRo8Y5IKKPfd2xR4w+D+seNvFWo6zcXFhZXTadDBp9xbPJ59jdxSNIk6tsHGWwV6EZznOK7VvhXp3Uav4kLZ/i125IHuBv603/hV9tGpx4h8TLk541mb/ABpCNzw22rf2VaprX2T+1NgWaXTy7Qs2MblBAIyQDjnHOMV5Hovwn8X6Xq/hG6uL7QZbjQ7+5nuboLI0975qlWnkZhnzMHG3P4nofQj8M4eq+J/FS5GDnV3J/UUw/DluCvi/xUrL026n09+U60Ac14b+Hus2njrSfFNza6ZY6rZ29xHf3Wl3BUawWUbBJHsCrg/MWO4gjFUrP4Z+JdP+H+k6ai6W2saT4kGuRp9qfyJ4/PkmK7gh2n94V6Hp2zx2i/Dy5Kgf8Jn4owM4X7cpA5z0KfT8qf8A8IBfpgL468UIP+vmE+//ADyoA6uy837NF9pKG4VFWQxqVQuRltue2c1PvU8d64yPwJqqHI8eeJBzk5e3bJ/GGnDwXrK5A8fa8x7bktT/AO0aBnZmM9uab93g8Vx7eEdf28ePtXUf7Vrat/7Spn/CK+Jl4Tx/qGP9vTrU/wDslAjtDlugP4A0M20cH8wa47/hGfFfBHjmRsdpNJtz/ICnf8I34wHMfjiJT76JCf5MKBnWqzZz2pync3GT+B/wrjP7C8b8N/wmVlKe6yaGn9JBTV0rxwrYTxTpB9m0bA/SXNAHayNs4PGaj57EY+ork49N8fRgka/oEg/2tJkH8pqGtvH46ar4bb62E4/9rUCOu+XGTwfqKcsnTFcWIfiLG2Rc+F5B6NaXC/8AtSl874hIfveEy3+5dD+poGdmZNwIxk/hUCsNwUnB96483XxCVsfZ/C0v0e5X+lDXfxAEZ26f4bL9tt1cgf8AoFAHbAg8Dk+1KW28E4/OuF/tb4hRoN2g+H5f93UZx/OLFK2ueO0I3+GdHcdwmrMP5w0Adv5m3jrT4xuz2riE8QeM/wCLwnppHcLrHP6wipV8SeMFyF8FWjr/AAqmtpkf+Q6AO1TrTrjK4K8VxS+JvGC/e8DxgZx/yGo//iKlk8VeKdnPgZh7jWIiP/QaAOrWRx1Jqwrb15HNcH/wl3iQNz4HufqupQkf0p3/AAmniFRz4G1AjP8ADfW5/wDZqAO9Vse1MZmWQVw0PjrXQwL+A9Wxn+G7tm/9nqeTxzrKyZPgXXWA9Jbc/wDtSqsB2jfM3IxTNojyd2fwrjH+ImqBjnwJ4gX/AHWtz/7Uob4iX/zBvA3iTA74t/8A47QB2O7dnikkXKA4NcTH8QruRgP+EL8Sgn+EQwn/ANq07/hYdynyt4O8TKfe2i/+OVIHXNx2NMJ/D8K5GT4juuM+E/EvP/TpH/8AHKrP8TOSG8L+I0PvZr/8XVWA6+XDfWo85UiuO/4WUC2f+EZ8RAf9eKn+T02X4mRRjH/COeJDn/qHn/4qgDsHYjpwaj8w7uetcbJ8TYFbjw74jI9f7Nb/ABpn/CzIG5/4R7xCD76c3+NMDtCw6mmF+eOlcU3xStY2w3h7xGfpprH+tO/4WbbnkeHfEeP+wa3+NAHbI2RTl+XnrXD/APCzIO3h/wARH/uGsP609fiZEcAeHfEWf+wef8aqwHcBt3bFLnHGa4lviYi/8yz4lb/d0/8A+yoX4lRiMMPC3iZt3QfYAD+r0Adv74yaFU1xS/Eh2U48I+Jce9rH/wDHKP8AhZEuOPB/iVj6fZox/wC1KBnaq22g8f8A6q4dviLeYBXwR4mb1/cRDH5yU3/hYmosePAniTHqVgH/ALVpjO2b8aA3tmuHbx9rGfl8Ba9j1Z7cf+1KRvG3iDgjwFq4H+1c24/9npiO3Z/yquzhWrj5PGXibrH4DvSP9vUIF/qahPirxc7ZTwGwP/TTV4h/7KaBnYE8+tRsw3Y61yDeJPG0mSvgu1X2fWU/pGahk1rx23/MraPEv/TXVycflDSA66XcrcdKikfOBntnGRXGnUPH7swGi+H4x23ahKw/SMGopJfiEzDEPhmLjGC9y39BTA6+TOf8k1Vkbrnj61yki/EGTrceG4l9Ra3DfqXFV/7O8bTZEniHRof9mLS2b/0KSgZ1rNwTVeSQsue35Vy7aH4wm4fxlBF7QaRED/48TUUnhHX3AMnjfUgR18i0tkz/AOQzQM6aViq56D1wf59P1qu8h2k4yPXI/wAa5d/A95N80vjHxIW9Y7iKP/0GMVDJ8ObSRSLjWNeuW/vPqsyn81IpiOnfPUqwX16iqV1cJb/66RIf+ujYrnh8LvD3mBpoby7O3B+06hcSZ+uXqM/DHwjG2f8AhHNPdv70kW8/mxJoKLl54u0Kxz9p1rT7cj/npdRr/M1kzfE7wtDy2vWrf9cQ0uf++Ac1rQ+F9GsV22+kafCO3l2sYI/8dq1sEKhYgIgP+efy/wAqAOWk+Imm3EZNlaavqPobXTJiD+LAD8zUbeLr+RQbXwpq0pPT7Q8UA/HLk/pXTlixIPPueT+tRMAOAMe44NAHL/2j4quMFdC0uwj/AL11ftKw+oSP+tSY8T/89/Dv/fmb/wCKreYDsAp9QAD+fWm7B/tf99GgD6Tk7849/T3rwT9pbUta8L6p4U8UQ6IviXwvpRmk1LS5RviV24WV0APGA2GIIBAJAHI93kOTtwcHg4NcLrWk+KI/G82r6VNpt1plxYR20+l3zvHvZWYh1cKwU4Yj7prIg8R1zxZ4OuvgZ4x13QLKTUtC1G7t1vtEMxtZrV8ou0EBtp3BTkDZg4HNQeIvEOneGP2hPB97JNFp+n2HhFrh5ppTtyInCq7D7xxkcLnjoeldD4m/Zx1PUPh74g0ewuNM07Ude1ddUu1TzEtrcKcpFAAvzH/aPXJ49IfHn7POq/ELxtPqmonTTpv9hppkEEcsvn28qLlZgfLHIf8AQmmSZX7Q+q6pqngfwTPqWmQ6Nqdz4htljt4ZvNkjVkb5CwUfMepHIHTPNdr4o/aBtdB1DxWbHSX1XSPDMsceqXi3Gxg0km3bCmCHKk87ivQ/WuY1f4N+PPEfhfwNpmo3ei3114avY7qS4FzKouY48CJMeXwwUbSc88EjIqDxN8Bdb1Kfx9pGm3NkNG8Xajb6jLe3Ep821VWLSoYwuH+YkDkcEDHekB2mr/Hyyt/FTeHtK0v+1rhLGC+P+lCGSRZVDBYkKneyoQ5GRx0zXDeJPE1jdeLfjT5Uepx6lZ6EVk3agz2wULuiaNAqlH4Uk54ORzmrXjz4F6h4u8RaYbNLWzj0eW0Sx1tbkpPBbIqh45IwmXYlMg54Lf3ajv8A4Q+LrnVvipeLbaew8WW4t7PfeEGFV+XMh255XnIJ5HSjQDL8F+Jh/Z/wKstSm1l726SS7guLe7xHM2ckXCsMsAdp698e9drqH7VGm6ausvN4W1X7Po+qDSr66jmiaKKQuygjnJGVPGPSsbRPhL4lh8SfCS4aztRb+ErNoLwi9G+UsMM0eVGVzz1rndW+Afja/wDBfjHSV06zkutb8RjV1Zb5WEcILna3H3xkce9GgH1XFIrQhkbcpAb5hg4PTP4VJ95cAVUt972tvvUqwRcqSDt+UDH4EY981OZNq8damXkA9ztYU4HpVRJSzDPJNWwOnpSAetL96mbu1C0ATL8i+tMJw1G6kPNAD1NOpqjpTs/NQA4H5c1HuJcVJwzDnFNbCsB+tAEqtuwDT/MG3HcVC3yjrTWJyDQIlbMinmoPMEeVAyTUsbetRybd2QOaBj4cdQc1LJyuKrwjqc4qZfmNABEtDDFPX5etNkYDvmgBqk4I6GkMZP1p5ww9MUqRlWBoARYzxmpM4xxSNkMPShs9cUAOX5mJo6UkbD1p33snPFACFjTJN24c0pYK3tSNIG6daAHbvlwaaVFKPu570NkrkdaAGfdPXmn43DJqMZzk07dQA9l6YOPwpCvU5pA1LuoEJx6c0q46UmeCaQN7VQEmcd6k3DbVVnoWYKeelSMn9ecZ64qKNdrHv7mnPIoX60kLrgk8UASg45zz9TTGYNweaaswYnaMe9KzD1oATAIwQD+AoIXGO3pgUcY61GyNu4NACMdoIHP4ChWB4wufpT9vqOaYSqt70AOVgrYx0pGbceelQs37zg0+NvXpQBLGV6VNHtX6fWqxwvTk0qsW4oAs7g3APfPSiRQw9fwFVl+Vs09ZAzYB5oAbtAz2/Cp4Vj4yO2KZ5efc1Mke1c0ASH7oxnj3pm3+LaN397vTWY4IFIJDnFWIk43fMeDQyqBkcH1pGwVz3qPJ6Z4pDA9Tk5B7Gl+6vB/LH+FMf5aY0vHBqQFaTcuCTVd3L8Zx796XzBznj3qL7r+oqwDB2kFiRUW4jPNSM3WonbYp55oAjblcDIH1NQtlT1z9ak3H1z+FMbnmgQmN2O1KwPXcePc0h+7wajLH1oGPLsO9AkbpSDkUbfemBMrEjOTn0FKvzNuzz61EvXrUinjjimBYaTC4pjSHHUimde9Io3d6AHxsdxPXd1pWj9z+Zpv3TT2bdxigoXtnOajkAk+8Afwp3RetNamBE0YCBSAfwFM+70HFTt6monYUAQN6Y49Kayr1xin7uelMZuaYFWRcLyc1WfG7pj3xVibdnOOKhZhjBpAQN9AVquybmPJAqeQ44HSoSfTmgZAylV65zULLweanl+VcGq7SDbTKK75XjOagkGanmqvIx5wMnHFMghY4qpI3zVL9qgmldEmjd0JyquCy445APBz/ACNQzfKfUUDI5PWq7/eqWV+OBms3XNVtdF0+e9upCsEZ2/KMs7E4VVHck4A+tAErEA9KikP061yep+PpdPXZJ4fv4Zi0KhLh0UESyBFYFSwIBIz6Zq7p3iKe71/U9NkgijS0ihlSUSFmkWTdg7do242H1oA2WNN3Ubs54xzjn6n/AApm6go+kZGG045PTkZqB5Op9yMZzt6evH6GnMQzcHBPH19q848VfEuBPGi+FbLV7HR5YYRLf6leSRZg3f6uGFGPMpHPPT3rIg7+QjB2n5ugYp37c4/wqDcsjBXXKlsIrDv0P159M0kNu1rGkM0jySRgJJJMFDN05Y4AyQevTFc3oevS+IvEmqQ2cwTS9JnFpcSlfnurnaC6ZJwEjDoML1OeRjBoR0Mmwtx06cYzjjuPxqF4yS20lQwx14B6DFcn4J8Vanrfi3xrYal9jFro9zb29qLSIqQrRs7BuTk8iuzZWYMFG1tuVPUZ98ZwM4qBDAgDbwv3jnHfoOc9e/X3prJtwO2d3TnNcPY/EyO6+MU/g5bdlsksJGtrqRP9ddRlXmRWHGFR1yOxB9K6rUvE+jaTIY7/AFaysZRGZSlxcLGdgI+bk9OetKwGhDEqggL8pH3QPfk0bm3YcAjHB7e/f1x2qha+KNEvJrOC31nT55byLz7eOK6jZ54+paMBvn4z0z0rNXWnj1TWHudU0t9OtkhARXCzWuA28zMTjnAIFOwHRrOsa7T+HAz+dG6SYEdF9KoafqFjqUssdve2tzLDgSpDOrtFu+7uVSSuRk8jtVi01C1uJp4Iru2luIRmSCOdWkj5wN6g5GT7UtQLECsvGMgVNuePryvcjtSfu2wF+6cA89f/AK3vXLeAfGNz4uk8QRXWnLpsmk6jJp3krL5m5lVWLE7Rj73TH40gOtjmD9OnrS+Z82P5nFU7gCD59wjTGSznaoGBySeAPf2qprE2rJppm0aG0vbxXTEdxMEj8ssA7FwCMgE4HOeKBGyzbQDnAPQk4BpVYn2rjfD/AIuvNY8eeKNAks/Jg0lbdorhWLvMJVZgWBUbcBenPXrS6h4wu9O+IOieGTZIbfULS4uTeNLl0aJQSuzb0+Zfmz3qgO0ViSRnp68UjTBcHNVglztJcHAIAOOCSMgH3rlvCvjS48Uah4ms5bE2v9i6h9hYq4kD/u1ffwODhh8vP1qQOxS5De1K0w4ycE9KyoxJ9ndwrOMkAqCV9uffr9K5+z8aC88eS+GPsE0csFguoR3TOCJVZygUKMkchuvp0oA7VpNuM8VKGDKBmstZJJJgecsMqpwOMcZyf07VFqmqXVjNYRwaXcXy3E/lSTQuq/Z1wT5jB8HbnC8etAzXcYYgNkimKd2M8VwOp/GC207SfF942i6gf+EZnSG4XfFulDDIcDdwuCpz712EFw1xbRToG2PGJQD2BGeSMj179qANNT2FSLJtU/zrNW8Hkq2D83Tkc/TnmsDxx42t/BPh9tTvba6uIDMlv/oqBijOwVS2SMDLD1oEdY1zxk9M4FCuJGwOKynJjVVLMfmwDkc88GrcSnbknr+FAFw5VvUGpUkPGWqnbXG8SDOUUZJxVHWtfj0HTZ76a1vLqOFA7Q2MJmlcZA+ReNx59aBmvNMVYHnHrSLN3LcVkatrRs7Ka5EcskMMfmt5cTOdoGWGAM5HAx9azdB8TWHi/wAPafrGlySNZ36F4vNQxvgNtJKtgjn0zQI6nzRnj0zTmn6YqlaTeYoUcNjG0jBPvz71l+KPG+ieC7aKfWtQW0jlJ2BY3kZgOrbVBYKOm4jGe9AHR7vlyaFHOQKq6fqFtq1lbXdnMl1Z3EazQzQncJEPRhWLqHxG8N6V4gt9Cu9atbbVZyqJbOxzuOSFLAFQcDoSD7UAdLuzxTs7cc5qKNtuS4wR1z9D0/KsvxF4m0zwlYm+1i9i0+yDiLzpyQpc9FGM0DNMsTmgNzyKojWrJtal0lbmM6lHbi6a1z84iLFQ/pg47En2q35mD69/w9aAHiQE46Upao+e5x7YOf1/pTCzZ6Nj0IOT7Y/xoEWFbtTZphDzVSTULe3vIrSW4ihu5lZord5AJJAoBYgHqBkfmKrNqlrfJK1tcw3KwuY5DDIG2sOoOO/I/OqAufbfM3DB49qctxGed2faomkiVWLMFwD95gM4HOM9eo6etVHi/dtLGyvGWwCpz0659D7VIzQa4+YFvlH51Gb0ZwDx61FIpa3GDn0qvGTwMghjheQM/mfWgRea8CqcH5R1pPtg2Bv61lMxZ5QOQDgH8T/hQwfYu1ifbFAGst4GUkGpY7jcuQeazVmCKBjtzRbmVs7Tx2oGarXFMZt3JqlJcSRsMggdsjrTPOZmz39AaALzOq05W/Ks8SGTBwcY69qsRSALgHIoAt8bh2pWYKuQefrVYzY/+vTftAbjv7UATxud3JyKmjYZqisnX2OD7VPA+GyOaAL4+XkU5X3d6buG0c1Gv3utAEp5B7Uxfmah+R3/AApsbbepGOmc/wCe1WBL070373Sopn28ZwfTvTI5hjGSD9KAJZlIxVGS4WOcRk4JqxMzNjOeuD04+tZNxMouk3ggkZ9cHpikBbW4RpCucUGYdulUlm3TOg9Mkc5HA/rTo5F8shuCO9MCzJKqjOeKpvcLJnnAFUpJGZcZOAaknbfBnjj0oEK16A2MEj1qZJ0ZS3aooQFjxwc+1VUBkaVc7Qp60AaDTDaCBmoWuFyKqSMyw4BzU0e3y89DQMsrMrEgHmnZ96oRyfviB82atqeOeKAJl9c08NxVfzOvp605ZO9MCzu+WiP71VlmVmGDU3mbelMCc+p4pokHmYPAHeoxKWzzSSSZUD/JpjJWcN0pu7a3rUa52sVGQOQw5BpzI28/KS2OFHU/T170xilt3HSoWyKa0gy5V1YJ97acnpknHUgdOO9NkkPQ/T6+pHqOlACbutMZhgmoLq8t7GEy3FxHDHnG6Rgo/M8VWvdWtLOza4uLqGC2Az9okkUR89DuzjHvQBPIxbgGqk8yw/eGTWbP4u0WO4jh/tix86UZij89d0gycFRnke/vVK68VaRcas+nQanaz38bFXto5AXXGMkjsOeKANRrgMxAqCS6Ctjn61WlyJz2OOu4c/THWiGQ/Z2JIJHqQD+poAlmuht3A5qrJdbV6ZqJZPmUtwCeOlEzfOFyPf2pjEaf26/pVW93tbzLG2yRkIRiBwSMBsH0PrWZ4u8X2HhOwhlvGkae4IS3tIBumnc8bVUHP4/jWF4bj8S6o13qWuSrp6zoY4dFjGYrcdi5+80nrzigRwPgm+ttC8R6Zo2u6T/YXiWzhmjiulUCHVIgMF1foT8oJzznJ71680jdc5Xj8sVxCfD+8vodGttf1CDVbLTcmOL7P5bSsYzFud95z8hIwMdc9agk8N6/4JwfDkk2saOMk6FeS/vIe5+zyHt/sNnPQHmgDvshsHr/ACrhvilcC30fT7oMDFYavaTXILY2xhsFm9AGZDz25qnN8UF15RpHheJ3150JuBewlBpwH3mlU9WHYDjkHOK3tA8NWuhaZLaszag90Wlu5rr5zdMww7MD1UjAx0xxQBgfEzULOHwjqKfaI0KrA6Om1diG4iYFTwB03celY8dn5firXrWz1W+vLi60iCWKZZlkmJV5ThWAxjlPwb3rsrfw/plhC9vYada2kDNvdYoFAJxgduw6Z6VNeQrcW8tu0kkG4cSQnYyngg5x6qOPQYoAg8OXpv8AQ7Kcsz74IyWkGHLbVzn361oVFa28drbxQxLthjVUQE5PAxkn1qTdQUj6JkAZWGM5GMf56fXt1rwjX9Gt9N1D4r6ZrGmvf3viBjcaSxt2kFwrQCNFVxkK0ciEnOCAM57V7vt3Njk+uAaY8j9PMJI5AHY9GPAx1Ayf0rIk4Dw/4P8AF+lw+HoZPGJt7fT7a0t7qx/s+KbeY41Eo85iW+bn1x71l/AuN9P8I6xFdHyrxNe1H7QZCd28ykgscf3Cv4MOOa9MuFaMZKkKB6HB75+vTrWZZ6ALTxBf6jZeck1+qNc26DKSTINqzjH3WIAB9QB6csDgvhjdw6l4g+JNxa3Gya41oPCWjPzxi3jVZACOV3A1d1TXNc+HfhvUtT8Q69Z64/lBLOGPTVt2M/PBKs2VJIznoATzXeyNtYh8gBecngf7Rx+NVGnkkMgxt2HLkLuxgfxEA/p2qepJ8/fEHQb34d+H/CPiR9dj1caDqaTqkdosbXKTE/aCrg5fIZyeD09q6TUNU8M638dNBvJ7iwvLaPw5NcLPMFKjdKhTqOuwE7evIr1OEvt81A2zoZF7c5HI46E8HP5jFOtvLwqMq5B3HOMjoAcHnpkcZ7cUwPnHwtLoVn8P/htLG+nW1/P4qWaWbcqyovnTE5YYO3aYx81XfGVxo7aL8eNr2Sl5LWKFHkXmQQoodcNndvZuR3HTjNfQK28fnN+6jZSMZKDrxz+QFTXNnbyxszQwk5z80anOOhORyfr6mgDwm8t4dB8ZXUPhOO2h1BPAk5gjsdu+aUuGjOAcu/GeSST2rR0v7FqA+D154WeD+1VkQ3UkHEjW4t8XH2gj5iPMAB3nhiQOteyx2Nsmxlt4UYDhljUMOxwcen4e1Ns9NtLG4nltbO3t5bg5leGJVMnJOWIHJ5PWgCh4Wm8WNeTpr1vocdksWIW0iWZ3LZGQ+/0A7dzXN/Cu4Nxa+P7uxMNxcP4lvmXzHPlmQKuzeRnapIH5GvQ2IZQHAfrlXGQck5/Tj8Kq6bo+n6Sso07T7ax8zhvs8SpuA6bsAZ6nOeTSsB534zj8Xa94XXT9Uj0HR9Tnvrf+zoopnntruRS7tbzZVdqsEx361xd1JZ6t8P8Aw+6aMNBvYvG8FtdWKSlrdJvNUSiNhwYzjgcgV7tq2l6dr1uIdUsodQtt4kWK5TeuRxnHY+mexqlJ4N8P3FnZ2suiafcQWrZgja3UiM8crxw3H3hzzQI8Q8VaoI/jL4rt9Zjx4Qvr7T7HVrxVHmQuIMw+YQPljMjYY/hXd60raX8WPDkWm2UebHwzqM9vZxpu+bdEFQLzkEhMevXjt2cngLw5eLfPJoenyC9ANzvtFPn4O4GTj5sMQR6YpNP8EaFZ6pBf2+kWsN3bRLBbzRxgPFGAQFU4zgAnA/nQB4/bNP8A8K7+HvjLTbiR/FGo6nbpd3kczlrvzZGWeJgD8wRQ2AR8uys/xNpgbT/ih4nhubyHU9P8URfZXhuJFSBlNuN2AQpbBA5znmveLHwToOk6pJqVlpVpa3srtJ5kahcM33nVfuozHOSoGc/nSuPhl4WuLW7tm0SA2t5KLieLzJCksoOdzANgtnv9PSpA8w16yv8A4geKvHGkNq1rpdxov2eO2aRplmtI2hEn2hQjqD85YEnrgCsfxlrl3p3xGP267kNhdaHpdlqeuQAoYEllkJn2k5AdtoL/AMG7ODivZtW+F3hTxBqllqWpaHb3moWoVI7hmcHapyobDDeAf72cYqW5+HXhrUrvU7i60uO6m1OD7Pev50oE0Y/gIVhhQegHSgDj/iParotppNnpt1qF1rN0n2LR9NTUZwJHZi7XMro25lTOWY5GOAOeIJNPvfCesfDDSF8TanqMj6hdQ6lNJelhcMsDOTIuTyD90EkgAZHcdj/wqfwwklnNFZ3VvPZQfZraaHULkPFD2jU+ZnaP8mpI/hvo0d3pU8cN08+kzSS2rfbZiySyMS7N83zFhwSecHFAzyvxqxXwT8eXB8tpdSjg6/eXyLdAD7/Nj61v+DvEVx4k8O+I/El5rNzoVxp6S2slhMzeVo3lxkKzxZwzkASA4wdxAGRk9befCbw5qVnrFpPDePZaxMJ72Nr6bbcSDG0n5j2xn3UHtTpPhL4clv8AVbp4Lsy6nb/ZL9WunK3MewJ84JILAAYbqDzQI8+8J6prtv4sudMOparDZ3Hhoanvv5hJI9x5gX7RGrFvJ3DohI4PSud1Sz1vWPgLpGs6h4p1HUrzWm01DDcFDFDI14m2UKFB3cdTwQDXrFp8F/Den3kd5A2prdx2bWAuH1CWSQxNnglickA4B7CrTfDHQ28Ep4SaO6OiR7DDH9pbfAUbehRj3U9M5xzQI4DUdY8R+CfE2u6NP4ue90+fQZNVh1DWEUtYTrIYzyoG5Tn5RjJIOMkczaB4u8QR6x4v0salqcdpbeHY9VtJtUWNplm+Yb0GPlVgnCPhgBnFd9dfC/RtX03VrPUTdanJq0aW93eXUu6do1PyKGAAUKcMMAcgk5zisk/BXRba8nvI77Wpr26s10+4uJb9neSHkHdlcE8kDOQAeBnmgNTjdD1PxdIfhnIfFt20niq0cXiNbQssJFssu+NdvD9snj2qfUvHXijTfhZ45uY9ekl1bw/rctlDqUlvH5k8O+EAP8u3d+8OCAPu139t8LbG1bw08eqakv8AwjqNFp6tIjDaU2EONnzDZ8vaq03wa0u60bXNMk1bVvs2s3v2+7xLGGMuVY4Pl8KSqHH+yKBmfrGuah4u8W+J9FstWl0W30GwhZp7VEZpp5o2kUEupGxVCgqvUk8iuJ+F+uXbeG/h34atrptM+26LNqNzdwxxu/lo5AjjDqyhiWYkkcAdMkEemav8KodS1j+2LbWtU0jUZrJbC+lspEAvol4HmKykBsEjIx1qlYfBfTtKsfDUen6tqFjqHh8PHaanlJJfLcYaNlK7WXgYBHB55qtAM3wv8Uhodv4ht/FczmfRtWbTPttlZSN9pXy/MidkjU4fYDkjIyB611mvaxPrng641bwraWupX11bMtr9uDW+9CGGDuXcBuA+UgDOK0PDPhe28LQyrbSzT3FzO91dXk20STzMQS5wBjoAAOBVDxBp2qy6ktxpniO80qMReVJaQW8cik5JLqWG4Nz1ycY6VIFH4H3FpP8ACnw5HZW81lBa2/2Y285y6SRuyOCcdNyuR7YNYPx3I03QdOuJPDq3/h6HVrW/1W9tmRZ4NkilXC4BPO3JJzjPFaeq+H77S9H8M2Xhe/uNN+x3qNLFCqvFdRFwZVnZvUF2yB94jpUuteFdR19ru01TxFJqWhXM/mtY/Y4kbYHBWLzQMlAQO2TjrQM1Z/ip4YtfEUeiXmuWttrMzxpHaSElsvgxgcY5z1zXkvxS8Uav48+Fesa1Zz2ttof9opaQWkluWmkjS7VPO80HAYuucY6cZOa9zWNFdMBe3CqOMAYx7DFeTa58D9QfRtW8P6V4qjs/Dt9frfpZTWXmyW7eYsjqsm8HaWXOMce9AjoNU8cazD488RaSttpzfYdETULSd1fe7l2XbIwOcAqeAB19q5zRvjD401Gx8FXsun6HJb+KFaCGCOSVWin8tnDsxDAoQrHbjt15yOh1HwBq134s1LWl1m1d7/TF0w/6GwK7WL7+H5O5mOPfFZNj8KtW0m18DWcWr6c6eF33oZLaRfPAjMYBw/y4U9RmnoBZt/i7qGn6FrJ1mwtP7b0zWU0RUsQ5guXdVZGCnLAYYnAznb2zxjeJfix4nb4f+MpYdOh0+706GJoNUSCWO3uY5SEfyw+GEiFgMEnrkdMVd1X4N6lfWfiVZNetra61LVIdasb60iYta3ESqEByfmXCkduvtVu88B+J/GHgXXdN8Qa1YyatfwpBA1hC32aII4fJySxZiq5YYxzxSA1ZPEV1H428J6Lq2jWE1xc2d3KmqwuXMbRoAwRSoKhlK5yeQPaqPwcjtLKy8Yo3k2kA8UXwVd6oinKjCk98A/lVv/hDfEd5408K65fy6TMul2tzb3KxNKm55sfMuV5VQqjJPPPAzTfCfwzMmn67Y+LNN0zU7XUNWm1WONXMygy8kEFQBtx+O7tirA3fFPw98O/EA2c2uxC+s7ZXMcYmKRD5vnkyrcnC469qxfgh4fsdF8Fie0hNrb6reS30cckmdkTuVhXLHP8Aq0Q8etb2t+FTa+A77w94atobCOaI28MKHYkKSNiUj32s5/w61Z1bwLofiLRrXStT02O6s7XZ5MaO0YTahXgqQcYNQMr654r/ALP1uz0fTdPbWNUmt2vhbrMI0WFWC7i+DyW4Axya808ceKtM8YaP4K1i1jmtZbbxTa2VzBcNslt5FZhLE4BxwR16EHtXQah4DuPBPjbTPEPhjT/ttgunHS7rSxPtdFWQyxvGXJ6MSCCeQc5yMHkfEfwt1LUPDkNhLp39pSap4mbW9ShjnRVihcbTErEgs236c81WgHfP8QrOHQdQ1qWwu4tGtZjFBeMV2XbGRUBj5+6S2MnHerH/AAnNrZ2l/PqVhd6bPa3MVoLVirtcSSBfLERBw4bdwenBziuR0bTfFlj4J1DwvrXhv/hILW1dLe0mmlhH2yy3j5HVWG2VVyc88qKxI/hr4jtfDt1HpYvTp+m6xa6poWk6vOpmEUWfMhLZOE5wgJOMe/EiPVdF8YWOsaxd6NNZ3Wk6zaxrO1nehf3kTHAkjdSVdc8HByDxjvWtrmsQ+G9JuL25jZkjXAhx88rE7VRV6kkkAADvXAx+Hrjxv42bXLyy1DQ7JNH/ALOAciG5d3cSHBUnAVTgdc59qvyfB22ntbeKHxL4ihaG5+1RzG9MkiybCgwXB7H88GqsMpfCPVNY1XxB48i1q5aaeDUYV8lTlIswK+xP9ldwHbOM4FbXxL8ZN8PdCt7xbK4vZ7i7htkWGPcF3sM575xkDjqRXF+Dfhhq+leJPHb32t67bW95dIkEzyIGnXy0YS5A++uCmf7pxirvjnwNf6X4FeKyv9a8VSw6vY3rx3LrNP5ccqMwQADPAJ/CkwNZvFGmv40fF5q0N9b6Q11LpJtpFUwhlJk8srzJlgMA1p2vxG0Ofw7ba7DeS/2XPOLeO4+yyne5cphQFyeQR25H41gW81ze/GzT9TbTNQtIW0OSEvLbvtSZphKqFjn5sA8Zx0FZ+j+Fb/T/AInapoaoo8MwS/2/a7OkM06soiwegEolcenB78OwHXyfEjQDq6abLqIW6NwLPfsbyPtBUEQ+bjbu56V1DfuztIbAKk8Hpn16djXzZ4xkvpLq+ifTtRgu9P8AE0Ux0+2sz5HlJKMXG9R+8ZvXJxmvZLXRfEMeuW+op4mkl0l5fM/siWxQbUIOBvxvGCaLCG2niLWk+LV9olxcx3Gm/wBkJeQRRxbWVjLt5IJzx/OvQLXd8qnAZjgDnrXk8WoW8fx/ddwKyaCLfocF1n3lAT32gn2rq307xTa6610uvWs+igktpP2JVdo8H5BKGzn3xRYDa03xlourasdOstUt7q9G5hBG/LKDhiM8MAeuCcVDJ8RvC6yBD4i01HLiMBrhVLMTgKM9T14r580XxFp7at8OL5Jlsobe6u4n0yG3Ij00vGQIiSMkluSTxzW63izw94p8WC8uJ7W28NaCWTT7Deiy3NwCQ0pQ4JAycDB5wcjFAz21/GGkJqg0ptUtBqbfILQzLuLYyV64zjt1rktF+J5t/GXi3S/EWr6bDbWNxAliZMW5KyR524JySDx+teKeNfFGlXkuomOa30uO28WW8k2nsjNNlJkEly7H7oIGQAcV0d1F4b1Px78RjrosZY7q1s5YTe7fMeMQEFo93J+YryvPPbrTA9y1jVJLfWNJSLVLOCGQyma0lIaW6BGUMeDkY4J4xgHmrFv4i0yW+Nmuo2ct2HCG1S5TzScZxtz6fka+e/D9rNpd98GYdUKJq0Ylt280/P5bQN5aknk9VHPrVnS7g6P4s0swyWviXw/farOLWQ/JqGmXTGTzEcA4ZBuI5/hPGCBQB33jbxh4j8M+D9d1W21DSdRe2vVVHij3bLZnRdj4YgSDfkn0BrsJrqK8kdLa4tVv2RnSB5B97aCPlznHGa+fNSlsofhn8U4reS2itl1tvLRWO1VLxbcLnkDafyruPhDq1rJrGrWetRRJ4yilWe4uJCpF3bsMQzQnsm0HKjoaBHUfDHxTL4s8E2mt6l9nt7gtNHKUOyJAsrAEZPotdRG9tdQrLDKk8TnCyROHU468gkV856DqjW/gHwQtwM6AviK5h1Ej7iKZXMe//ZyQcnivRfCdp/Zfxf8AEEGmqsOj3Wmw3F1HBnyRd78EqB8oJXB4xQB6O0YVNoHFRi1Gc5z7VY/WoLm6jh25OM0DFePaMjiojEu0g9CcmnPdKVXnOaC4257UAReSNuwDIprIqKc8AUjXajlTmmTXCtET14oAljwFBXuM0i3G5mVjhh29aZFIvl5B+VRyew4zknoK8+1r4kvrF1Jp3gy0/tvUEys18wxaW5zjlujn2B645oA9FuL63s/L+0XMNtvOFE0gXcfQZ+8fYZqs11NLMURWUDqSOn1Hb8a4DT/g/aa0r33jC6k8S6pcLsYzErHCPSJVOEx6jn3o/sTxd8N1xo0s3jDw5GufsN5IPt1svpHJj94B6MM4H3qAPRGh8qPeWIb1qVboqvzc1g+EPHWj+Obdjp1wftEXE9jcL5d1AR1DxHkfXp71tyRrDCZi6xxAbmZyAFwe5Jx05qgLMNwjnhs5HFJNqFrbXVvBNdQwzzk+VE0gDSYGTtGeeAT+FeX33xJu/ENxLp/gW0N9OpKz6xOhFlB67T/GfbgZ71t+C/h7a6ddDWdVuJNb8QyY8zUrzBZfaNRwij0H50AZF5dJ46+L2raFe5k0bQ7OEx2QJEcs0oLbmAHzKADx61m/FDTW+HHh2+vvD9xJZR6tNbWAgVyVt2aRg0ke4/KCDjHbrXU+IfA+oW/jE+KfDs1ol/NAtpfWN5uWK5jU5Rww5Vx/ewfpUuteCbzx14f1HTPEs0NvBdxLHHBp7FxbspLLIGI5fOOcDpTGcx8R/DNl4H8A3XiPQl/s3WtFWK5jvLckNMVYCQSHPzqwzkNnk8Vu33jbxDDb2U+neDbjWIZraOY3EN7HEu5lLMmG9D/OodU8G+JPEGkf2LrV/praWxT7Td2SMs94qkHaVJwmSq569D611sMIjgCRoFjXgBQBgeg49MUxnN2+qal4k8P6lF4g8MjSl2sq29zMk4dShO7j0/pXjWh6pdeAfB6eH9cf7R4Y1jS2l0u/m+ZbeRoCWtnP1yy5x2r6E1COWawnihdYpXQorOCyj3IzzXGt8O7XU/Ah8La666jbeR5Hmxp5bfL/AKt8ZPzL656UAcd4gung8W/DS8tNOjvLl7K6j8pZI4iMxRt95uOBk49vepNBkvb34yeJ5Z7JbC7l0mzdYmmV8ldyhiy9jxnHXNdddfDn7ZfeHL06zcRNoalYkWFcSbkCSFu/zAAe3vVq38BrB4wfxI2oztdSWwtGtzHH5RiHKgYXcCCM5zTugObmsfibNM7i/wDC8AzgYgmc47Z+bGa5/wATn4iaReaLFL4k0YJqF+liWh0zIjLK7bvmc5+704617PzGvfHqWOR+uK4T4oKBH4Ym5wuvWzcnoTvX+tIDHXwf43mjPm/EARg9I7fR4VH6saj/AOFca+y7Z/iFrgz1FvHBF9f4DivQ42zGc9sD9Khm+6zdwOKAPLfhr4TgtNf8RXWoXE+s6vZ372sWoX7b5BHtUgDGADhsZAr0NY/L6Hj0/Gub8J4TxX4zjJ5GphvrmCL/AANdSzAUwK7EZ7/kDUDHau0quM55Gc1Zky3FVrjPUjO3nFAHlWreEbXX/iJ4iuPMuLLVYEs5YNRtJNssOYWU+zAiNcqRzz61u6XfazYWOoDxC1o0Nmhl/tS3+RLhApJd1PKNgcjp6Cpo4xD8SNVB483T7Vzkf3WlXP6VW8f6bcav4L8QWVrGZryaykWMdWdgNwA9ScYweue1ICjqPjK/tdMluk8PSQwtBJPbyXNxgPsTeA4CkoWHI69D6UyPxBe3Wp6HCEtxbapZvc7FBLh1EZABz38wdu1SL4l0nU/CTNBewmO6sW+RGBZd0TZDf3SGDKc4+YgDrXJ+H9Pt2m8F3UAunaewlt52d5pRGzRRjBySE+ZW6EdqYz0qN2UbWBBwDtI5Gc/4U/Nc/wCEQ1vYTWbxyxNZ3U8IilkLkKHynJ6jawrf59KCj6NXmRQQDyOCM968i+Fug2mqaF4h1QQC21PUNW1O3k1KIAXAh89lChzkgAAj8eK9RW4KSIzcqGBP0zXlXwsu9St/hJZ32k2MGpXs91c3MdrNN5IkEl3I/DEH5tnIyOuKyIKXwr/sez+J3jGz8P391b2NvbQLNpF5JMWNxvJa4US8lduFyDg56Cu78YeEbfxpDb2N9c3kWkqzvJaWdwYGlfACFnByFQbjj1IJ4GDk2Oi31x4rvfFt7p8FlqjaaunWti1z5hKhzJukkxjJbYuAOAM1k+MrzxtqGi6RBa+FrOb7REzavbLqiRAMcjyEYjOCOrY5BIwM5oAs/BgXsPgySC5u5r+xh1K6j0ye7Yu7WYk2xkngkHaxGeoxXKapNceM7j4iXf224tx4aDWml+XM0XlTxwmRpWCkBmL4HORgEd+O407V/E0Wk2sk3hyyiumvEhaxt7+Nks7XHzTNIFAbHoAMAD055LWPButWreOtN0y0FxaeKJjLFftOipaGSPy7jzRndnGWTA+bI+7igkrajeR+IbP4XeKCktpqOsX1otw0M7xh42jkd1KghcMwBzjvVPwj4+s/BeseNYtUi1i6s/8AhJDbfbVDTQ2YZYlUO7twm98fLnGc10XijT7bRL34ZaTah/sdnfMiMR99YbNwuPwPfHPeuR1Hwt4im8D+KdNPh68S/wBU8RtqSQmSIgWxnjkySJcA7UxtHXNUI9P8TfErRfBk15FerdSQ6f5f9o3dvGrxWW/p5nzBicEHCBuOfasrXvjj4Z0e71CyZNWvZNNRJrprKwaVViYFhICDjaFwcnGc4Gea5aTw7qNl418SeZ4ItfFFlr90L+w1i48hvsMjRqrRTbgSqqVBAXJ4wOtLY3FzYePPiXY2ek3l/NNb2VpbGziAi3ra7QrbjlFzICMjAGe/BWgzro/ihby+MPD+i6dFdX9lqlidQ+3W0e9GjO0JgkjABfLHsB3zWro/xJ0LWtRtLO3u7oG7acWd1JbsILvyR+9EbdyACcYyQrHoK4jw/wCCda8A+JPBMdvp1xqtvYeG5dJNzCyrHHctKkhDkkbR8pAIz0A96w/DOm+In8ZeCtZ1bwzrRvLMXqam0kaiGF2j+XyoVbCxgliDtBY9Sc0gPRtN+MnhTV7yyhg1ScG6uGtFkms5kjSYEr5bsVwrEg4Gea7q582O1nCLHJMI22RyEbS2DjdwcDOOa8C03SdUi8C+HbWbQ9WW5PjA6ncW72jllt/tDSCRiOOFZOfQ9K9Um0K98O6pqGvXfifXtRsEE0jaRJ5bxhTk4SNVDsQCCB6igRzFve+L/Dvjvw1Ff6+Ne07XfOjuLJrVIxaPHF5geLaM7RwpJznI6E4Hb+Mr650/wbrV5YXTWV3b2k08U6KrFGRSwODxg49K4fwf4w/4SDxMk974Z8QWur3m63ia608xW9jB98osh4ySoYnA3Me3SrXjDw5rfhvwP4sluPFWo+Iop9MurWCwlsYyVd1Ozb5a7jyQuPxzQM2vBvjG3k0Hwxaapqay63e6ZbXciGI7yGjGZG2qAqk56ntV6x+IGgajevaWmsQvcCKSba6vGCiEq7qzKAyqQcspI4615j8J9ZvfBMGo6Dqlle6lPcaemoadeyWku66URY+wzttIWRWUqvIyD2NY/hHVoh428B6jPBfQWsOmXiTW39lyR2dhKfLPkxgJwFHUsSSVzmmB3Pj/AOMumjwVrNz4T8TWEus2sH2mNYgJS0ausb9eAMt97kCu78M+ONE8U+dDpmtWWqXNsqm4igmV5EJABJVegJ/nXg1ppUd1+zLqhhst1+xmluo/sx80brzcwIwGx5ZVv90E1o+J9Jl8U+IJNW8CtDKbTw3dWgvLFSqTSSFVghDAjLjDHHUHHNToI9x0vxhoesalJZafqtnfXsHzyW8MwZwoxk47gd+3riuW+HPj6S+0bV7vxJqOnxPbaxdadFc8W8bCPACYY/ePLY688ZriLG90/wATw/CMaFLGLvRZo571U+VrGCOHZcCYHlNzgLhsBie+a5T4c+KLfQ/FUd9rtxa3Og6lrGoRWUjuP+JfeGViJJB6SIQA5+7u29OakD6VuPEGlJfR2B1SyW9m/wBVbG4QSPnBG1c5PWuZ8T+KtV0Pw1411ayv9J1H+zYWuLKGNDJ9nVIgzRzbWBLHBI6YOOorzu61RLP4iJc2F5Y6/o2peIIYr3R5iovrK8XCi4iwSWixHuwRjBPpmqd7fadb+AvjrLbXNqVN7JGBG6HfmFEBA7gktj1I7daAPZbTUtT1D/hHJBcabEt3a+beW8oIeWRoUdTCARwp3lhz8uazfhr43uPE3hy6vNal0+0uIdTuLFfJbyYiI32qBubkt169jXJNJpkfxa+Gzx3FmtyNDuiZfOTLJ5cQQFs/7+Ce2fTnz/4WeILaPxHZN4ma1uNC1LUb7+xp5ChhhvmncyLKCfvspGxjwBwOuRQz6gZlWN3Y7EQFmZuAqgZLE+mO9Q291bX1uZra6guodxUyQyKy5HJ5zjOK4z4w6nZ6b4Cvf7Rjlks5JoLZooJhCCzyKFDueFTON2MjGR3rymxuLW5ufinpA8QaTYC8/s+CCXT03WqSsoXiPJBQsVRyMZDHOCQKkR79qV5eT6HdS6CbG+v/ACz5CzS5hLcfeZc4Az17HtUE/iC0/t620czRjV5ITctBkgIgKKeuOrNx6jmvAvE032j4WfEqy1TQ7XRtdsJLb7ULBv8ARZ5DtEc0J4wNo5U8jpXcrpekr8eILm5t7BZT4bieN5FUEy/aNqsCOc4GOD3oHc9gWQHJ5OTwMdMcHNSKSy1WhkD45J6/hzz+tWY/zFADu1Iqg5pG60gyKAFxt6nNZ91p/wBoYurMGzn61pHAX1qPdt6cUAU47L9xiRfmJ5Of6VItnF2GOMYHTFTSShUz0xVUTSNGzKeKAJ1t0XJwaY1vGVHUH0qOOaW4UFTgY5pBcNtIY/MtAE62qdW549T/AI1G9ijMW3yD1w2KZ9pfyTIMA/WpUuRtG4gkjPWkIZJZ/udu8nnPUj+RqKPTlVtzO54weetSfaGWUg8qBmkt7sXTsFBAX170wJ/soZdqkjnoOn/66mRcYBGSO/v3pMlRmkD+tVYZKvzdQPxpFULmmtIOopu/J9KLAVtQ+dVwM8/xc/jULq3mKXJbA6sxP86uSKGxmmNEGzxQAzP2qMDK7O4UD/CnLjyMHaMdgo+npSQRGJSNvFPWNQMEZ/GpAoRghtqjb371pW52xgZpDbrJ1HQYp/liNeKYEF1jbgDjP19qis/lkbnGBinXWdoPqabGv+kN6UwLM9v9qt5bfzZIUlQoZIW2suR1B7Edj2rD8J+EIfCOnyW4vLvVLmYgz3t9JvllwCoBOOgHGK6ANjApeKQDhK2zbubAIwNxAHtgdqrXEYkILZPOTzVjdxwM1SuZSOd2OelAFglpF8s8rnOMnHAHOM9eKbJIYcsGKN6jj+VEJLc5pZI1bhj1qgKazRysyqQELZKgDr0/lUd1bwtIpMUbFehZAeaeLHypgy/d+lWGt1k5P5UAU5LO3nMxkhiYzDEjMgJcdt3qRTbjSbLUpopLyC3umjbMZliVyvsCwPGOK0Vto+ARxT2s4tgGMD1oAzrzSLC+dZJba3eVM7ZJI1cjJB4yOMYGMelQR+G9Mt7p7pdOs0uG6zrboH/MCtUWUW7kZHuaVrePptFAGP8A8Ito0iyb9MsSsnVPJUg4zgkEYJ56n0pG8M6E0yStpNj5iYCyeQm4KOig46cnj3rWWzReBTTaqOo4oAzI/DOiR2M9lFplmLS4/wBfb/Z0McnruUip9N0HTtGtzDYWUFnGTkrDGFzxj8/6VZ+zKrgpxTy23rxQBE6hQRWbqXzRjAzWjIwbIFVJoxMADQBmyNKix5GPTipVu2dSnerM9oHQA54qrChhkI25BoEEafKQeTVUMV3L37VdljPY9aYttuxk4JPWgZ5db6bffFDX9btNS1J7TQdKvza/2bZkp57Kqkl3ByQc/dx2616Vpuk2Wi2MdnYW0VnaRLtjhhUKqj2Ari/hqog8ReOIj97+2GYj3McZrvZTtjNMBkchjdQD8vTHar+4NtweKyY5BJtHfNakONopAcz4w+HOj+LZY76aOSx1eDmLVrBvLuY8dPmH3gP7rZHtXiepat4lvPE2oaf43l1DxF4O0S6FtPcaTFsEj4V1kuYx8xGCM7OOM4r6VZtvT61594JVLfx34/A+U/2jG2OTkGCPrn6VQHS+GtR0W/8AD0EmgT2dxpQXbE1iylFX0IHTnsfm9q2rbBjUgb+OT2/XBz+FcLrnwstJb6TWPDl5J4U11iXe4s0HkXBx/wAtoRhW+owaXwz4z1uz1K30bxPoUltcy5EGqacDNY3RAJJB+9G2AeG4oA9C3fLwWGPft+VZV9fMSFjT7v8AFzRpnifSNYmuYLPUbe5mtjtniicM8XruUcjH61n3/jDQFlu4H1KFZbH5rrarkQr2LccDg/lTKNVbr9yBIGb39KrLM8cgXa201myfETw1aaAusSatF/ZDNtF6I3MR5wCDtzg9jjqQK2bHUINSs4rm3bfDKMqzAg/kaYEZYsw+Xmo5mcj7tXmI7Con9SKQGf50iqQEJ+pqDzZxxt4+tX2GWzmoZMdP5UgI2fKqrcVwvxYcf8I3prnI2axYPwMkfv1B/wDQq7dm2hssAACS2cBcc5J7AdfwrwT4jeIrzxtp+oX1leyWOhQTImkQxRhm1G5WRWV9p6rlDj2+b2qgPaoWGwDILEDG08dx1/D9ao69qh0nSrm9S0uL5IU3vFa43suCW25IGQAe9cXb+GfH9xGks3jiO23DJit9JiUo34sR69q1dJ8O6tpen38eq+IJ9dMsZCGaCOMx/KQcbRz1pgVIvHmnX3hRPEulwLf20xRZMERPuJCndwclSVBrplZ5I0YxOhI+ZQC2D6ZHWvCNZ0W88G+EYtd0mJ7jRtWsoRqljECRbzsE23CDGFUsAGA7969N1z4d6J4o1J72/wDtUjY2bILqSOI88EKD6d6QHST3UVv/AKyWOM/7bhf51h3/AIy0DT2P2zXtMtsckSXkYIHfjOax/wDhTPgyNhu0KC4/6+WaXP8A30at2/w98M6fj7N4f02MryP9FQ/0pgcbffEnwxH45ur3+2ree1GlQxPNbkygP57kAbck8P1xVpvipo8km60tdav/AO61ppkpH1DEAD8TWle6fa6b8QtL+z20NsJtMnVlgjCBts0bDOBz9/8ASt9tysTuxzxjj9aAOY8M6rHqt9eTR+HLvRCw3G4uYI4zcZI4IXNb7Qo6srAFWUocDGQc55H1qXA6nk/kPyFQzSDrmgZUtbCHSoVt7aJYYgeFBJz7kkk56flUvPrSNIWOSc0bqCj6AZguCMEjkZ6fjXMaf4d0jwyJF0nTrbTRMymRbaMKDjpx06810hxjBFVZLSORiSM5rIgpNMywhd3ygEDHHX6Y5+lLtMjbn+fJJG7nHp19P1qybVB24p6whmWmBXtyFchuVxjnj9Bx+lNkDNIXRmzjGcnPHTnr/j9OKtSRDzOFpwVVU8ZpCOfuPB+jSa1FrbWhbU49xika4k2xkrtJVN21eOOAK2ocKgYttPU4A5PrT/s6sBUjW6N0GKYiCzzNuDDgAjvkgnPNZui+DLLw/rGq6lay3RutUlE90ZZd6u6jCttI4IHHGBj35rdhjEXSpDg0WEG0MCOinjHXj05pfLByGOVPUYH5D0FIvFOyTwKQx+7dneS24ktyRuyADn8qcpZRkOwPcA8Z9cflTFU9TTt3y0CDrknJPP8AEf156+9SBiu3DY2nI9PxqHdS53GqAcx+6oJYDkhuh57+vAA/OkDMMDLFcYK5O08AcgfTH0pyY54oHzMBUjIrpWk3Nnk8ngemPT0wPoKhkbzo9gyAc/KCQBnqRz1z+X61ebDLgioGjG4eop2QEluqw7mCqGfrgdcZ6/nUP2WGVSpijZD1XbjPAB/Hgc9RVjjjIpV2qeOKmwEMem28MyzrbxLOBt84IN+P97rTptOs2Vh9itcN1Hkgj2656c4+pqyWOPamjvQBS/sew2Bf7PtTtXaC0KkhecKPbBxiqdz4X0qa3MZ0qxdCSdrWyEAkAZAxgHA69fetjd7U7aGXBpAZ99ZW15btaXFtFcWpGDBPGJIyODjaeMAgEVm/8Ilo00E0baPp7RTKscqfZIsOikFVI24IBHHHHbFdHtCxnuahWHHUUgMWPwjoJ0VdM/sTT2sNxc2rWkZj3nq23GM9OevvUknhvTTfWV1Lp1rJdWIK2szwhnhXGNqMeVHsK2129157U5trKAV59aAI4W3dRn3PX1qyh7CoF+XpUuduTQA5jyfUUKfm6VGCCx55NSAjGOnvQA0Z3Gkk3AEjg4p33c45pjMe9AFFd0xb5uaSNjHG6EfNjirn2de3FG0dCMmnYCrasbeNSTgd6ZI2+VmAwCKulV6FeKbtHI7U7AUGh22+cnNNVyWXjtjpWhsGAOtHlqvaiwFaZWmbCcZGCaW2Xy5iOmOgqxhRnFNxtYn1oET+Znik3Y5qJZBu604yDpimBIG3d/0pG4XOaarL9KSRiF45oGKsi9M80/pVcMM88GpA2cHtQIm3bqTim7vlppcjtmlYZKGxTmYFarhye1NaQqeRxQAtwdycDpRbyI3fBpnm85qJuW+XigDQbBxiozIA2Car+eyrgj8c1BJICeW59KkCy14A21PmP1qldS5ZQBuOaVYd7bV4HrVlbVY16ZqgHwsdtStyRTI12r9KUPubpTAfnjFFJxQKAHK201IrKxGTUW3JpRhTQBI2OxphwOc00sGOBxQVx1ORQA1s9QabvOOaduHTPFRtjOaAFZscioXy3vTpeowaazbRQBG3y9qiPBokY7uvFQs/OKBEztgdc1Fx1prEsOOaT+HrQA2TvUTOQrfQn9Ke3eopG2gnGcDOPX2oA4bwPx448fjt/aiH84I67tl+Xr2ry+81h/hv418Q3+sWVwmg6vPDLHqsCGSKFhEEKy45TkDnkcj616LZ30GoWkN1bzJPbTLujmiYMjj1DDg1QwhdY22N97PBxWhHzHkGqzKr4zgHtmo3kkhAYDKd6kC+c/KSe+DXnPhe6WD4meO1YklpbRhx/wBMQP6V0vibxvpPhWwN1qd4sCt/qoessx9EX+KuT+Htpqesa9r/AIkuNPk0231YwmCC4P7xVRdu5h2J9O1WB6HHdPnLZ56VbgD+WwAwG6oowG+oHf3pltapEvz/ADN9asD6Z9qYHjXxD8L6q3xI1HxJ4bkKeINLtLSRrd3ZUv4W8xXjbPchCQccEDrTvDPizTvHy+MNRshsiurCESQsNskbtFIrRv8A7QK4x+Nejw+GZYfEl5rDalLJ9piSE2vlIFUKSVwcZyCzH8aor8P9NtbzX7qxEmnXGtKouZLcLjcAQXCkEZIOOnrQM8TutQ16X9mkj+zbNLEaQg+0i8bzQFYEEpswCD23duteraj42l8MaTZXS6NdXumRxxNdXUEi5hR2Cg7Ty5AOSMjgjnmnr8KbC38Dv4T/ALS1B9J2eXhjH5pj6+WWCcjPtVTxDouuWUVhpuk6Y+uaXbqjyyXl0iNKUwVR8LkqCAcY52r6UDO9ikMkYYYHTIz0PcUSZxUVvvW3jEiLHIFUsikEKSOcUrPnvQBHI231/CqtxIsMbvM6Qxj5TJI4VQfqanlbOPrXl3iS5bXvjBZ6DcjzdMs9L+3fZsHbJKz7QWHcYJ+hxQB1XinSIfGWhyaeb2WG0uXUu1q4ImQEZTcpwQ3QjOcE1yPh3wjdan4gXWtWtFsLewDWulaYxz5CDhpDjjLcduAAKgXb4T+LVlp+mxfZtO1jTZLma1XcFSeNwPMVeQMrkcYr0Zfu/dCg9AKAGFQigDpjAH4D/wCv+dVb23ivLeSGZA8Ui7XX1B61ac5qF+9MDMtdGsbGwNjb2sUNntKCBUGwA5yAPQgjj1GamZQq4UBR2C8AD0qaT5feoWagCCTg564qvJJwTjn2qeRu9VZMtjHGeKAOd1jS57rxbot7EF8i3guYJWZsEbmjwSMeq/rV2dTN5ZQN8wz90+36VzS3l14o8Qa1DFqU+k6dp0/2RPseFZ3VQzucg5AyOPasmztZ9c8QXOia3cSXA061t1lEUxjEs0i7nkJXvgDHYYoA6+a8itIne4kWCNeskhwo9iex+voazb7WrG2jt5JbyNRdNtg2ksJT2AI4rg9L1q61XXtL0PUib2Gz/tCOWSX/AJePIYBC3ZvlYHn3qHVozpWralaWEUDxWuuWNzbQsx8tDMuCvHRdzH8x6UAegabrVpqkt3HbM7tayeVLuQrh+ePy/nV7dXLeE/tceu+J0vRAJvtMUn+j7imHhUjBPf5W7V0uaBnv+/8A2gT9aa7bOeMeua49bjx5HkLB4ZkHqz3K/wBKiN947VvmsPDcn+7dXK/+yGshHZeaG6sPzqRFzjB/Hj/GuIbUvHLMMaV4dP8A2/3H/wAbqRNS8dMvOiaAR7apOP5w4oA7ST5Dy36UbcDJFcX/AGp42bLN4d0JgOy6y+T/AOQKf/bvjQYH/CMaQf8AuNN/8j0AdkuM9RUgIA61xK654zkAQ+F9MX/a/trj/wBEVJ/bvi5eG8JWLAdWTXUP84hQSdisgb2pdy5AyK4xfEfilWGfBykeqaxF/VRT28XeJI2Yt4IuGX/Y1a2P9aAOw3flSiQK2c1x6+MPEW7nwFqePVdQtSP/AEOgeN9Y3Yl8Ca2PXZc2jf8AtWgDshIWPXinM3auK/4TfVD08EeIF/7aWh/9rVKnjjUNpWTwV4jz6rFbt/KY0AddupFkHuDXH/8ACfyKBu8JeKAx6qLGMn9JKWX4iRrjHhfxTu/2tM/wcmgR2m8MOKkjx681xC/Em0ViG0LxKnr/AMSeVj+QqSH4nadyTpPiQc4GdDuP/iaBnZn8qbtB71yA+KGkFtr2uuRZ/wCemiXQ/wDZKU/FDQo+W/tRR76Tdf8AxugDr92KcrbmArjm+KfhmPBe9uo/9/TLof8AtKkPxa8JR8tqzxn/AG7G5UfmY6AO3OcU0ghsVxa/F/whu516FR6tDMo/VKc3xe8Gtk/8JLY/m4/mtIR2G3awp/XpXHL8VfCE2NviXTyf7pmxT1+KXhHdj/hJ9Kz6G6UH9TSA6/nFL82K5Zfih4Rzj/hKdHB976If+zVMvxK8KfL/AMVPopz6ajD/APFUhnRUuPesL/hPPDLr8niLR2+mow5/LdU0fizQ5CMa5pWPX7dF/wDFUAapOO1P3fL0rKXxHo8zYTWNNb/dvIyfyzVkatp7cLqNm/8Au3CE/lmgC3x2HNK2Vqsb2225Fzb/AISr/jSPeQsMC4ib6SA/1oAtq3FHDVXWZdvDKR/vCpYiZD8ozVAPPHTrTSo6k80mW3cKfxBpv7xjxG31xTAezBlwBzTDGV5zSfvP+ebflxSS+YuMqw/CgAbJHpUbM2euaNzejfgpP8qN3qp/EH+XWgAGWp7YOQOaj8zbx3P1/wAKaJBuCr1+o5/WgB2wrzilKM1CyZPUZ+op3mkLnFACLG3Sn+3So/O/AetRtcHdweKAJNm5qcAQcZqKKdj1GRStKD0IH1OKAJ9u3qaa7YPFQNPnqSPrj/GkaT5Qf60AOWQhqJnJ71F5nXjmhmzjg/lQAob3pw65zUTHHbAoVux4oAsN93nmqwtk37ict2qVm4xim80gJl+U8d6mL/L1qpn5sdKeGJpgT+aqg5NR+Z1xTMBlNCqOmcUATq3y0KeDTE+uaYzEd6ALAPemeZ83Sotx29aRW/GgCZiexx70pkbbjrTFYbSDSM3pQA1mI5xTfMzSSN2zmmZoAXcc80yZzxjvSsfSmt93BoAYDu61FJ1pxO2oWbdmgQm/sOBTg1QNml3fLQA9pOcYqNm3ds/WjjGc03dzQBHLGkkbxyKHjddrq3IYemDxj2IrgNQ+Gt14dke/8DXw0ad23y6TOS1hOc9An/LNj6jjOOK9BbK80J1LZIPt2pjOJ0P4oW32s6d4ktG8La8vLW984WKXHJaKT7rDAJ7H2qvf/ES98SXDaf4ItV1JlcpcazdKRawnH8GcGQj24zXX614f0zxFZiz1SwttQsw24QXEYdQfUZ6H6Yq1p+n22m20VtawpbW8Y2pHEoAVfQe1MDlfDPwys9Mvv7X1O4l17XG4bULrDYOOQi9EGM9K7iNQMADp0pF5p2cNQBPuPt+VPA6UwKNuSadu9KYA2aTcelN3Hd7Ub6YCs3zZ/lUU2B+eeAM/yp7N1qEnPFBQznI9B7D/AAqORj0qRnA4qM/MfSgBhx0IB+tcZ4s8IS6prmn63pt0lpq1kjQfvlLRTwty0bgEHrgg9iK7GRgvXg1VZ+eB+NAHJ6T4UuF8Qza3qssNxqHki3gigVlitos5KrknJJ710n3Rg0993XJ4OQSTULSe4J+tMBkjDmom5olbB/8A10xm9/0NAEchGagdhtp0mf8ADkZqBt+3lSOfw/OgCKRtuKgaQDkdRyM9/an3EgT5iwVR1ZjwPxrKvPEem2akzajaxf70yrj86AOQWz1Lwj4m1meDTpNW0vVJvtcbwFQ1vMQAyOGIO07eoz9O9Mm0PVrTWv7eskt3urq2SK9tZ3KANGT5bhgCDgHaR39a1bv4geHU+Q6vbSP2jhzKT9MKT+tUH+IOmnb9ntdTuyei29k+PwLYH50AU4fAbxWdnNHdeTrENxJerdquVDyn94pXupXjGfenz+CUvrW5jvbuSW4uLlbueeACImRSCmOOAMDirTeKNTuP+PbwzeFSOHuZFj/xxVUTeK7rhbbS9OTt5hadv6CgC/a6Na22qXd+gc3l0AJnaTO/GMcewFXvLb+435Vz7aHrl1k3viKZFPWKziWMfnyaZ/whi/8AQa1X/wACP/rUAfS6x/N8wx+AqJ1BJH9BRRWQCbfQc/QVPCw+6e/0oooAe3HApGXkZ6UUUEjtp4IJA+uKVVOSSf60UUAJ/F/XvT+GbmiigB+Tz835UijnPf1zRRQA/rgen4/zpjfNweR+X8qKKAHqMj+lO7Y7enaiigBm3HA5Henx/u1IHA7DtRRQADIYMDg+1S/OSO/4nNFFAAuY2OCQaViWYFjn8KKKAHJ94kYB+gzUe1m69fWiigBrIHBUjdn1qFbG3720P1ZAaKKAH/2ZYzNh7K2bPrCv+FN/sHTccafaY7g26H+lFFKwEb+F9GuOH0fTm/3rSM/0qu3g/QGPzaDpZ+tjF/8AE0UUWAY/gvw5IQT4d0nI7iwh/wDiaX/hXvhWY5fw1pJP/XlF/wDE0UUWArXHwu8ISNlvDGksf+vOMf0qL/hVvg9v+ZX0nH/XotFFADf+FT+DC27/AIRjTgf9mLb/ACpR8I/BrcHw9agf7Jcf+zUUUwI2+EPhHnOgwAdtskgP5hqZ/wAKj8KKdw0po2HRo7qZSPxD0UUAMHwp8N+Z8tvfKfVdTuRj/wAiU4/CvRhyJ9aj9Nms3Qx/5EoooAP+Fb6fGMJqviKMf7OuXP8AVzTP+Fd2x+7rviNfrq0p/nRRQAs3gORlAj8U+I4l9Pt4b+ammL4H1GM4j8beI0+ssDD9YqKKAFXwTrKsCvjrXf8AgSWx/wDaVI3hPxErHb431Aj/AKaWVq3/ALTFFFMCP/hHPFkOQvjclf8ApppMDfqMU/8AsXxnGPl8Y2TD/ppo6Z/SQUUUgHLpPjZVz/wkukP/ALTaOf6TUwWvjaNsrrGgufVtOkUfpLRRQAjf8J35g/f+G5P9poZx+oc4/KhZ/iAq58jw1KT28y5XH6GiigAa48cqpJ0zw/nv/p04z+aYpiat42XlvD2ivjvHqrj/ANomiigBW17xkqkt4RsXH96PWQP5xCgeIvFm0F/BqN7Jq8X8yooooAU+LvEcZ2t4GuSR3TVLdh/OpB4y1xUBfwPqmfSO7tn/APZ6KKAIpPHmpxrh/BGvLjqym3b9PMpf+FiXDL/yKPiFSOwghP8AKWiigCRPHzxrlvC3iNB3/wBDRv0EhNDfEq2XG/QvESE/9Qtz/ImiigBv/C1NOh4fStfX66TN/wDE0jfFjRG5NtrSjvu0i4GP/HaKKAD/AIW14cVfnfUYz/t6Xcj/ANkpP+Ft+GmBxc3gPvp1wP8A2SiigB//AAtjwwsQd9QkT18y0mUD8SlO/wCFueE9ozq6gephk/8AiaKKAI5Pi14Q6nXrdR/tJIP5rTF+L3g0/wDMx2efcsP6UUUAOPxY8Hjr4l05f+2p/wAKY3xU8IGRVHifTfm/6bUUUAQt8UvCXOfEumY/6+Bmk/4WZ4UVs/8ACSaYfrcAUUUwEb4leEyOPEul/wDgUtJ/wsrwqRgeI9LP/b0tFFIBn/CyPCuf+Rj0v/wKWh/iR4WTB/4STS//AAKWiiqsAxviZ4VK8+JNL/8AApacnxL8KAc+JNL/APAlaKKAD/haPg/OD4l0wH2uAaVfij4P2/8AIzaaD/12oopgIPit4Q/h8R2LH/Zcn+Qo/wCFreE2/wCZgtWPoFf/AOJoop2AG+LHhVSB/a6MewWKQ/8AstSL8V/DKsD/AGjIV/2bSZv0CUUUADfFvw1/BcXcn+7p1wT/AOi6YPixoLcKmrOT/c0m4P8ANKKKYDf+Fp6VtLLp+uOB6aVMP5imN8TrdwfL8P8AiCT0xYbQf++mFFFBRE3xGlb7vg/xE3ofIjH85Kj/AOE61aYkReCtXK+ss0Kf+zGiigCE+L/EsgBTwXPn+6+oRAj8gaik8ReMJtuzwfaxY/im1Ln9I6KKAK/9peOJmJXStEtz6SXUjn9FFQs3jqT5ml0O3/2RFM/82AoooAY+neNZyM+INNgH92HTyT/48+P0qNfDniSYkXHi6ZfX7PaRKfwyDRRQBDJ4Gv5WzP4s1qT/AHZRH+igCoZPhvZMf3+o6tcknJ8y/lGfyIoooAjb4Y+G2OZNNWdv71xLJIf1arEXgvQrNQIdJs0K9G8lSfzIzRRQMsjT7a3XEdvGn+6gA/lTWi25wMD0FFFA7ETqF5HX171C3fgfhxRRQFiL1qPn1/SiigLH/9k=)

Эти соединения были введены в клиническую практику в период с 1961 по 1972 г., широко используются ампициллин и амоксициллин. Спектр действия достаточно широкий, всасывание при пероральном приеме хорошее. Фармакокинетические свойства, такие как пероральная абсорбция и распределение в организме, усиливаются за счет этерификации карбоксильной группы во втором положении.

В зависимости от рН биологической среды они могут находиться в виде катионов, анионов и интерионов (цвиттер-ионов) за счет основных аминовых и карбоксильных функциональных групп во втором положении молекулы аминопенициллинов. На следующей схеме показан этот процесс:



1) Катион ампициллина образуется при рН желудка и всасывание снижается из-за ионизации препарата.

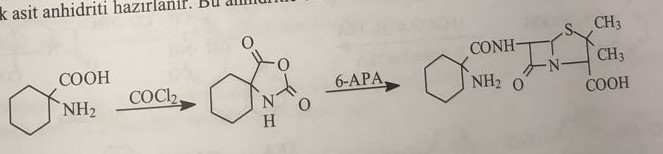
2) В тонком кишечнике образуется цвиттер-ион, всасывание препарата осуществляется путем активного транспорта.

3) Анион образуется путем депротонирования в нижних отделах тонкой и толстой кишки, поэтому всасывание препарата снижается и он выводится из организма с калом.

Для изменения этих ионизационных свойств аминопенициллинов и увеличения их всасывания были получены производные пролекарств.

Для получения этой группы пенициллинов необходимо сначала защитить аминогруппы, переносимые кислотным компонентом, образующим боковую группу, а затем соединить карбоксильную группу с 6-аминопеницилановой кислотой. Для этого в реакцию с метилацетоацетатом вводят аминогруппы D-фенилглицина, D-(4-гидроксифенил)глицина и D-(1,4-дигидрофенил)глицина. Используемая натриевая соль основания Шиффа называется солью Дейна. Затем эти соединения реагируют с 6-аминопенициловой кислотой в среде этилхлоркарбоната или изобутилхлоркарбоната и триэтиламина.

Среди аминопенициллинов молекула циклоцилина сохраняет амино- и карбоксильные группы в циклогексановом кольце. Для его синтеза сначала получают N-угольный ангидрид 1-амино-1-циклогексанкарбоновой кислоты в результате реакции с фосгеном или трифосгеном. Препарат получают в результате реакции 6-аминопеницилановой кислоты с этим ангидридом.



**Пролекарственные производные аминопенициллинов**

Эти препараты были синтезированы для устранения анионных свойств либо карбоксильной группы, либо катионных свойств аминогруппы производных аминопенициллина. Таким образом, устранена зависимость молекулы от перорального всасывания. При этом физико-химические свойства молекулы регулируются по фармацевтическим препаратам. Для этого карбоксильная группа этерифицируется до спирта. Аминогруппу также сделали неполярной путем ацилирования карбоновой кислотой.

**Производные по аминогруппе (ацилуреидные пенициллины)**

Алкилирование алкилирующими агентами, ацилирование кислотами и образование основания Шиффа с альдегидами возможны при рассмотрении химических реакций сочетания аминогруппы. Основание Шиффа алкилпроизводных этих продуктов обладает протоноакцепторными и косвенно катионообразующими свойствами. Однако в ацилпроизводных исчезают катионные свойства аминогруппы. Для него в качестве лекарственных препаратов используют только неполярные ацильные производные. Из этих соединений только ампициллин и амоксациллин являются препаратами, полученными в результате прямого ацилирования аминогруппы, которую они содержат в цепи, гетероциклическими карбоновыми кислотами и разработаны для применения при госпитальных инфекциях в целом. Применяется в клинике в виде инфузий и инъекций. Он показан в таблице:

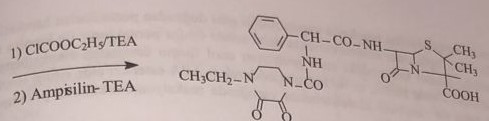
![Diagram, text, letter

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4TXoRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjIxOjE3AAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAMwMAAAkpIAAgAAAAMwMAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NToyMgAyMDIzOjAyOjI2IDIzOjU1OjIyAAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAJDsAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgApgEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A9CxWTc6dZzSs8vnklmYgKcHKhOw6YFZm5GmnaXG5fybgsY/K5jkPy5B9PYVNBb2cQdYobwhzkgmQDOMcZPHH8qBEzQQyymRtOlZj1JZee3972qRLO28oRDTtqKMABU4+nNAD/sqIAIrCI4GBvIH8gaFS8VuLKzQeonb/AOIoAtqlwR8zRr7BS39RSGK67TQgf9cT/wDFUAIbadj8124P/TNFA/UGpVgYDBuJW+u3+goAoOLcy/cv5huK7opXK5HBHyt2PHPoatwQW0sefIAwSpWRcsCPXOaAJ1srVDuW3hB9QgqVnSNfnZVUDPJwKAGvLEihndVU9CT14zUYvbXDf6RGNv3iWxjkj+asPwNADf7U0/BxfWxwMnEqn+tNlku3lgkgjbygT5iPhSw7Hnn8OPfFADHvmuGltbYGO6VT/reNpx+vUdMgZ/Co1g1FLlnEiNEW+VGYkgfJ/g/596Bl9xUTZoAifPYVE4460AV5OPWqr9P/AK1Ayu/SqU8SSYLorEdCRmgCusLR4CyNtHVW+b9TzSwH/TZF/wBlT/P/AAq4iZ2QFJjnkCoAdgZxTtnegQ8JzTgtAC7TigA4oAADnmnjHQUABXNUYrS8xOzXCCVyQjlM7V7ccdCT60AS2E3+i7JUETRMUKknHHTk8njv3qK0SW5ke8aRoldsLHHjDKOhOR17cdgKAGW+lK8kUzTOTEdpwCpcqHXJOep3Zz7CrEumRNIH82YEBcAsG5Ukg5YE9T60AC2Nm9t5AhRoyoQ46nAxyfUU9LSzsRJOI1Tdy55OfmJ/mx/OgCqZmn0TyvslwVeEJ1VSQcLxk9ecjPHvV6KeaWJHNs67lDckDGRnHr+lAFJoprg30XlAeY2N3mYIygGRwaemmKsxnWUxynk7OAM7c8f8A/U0AXX6YB61Btw3XNAxpB9aibrQBXkHPtVZwcUDKrj2qq4ANAEHGetRxjF+T/ej/kf/AK9VETO1ApMcmpAXB7CnDd7UCHjPU04CgAI4oHTmgBAAfWnD5TgCgBxxThj0oAPLQnJUZPcilxj8KAMyDTLxZUaTUJGRTkrzz93g/k3PH3ue+ZooE+3zxksckOP3uT0UY9QOB+JoAsW1kloJBGzHzH3tuOef8imS20j3m9pQbcgAxEcHhs8d85X/AL5oAtYHHNBIHegDMlivmkkaKTZknH3dp/unpnA7/pURttVaRCLmIKNu4YPJ3Atj2KgjHbP5AGoRUTgUDIiPmqNx3oArSDmqrgdjQBXYc9aqyfSgZARzUY4vI/dW/mKqO4mdtTeM8mpYC4X1NOA96BDwAelSAUAIVzQBx0oAcoHpQRQAEelIMjqaAHYOM7hTGubdOHuIlPu4FAhVu7XH/HzD/wB9iq/m2MFy86eYzv8AeMcbuOQAegP91fyoGTLeRyH5I7j/AIFC6/zAp5lbqLeVvpt/qaAIjcT5wthP9S0Y/wDZqduujz9mjH+9L/gDQAZuscwQ/hKf/iaM3BB/dRA/9dD/APE0ARuL3+FoF+qk/wBRVd49TycXFoB/1wb/AOLoAiaPUs83Vp/4Dt/8XTGTUACTcWxHtAw/9noGUra+N/bie2kgnjPG5cr2z0I9CD+NEjXOP9RF+Mp/+JoAqPNOpw1ox943BH6kVWnuUQgOkq577CQPqRkCgZGskcm7ZIr49DnFRSZW5tz6sV/Qn+lVHcTO5OQpIGTjgZrPe+lSVoytmsi8lGucED6bakQ9ruaJlSZbSNn4UG4OT/46Ktr9o7pGPox/woAdtuSPlMS/VSf600x6hni5tgP+vdj/AOz0AOEV0f8AWXKf8Aix/MmjyZP+fqX8k/8AiaBDhBLj/j7m/JP/AImkNnv/ANZcTt9H2/8AoOKAAWEKnO6c/W4kP82qX7LCVwUyPc5oAaNMsC2TZW5PqYhn+VSfuLZf+WcS/gooAjXUbInAuoCfaQVOLmDZuEikH05oAgbUIQcbbg/7ttIf5LTkuDJykMx+qbf/AELFAEhmkA/49pT9Cn/xVMaebtaS/iyf/FUDIjJfH7ttDj/amI/kppFa+LcwW4+k7H/2SgCTNxjlIgf98/4VEwl7lPzNAEMpeNCztEqgZJJwAKqpercErG8ZOSozldxHXGRz+FAGPHLBpNymmWlrHGr4K/vDszhvY4+4f85qy7Xo6wQbfaY5/wDQaBkRllyc28n/AH0uP51UmuVV9jpKpPrGSPzGR+tAFBx9o1FcNG0KJyQQWVvT1HFSyKFEPJOxx1Ofb+tVHcDuznaSoy2OBnGawLjSvtN+9wbS3a4I+bN4wwCNvQJ6L/P3qRFZPD1st0rta2ySxAFdt2+VzgA8KOSV6nniugtpnnClJoDkZG0luP0oAtbZ8cSR/jGf/iqbsu+00H4wn/4qgBDHdH71zGP92LH8yaYLOTOTeT/gE/8AiaBEixsnBuZT9Qv/AMTTzFvGDNJ+BA/kKAIjpsBOTJdH/t6lA/INUsdpAnATd/vsX/nmgCQ2dqw+a3hP1jFCWkEZykESH/ZQCgCXpyThR1pHdY8bnVQTgZOMmgBSdoyWAFNEsWCTIoxwcnFADGvrNM77qFcLvOZAPl9fp70G9gDQqSQZpGjTI/iXOR/46aBhDcRTg7D8wJBUkZGCR/MVKMUANKDNRtGKAM7VPKxb+epMXmjdgHjg46e+PzqHUliTSX2CNYwBt4AAGRQMimWzawyTF9mZfvKcDHsR9aq2DxtaMFbcElkUc9BuOB7cYoAc2N3FVpB1oAozJEzAyBCR03CoLhRHbKBnCuvUkn7w7mqjuDO+xXN6lb6ddXE7ytOXV0SVVJAdc4H5Ennr1qRDEt9KVhcCxlLwjeuHYnhn/wDZgf8AIqaN7DSr2BrexZWZBHu3tlVZiSMH3XP40CLg17dbvIlpM5Utt24YNj0x7Yq2movKZhHaz5jUlS0ZAY89D36Dp60AOe7nDSeXbmVBgKRkc85zn+gNVodQv53VvsBhj8zawcndjnnp9KAElutV27o7IFxHu27hgtkYXJx/k1ajkv22O0So3lfMhcbdxx3AJyPm9unNAFfOsCYkG3EWxs+YeQxJx07AbfzNMR9RinH2i/tIy52+WGAwxPyhcj6fXPagBgsdX2o0+oxmYAgMDgZLqQcAAHCqR+NWLi2uRDvk1dlVEKuVi/i/vcHjAoEMZbYI8VzqQYwALK8jbSpG1+/qPw4+tVWi0wvIz6pOSZYw0YcfKwPAwQcZIzj24oGPddIhdg8k0/lKZcsQcFSo9ODlR+tSmHRVu4MhpZntwIgN2PK4Ue3pyeaNQLtnb2GpWazC3bYfkwzH+AlR3+v4GrgsYNjIUyGLEk9TnOf50ATJEka7UQKPQDFJg5oGKRULZoAiddylSAQeoPes2DTBb3ks/mM4fkI3IU5JyPTrj/8AXQMp6lDarcxNLtVSxaQE4B9Ce3Uge+cU4RwsRJEFymVyhx04wfXFADHBzyKqyDrQBRlhR3ViPmU5BqK7X/RZfZSfypoDvaxJpNQmunjawQ25JALkEcHg9ec4/CkIhh/tETR/6BFbrv8AmKbCdvPfPqT27n8b7C/TzWjKsWxsV2GF6ZxgAkcnqe3vQIjgOsBYlYWvH32Ykk8npj2x6d6mKagUl/0iIMzZUBSMDAAH55P49qAGRrqTXG+WaNYShGwj5gc8cj2689aRre+zDsvFCogVwRnceMnPX1/OgCGHSr1DKzaqS8knmZEXA+XGOvoPbvU1vpksCMhv3JIwCq7Sv3c45/2c/j6cUCHQacsVqIml+cwxwuVAIITPr65NRXmh2t+0hkllCyujuBjOVyRj05J9fwouBKNCszdNPIXkYpsBJwRySeRjscfhVqLTbKFNsUGz3DtnrnrnPWgA/s2wJkP2ZR5py4GQG4x0+gqQ2VmzMzWcLFjli0YOec0ASLb245W2iBPogqQAcfIOPakMlBOMClO4dKYC845NJhicg0hiEN61G31pgQuvPWomVx/F1oAy7y3tLyUwTkO+MbckdMHBx17HFMS3S3jKQgIpYtgdMnrQMikLDpzVaUvzxQBWbPeop13QSD1UimgO5PSsG918WqXSpY3EskR+RVHEnyk5z9VI79vUUhEMmuSebEkWn3J3kZZkOAMH0+n61f02/lvYt0ttJAwUHDqRknOev0/UUCLu7oKbt56mkApA96QbR1oAGliA3FgF9c05XjcHaQcdcGgQJKjqGUhlPO4U37XBvZd65Xrn86AFN9AP+W0YHqWGKi/ta188Q+cgc5xk8Hp0P/AhQAv9sWqyRqZl/eZCsDkE5Ax+tL/bFq4JhkMmELcKcHHv+NMCKXxDYwPJG83zRkKw2ngk4A/OnprEMu7ytzEMVPGBkcn/AD/jSAmfUHjhuHji3NHGGRWbYXY5+XBHB4/WmXeqzW9yqJbSyJsZmwhzkYwB9f6UDEXV55Q+3T7hSqBssjYOccDjk81o27vIH3qyYYgEjAYZOCOc/nQA98dd1RkcZyaBkL7Rzmojt3cNmmBiPJD/AMJC0eF4iD78n/Wfdx6Z2ge+Kst35oGV3X0aqjhgD81AFO5kMMRfaWI7CnHBHTrTQHau20cmsSWS6MLmSZWAlYlo224XB6nPY4/T3pEsqLFqDbvnYI2OTMQQcJyCM99/HT14p7RXzM0i3iFjINpGQMArlccj+E88/e/CkInVb1IpDcXqFdrZOwLgY659uef5Ul0srXbyDUfJRkChMAYOTznvwf0oApOpkvGmh1dVBQoVCHjaMdd3q2f8aS1iSSVJl1KSQq7gFwfUjbyfUdO/60wJUs4ZFVftV2Uj/dMinj5hxkfQ0jWljF5olnudruzSEEbQfuHtkL7dsUgIyNDh/eb5Ssowp8ttp4zkcY/L2PfNWJrbTri2CujyRCZU2bynzcDPbPGKAFkl0uWZrWWEyMz7THvJ3bQMZBI7Ee3aiKW1SWFxpspkkYEkrkR5AB5/AZP1z6UAJc3O6RNmjb1WUgb4MlcKCSPqeM+tXZ5EjkMcWlF98e4ukRAyV7nb14A9aANOKPcgZowjHqAKlMQddrjI9DQA8RinhKAHCMGnqgoGI0YNRsvFMZUvrQXVrLAHCFxgNjOKyrjSxDZDNxJlZchl4xuYgYHT+L8cUAXGt4vJ8vYpXuMcHv8AzrIis2HnKLqb5ZMc4OOAcc545/WgY9toGOarSqoyM0AVm6cc02mB2cgBU5rIutLhngaIzSoHYklCATn8P84pEkA0eBZFY3F02BjHm47Y6jBHTtT10m1VAqeZhTkb5GcZznoT60APttJtIRLt3s0qBJGZiScDH9T+dTS6VazymV0bceu1yufypCI00DTI9uLc5RdoPmNnGc46+ozUkOk2VuNsUG0bi4G9jyec8n3NAFpbaEBVMSNjGCwBpxtLZmyYUPBBG3g568fhQA1bK1QEJbxAH+HaMenA7VMkcaDARVGc8DHNAEvQUCgB3I+lLkUAIc07mgBQcCnCgB4p+aBjSaYetMZE2M1FIqOhR1DKeoYZBpAUnt7cdIIf++BUXlIgOxVUE5woxTGQSJjsKpzICORQBUYEdKj+tMDs5Olcz/wlNm5bzIZ49q55Xr9/IH/fB+uRSJIl8UwSW8siWk5kR2QLt4Yjdjn0IX/9dXtO1b7a0aPaywu0QlyRlR2xn1/CgDVHyjNLnv0FIB3BpzcYHSgQm4Dr/KnIwYnBoAC47fyoMiqpZmAUckntQAnnRk7Q2T6Z/wA+h/KkW9tvN8rz08zcV27hnI6j68igCYyqJFTPzEEgE+mP8aHuYo0BZh1A9epAH8xQBE2o2ajm6gD8fL5gzz070ialayhDFPHKHOAY3Dd8dvfA/GgBsep2zsyhsMrbdpHOc8fnTk1ezVQZZ1i5PD8HjPP/AI6aAHNrNsGITe2ByNpBHys3f2U1ogN7UDE2n1poU55NAyN1OSc1Ayt60AQSqxPBxxWTqqt+5YSMoyVwPU9G+oxTAdIH9aqSbgKBlOaTy0Z3IAAySTUMMwnQOoO00IDtp1yjEDLAHAJxk1z1w2pLBCTGySFWLCNQ2SGGO3HGeM9+vGaCWEIv2cfNJuD/AMYCggM3XjuoXoD2p7JqUk2UaJQx+6x9HOMexXGfpx1NIQ4xas8uftFr8rAgDI42kEEfXB/zio/s2q+YryX1ujbVUIHO0tk5OCPcYHsKALKpdSM2LyOTZJj92w+U4PBA9CQcHsKmCTzGR47hB5gTYwYkEDrgdFzz0z2oApxwXEccinVUXy3YOQmSCfmAx6gMDj2HvVx4vMDCO92sSrnaq5OMdf8A62KAIJbeN4EEmpsqtmTl8blOPU9BxUHkWNxE0batM/ylSyzdQOT9ehBx6kH2AFK6fc+crzznM6owwp5AJA6Hg88etMt7WzlceW10VBlmVmKDcQ4BwfQEDqOhH0oEWZI7CC32PbSuvkb2DNzgnpn1yajaTR1M5hilEox5mzdn5SDjnjrx+NAyaCfSp7hraO3kDR/vNxJ2g529QT/+qiNtPtmtVjtgiyK0m+NiVBUqcZPXPH/fIBoAdHd2xDyppkhRgHGFG4sGIyR+A59xTklja2aRNJUXAQ4zb5ycnjpn3/GgCzG4KXu/ST+6IEYSEqZFwBwce5H0q5BfXMt+YWsZI4Rx5r555bpx7A/jQM0DVe5aRYWMS7nGOPbPP6UwMsXOoreMHgDW+SFYDBPKbT3wOX/LtTb2bU0WMwwRMd3zqGLcZHIJA5xu49uvYgyNbi7d2QwKNpOXYkZGTjAxycYJHvVFIpb+IG+G0ocBY2wpOBzwc9cjGfz60ARPLdpdeR5YkjC8Stweg6//AFh27Ux0bHzYB9jmgCrJGcn5utV0Ty/lVQF9AMAUIZ29ypeF1VtrFSFbGcH1rBn0m6mRlOqupKKMhDwQRz97rxQSTrZSq6F7tn2kEHHIwCO+euaVNPj/AHX70qInZ1KcHLZz+HzGkIYmlQxhgbu5bcuCS/f16dacmj2qTed5szMcAktycNu64z1oAtSWcEuMl+Gzwx9Mfy79aht9GsraJUQysoYMAW7jJH6nrQA9tMsJFnVoSRMxZ/nbkkbT39BT49PsxKHMCtIoOGYZxkknHYHNACnT7Heh+zLuXABHHTGPqeB+Qp8djZwRiOO1UIucADpnrQA9LKzGdtpEMnJ+QcmnrZ2qqVFtHhiScqDnJJ7+5P50AS7EwqmIYGMYGAMU7aC4baMgYB9j/wDqFAD8n0o3Nt4FACBmzyBTwWI6YoAlUtjmlBagYHdmoyGxnPSgCFg2cE1E28A80xleTevO7isryrlNwhuo9pYsA0e4jJJ9RQBH5NyJDLNOj/LtASMrj68mo5GfFAFaRmx0qAtkjimB1+o3CWtpNcSAssMbSEL1IAzWNL4jsIEb7QJoWQqpRkJbLAEcDPrSEQXXifT7WKR/3jMsZkVdp5GCRz2zj+VS6VrkGpSPEIXjdRnB5GMA9aQjW+UnkHmnjG3OPpQA704p/B6DpQAZ4+71pfmySFxQAoPBJ/CnKW7jigQ75h2FA5bqMjtQMdnnGRnqBmkMqoG3SICoBYFhxnpQAsj7Bud1VTxzxSkEAksABySe1AhisGcgOCR1GelSLNGBgyr9c/59aBj/ALRFuKbyWALcAnp1/H2ohureTyvLcnzU8xDtPK8e3uOKAJzgDOetQlV6bjTGZV9qcFneLby7gGXcXGTgYc+n+wePemwajFcRK6qfnTcqLyQPfsDz0oApXd3FNcfYXSVBIAST3BJyp+u0/gTTZdMsduY4Io5ByrqgBU9jmgZSXVLeWENsuVy20gQsxBwOuAcdfx6jipH254Y0AVJAc/eqqkiyOwV8lDhuOhpgdpemQQSGNA77TtU9Cax2ecXKsbYxOYo9xCgnnfkZx2IFIQ6GbUWeMiEFQfn3Hbxsz/6Ecfh9aiR9b/dhogQWG8kpkDBz39cfnSEWs3zLLlCkhA2cqyg9+euOe47VFMdaNwTDHbiPKgAnIxzuOeDn/CgCWNdYDbXMG35snP8A3z/9erEkd6BM0bjLFAoHYfxYzwP1oAoQprTSt/plv5aux+8DuXPY4yMHg5/THNhV1GQkLqFuyA7uMEhQR1+X2bn/AAoEMliuJfmk1SIRLMCRsXp2XPHPeoorZomET6yAWbDIrHIJAXGc9jnnrn6UAOuNM2xCNdblt127E/en5TnnHzevbtjHTij+z0ik+1DUv3cOXlaMFm6IMEA5xhM/jQBLLZWyyrFJq0kToxOC+0sWHHU847fSiKLTjbzOdQaSMImTuG8eW7Nn/I7UATLZWChStzK+CSWDr2TnPHp+pqKPTNHgs1le4cxOrLmVwR3J7YyOeevGKALlva2U5ZUdmWN1cDGMEZA9j3qX+yLEQmPyztK7ce2c/wA6Bli20u2tzujUqMHgnPJCjP4BQKkWwtU25QsE+4rHIXjHAoAsHG2mHb6UxkMqRtncoIPqKrskQcN5a5HGccigDP1UpFZzOA+4LlSmcg9unbPX2rNupb/+zmlFvCrmPJHmnK+vbqP6UwJlMZto2VSFKggHr071XlCDtQMrSbSCc8VTWGGIsYxt3HJAJxQB2l8LhoHW2dVlOMFunXn6cZ5rEt7LWoYlR76Ntu7vnOenJXP40hD7fTr5brfcXYlTEikEckMwI6Y6AY/GpJdNu3iSOK/MSR7cARA8j8fXH5UhEwsLks5fUJcHONiAFcnPfI4HHSo10qaOCNYryUtGpVSx29QB/D6dehoAmj0thC0Ul5LKDKsoL84wysB/47+pom0tproym6lAIACdumKAIovDsSHi7uc7mY/MOS3XtUo8OwZLG5uSS5fkr1JJxwM4yfXPbpTAutp6sGzI+WYM2ABnGOOnTiqsvh2xmLB1Yhvv8nLfMW/mWP40gH/8I/YGdpXjJygQDcRgc9/fP6VZXSrNY/LEZA2hQQxyADkAHOaBBLo1hPN5skJ3ZB4dl5HTgH3P5mnnSrJgQ0AO4FTkk5B6j6e3rzQMemnWka7VhUDn9Rg/oKk+wWuwL9nhKqcqCgOD60CHRwQwj93Gif7qgf56n86eCMj5aBj9x9Dil3c4xQAMcHGKiJPPFAEbM3pUb5PQUxmXeW0088brKYwhGePRgTj6gY+hp0hIXheaYGXFDNBJIzsWVsADnrk8/U5H5USMc/doGVJW6/LVY4/u0AdrdSx28Ek8zbY41LMx7ADk1TfUbJJNjXUAfBO3zBngZPH0IP40hEP9rWBIAuYyScKAeT9PXqKr/wDCTaWLnyRP3wWA+XO3d/KkI2IpFljSSMhkdQysOhB6VIB7UAOA9qUUAOxzSigB1JimAoHHNOFIQuaWgBe3NH40AGD60DjmgYu6lBoAcahd41baZFDehPNMCNnjAz5i8jPXtUJnhzxKnJwPmHWgZXkuINu4zR7T0O4c1WeaLYX81NoON24YzTAqySxNwJV64+8OtVneNvuyAn2NAytIKquy7tu4bvTNAHW6o0QtGE8PnRkjKHoec8/lWHLa6dDcLJHZglFKCNm2E/KvOGHXG0dRSEV7qSxtFWW30hJiEEi7DjDdMdMg49vX0pLg6fBdbbfRY5B5wDShBtJ2Elsj0xtzj164xSEbUt6bO1t/KhXaXaIKBwAqtjHoPlH4VCdWvVu3UW4eBVY7xGw6bsDPrwB6d8jIFAF172ZZJgInComRujxtPPJbOCOB06Z/KvNf6hkfZ4g5PXMLYThj174IAOKALYu7l2XbC2A7DO3h1BOMc8duvrTTdagjy7bQSAuPL+bbhenPqeCfoRQA57nUVkAS0VkMhGS+CFHQ/j09velll1Bd5jjQgvHgls7VJAfAwM4GTyf8KYFSC711njWa0hCkEuy449Bjf+vvTjPrUeWjtlkJhXAZlxvzyOvTFIQRPrqeaXSFi5UopP3PkXI69N279KsE6w7kYtxH5gwSSG2d+nfp+tAEMA1xJPKaSERokWZJDncf+WnP1GRn1/KUtrAZzJPAiIp5AzyRxjgZx74zxQBMy6kyki5iXG3I4wOOQflqvEmrAgvf27AuAAMAEAc/w9SR/OgBVS/AVGuFdg4JCtk/6wE9hwBxj8MVdt47hJnd3Uq2OhJzx6H7vP1oGXs8dapT2CTFt0jAGRZRjqCCD19DgUwKo0lA0TNO58kKIyDyANvH0O3kfj6Yrw6HBbs7LNI29Nj7jnI2qv4H5B/noARvpUO+VzMxaVNj5AwRgDpjrx/njFYaWscqss7FVbeATn5tu3n8CaBlKTQ4PPLmWRsqVZSeMbt34HOKq3GlAIyx3EgZk8slj2wBnjvx+tMCc4VAu4tjuetZ7WcQujOGYMTkjPHb/AUDO4unlVV8ldzEkcnHYkfmcD8azWl1FIkb7KjSFV8xQ4GTjk/070hMorPrfkyL9kh3l5NrblGBn5e5Hf36e9SO+tlwUhiVQ/TjJXbn+913cfTv3pCJSdUKruSMY3Y8tRx2XqT70rya4xdY4oE+fCs3OB+f0/wNAD1/tknKqgG8YBxyvfv1piQa2YbjzHjy+7bskPA24GM9OcHr60CLklveSC5USAeagVGWRl2Hn5h6dR09KSW11Vp90VzCAEYA8jk9Mgg5xjrn8KBjFt9YC7Z71GbZgFFGC2Oc/L6//qq2ttPhN0wBUkggH0xg889/0oEV/wCz777X53275TGqldvcHOfocnj9alFhM0cAkvJd8b78gDB/SgBr6bdM7eXdyJu35YknqSQOvbI/L3qzHZShYy9wzSpEUaTaASTt5+nB/PrQBUfSL2SMq2pn5htb5GwVwRjG7rz1qSfR7m4ikj/tB1V12kFSewH972P596AJI9MuY38z7YXbeHKlSoYgADPJ9PTrjpU32ORVVfNXAk8xhs685wOeOcfl+FADYrR4LppAQytuPPqSD/j+lXV6UDH7uKjO4noDTAaykioXVvb86AIXQ8Dj86rSL2A/WmMrsCOeKqSItAFSQACqpweKBnR6rNMQi20nlyJJksRkYwRjHfrWJNqF9JHOi3bLIjABjGpA+UZ7Duf0pCZINT2hfOdnw4b/AFYyMY9CO9V21ORpVIvJlQSFmUQrlgR0zu9ec0hBBdCOBYvttywRVVcxjjGM/wAXfB9xnrUpuI3Q77id32yKXMY/ix/tdsUASPctM0R+3XSBYlRlVfvMDnd9/v0/rV+w1C3s7NYC9xKQzNuZRnlicfe7Zx+FAFxdXtz92OT8QP8AGnjUy33IfzfH9KAHfbLtsbbaE/WYj/2Wjz9SJ+W0tfxuW/8AjdAC+bqn/Praf+BTf/G6cH1Hvb2v/f8Ab/4igRKGvu8duPpIf/iakH2ruIR+J/woGOHn458v9aTbcY+/H+RoEGLjH34/++T/AI0jLcMP9ZGP+AH/ABoGNKXJ6Sxf98H/ABo23YGPNh/79n/4qgBNl4P+W8P/AH6P/wAVTtt72ng/78n/AOKpgIVvv+e9v/34b/4uoXS//wCfi2/78N/8XTGV5F1D/n4tf/Adv/i6qyJf/wDPzbf+A7f/ABdAFZ0vv+fm3/78H/4uqskd7/z8w/8Afg//ABVAFR0uj1uU/CL/AOvVdorj/n4H4RigZ//ZAP/hMeRodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0b3JUb29sPldpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQ8L3htcDpDcmVhdG9yVG9vbD48eG1wOkNyZWF0ZURhdGU+MjAyMy0wMi0yNlQyMzo1NToyMjwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMAAwICAwICAwMDAwQDAwQFCAUFBAQFCgcHBggMCgwMCwoLCw0OEhANDhEOCwsQFhARExQVFRUMDxcYFhQYEhQVFP/bAEMBAwQEBQQFCQUFCRQNCw0UFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFP/AABEIAiMDTQMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTUWEHInEUMoGRoQgjQrHBFVLR8CQzYnKCCQoWFxgZGiUmJygpKjQ1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4eLj5OXm5+jp6vHy8/T19vf4+fr/xAAfAQADAQEBAQEBAQEBAAAAAAAAAQIDBAUGBwgJCgv/xAC1EQACAQIEBAMEBwUEBAABAncAAQIDEQQFITEGEkFRB2FxEyIygQgUQpGhscEJIzNS8BVictEKFiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/2gAMAwEAAhEDEQA/APq1RxmlCZpVGFxT41JrkPVI2HOKr3UkVvG1zLtRYFLiRuCgHcNnI4yM46E1bYDOahmg85GVlVlbO4SLuzntj0oEz55/Y8aFvh74okkw7NrtxctEgG4oUDB9uD6da87+FuoahqHxi8DajBb6zHYzS6jHdXF5by+bLkEgXDldh5HCjhB3r7EEOzlQqnplQAeOME854qf5/LwJGAAwMN0HHoMZ684+uaBHxJ4X+Huo6t4dtLHTdDurPxjceNGvFvjavHJBZAklzIRkJ04yc10Xiz4c+MPE138aX0vStSU6pfWUltvgaP7bbxnMojJxngAHHavrjEzRlTLIVPGOencfSm+XuY5YMcMOuOD256A98UAePfBvwlqsHxK8beKZbSfS9D1KG1tLO1uIzE7vEo3SeWSdu3Hpz3rkPil8EfEOteMPiHc2ejR61aeKdPt4bG9LR4s5o2UHfuO5OAWGwE4/KvpSOMEHJLH+8SWJ55yScnIp7RK3O7BP90A5Pr+XFJgeD+NPC/xKV/DWj6R4f03XNC0K2gxNqeohFvbqNAFlZdxJVTkhT1zzjFen6KPFyeKZItYTS5PD62ET/a4GK3D3rY38HgKOePpXVLjzMj5T/eB5P5k4pzKiuPlwMYGRzg9s4/WkBxGj+E9c0vSfF19bz2dv4p1q5eaCeZTJFEiII7ZCOuFQEnAPzOcZ610Njaa5D4PhtZ72xm8SLaBWuvLK2puAMeZs64rbSJSGGMHsStHlryGGPqQKAPJ9e+BeneIvh3/YHl6dZ+IHEbvry23mTCcOHacHIJbcOhI6nmthvh3qd34sj168123N4uivoz+Vp5w+99zTcy8NkA46ZrvRHjO1c/gakEZzkqB9TimgPOfDvwf/AOEebwWY9fnm/wCEVtprW03WaASCRcMX+bk07SfgtZaPHoUSa3qkw0XUZtVti3lDdPKWLh/k5X5249zXo7RMv8BpVjKsSwx9QaGB583wZ0L7GYWm1CWcapJrMN+bkLcW90/DtGwXAVh1Ugisfx18K5b2z8N2ei2M1zDb67Hq2qXBvjFcysEZXcyEhjIcjoQBt616pNeWcJxLd28Xr5kqrj8zWdceLPD1ljz9e0mDj/lpewjH0yeKQGZcfDXw1e+HrnRbzR7e/sbmUzzi7LSPNKf+WjPnfv6EHdx0qW1+Hvhq0tNMtovD9ksOlv5lkvl/6hycl1/284+Y5OOKguvix4Jsf+PjxbosX+9fR/41SPx3+HqAEeL9Nlz/AM8XMn/oINAHQW/gfQLZCsegaWi+b5wVbSPG/pv5U/Pj+LrV2HQ7OznlmhsrWGeb/XSxwIGlzkEMcZYYJ9M1yP8AwvjwM3+o1O6u/wDr10q6l/8AQY6c3xs0SdcW2i+Krs+sXh+6A/8AHkFAHbRKY0bY2zjGIwAOcA8euM8+wp6zTSk7p5JAOADITj6deDzke9cIvxSuJgv2TwH4zuAerDSQg/8AH3WhPiH4luGxbfDLxB8xx/pU9rb/AM5qYjvSpCjLEY9/8PXvUePmByzFfu4JOP59e9cZ/wAJV4/nX9z8ORF/19a/bJ/6CGpv9pfE26kyvhPw9ar/ANPWtyt/6DDTA7hYw2efwxn68/8A66kkUqPmJU5/i+XI/GuE8n4qXi7i/gvT/Zvtk5/XbT08NfEyT73i/wAO2X/XpoTyf+hzCkwO53qjAbl56c9aHXaMndj1JxXDN4F8dTsBc/E2dR/056Hbx4+m8vUg+FmrSD/S/iV4sn9oWtYB/wCOQ0AdvHH8wPBFSmEjLbTt9cVwi/BXT7ny/tviXxhf7evma7Kn/osLTH+AXgpsi4stQ1DPa+1e7mH6y0MZ19zfQWuWmmjiH+24H9axbn4i+ErHd9p8T6LDj/npqEQz/wCPVmw/Av4eW0eB4M0iUf8ATxb+d/6GTWxZfD3wrp+37J4W0S2x/c06H/4mkBjSfHT4eQqxPjHSZSv8MFwJT/47mo4/j14OuGxaXWpak39zT9Iu5j+kdd/Z2cFn/wAetvBbHuYogv8AIVd82T/now9s/wBaAPNv+FwRXXFj4L8aX7f3l0R4x/4+Vob4g+Krpf8AQ/hZ4g5+699cWluv45kr0fc/dy3sabtycgAHsc4/ligDzlfEvxElKmHwFplruH/MQ8Qxrz/wCNqfGnxVvshrXwXpYHeSe6uT/wCOrHXoCRt2DHHHA6egx702a4htmAklhiHcswWgRwcvhn4lXKkz+NPD9ordUs9CeQD6GSY1F/wrfxZMv+l/FDVUU9VsNKtIP1IaurvPHnhywUm68Q6Tbgf39QiHfHXditKzvYNTt47q3mS4tZFV0ljYMrKRkEEe1AHAt8I3uNv27x140vcdVGppAv5Rximx/ATwhJ/x9JrWoserXmuXbZ/ASCvSdpb0pyR7etAzgLP4CfDqLn/hDtNnP/T2rT/+hk10Gn/DXwhpigWvhTRIAv3dunRfL/47zXSIoxkU8LigCtbWlvZfLbW0FsB0EEKJ+oFW2mkZdrOxH1pnG7NLTQCNl1CsSwx0Jzg+1MXhm45/D+QAp/HrRgbifWhgIuVbOcZ69v5Uu4nnjP0xSDHXpT1wBmkBDKu9fU/WmmMrHnHNTdOgpWy0dNAQQqA3NTHGMCmxj5ulPx3zx60MBVXaMikp+Mrik2kUgE8s07G5cGnYxUZYimgHLgd6RuaZtHY7j6Lyfy7/AIVDdXtvZPbpcXEUD3B2wrI4UynqQmfvHHOBk0MaMnxD8QPDnhe8e11fXbHTblEWR4riTayKwypYYyuRyM44NbkZEkauDlWUMpHfIzXg3jrSde8J3nj3xD4ck0/xb4X1DfJ4i8OXi+XcRFIQJPKlHUCPaQGBxn5c16F4X+LnhfVJrDT0vG0y9uLWGe3ttQBgMqvErjyy3yuRuAIUk5z1pDO84pGAIzTA2cds9P8AH6e9RXl5Bp9lNd3c8drawrvlmmbYkY9STTAzvFHibTvBuiXesatP9msLbAdtpLFmOERRjlmOAAPWubuPiBqtq1h9p8GanbQX90ltDK8sB2OwJUTBWJj5GOnWuU+MRb4lfDPRtd8LK+uWWl63b6s0FvGwe6gt3ZZPLBwWK5DD128V12k/E/Q9fks20p5tTuJZd8sMUDK1uqkbmmLAbNgyecknoDRcTMLRfjZNrfw51zxfB4ckhg0x7jNnc3aLJMIN3n4IQ7eVOOfriux8I+J5fFvhXTNZksxYm/to7tbfzvOKI6qwy2Bg4YV4B4P8Exah8IfHYuYPEdtqButWNvpsL3UKTLMztAFhXAcOWHQcd8V2s2naw37O+kPaDWtO1zSdHhIt4JRZSLcJCqsziQciMKfk6NjnFPQEeyJKxJGOfSmux6gc1Dot/Hq2j6ffxBjFd2yTp5g2vhl3AEdjV2RSelAykz7qacj1qd4xHyaj37qTAidm7UzdUr4AzVcsq9aQCu5ZuKimzHyBkU4MFb5qbJJheOaAIGLelMz7GpGkG37tQSTbaaARpjnGBTSw24NJD8y/N19acy9fahjRUklYcgVAZPl5BzV4424Iqu0ajtSKKbSD0NRTSDoAastGKr3G1WoAr+buGMVCzL8wzU235cjpVUxqSxzQBE7R7uRUUqqM8dale3Xd1qCaP/aNAEDYqFy3antHzjdUbb6AIJNxXkc1WlU+g98ip5WYdqhkkNAFdlEZyvH0x/hWD4j8O6V4ih8rVtMs9Tjzu23kCyfN+QrdZw3tVeZQ3fNNAcEvw/GkyK3h3W9T8Plfu2pk+2Wn/fubJX/gLLThrPivQ4y2r6NFr1svW80N8Sf8Ct5ev/AGauxljDc96g2lWBPX1Ukf5/AiqAy9F8T6V4k3LYXaPcp/rLOTMdxH/vRthh+Vagwf/rc1neIPC+l+KFjbUbRZbmL/AFV5CfKuIv8AckXkVDo+navpN0be71BNY04R/ubm6Xbdo3919vyyD/a+U+1MDXYDBrkNF2w+Otaj3f62OCXgf7PNddtL9K4zZ9m+I7sD/rbGNvybB/SummZzPRLVTsUmrnHHFU7Zj5Y9qtiQkDiqkQj18rijkdKA3rTsZriNBGrn/E3jA+HJoIRoOu6w0qb92k2JnRfZmyAD+NdCVNCsVUgHgnJ68/XJIP5UAedt8U9U3AQfDvxZJn/npDDF/OSh/iB4omUCL4aa0+f+e15Zxf8As9d+8ZlYknI7ZOf5impC5zz9OB/UGkyDgF8YeOJVAi+HRT/r51u2H8s1Y/4Sb4jnGPBWjwZ/iuNfyP0jNdylqeMdvU0/7PtI549BSGcL/aHxMmw39heE7dT/AM9tTnk/lCKa0nxOkHEng+H/AHhdy4+nK13jW4bHGAP7uB/SlEOeOc/WgDgW0/4msmf+El8K25/6ZaVO/wDOUVGmg/EKRhu8dabDj/nhoCj+chr0MQndxTDEd3GfzoA4b/hD/GcuRL8S7lH9bXQ7VB/M0n/Cu/EEmfP+JniN/wDrjBaxf+0zXfrbjbx196kFupj96APPB8LZm5m8eeMJz/1/RR/+gRLUn/Cm9NkXM/iPxhc/72vSp/6AFrvltz2FWFgx1xigDzhfgr4Xf/j4/ty9/wCvnXbtv5SCpI/gT4C53+HVm/6+Ly4m/wDQpDXoix45xR5O7pQBxdr8Efh7bpx4L0eQ/wDTW2D5+ua1LX4Y+DbUfufCOgxf7umQ/wDxNdGsZ24qVdo4zQBl2PhfRLD/AI9tD0u3/wCuVlGv8lrRVFhI8uOOMD/nmgX+VSKppSM8UAOW5m4xLIuOm1iP5k0xpXHBYkexIoVSOaTG6mgI3y2ccDsDz/OooU2544zkdv5Yq55fehlVelDEyMBWXBGfrTliVegA+gFCsM4p272NCBChRn0/Cnrn1xTVx60qnHamMei7mpsnFLn5sin7eMmkwEjU+tK65HvR9Kc3rSEV9oAwaWNQxwDQRTcCNuDQBNtKjIpPMHI3DPHf1pdztHkKSOmcHGeO/br3rjvHutXuk3HhP7HcyW8dzrtvZXSYH7yJ0k3IcjjlevfHGaaA7PP405hubC9c4/UjP5g1AjeWuT09Tx/OuH+KmrXdxbaf4Q0iVrfXfEkj2izx/fs7RVDXNxjqNsbFVJ6llHBNAGFpehWvxv1fVte1d7uXwjbymx0a1truW2S4CHE1y3lMpYNICo56R+9crD8H7y48xk+D/hVQxwG1zX5J22/TY3Ne+aHodn4d0ez0yxgWCyso0gt0XoqquFwPbA+vJ71oLHtOBwPYmkDPJvBPwpez1KV9d8EeArOwEOI10m0M0xkypyzSxgY4Pam+EY/+FXfEKXwc3yeG9b8y+8PMc7babO+4sue33pEz0DMByAD64VIGNq/lXK/EPwWnjrw1JYR3DWWpxSLdadfJ9+2uo2DRyD1z0I7gkUAjovu9RQzHbwK5b4c+N/8AhPPDfn3NqNP1qzmbT9W04Ebra6T5XXk9CSrKe4YHiutXK4VhhicAY5P0oAEkVRgkA9wTj+dS7hyemDjoe/TiuAk8banr3jLVvD3hqOzzoqoup6jeM5iimkXfHbxxoRvcLyWyMZrntc+InjHwz4o8HadrS6JpVvq2q3Wn3F1scoIoofNWSJ3ddu9eDu6EYGadmB6/jkAck9Bj/OPxob1xXmPhXx9feI/jV4p0SPW7PUPDul6bbXUUVpDE/wC9m3b0Z1znaV4HXkVe/wCF2aLM3l2uieKdQbsLfQrnB+hZQKVhnf7M4xz9PyP1wSBx68ZpzRuuMo3/AHyf89j+VeWfFD4gajD4R8LLpdve6Dc+KNat9HE13DtubOOR23uI8nY5VSqk9NwNJ4/8H6b4K8K6l4r0CCaz1bw7Z3eoR/6RJILplt5VUzBmxIeS24gnI60AemzXUC3C2rXEK3LDKwlwHI/3evTn6UrSbV6Hkccda8SufB2jzfs1SatMI5NY/sH+238QNzem98nzvOE33s+Z26Y+XFddo1x498QeBfCd/p93oun395pkE2pNq9pLI7TNHGTtRGUcEnOSKAO71bVLPQ9Nn1C/m+y2UC75JmRjtX1IAJ/SshviF4fPgw+LIL4al4e8k3AvNPRpwYx1bCgkYHJyBgdcU7wrbeJbPT9QHiPVtN1Cdo28p9Ps2tURAjbtxaRgwyRjNfOGpeGNX+E/wZk17w3BNqvhDxD4fVNZ0uNizWV1Lb7ftkROflY/6xB096aA99PxK07/AIS7SPDY0/Vl1TVLVr238y02R+Sv3mZmI2kZGVPzc9KXw78Q4/EnjLxD4dh0y8trjQ3hju7i4aMKWlTfGECuS2V56djXBeOEivPj98NbSLXZNGuW0S/UT2piaUsfK2L+9Vgu7HG4ZPODTfhhp8C/Fz4waTdale6ol4bCM3dy3lyTgWrJLtkRUGQW25Xpihge3M/lY3nZ/vHH86qy69pdmpa61SwtlzjM11Gn06tXGJ+z98P+PO8P/bMf8/l5PN/6E5rkPGXwf8D6P8SPhhFZ+E9Khtry81CK4g+zBllxaMy7t2c7SpI96EB6VffFLwXpwY3Pi7Q4dv8Ae1GH/wCKrKk+Ovw7i6+MtKk/64TGX/0EGums/BPhrTBi18NaNb+vl6fCP/Za0o7O2tf9RawQf9cokT+S0wPNf+FwSeOppdM+G9mviGeMj7VrF+jxadYZGcuSA0jYwdijuK2PC/wtttJ1Zde1y/n8VeKyGzq18vFvu6pbxA7Yl7cZOO9UvhkXj8bfFWM9R4jRxxgrmzgweAPrxjrXon8WR+tAHKah8MfCusald6hfaLFdXN26vcmSR9lwVVVUyRghH+VQMMp/Gr2veE9J8V6adO1rTbbUrHjEE8YKoeOVxgqeB90itxsFcCk4oGjxjxRoviT4NeGtU13w1rLa34d0yBru40HxA7SvHGoyVgnA3f8AAZAw965vwTq+nfEzXoB8ULuS28QKRJY+ENRiaz0+FcZDICcXTf7bM3sor1r41RrJ8GvHQIz/AMSS8z9fJJH6irX/AAjuk+NPA+k2Wvafb6rayWcDCO5j3bSYhkhs7g2T95SD70mM6Pyzb7Y1VYGUAIigLtxxwBjoOwA/Go5GkkYktlg3XdypBwc5zz6Hj2zXm/jnWovgP8Jbu40aOe9dJ0tLCLUpzNiWdwkSlz82xSeB1PrV2fwTr0Om2ckHjTWJNXWaCS4aaZFtpgsimWNU2/Jxu27TkcVImd6oYyffZiwIHIJP04zz7Yzis/WPDWkeI2tv7U0+DUHt2JiWbJ27uG475GM5z0968O8E+Ln+yfErTdY1XxHqV3Bq99YWssKXNyYYY0HlKrRIdhy+dx7V1Hwd8a2uh/Arwrr3iPVbqdr61FxPdXTS3UssrZJI+8eArHgYGOaEgR63wo4VVAAAVRgYHAXHYYpCM1BZ3lvqNpBdWsqXFvOiyRSRtuVlboR+FT7RTGV513DFQKjYzjirhXuaqXdz5Uoj7GgCPad3IwKhkhDdajkum3nPOPSm/bB5WSeaAHPDubBpkkJxkVPE25c96WR+3egCk0TMuKY1uO4q15lJu3cigCsIwq7R0phGcj1qyw21Xk+9xQBXbg4qF+e9WGjL8jpUE0eOlAyqcmqdzCWPBq/tqCTGMj9aBlGTO3HSq2081fCiTOe1RSIOgoGUG3bs1BdZVs1oSxg9KryIJOTz9KAMs7ic4ob6mrMkPoajdNvWgCkzeoqu67qtOuarzfK+R0poCsYl71UlQR1bYmoZBkZNMCmwPpUZA6mrbNlelVC2eKACmyLjGO1O28Z603JBweaYCZHauI1PNv8AEHSGxxLayofwII/nXc7a4zxQpj8UeHJeApkli9+QprqpmczurbLIAOa0EHFVLIDapXmri1ciEewYzQtAp4wK4TQTbxmo2ZV6sM1Pt+SmfZ0ZtxHNAEQYY609JAvvTSiiTGOKliUL2FAmOR8dqRmJp67aOPWkxDeKVV+bNMDBmxUyg0gGpgnOKDkN0qdY9tP8styMUAVWUjgVIiMVxipAo3c08Z7GgCBd2cc1MFz2xT1U7s4qVVDckUAVxuK4pyKU6VMygdKcFBoAi2luTR5C5zzU6x/Lil2+1AESrRjnNPVTQY2FAETMFwDTVYVLLDvwT2qNYsdqAJByMUkkdCq3pUiqe9AFfaVbNNkZu3FWHjxTHi3deKAFib1WphHu5qNY9vGalgdcYJoAURk1Kq4XBqH7Rtzk9KlLgLnNACbecUjKduMU+P5ue1JIhPQ0CZCvzdKjkHsKnRdlOmi3cYoEeF/Hq6i0/wAV/DmWddTurS5vbyG8s9KmlD3cK2zSBRHG67juAq38DdDPiL4cxalfSf2tbSarPq3h6zvL53k0+MHEETyg53Bg2R8xTd3r0HxX4Bg8VeJfDOszald2kugTyXNvFAsZWSSRDGxcsCT8p6DFWvDPw90jwjqWrXmkNeWcOpXBupdNSYfY0lYAO8cePkLnJOD1oA5pJPizdJ8ul+DtN/2nu7qU/ksa1zvhO41jQfil4ubxbbW+o+KpdIim0RNLUpb3FjCC0sNv5pJVxJywbruQ5OBXtTLt6AY9uK474peDL3xPodtqGhssfirRZTqGkTNwJJFADwsO6SJuUj12n+Gmho2fBnijTvGnhvT9c0591peRhwCCGiboUYdmVgVI7EVtjls14n8L9aSz8TWuo6Ta3B8IeNjJdrbhWY6RqyKfPhfA4Emxm9AyEd+faVPvn0xzmhjHsxyF9RkfT1rzDxr8Tho/jC5hjuVg8PeGdPa/8QTbNxdpEP2W0X0duZMjn7g716Nqk9zY6Xe3NnZyajeQwSSQ2anm4dU+VOenNeG+EvBk+reKrPwzqbrePpdwniXxdcD7t1qsuGt7TPdIwN2OgCRikBqeEPgPZ67YP4g8Xy6sniXXJDf39nZ6pPbQQFl/dQ7I2XOyMIhbOeM11+j/AAT8E+H9VttTstDUahbPviuJ7qeZg39753YE+2K7dpDtLMd245b1JPGfyqNpPxpCZ5Xo2geIPhp8RvGuo2uh3HiPw/4puY9SWTTZIhPazhNkkciSOmUYgFXU+3FSeNPCPiXxd4o8AanPoljJZ6TqU13eWsl3Gxiilh8tIySSGcElmGMdgTWn8ZLl7fR/CflvMm7xZpUbCMldwM2HQ8ZIx2zj2r0PcfMJzj6Hse3t9aq4kefeHfAOqaL8Yde8SpbaXBoeo6Xa6ckNu5WVGhZm3lBGq4Jb+9ngc16MJX2bQzbR0UHAH4UgUD8vTvT41zQhnN+O/AumfETw3Jo+p+dFH50d1DdWrBJ7aeM5iljOCAU9wc1R0vwLNHcWz6z4i1DxGtsCIobqGKGIFl2kssYG9tueTxyeK7HafTA+nT2NRtiNue4yPf8AzihgcJbfCDw7YWUWlI+ov4fjfemgS3RaxBDbgNmMld3Ozds7ba7L7YNx8w89CQMZHAxjtwBS3EbSSROPcegOKREPmOpXccZxjJxxzgcjr3pAOljgvLd45VV4XXY8bD5XGMEY7VBY6XY6ZYiysbG3s7LaV+ywRKkWDwQEAAAx27+1ORTtKsMKKnh/eRgjoaQxyiMZbyo95A+bYM8dBk5OB254qUTsq7Q52jJA6Yz1wfc80wRhaf5Y60wE3D0rz74i4HxG+EvIJOr36jB65sZMV6DKyxxu7ERoi73ZzgKuC2SewwM56Cvnvx58StR8R674M8SaJosV34f0vXxb6Y814IJ9ZmmhlidokI4iy67WOMgMegpoD6JI3ZwCQO+MVS1DULTSrcz313BYwA4MtzII0BxnqxA//VXGL4i+Jkykw+AtFtf9q88RKW/JYjSeLU1fVfg34vTxRpmlQXx069ZbWwmN3BtWI+W+WQENnP6UMDQtbHQ/h/deI/EN7rcVta65eRX00l5IqRRMsMcahTnkEIuPWuqilS5hjlhdZIpFDq44BU4wfxzXzP4l/tn4N+Dz4M1UXGr+EdUFqug6mVZ5LKTzomNrNjkg8sjc+le7+LtB8V6tqpl0XxbFoNmU2NC2kpdyFucsHd+M8cY4pAdE3y9aTaS3HPOOOa4L/hX3jKVt0/xU1bPpa6TaRD+Rpr/CbU7lc3nxJ8XTtnP7mS2h/lCaANb4toG+E/jRW4VtGvBluB/qmA+n1q54JkF34I8OSAht+mW7DBH/ADzWvOPH3wZjj8E+JJZfGHjC9ZNLunCT6sQj4iYhWVFXK+1N+HvwL8M6r4D8O3d7c69dS3OmW0zhtdu1Tc0SkgKHGBQB3vxE8CWnxF8G3/h+/aSC3ugrrNGMtFKpDI6+4YflWVpek+N54UtNV1vSPs6Bd9/p8Ei3F0FIIBBO2InI3MCTz8oWq6/s7+AFTbLpF3d/9fGq3T/+hSGut8LeD9G8F6fJY6JYLYW0knnMiO7EuduTlmOPujigDmPBfw41fwpH4xB16zum8QXs1+M2b4gklUKwI8z5wAq4ziqWm+BbjwH8KLbwck2p65F5L6el1o0UdvdJG2eWLNgdWBI6g16XynehVJVtp6/w00NGH4JsdS0nwfoljq7rLqdrZRw3LRgBNyLt27QB2rZPFPVSncY/hGMYPr70hwVoYyvcSMOEFZ9xC0kybgTmr80ZfkNtFKqfu8sfm7UgMeSzAncAfIVx17023t/LGWAJ9DWlIp6YqvI2FyOT70AMX5Y8YqvI53cc1c5K9qa0IU5FAFJt3XFOjJ24PFWmXK9KY0YoAr7getQyfezViReMioJFNAEbnavFRMhPWpD701moKRTulMKZUZqlISy81oSbm4zx71XaHqMdKAZUj+6T61Xkb5qutHjgdKhkhyc0CRUaQL0BqtcZKnHy49KuSKPSq80fyn3oKKckh9aglkLjNWJLc1Vkg2DBagCJhULR+v51MxqF8jjtQBVkj21Xdflq1K2arNgN14poCHbgdKqSRtuyKuls9xVZ3JpgR42rgU0jLZxTg2TinM22gCPb7Vx3joFbrQpsfNFqEYz7Mrf4Cu03VyHxEYro8UuPmiuonH4OR/7MK6ae5EtjtLI741P3qvKRVDTsNCmGA4zxWisa1rLczjsexFcVJHHnrShfWnDrgVwmgxlJbgcUu0+lTc03zPagCq0bbt2OKeq4pzT/AMOMmnDkZxSYmRBStLJGSOKkUAdalbaRSEU4YdrZNXNuelMBQHB4qQMB3oAdt9qmXGOeKh88bsZo3560AP285qUKBUSuKPOHvQBKGI7U9WAXFReZT1+agBWX3zQpp2wL0pdu2gBFJp24suCOaULmnEntQIAuKGek560k3tQAFlPFRl8HFNEZLZphyWoAtr603eSMmkQk8frT9vy4xQAzzFzgg0hKt14pu05zTNu7g0AK0yq2Ov0qNpCZsKO2adtKtnbkVY+zo3z9DjHFAFZScPkDip4YWkwz9D2p6wqRjH1qUSfMFPpmgCRVAGAKa/FOXmnYDUDI9tRK/wA3JNWNoqIRYbtQSxrVLGwPHelwGp3kc5FAIRV9aeOxwOBjn2PX24pygUjDPSgo81ufCXivwb4u1i/8F2ukahpOtkXV1p+o3UlsLe7AKvJGUR+JF2lhxhlyM5NWmh+LE/IbwRpw/u7724I+mQtegBSy5OSe+cc/pQSex/HqaBHnp8N/FC45m8daBZDrttdAaT5gMZzJMcVueCPBEXgnQzZfbJNUvbi4lvb7UZ1CyXVzJyzkAnAHChc4ARfSun2/Lg/ypMY4NAETIW4xxSJGVx3qdiVpqsVww60Ac1468IDxhp+kQLdLbCw1az1Pfs3ZEDlyh57gYPvV288YeH9Lt/tN7r2l2sG/yzJNeRqobGduScZx2rxDVrPW/hx8SvHPjPwpAb3Q7K7t01rw3bAfvYTaxyNdQKORKhZywHDDHHasrxZqWna5+zrdavoX2eaxuvGkd5ZTJHsjYNqoCZwOF5wR2AIPFAkfQtx428P2usWGlTavbJqd+N1paAs0k4xkFAoOR7+4zW5zzjt19vr6fjXi+tHxAP2ivhpLrraaWez1hYl03zmY4ij3glznAPQAcc12T/DGzm8QDWLrXPE15Mtz9pjtZtVb7NGd27YIQAuzPGCDxTQMsat46uZvF0vhfQLKC/1S1tkur+a7maO3s43JESuVVmaRwMhdvTqRRZ+K7qzttTfxZbWPhwWl4sEc32oi3ulaFZBIjyBckln4/wBk+lcfHY6p4C+MXizX20bUtb0LxPBaSC70uP7RLaXFuhQo8andhlOQwB/Cu9jsF8XWMh1zw/ALES7rWz1KGOaXaqgeY64KxvkuFHJ2seBnAGCIItf0zxXpt+/h7WrG5ubVNwmtpEuFgcgkb1DYPTvivGfh/wDGHxV4guPhpO+pabr9x4k3nVdItrLy5dNt/mH2jerEogKqMOMZPGa98j0iDRdMu4dG0i0hcodtpZxpbiVgCFyQvA5968X8DfAPxB4L8LeErywl0vSfHOho9pdMJWks9UtHkdmjmwobd8wIbBII60Az3OSMMCvQd+OnvU0MYjUKPu1Xt2nEUPmqkc21S6RsXRW/iCkgEj0yBVlTU2sMGxTdwEZYkKoIBLEDGaVuK8i8GtF8SfiF8Q5Nft49Qs9A1RNF07S7hd0EUYj3NKqHgvIeckHgcVSA6b4n+GZPFWjx291eXEfh23WW61TTLCEm41JFXK26tnO1iCSo5YkDpVT4feCr6bUIfFvimzittZ8hYNM0ePmLRLQjaIkGf9cw5eTtwFGMk5vwVuLux8T/ABH8MLLNPo/h3V4YtMkmLM0ccsQlaFWPJVe3OVyOa9WVvmBxjHQjqM9/c0wFEq+XkNg+1UNc0q08RaPd6XfpJLY3kZiuEjlaMuhwCuQeOM1eWFe4wKrfMqyAcgNkfSkwK8nhvS7zQU0a7s0vtMVI0W3uyZR8hBQ/Nk5DAEHPHTmtOSX5iT3OaiySgIB5p20nrSGOAGcijduXFOVTTG9qAMfxZai58J69Dt3tLpt0qrzlv3LDA9ax/hKJI/hR4MWZWSZdFtFkVhhlYQruBHXI7j2pnjvxxN4d1Lw9oGmW0V34i8QSyJaRzsRFFHEgaWaUgElUGQFA5NYHi/x14m+F+n3mteIUsNZ0C1spp5rjTYGhmFwGRIoMM7ABy+NwOeOQKAPSmY7iMHI6gjGPr6fU1E8jZwOTnH+P5V5l4s8R+NPAngd/GV9c6fffYYUvL/w/b2WxYYeN4il3Fi8ec7mHz4PFLN8Qrnxd8QNN8LeHb06fA+jx63fakIkkmWGRgIYY1cMmWzkswbAoA9MXd1JGPXPHt9c+1OXzFYFRweg2nP5V5lb+KdY034mXHgLVNVmuhqGjvqela0kMcdyhV9ssbYXy3Kn5wwUZ6V5dH8a5rj9mm+1ibxjd/wDCbi2muEljRQwkSXYI+I9oTaCdpOeOtAH1CuWZgSGKnBA6g+lRsCRxxVDw20zeG9KM089zIbSFnmuW3M5aMHcWwO5rS2mgaKxjk243Gk8lmTBbmrZ4pnFAyrJC3l5zzVORSFrTkI/CqssW5aAKyk5pJGqTbtfFMkGKAIpH2LwaYkm4Zp7RjvTduF4oAWTBWq8mKsMPlqtJQBGy96jZeM09s7cdajZsLQUiGbC89KoyXGQ2OtXX/eLg1TkhCkigGRL945PSqzTndnPFWZY9oPqarSW+3pQSMklHTtUEzDYTmlMZ/hqBoyIyCc5oGiKSY8e9VpGHepZFPBA5FUptzdaChWWoZFNWY2Hl5I5qMgdTQBQmXdnHaqkqANmtBwBn3qq6jODTQFN09KrMTV8gE4qrKBuwKYFcZBzUn3qNvGaUDbTAbjbXL/EJQ3he+Yj7iI4x7SAn+VdTJxXP+NIjceHNRQKWzbSfntJH6it47ky2N7Q8tYwsRncgYfiM1rLmsHwnJ52i2Mm7AMK9fpit8MPStZbmUdj2fA9Keq96kZAelOaPC8Vxmg3GaYy+nFSfd60jKW61LApLndkA/jVxANvpTcBfSnH5vl7etITIlO6TAHFO29sGpVjC9OtO3DdQIqurSMflxijymqyyhcHP1o3j8aAIEt/nyam8n5qmWlOA1AEUkOBkUiw1YwCMGlVQTjNAEMMLnnvU7LtqXcEXFRt8zcUCHK26nqMjJpFXb1py/doAXbu6UgXNOb2pVU4zQDDA21HItS44xTWZf4v0oJIFQ9zik285pWyxxSrQBJGvzYxxUm0dKrtuzwaf5OU+8c0AObbUKgbuOaa0PmdSRSpbYb5mLUATqV9qAyj5cjNOht1709bdB1HNADNyxqADzVYyAXGO+2rbRhscdKgWM/bslfl8vH40DHROGkOOR9atD5ahXHmNxtp5yaBj1wOpzUcnPIIxSRr604R/Nz0oBgrCntI3amsvy5ApY1+bJpoEKzbYie4oD5IGetPaPdGVA5pfLKkEnNDAcrHGKeqgdaamEp24UhC4HpTGHNPj96a/JwaARH96hl2qfan429s/Skk+6eetAzD0Pw7b6Lq2r6nFc3s1zqkqzTi4mDoGVAihV2jb8oAJzzVK8+FnhTUNCXRLjRIZNIW7kv1slkkSLz3YuXKqwzhjuA6A9MV08YG3pU0a8ZNAmY1x4N0K91Kz1K60ezu9Rs1Vbe7nTzJIguANpbOOAP65raK55708rhcU04HOKBHl/jy91eLx/qcFpcXiWUfgbUJ1ijZjGLrz8IQo4MmOn8WO9dl4AW5/4Qfwx9qMjXn9l2hlExPmiTyELbs8ht2eGG6sePxtqPiTxhrfh7wy1jaxaCIY9T1C/ieVfPkXzEhjjVl6JyxJGM96l+HPjyfxdc+JNG1K2js/EHhu+FlfQwsWhfcCySx5AIV14IbkYOM0DR2TR7uwI7buopPK+UjJA9Bj+eKl20rMFoGV/s5ZeCCadHFhualVh64+lNUjf1oExGjDVyN98O7ZvE954h0vUr7w7qt/Ekd+9gIzHebPuO6SKwDqCRuGMiuwqG4LR/dIP1oBGV4Z8K6f4R01rLT1kCyzvc3E8775bmZzl5ZW/icnnPAGAMVspGD3GKpOjSdXqQsFG3dxQDLbqG71F5a4+Xn1pnmMOM8fSmBnYZDMPoKARaVcYHakk29qrB3Pc06Rm9MUDJHYdjQSq9DmqkzBP4c/Q1AJJGJCxkY9aAOH+Jvg3Vrvxr4R8baDajU7/QftFvc6W0wja4t5h8xjLYXeD0BIB7ml8ceH9R+L3g7V/Dd3pVz4Z028tjGLjUnjaczqytEVWN2BUMuSSQT6V6BDuVVGOnvx+op4XuBx1x0z+nFAzyjxRofjLx74Bk8G6lpVppL6hbix1PWPtkc0PlKAJHhiU72dgBgMFAyeat33w1ufD/jbSvFHhVLd5bbSl0O70q7YotzaoQYmVwCQ4IwexHevSpGJAB6ds849fQ/rTGh3f0yM4oA8/sfB2qXXjW58a6vHZx62mnf2ZpmnxSs0VtETvkaSTbktI3BwvyjpnpWBonwf1/T/AICX/wAO5dV04z3Mc1ut5G0zRrHK7MzFSASw3EDnpXrvldQAPpjGamiXaOnP1poDL8P6fcaToun2V28Mt1bwJC8lupEZ2YAwD7CtHtUnA4o3d6Y0RNzTNvzVJimsKTGRyDNQqy9TU78VX8k7elITKsjhZPrSSyKnLU9rfMgzSSW/y8/N9aARWaQUsY3Lmk+zHtUscTKuDQMjZflx1qLyV71Zxt6VFtwc0DKzR+X71UlBDZI+Wrz9cGq82SNvagEVulVJG3MfarzLVGRDvIWgGRNnbk4xVZn3Z4I+tWpOFwTzVEeY2cLn/eoENK7OnWoJAAAO5p8m7zOnzelQysS4PcUDIm+U1WbDEAipJdzNUDZ3LQUMZfy9qhm6YFWXXaMiq01AFTcD1NV5Pvdatsqr1WqkiDdmmgKr53cVXmYK+TVw4LVFIgZs4FMCMKCMZqNqkKDtUbUAN+9Wdrke7Sr1P70DqMe4I/rWkq4qC7j8xGQ87sj863juiZGZ8PrhJPC+mHduPlYOfY4NdgibhmuB+GLf8U3boRkxtIh/Bq75D8tbyMke3hc05eVwaF7ULwcVxGgMu7rScU80zHGKTAhWMZyTTFVs+1WFiHrUgRakCthvWogshfFXtgzinsqjkDmggosxYYqSNNrZPJqZYg3QU8x4oGV9x7U8ZzuPWpxCFGRg0CMFcUARsxPSpI1G7PNL5YFSR7aAIpCS2MGljjGchj+NWeGPvTDEFoEx0a+tP27Rimr8pxUi89aAQ5QOwoK/LxQfYUuOMUDG8e1RSMP7tSmPFMZdvSgllXac0+Nf7v61MFz2NEce3INAhxh9P1pdu3ipDwM0xmG6gBPLz1pPLPXtS7qlWTcMY5oAXbjpTafjNLtoGiEqRTFjfzt2flxj3qwcUFuOBQDIApaQ571P5fFM2lpMjipdooBETrtGaa0iquSakb5hiq80J24wKBka36zMQvQVPHKrdDmqwg4G1VU96kW3bduBCn/doAuCcetH2he+aZ5JxndmkEINAMkDbuvFM3NkjB4pVhLdSaJ7c+UQn3j3JoJBpCpA6E1MPvZNVLex8hyzyNIe2at+TQAjOe1Nfaflp200nlBl4BzQNCRr8uKnT5VwaijUirIUSDJ4oBiMc9qUp8uKcAC2KX8R+YoEeY6X4V1rwD8RvGWs2mk3Ou6F4nlt78/Y5Ilns7pE2SArI6Ao+Acgkjpitb4b+C73QdV8W+IdWSOLWvEt6l1Pa27eYlnBFH5UMJbHzPt5J9Setd1jdg8HHQjGfz5zUe0eoJz6gj64HU0DQ6kdSeehp4Abpz+BpsjD+I4oBkGzbTPLKtk1OxDEAct6U1mOcbSTjPSiwgwfSovLLScjinqzN0FOVt3yiMlvbmnZjQ0wqBnApygbun6VMIyq/Mu313dqqzahZ2ZBuLy3t89pZlT+ZpWBku9WPQUwsp+UfKaw7zx34ZsXYT+I9HgI/v38Qz+G6sO9+NXgCxkYTeNNBjKjOPtyN/ImgR3KkdulMZPM715037QXw9hiGzxVZ3Cn/n3SST/0FTSw/tBeDJv9TPrF3/166JeSfyiosM9F+zKe2aUqAoxye/Feef8AC9NGf/j20Dxfcf7nh24H/oQFB+L13JzB8OvG03+/pqR/+hSCgaO/Khf/ANeaVcbf/r155/wszxJPJiD4XeJv+281pF/7Wpf+E38ezSH7P8MLja3Q3OuWkYH/AHyTQM7+RenB/I0ZX6/7vP8AKvPJPFHxKZcr4B0aD/rv4iT/ANliNRNq3xWlXI8M+ErX/rtq07/yhoA9KXazcYP0IpGXHp+dedxy/FqTDSJ4IhH+1LeSf+yipmtfirK2f7W8G26/9M7G6f8Am4poDu26UmeMYx9eP5154mg/FWSX5/F/huH/AK5aE5/nLTm8K/EpvvfEPTYf+uPh1P6y0wO/YgdSB9TikfpngfUgfzrz7/hDfiBI2H+JbRe8WgW6/wA3NQf8K/8AGjDDfE/Uh/1z0q0X/wBlNGgHoczAAk8Co472OVflbd9BXnE/w18WTRkP8TfEDj/YsrJf/aVUovhj4iQlf+FleKM/7MNkv/tGkwPTJpVEoANSySDbzx9RXmK/DHXpWBk+Jfi0H/Z+y/8Axqlb4V6zyf8AhZXjAk9cy23/AMZpAeiySfh+FR+acZrzhvhXq+NrfEvxfj2ltv8A4zT4/hXqwGP+FmeLl/3XtT/7Rpodz0STgEmoXkVVySAPciuEPwp1dVJX4oeL1J/69f8A41UbfC3xAvC/FTxVt/2orRv/AGlTHc7p3UkkZIHoCf5VBMyqcmuGf4ZeKI1IT4pa2Qf+eum2Tf8AtMVXbwJ42hz5PxRu2xyd+jWj4+uBxRoB3TMG6ENnptOaryMsXJ4P0ripPC3xFjz5PxGtJyvCifw5Gxz6YElZl1onxLjmYjxf4dus9PN0N0/lKaAPQZpEbqv6YqAY7HOPTn+VefNF8U4Y/lvPBtwv+1Fdwn9GaoI9T+Jtqx3aJ4VvV/i8nU5k/LfC1JgeiSbcAcbj781UkVce9cPN4u8ewxhp/h7a3A9bHxBCx/8AH0Wobn4la/blfP8Ahz4hVB1e1ltrgH/vmWkB27RrnNV3hVsHFcLP8ZLS3/4+/DPivTf+umiTSf8AosNUCfHHwWCWuNc/s9Qcf6faz2//AKGgoGjupIz0qvIu3pzWNp/xE8Ma3hrHxLpFznsl7Hn8s1s/62MvEyyp/ejO4fmOKsorSDdVaVcVZZgOpH5g1VkZWPX8O/5daQFOQ/NkVC8mKtybdwGQCe3f8qgeAHnvQBDCd2eaRoyKkSIR5xmmyswOOtMCOoJsqoYfeFTfw1FIT5fNbIiRzHw3zDb6lAOkN9Mv0Gc130bZWuA8GgweIPENupx/pu8j2Zc16DAvyc1t0Mke5rxS7fmzSU4cnFcZqLjNRs21Sx6VL92kkj8xSP4aBMgVjIm77opjSFaf5O1cbuKPJLDPFSIYshY5qWOQt14oMYWpPLFICNpmjXimiZs4PNWfLBU57VGYfm+XH40AN8xhwKcrl/u1J9nGTyRUixqq8UANXLcmgE9OlSqu1fWmhPMagQ1JMtVlV9aasKq2Tx+NTcLnvj3poBNvzZqQL8uKYvzU7k9Of93n+VMB+0U08U7cD0+b6c0Ej0I+oxQAjLmkwD1p273H5ikxxnr/ALvP8qBMRj6VX3FixANStn0P5UkOW3YGecetJghyqCvINN8rc2ae0h6dPrTmLDt+opAyF1btUkandu70m4qcNx9QRSvdRICWmjRV6l3C4/OgRNjb1pTxz1rKm8T6Pb/8fGsafD/10u4x/Wsi4+Kngy1DCTxdoaFez6jCM/TLUDR1YwaTb8uK4Gb48fDqEsG8a6Kcf887tZM/985qu/7Q3w7AJj8SJdf9ettPN/6AhoBnof8AEcVJ715yvx18NXDN9ktfEV+P71roF44/9F1IvxiikLLbeC/Gl0F6MmiOgP03laBHfhVJ4OadtHevPk+KWuXH/Ht8MvFkw/vSm1hH6zUf8J547uuIPhbdRD/p8120j/8AQd1AHfMozhQW4z8oJpCxzGFwfUgivPW1v4nz/NH4J0GDnpeeIdxx/wABhqbzfi3cMQIPBNjH28ye9nP/AKCKaA715BCgOetLHIrzYU5GM5rz+bRfindKQfFPhOxLNk/ZtHnlwPbdMKT/AIQn4gSzsJfiVDFGwwfsfh2BT/4+7U9APSYm8xiq8t/dqTacZ2n8q80h+FPiBmJuPih4ix/ds7Szg/XyjU4+DbTN/pXj3xvcj/sLrH/6BEKAPRPLLjIRj9BmkZfKzvIT/eOK89k+BHhi4XF1d+Jb/wD6+vEV23/oLrSL+z38PY8h/DUV3n/n8urif/0KQ0mB2N7r2l6eSLrU7G2I7TXUafzNZF78VvBenx4n8W6HEexbUYf/AIqqNp8D/h9Yk+X4I0L6vZJIf/Hga2rXwL4dsVVbXw1oluF6eVpsK/yWkBzMn7QHw5giyfGOlyHt5M3m/wDoINNj/aE8Dzt5drqGpag/92y0a8l/lFXfW9jDa7TDFHDt6eUgT+Qq1ukYYMjke7H+dNAeen45afN/x4+FfGeof7UHh+ZR/wCPhak/4Wxq8+0W3wz8XzO3/P1Bb2w/8fmFeg+WzR4Z2b2ZiRTIY127sc+3FMDgJPiB44mO23+Fd4B/evdds4x/46WpsniD4n3BV4fBvh62Dfw3fiF3P/jkJr0TyR359iKlwOgXB7E8/wCFJgeZR3fxYuuPsvgvT/8Aemu5/wCaLT2034p3S/vPE/hW0H/TtodxJ/6FMK9GZQpz0/CmlVxgYH+frQgPNIvBvxAuMi5+JKW4PVbHw/AP1d2qU/C/xLcnddfFLxEyYx5dpZ2cH/tI16GFAbNOZio+XpRcDzn/AIU20y/6Z4+8b3Tf7OqpD/6BGKQ/Avw9Nzdan4ovz/09eIbpv/QXWvRmYuM03K5xSuB5/F+z38PV5l8PyXZ/6etSupc/XdKas2/wD+HVvIGTwVo7f9d7cS/+hV3SyFelSqxxmncDlrf4XeDLDabXwhoEBH8S6ZAG/PZWtbeH9Ksv+PbS7C2OMEw2kaH9AK1GApNvGaY0RW8K24AijWIf9M1Vf5CpzJJ0MsmPZj/U01WNIzUrjGSqz/xt/wACJNR+V8vzHP4D+tSMwpM7hSAiVBnqc/X/ABzTnjDx52rjsMUm4K2TSmQjjtQAxokRsimeSm7jAHsBTpCeuDSZNAEYUb1Xp+FTcquAaqySfMuOtSqSfegCVc9eM/SmNHjqBTw20U1s96BkbDcuM5+tM8oYzzT2+WmszAYoAY+N3AwKiZEGeOTUbzYbrzTJpNycZzQA9lTG4dKY23rmqzyOOO1IrMV560APaMM2aYABSSMexqCaT93x1pgSlgVpB71EuXUAVIyhTg0MaGPyuK8y+PnxG1T4UfDu68T2Nraah9ilRJbW8MgDqxwNrKcrz9a9LkUt92vJv2mPDmq+Lvg3rmh6Pptzqep3jRLDDCo4KyqxJJIGNoP4mhAzG0v43alb+OvC/hfxFpVgx8Sacb+zu9MeRlXCk7HWQcD5TyCa9ZkhDryOfrXy/wCGfhv4l+GPj3wv4vtvDWp6zY3dhFY6pY3EbT3ulyhFDvFvJYIT2Unq1fTzyO0ZYDA96LAiGaFCvTiqrQouQF+ucH+lWVbctVPMYSlT1NIYPCGGf/Hc5FVriESYGTx0IOP55qy0nGKqyybTnr9KYFeeNvmAYgN15qrNE02RKwlUnP7xd1XZ5AOKrNNHnGaYGDq/gnw9rTFr/wAPaReehmsY2b88CuYuvgn4IkJaDRDpsh/j027mtj/46+P0r0KT0quw29KAPPJPhjcWSY0rxt4o08f3bi7S+T/vmZG/nVGTR/iBpYzbeINF19I+kep2ElrI3/AoXI/8dr0iTDcVUl2jseOhzQB5/wD8JZ4t0z5NU8ETXKKMmfQb2O5Qf9s5CjVGnxc8OSXK2t1fTaHeN0t9ZtntGP0LgK34E13UiBSSvynPXrke+MfzqneW8VxbvDcRRT27cyRzhXT8QwwfxoAZa30VzCJYpUmjYZV4mDqR6gjilZxkE8D3OP51xuq/DPw1YrcX1rBP4WkjUyS3WizvagY53Mi5RjgE4ZD0ptrF4v0uNJbDUbHxdYMN6C6Asrp0xkbZU/dsT/tKKAOywWwMYPamyL+7xWRoPieHW5ZrWSxvtHv4Rulsr6EoQv8AeRwSjD6MTWzJytbRA5Dw/mLx5ridCywy/nHivQIs+WK8/hO34lTADb5tgjfiGx/Ku/hyyCulbGR7vtpyqQ2adRXCaMc2P/r9fr0qrPewQpl54oh6ySKv8zUt1bx31vNBcKZIpY2jcZ5Kt1GRjH1riE+Bfw8hXCeDNLb2ljZx+rGkxHTHxBpsePN1KwiHrJdRqB+ZqvceNvDdkn7/AMR6TF/vXsf+NY8PwV8DW7PjwLoALHG19OjPPp8w5/CrK/DHwdbowj8H6DEV4IXTYeOnqp6c/kaSEJN8UvBdqpM3i7RI8f37+Jf5mqh+OHw6XGfG+hZP8IvUJ/Q1o2fgvQbbJg0LSIgf+edlCMHjIOF4IBB/GtNdB0+HaU0+xibGRttIwT2PG31oYHJn49fD3nHjDTJB/wBM5Gf/ANBBqB/2gvAUeduvef8A9cLO4fP5R1191q+lab9pSW/0+1NqiyTq0saGJWICluRtBz1OBV6xvTdQRXFndCe3kUPHNbyZRlI4O5TjHvmkBwf/AAv3wfJt8ubV58dfJ0W8b/2lVkfHLQpFJh0rxRcf9c/D91/VBXoYmuG+9NIf+Bn+hFNRWbI3MoPvQM8/HxlgZcQeDPGk/wDu6I4/9CIp8fxYvXUeX8OvGkr/AO3YRp/6FKK75YWb78hb/e5pWh3YJPzfUn+ZoEzho/iP4kl5i+GHiQ/9dZ7WP/2tT28ceOWZBF8Lbz28/W7MZ+uCa75VwMD/AD+ead5YZfmGT2piOAXxV8RZlYR/Dyyts9PtPiGH/wBljNH9s/FO4+54V8MQf9fGuSt/6DDXoWNvfH0pQoXp+mR/WmB57LJ8V3+b7D4JgX/ppd3cn/tMUR2PxXm/5ingq0/3bG6l/nIK9B2/TH0zS7vr+dAHBf2H8TG3b/G3h+2z0+z6DI385xTW8H+Prhf33xKhX/r38PwD/wBCdq9A2/5zQyFvb6UCPPx8OPFjriX4qa0D/wBO+l2UX/shqs/wp1ZpCJvib4vkBOfke1j/AJQ16USAM1Ay72yKTA84b4NxzL/pHjbxtOf+wyY//QEFIfgT4fk/4+NU8UXf/XbX7r+jivSSFHFJ8oXNCA80b9nvwLJgXOm3l8T/AM/Wp3Un/oUhq1D8APh0pB/4Q7TpG7tOHlz+Dsa9DZRuBqSP8Ke4HG2nwX8AWqbU8E6CB/eawic/qta1r4C8MWY/ceG9Hgx3j0+FT+i1ut7U8DcuKAM2HR7G3ZfLsbVNv92BV/lWgm6NTjjPqc0u0bqeMEUAJFI+0je5z2JBH6ikmy/3mJ9BnOPzpy4Wkb5qAGGPf1OR6c/1pdueoz+NOTjpQeO1JgM2gNkcfpUiR7f/AK3FR7hT423UgFAJOAcU9EVe3NKv3qDx/j1oAXbjpUirimZpd3+cUAP2U3gHJ5p/G3OajKhugYn2BP8AKgBzcjNR5NKMkcDP05/lSfexgUAO3KKRGB6HNVXZhv65P3Rg5pqq7Mm4NGnfIxTQGl5g257ULt6A1AscjtIoRig746VWuJlsriFZZFiDdd7AYoYGpxSL8zZ6fWsi68V6HZLuuNb02D2lvI1P6tWNdfF7wJZ/8fHjXw/H/wBxOE/yY0gOtlkIqDJPauCuP2hPhtCWX/hMtNndf4bZnmP/AI4pqIfH7wPJ/wAe19qN8e32XSLuTP0xFQB6DnPcfnQ2dvrXAL8a9JmZhaeHPGV9joYfDs43fTcBTv8AhZ+p3gzZ/DTxncf9drSG3/8AQ5hQB3itxg5H4GmtHubmuEXxz4xmX/R/hVqof/p71eyj/wDQXapV8S/EWYBo/h/p8AP/AD9+I4x/6DE1AHchlz94H6EGpY23Nx0rgmvvitcJlfDnhGxHpcaxcyn9IqRbX4sTbd194Hst3pbXk/8ANlpoD0Feccqc+jA09vlXv+Rrz5tC+KEygT+NfDtmR/z56DJJ/wCjJzSf8IR49uA3m/E4w7uv2Xw9ap/Mmiw0d4rfX8jTWb/Oa4SP4ZeJpuLv4peIpB/062VlB/7SNL/wqOX/AJb/ABB8cXH/AHFI4/8A0CJaQ2dudx6DNPaGXGAjZ/3TXn0/wR0m6/4+vEfjK7/66+Ibj+hFRr+z74MY7p4dYuj/ANN9fvm/lKKBHdMxHLELzg7jjFVrjULa3kxJe2qf706j+Zri2/Z3+HjL+98Mw3POf9Ju7iXP13SGrC/Af4c2/wDqfAui5/27YH+eaBo3n8ZaFDxLr+lxn0a+iH/s1Z938UvBdiyi48X6FFu/vajEP/ZqYnwf8CwrtXwV4fDf3v7Ni/qDV+18C+HLL/VeHdGgPbydOhX+S0Azn7j41/D23V3PjfQWYDOFvkb+Rpkf7QHw3RNx8Z6W4/6ZSM//AKCprrB4b04tiOxsYRnkx2cYOPyrTjtEhXEUEMQ/2YwP5U0CPPG/aJ+HhH7vxEs3/XG0nf8AlHR/w0F4F27l1DUZvaLR7xj+kVelrJJCvySMn+6dv8qX7VKOfNf88fyxQxnmk3x48LKuUg8QXH/XLQbv+sYpj/HPRn/1eheLZT/dXw/cg/qor0xrub/ns+PZiKgaRupYk+tIDy6X4wWrNvi8IeNpz/seH5P6kU0/F3cuE8C+Om+mikfzevTjMWGMn8z/AI1F5mc89P73P9aAPMV+K0+cr8PvHEg99IUfzkob4qXfUfDfxxn/ALBkf/x2vSmulbCHkH8aRmONvb8P8KaA8yb4qX7Y/wCLa+OP/BdH/wDHahPxYveh+GvjfP8A2DU/+O16ZJIFAOP0FVm+8DlsHoccH9P16UAed/8AC2byPG74c+NVx/1DEP8AKSg/GCbdl/h543C9yNKB/Dh63/GXxB0PwHDBJrF6LZrk7ba1iBee5b+7FGoLOfoMe9c7H8YzpqLc+J/DOseFNKmIEGo3zpJHtP3RPsYmBj6Ed+cUgI3+M8XPm+CvG0OfXRHP8mNVm+NGljb5vh3xdbg8EtoFycD6AV6La30GoWsdxZ3MdzayDck1vIHVvoQTUjyFfl3ZLcnBPT169KaA8u/4Xt4WjX5rbX4IwMENoN0AvBPZD6+naq1x+0D4FjRt+pXsCg7T52lXaYPHHMXvXdeM3mk8JeIBHJLG39nXP7xSRtPkuVIP97OK+X9L+IGveHvgTqug61qV2t3P4eGqaDqwkdXnhIV2iL5GZIz36lTTGj2BPj18P85Hiq0jXrmaOWPtn+JBViH4xeBLzDp4z0L/AIFfIMfma6nQ5l1DQtOllWOUSWsbFpQGz8gJPP1+vBp9zo+nXjEXWm2Mw/i860jfH/fQNAznv+E48O35UWfiLSLjP/PO/iOP/Hq0xdW8keI7qCVu2yRTmqt98N/B+os32rwpos+f79hF/wDE1gX3wS+H8rbj4P0iL/rhbiHH02YpMDqrmGQQh/LbDdPesth5YIfapHqcVzn/AAo/wZGpa1tNS05j0ax1m7ix+AkqJ/hHHbsWsfGXjGxJ/u6t5v8A6MVqEB2K/c54J7nj+dV5CBnJAA6nPH51yP8Awgvi6xj22XxHvCo+6moaRazj81CVXms/iVZsGj1TwvqqL0ae2uLSQ/Vkdx+lDA62RSqk+gzk8D9aozZxXMSa547scm68EWd/HjDNousxk/gsqIP1qtJ8TUsVUav4W8TaKhON8mmm5iH1aFnpAdNvz1qFNlxcJFIodGbYwYZUj6Vzlh8VPB+rXIhtvEenrOf+WFxL5En/AHzIFNdGqk4kQhgfmDKQfx4oA+cPhbqV3NrK+GLH7Yxa11SHUEuC5t9omZIZE3ZUHLFMoMj0r3rw/ZXFjoel2t2i/aoLaOKQBgwLKMZHGMfhXI2/wltdF1bT9R0jVZ1vLO7lnb7ciyF45zunjOwIQC3zL8vB9K7+NiqnhQG7cCrAQBu7t0xwT/XP5DFIV3KRSnAo+7mtYgcVqf7n4iaYxbb5tpMpP+6Qf616HbfcrzzxZGI/FHhmVT8zNPESfcKRXf2jFosmujoYs+gNlG3nFPVd1KVIauC5qyOmMxXORUhXjdwB0GT39Khu5NqFeAx9SKLiPib4kzXM3xc+M9va6RqGtR2WkRyW0dvfNEmnyNHGWnUGQE9ScKGPtXZeF/FMOpap+z3b3Vyvi37RFd7dZmluIpUkQYfKbhvx8qfOM4XNeoTfs5aNe654k1e48Qa8LjxFH5OqLbSxQpPEMYjH7slFwAODnHetH/hQ3hHT7vwvc6dBe6d/wjMTxadDYzqkab/vuwKksxyTnPWmSeBfCD4uXngbwHZ6Xpln52oeIvGOoWsU3kPOsKLtyVjVgWIwBjPSur8b/tBePPB+m+GZNc0NPC1veLNFf6gbUXCJcrJsh8yMNujRlyxIyfmPBArvYf2a/A8fhuDRFsdQa0t79tTguGvnFxBcNjc6SDBGccin+LPgXa+Irnw/Dbo0Wj28qx6rHcXUsn2+1Vt5jkXJ8xnk+ZnY5/3hxQI8f+IniL+0tQ/aDheDT5hB4ZtSl7bW4WaQSIjKrPkhlGfSu+/Zl+Ij+LLa30MXt1pyeH9IsoF0G6tUjklzCCbgttDbCSMAn+Yz6Hd/BXwfqNzr09xoLTvrqCPUg11PtukGAqMofhFAGAMVo6V8KPDWi61aatY+HYLXUrW2W0iulLl1iVSETJbkDI657+2Exo7BZPl6igS85FVkUpgBhz/tCiS5tbcZluoI/wDflVf5mkMvoM9Oakjj+bcetY6eJ9GtOZtY0+L/AH7uMf8As1V5viT4Rs/+PjxVosH/AF01CEf+zU0B0i4FOrjJfjF4Dhfa3jPQif8AZv42/kaqv8evh1GMnxlpLf8AXOff/wCgg0MDuzShgfavPD8fPh/zs8RxzY/54207/wAkpi/H/wAFy/6m71S7/wCvfRrt/wCUVCA9HpccZ6V57/wuzQ5FY2+j+Krrau7914euf/ZkFO/4W/Ey/uPBfjaf0/4kTJn/AL6YUwPQPl9R+dH4E/SvPv8AhaeqSHFt8NfGUv8A10ggi/nLQfiD4pn/ANT8LNdb/rvqFjF/7UoEzumhXaSOR9apzXDRsqqRlm2jmuRbxh4+kyIvhn5C/wDT1r9sP/QQ1V5NW+J88sTx+DNAtCvIFx4hJ/lEaTEdwJT5hBOSBng5pomkYBmbK+wzXDM3xVkkZjpPg+1BP/LTUrqXj/v0KfFpXxVuFAk1LwXZqP8Ap1u5v5stIDvmY8FyB9SB/OrEJ8xPlyzewJrgP+Ed+KMgO7xt4btc9fsugyH/ANCnoXwX4/m5l+JVvCduP9G8OQnn/gchpoD0ZV+XJFD/ACtjp+HSvPk+Hfi6VsS/FXWcf9O2lWUX/shpV+FeqSSf6R8S/F756+TLbQf+gQ0wO/ZW5+VuDjoakWF8Z2sPqprzz/hTNvLnz/G3jqfnP/IeMf8A6Agob4E+HGX/AEjUvFF5/wBfHiK7b+TigD0PyXDYKkH0IIqCS4hh/wBZPFGO5eQDH615/H+z94AxibRJ7w/3rrVLuU/+PSmp4/gL8OYeR4M0uT2uI3mB+u9jQB1V14q0LTv+PvXdLtf+u97En82rGvPi94Gsv9f4z8Px/XUov/iqSz+EPgSx/wCPbwT4di/3dKh/+JratfCeg6a2600HSrU/9MLGJP5LQByN18fPhtb8v400mQ/9MJTL/wCgg02L9oLwNIu611HUNR/68dHu5v8A0GKvQo1jt/8AUwQw/wDXONU/kKkW4k7SMo9jigDz0fHDRJ222eieLb33h8OXI/8AQlFSt8VL1m/0X4ceNLg+smnxQL/4/KK9ANxI3/LRz9WNO2sP4j9Mn+hFAHnqfELxfcf8e3wr1j/t71Kwh/8AapqT/hKviNOuY/hxY227/n88SxDb9dsbV6Crbuufz/xzTSoDY7d/egDz/wDtD4szcpoHg3Th/wBPWr3U3/oESUNZfFiZcHUfBFkPWOzu5j+rrXftjPTA/CgOduDn86AOBbwv8Tbn/XfEDQ7T/rz8Nlv/AEOc0p+H/jK4wbr4o34P/TnollH/AOhK9d6vyrjJ/Ol5bpSYHnTfCPUJiwn+JfjKVX++sM1tb7vxSHimt8DdLbDXHijxndP/AHn8Qyp/6AFr0baSc0yTO3FCA88H7Pvgudt11Bq+oN3a91y7mz+BkqSD9nn4cW2D/wAIfYXDd/tLyTf+hsa9BjOanZdvSmByNj8I/AtjzD4L0FPrpsLf+hKa2rbwnodq2bbQtLtv+uNjCn8kFaElyEJG1umaRrrHSkBJGqW64hjjhHfy1C/qMU7zH3Z8xgR0wen51XZiaFY9PbNCAsLI7Lgux9MseKZ0AHGT6kj+WKhMh7UMpOGPUUwJt4ZvmyfxpvPOCQO2DSJHnB9ak8s0mAits5AH5CnZYnk7iOlG2nKhU5FCAFJ/yaCo7Urr6UKuOtMaHDFRyZqXbTCpakyiIrntTV4HNWMCoyuO1ICFuvtSZqcwg9qYsdAiszHfjrSSIduD1qdo9r5FG3PUUAQxxgHNSCFiM5pypipGYqtAETD5cVVkk64B4q4y5qvJbjkZODQMr7i1Ix3Cp1tx6mkkhI6DNAGfNJ5ZIzUXLKxOcVeazWRiWpptR5ZUHg0AZK584BT8v41ohDtwetKtnHHt+9lenNSfhQUkVJLfcwx0JxXjWv8AxA1rWG1gaNc2PhPw5pVzJa3/AIr1oiRi0Zw/kQZwMEH55TzjhTXtygMwx2Oea8l+Fuk2WqWvi+0vbO3vYLTxffzxR3MQkVJN+4OAf4gZOG600Jo4Lwh4f1PWL6W/8FWFxbm6+S68e+LFM17dj1t4G5x/tEIntXtPhPwmnhXRXsP7Rv8AWTI7vPdatOZpJ2f724H5QvAwgG0eldEybm3MWbAwAT09we306e1Iy7RgUxHl+o/CibQ7ybUPAuo/8I5cSEvJpUymbTJ2H/TLrC3+1Hj6VjSfFzxGNS/4Rn/hA7xvGSR+c1v9qRdOEWcfaPtOc+WTxt2546V3PxWkmj+GXi+SCRoLlNJuZY5omKujCIkEH14rhNFuXuvi3oFw5DtdeDYjuYZ5W4B69T9/rmgZ0/hvQ/EIsdQbxPrcN/d3yGMW9hbeVbWKlSCsOTvY8/eY5rkPFHwA0vxL8IbDwLdXz+Zp9uI7PVVhHmQyAbWYLu6MmVIz0Oe1etqvrUUgCrk9aQzx6+1270q607wzoPiSCy8R6TCsZ07WbQxW+rqIxzHIQWPT7yMep4ra8K/EKDXdSOj6jYT6D4mhUtJpdyCScdXikGRIv0PccV1nibw3pPjDSzp2tWEGp2Tc+VOCdrdMqR8ynH8SkN7157r+hQeG/HHwztbaS4e3jW/s1a4lMjsixIwDMeT0pAehzZ2ehqpJGZISTwa0jGJFwajbGCCMA0AZBAWMA9qryE/3q05LdWXBqpJbjJGelAEIJaPNQSxgLjNWlXy1xVeVAaAKMnTnk98kmq7F9zMrMCR1yc5/DA/SrcgGM1XceXTQzK1bSbPW4hHqVna6jH3S8gSYf+PA1x8/wj8K+cZNPsbjw/PnIk0S8kswD67EIT8Ntd3OfSqbn5uKYHEt4Z8V6VtGl+LV1KKPpa+IrRZCP92aLay/98mmf8JhrWh8694Uuo4urX2hzDUISPXaMSL+CGuwk/1hOM5pMyBsqSueSc5z7fT8aaAzdB8UaP4qjeXSNRgv1RtrrG2HQ+jKcEH2IzWky5Ws++8PaXqeqW2p3Vhbzapbn93fbMTAehbq30Jx7Vo54q0I4fx43k3fh6fP+rv1Un2YMP6Cu7s5ALdT6jNcR8Svk0eCXdxDewv07biP612Vi6/Z1J6Y4rr6IyPo+MY4pwX5uajGQ1OOQwrziytrFveXml3Fvp98NMvJF2x3nkCUxn12EgMfqa4h/h/4vZQZfilqIb/pho9pH/Q16FUF2zKmcCgDg/8AhWuvSfJL8UfErr2FvBaQk+/+rNRSfCK8mLGb4j+Mpg3XbdwJ/KKsT4qfHK3+GHjTwbos0KtBqt4E1Gdh8trC24RZboCWycZ+6jH0z1Xjj4qaB8N5dMi8Q3E9o2pymC08m1km82QfwAIpOcEfnQSyg3wciZdsnjfxvKPfWdv/AKAi0o+B+iSgC41vxddcAhn8QXOcHvhWqKH49eDZvDWq65/aE0Fppdz9ju7a4tniuopycLGYmAbc3bjsc4rkfiB8fItQ+EvxB1XwpdXmla74Y2R3C3NsglhlL/KCrBwVI9D9cUWEdsnwI8ISZDvr0pHUSeIbxsflIKcfgH4GYhZNJup88DzdVupfX1kPpXMaD8f7OztfDui3kN/rHiN9Gsb+9a1WMbBOoG4gsC3XcQgYgAkgVwHxE+K+rxaH8dbrS/EmvQahoL2qxRSLEkdk+4KPKKFi245zuA6iiwHta/AH4eFgZPCltNg4PnTTSc88fM554qxb/A34cpyngXQ2Hva7v5k15V4Z+Il9J8TvC1ld6lrlzeR+CE1B7I3EYsbomIO0jr94SZzzjHvV74dftUReN9Z8D2z+ErvTrDxZNcwWd7PeRyESQ9TsC8qD8vPftjmmgPVYfg/4DhX934K8Pj/uGxH+amr9n8P/AAna/wCp8KaFD/uabCP5LXQRjPFPwB0pgUovD+kRHMei6XH/ALljEP8A2Wri2sMS4SGFP92NR/IU8U771AAkkkedjbP935f5VL9ruJvvTyH6sT/OoKdj0oAk8xv7zAdDgmmtI46O359PzpKVsGgB24leTz+B/nUUm7oOn1P9SafnimtSYEa8df0pV+8cYB7Ug5pzdcikA0KPc/iB/SpACowOPxpop3FADAxUZ/rTVYdv1apG5XpVRlYdAaALK3CRsfmqQyLu5NZu0ttGwgjrmpkLSMSQOKYGgrDsc0zzvMYgnkVFApXf19qfGpUqNvzd6AHhT6U5gNtG04zkkYyPcetKv3STj14OePXj/wDXQA2P5eRSMTmpEwVOOQOpHP06etNbGQeuaGAY96ay46UHIOOKVSCOuV6Zzx1x16UIB6rmp4+evFQp8vUGpucfjjjnNMB4A7UrAbs02NWbdtUttBJ47Dqf0P5UMr4X5T83T0P49KAArvpuAO1O2spweG5yG4xjrnPT+vbNKwH043fh7ev4UmBGVIXNOCmnMTu9B78fX8qoaTrmn68t6dOuo7sWdzJZ3Hl5/dzJ99DnuKQGhtC0yRR9DSmQbiB1XgjI4qvfXrWNnPMtpd3zxhcWtiivPJlgo2qxAPX1oAsxKB16Hp709vnUkc464OT+VcKvxa0efwNp/ii1hvHh1K6SwtLOSNY557p5jCsZG7aDuVjndgAHJHSuj8MaxqHiDSzdX2iXug3Mc8kDWt5Ikp+QgF0dCQynJwc5ODxQBqOu5SvqMVG1v83Qgdzg8dP8afNNHbPGJpY4GkIVFlcIzMQCFAJyTg9BzWTfalqMerXkFr/Y8ixaabiGGWdvtPnBiPnjAOIioX5hk57U0BrGEqvIx6ZBHHrThGAc8dMV5z4J+L+m6p8LfC/ivxHe2WizaxbeayJuALgtuVFGWYKFJYgYUcnFb2ofErw5pGn2V/PqsctnfQvc20tnG90JYUALSgRKx2AEfORt5HNUB0vlZIwM46UfdY7hxnH+fzFcd4m+LPhzwpaxXN7dXD27WqX7yWdpJcCG1f7s8mxTsjIycn+63pWRp/xmg1L4iX3hyy0bUbuxtNKj1Ialb2xdZQxYl1wclCqAA45P50mgPSxjau3k8d/8/WlVg2MdT27j6jrXgHi/xEmp/s42/i7w/r/iLFtHHLa3VxfSRzyqb1EYzqhCP3HzA8V23jv44WXgXVr1L3Rr1tMtbu1srjUTIsaeZPjHlIxBmCBgXIPA9aVmB6WylRk8A9M8Z9B+OaUcnABzx+vSvJfFXxs1bRdc8b6bp3g2S+PhO1S+u7ibUooUlt3jaTKgK3zlEyqnB4OccZveE/i1q2ueN9C0q58Pw2dn4j0iXWNHkW/MsrCPy8LcAKQhxKnCluvsaaQHpNtcRXcIlhlSaE5xLGwZDhipGR3BGCO1PyByTt+v+fcV4Npfxe1uz8A+C7rQ/Cmg6XJrPiS40GexM8iw28gmlQMuxQSCY2JbvkcdcXpPjZruh2XiDStTttMbxLYeJ7Xw3bXVrHIlmXuQsiTvEW3jYpbK7sMQKYXPZdQ1C10myku7yXyLaMAtIVZsZ6YCgk59gap6H4j0zxVpUOp6Rex3+nzFhHcRghWKnaeCAeoI6dq5Xwh4q12w+L1/4L1y4h1P/iXR6zY6nb232ZzGZfKaKWPJGd33SOorlPhb4u/4RP4Ywn+xNZ1vdrWq26Q6JZfaZFC3sp+bBAUc0ho7rxh8VvDHgG4jh1zUfszEI0jRwySrArnarSsikRgnI+bB4J6c11SyCZUZGV0fBVgeCCAQfoQc1598VtG1rxv8JNWj0UWulvqNi0t5b61AweSILueFtrfI2PlZiWAyQCOtb3g3xCNf8HeGtQlt49Mn1LT4Zo7FnCtHmNHMSgnJwp+oHXB4qWUZmm/FjR9V8VWegpb6paz36SyafdXdk8VtfiPlvJc/e45BwARyDXbJ82D1z0xyffgc8V5J48t9Xsfix4A8QWeo2eq2FzevpX9kGBS8Mc0eZbmNwSxKrGAScDGAAMmu10rUvFF1r89ve+G7Wx0IeZs1BdUSaSTb93MQjGN3f5qBM6FmG6o/MIp7Id2aRloJHbqd95cGodpHap1FA0MX5qRwDUnHamH7uaChjDPSk2YGc0/aQM0MPl6UAQOvpUBOJParJ57VEY8tnIoGiNhUD+1WSMnFRMvagZWaTa2cV5N8O9Ws9B1j4kC9uobO2h8T3H7yeRUUM0URwST1+YfnXr3leteYeL/hjq9prGuax4cksdWt9acT6n4Y1yIfZ7qTaAWjkxlT8q/I+V4oA9EEnnKGBBXnlTnGO59KQ+9eQ/DeLT9Bk1HULW61zwnpGlxudS8M63GZYLRgCfNglJ+5tGcIx4r0VfGWhy+GW8RJqtu2hrAbk34YmMRggFs49TigCl8SIftHw/8AFMajcX0q6TH1hIH169q8v8Mt5fjn4ZyNwLnwhLHuPdla3OPwJNeheKviRBoclla6VpmoeJNXv4vPtLHTYyFaM5AeSZwEiTA78+1cTeeAviBrniCy8WXmu6Po/iCyheKx0mO1ee0WNiC6TS7ldnbaPmAG3sDTSJZ6sFAGf6VSu88Y6elcZo/xUS11SPQvF+nSeFNef5IkuJM2l4f+mE2drH2OD7VueMvEWl+E9JfU9Zvk021jYJukBLO56IqgEsx/ugZosUWrgiPofryK4P4lM0fjD4cvtIddTuUORj79u2P1XH1rmfFHjzXdUtTqFzeP8MvC3CpqGqIDq17nosEPPl57Hlj6Vj2Og+KvEWn6C/hTQpbDRdDvpdRtZfFd64vdUlKOrjbtJi3eYxDPtwQvy00B7kkm7ofpUck6M2M81zPhPx7Z+JL2bTJ4JtH8QWwT7Ro18AswPdkGTvU9mXINdHNCZG3A7R7Y/l3+vSoAhZiMZOM1Skn+Ynnmrc8fTHOPWqc0ZPQUwGmTeQD3qORuM4NGxlIzTpG+WgCk/IxUDD1qduKhb60FIqTYziq7qA1Tz8N7VUaQNyOaaGMeMN838OM5xn1/wphXGO+TgEA4P0PQ1zPxE16XSPCeqXVlfrZ6haxrcqyBHfaJArZV1b5drMc/Sl8O+JJdd1zXLYXFneWdm0Jhnt8Et5kZJ3kEhuR0GDVITOg20u33FKeKTJqiTkfiUobwlfnbzGI3+m1wT/Oul0P/AEnT4nJ5Kg/mM1jeOohP4V1Vcci3Zue+CD/IVa8I3W7w9YuTktCp/SuuOxk0fUm05zSgfMCe1HHFLXAywZSelQXjmOGVvKknZFyIYgC7H+6MkDP41c4qtcMRjBx6eoPrQgPnH4qfAvXPil8N9fubyHVLbxZfXouYNIkltvs8Tp8kQ3jJCiLjcHzknjmue+Kh8Uo/wFtte0wDxPb6wongFyhju5IlRQ/mJkfMMfjmvouw8Yafq2sXOm2Hm6i1m/k3d1bxhre3f+4zkhd3IyoyRnmsv4mr4W0bSYfEniPw/b61c2MsEFoxgR7hZJZFWNY2YjbliOc5x+VMk8hT4B+OZPC/j65s5dJsfEHi3Wo797O4kV4bW2R2+XzCrDzW3ZLAcY61Rt/2YfGNr4F+J+gJcaCW8V3ELQSLeTFbdEOW3kpu49+T6Cvcbrx/NZ+ItJ8P/wDCPXr6zeWkl/LAZoQtvCkgjJY7sN94fdDVlSfGKOHQPFmuf2HMdK8PPdwPcNdJvnmtyBtVOvzE/eNAjgfEf7NOreK9a8K3ty+kaTeaMtki6xptzJ9qihhULLEVC4l3YypJGCTnjiote/Zl17XrH4q2sut6RbDxte29yG2yyG0SN94Bwg3EgDHvXr1z49udN0vS31DTVt9a1SYQWGlx3Qk818biS+0bVRQWYjOADjPFUviN8WrPwA2hWr2jahqmq31tbLbwsVSFXkCNMzY4UEhRnrz2BNIDjLL9n3Wrbx4niQ6/paSR+Gf+EdECwytwItnmbiRjn+GqngP9lm58F6h8Opz4miuovB0lzNGq2Lbrrz23Sb/n+Xj5Rj617nI7hWWEIXORGszFU3HnlsdMc15b4a+MGt+JfhT4j8XNo+nQS6absx2rSySrItuzBy7bQQCUO3AOeM4pgewBvmGDx9e3r9Penx55744OOcfWvNvDPxB1HXtD8EXt3e6Hpd1roju3sAXaaaJ4mcRwgtlnBIJbgY7Vm/En4wf2DqvhvTtE1Cymv7jXbXS7yGSFpfKV5PnCsMKr4P3SSfakwPXA+adu2rk9M4JrgbX4zeCr/WptNtvEtnLdQNKsyru2xeWpaTc+Nq4APU/yNST/ABM0nW9H1qHQ9TeHWbbS5NQhS4tJI28sRnEyJIq748jG4eo9aAO63jd+XanhlbHIwehzweM8eteZfDP4qW2r+DvDK6ncXV3rE+h2+palcxWrtDArxZLSyAbUJxwpO49QCKk1L4taPfeDdcvzF4g06zh0r7cL61s8TtbvlUlhwW9MngYHXFMD0s/LkEFSOxGD0yOKbuG0NjIJwNvOfy+lUNHuY7jQtMnjeV4ZrSJ4pLlh5kgKArubOC3Pr9M1w9tqGpf8NDajp02p3lzpP/CLx3sdjJjyIpDc+XlQAMkqv8Rbq1AHpG4fqB0Oec8Y7ng0NwFJ43Yx759PWuV+JCeI5PBGpxeFYY21uZRDEz3AtlQMwEjCRshXCltp9cdK4z4Q+KPDmi+FdZN4+oeG76xvBb6vB4n1UzvFNwVxNIxUowIKsuMg+xwAetqy7iMjP69M9OtI3Xbxuz93Iz9a8w174sarJ4w0rQfCml6ZrkWqaXNqVvqs2pFbY+U4Vs7EbjLAdev0Nc/qXx41a9+HfhnxFpun2NhHqen3N5IL13ucSxZQwRQxFXcsQWLgYQAnPakwPY9U1ay0OwlvtSvLewsosb7i5kEca5Hdjx2P1xxVe68U6Pp+g/25c6paRaL5ay/2h5ymEqSACGBIOcjHr2yQRXiev61rXxA8QfArUba5s9Mt9ZSa9NpcWjTiOb7Gzcncu9QjELjAB+brxWHp+teJfAvwj+Kmp2V1pksej+IZra2sZdLxbqqNCpVVWTAUBtwXGAxJOScBAfTiuzSAAZB6HpVDSNcsPEFmbrTbkXMAmeAybWQB0ba4+YDoQR6HtmvNo9W8Za98atd8M23iO003SdOsrDUFUaWJJJPOZgYixcY+4x3elcv4X+KGv+INJ8F6RqGqNBfeIvEGq2M2r28KxOkFo77UgGNqs4VR3IyTzTQrnrFl8RtD1HTdUvbKS6vo9N1EaVcrb2khdbgsildpUHAMi5PQCuq8kx+YCCCBnkEfTn37etfLf9qax4O8E/EWbS9evor+18f29u12NhkuI5Gto3Vzt4BRgDt2525rT+Jd9rtvqXxwvU8XazZf8ItHZXWl2sNyIYoZZI/NIIVRuUn5dp/HNArn0nEoLKM8kZ/D1rjNH+K1pqnjKLw7Lo2r6TNd28l1p1zfW4jjvYkI3MnzbgQCG2uqtg5xU8OveJ/7etIG8N2Z0F1jkl1eXVY43AaPczC32Z+92zXH3F1Jq3xx8Ia/4e8TR+ItPvbS6tL/AE+Jo5obG1Ch/NR4xlN0qxjBO7JPbihCPVNVuru3027msbVdSv4oZGhtDKI/OkH3VZs/KM8Z6Vy15481SP4kab4SGlW8c97oc2rpdT3RdRLG8aeUQq/dBc/MMnHauP8AiwniyT4P+P4/F6+H/sX9kz/Y4tJmuGm+0f8ALPcJAuc9cKDzVfSb6G6+MXw4miYzwr4JmjadASiszwMibxxkbHPJyccihgbniT40TWPhjTNT0zTYDef8JBbeH9Us76QlrGWSQRsAVG1yCQQSQCCPpXbXXjbw9a/2m765p4j01it4RcK32Yg4w+DwSeAOpJwBXzJ460PWdcm+Jcuk29/5V9440tbe40+0e4eFrNEFzMEUH/Vt1yACUIzmuqt/+ErX4UN4ak8DXt7rem6zbfaLqOyaVL1Fn3HUrbzMebPkB9rE4f8AhK/LVDR6tffF7wdY6JFrM/iOyj06S6+wrMzEYnDYMbKRuVhkZDAda4P/AIaGsbH4mXMtzq8994OuPD63tnDZ6VK8/nLcvFISFUykKI3JLAAAn2zxy+APGJ0DxJpw8H6zL9r8b2WvQG9mt5JJrZDC8rOfMwWxG2fcjGK9X17RfEOn/GL/AIS7TNGGuWF14dGksq3kUTQzLcGXEgdh+7YHB25I54bNIGdBJ8VNCurLSrjRmufEz6paPf2tvo8XmyvbJjfMQSu1QSF5IO47QCeKxJvj5oVwfC6aNp2reIH8RRyHTlsbdU3SR53xPvddjjGCDwO5Fcx4J+D2v/CbVfDOp6GbPxF9l0d9I1G0uLhrYK5uDcLNAxDELvZlIPUYOMirnhP4M614T1jwFc2d3psy6Hc6pf6g0ksqedNe5LrEoQjYpPBYgn0FAjRk+L2ieKNH8A6o+j6v5Wp+JE0+JROsJsr2N5E2z4Y+YoKyYAyp28kVV8G6PZat4q+NWl6jbjULFdYgdYb6QzoubFG6yFsDcegx14xVTSfgn4js/Dvh/S59X0hZdJ8VyeJvNiSZxIGlkkEHOMf61/m9hxya6a28Pt8O9U8eeJNR1H7Vb+IblLgW1np0zSW8qQiFUGxmL8Kp5Uc0bAcH4e+K2r+Cfgd4EmtLKzlj/wCEYN4brUJXYSvCnFvHHGDIzn72/BCjnNdMPid4t8SeJvC2j+HrXR7GPxF4ZPiCG41HzZWt3zGCjKhUOP3gUcjOC3XAOL4H+B7a38P/AALc32q6toF9H4X/ALFvrCOGPLxyHLqVkUtE+erL1Hy9Oa7Hwr8FbPwve6Bd23iTWp7jRdIfRbZpjAf9HY7sn931DBNvpsHrQBx/gj4weMNak+GGr6imjrpPi24nsZbCyt5PMt5Io5WEwlL9zCxKY6Yqjq3xM8cHwTrl1a61Y2+p6f4+Xw6Jo9NQq9u00Sj5STg/OMk5J9a9D0r4F6Bo+neFbCK/1eW28M3T3mmLJdJ+6kfO5mxGN3DMMHsxqeT4KeEms760mtb64gvdTGs3EU2pTHfdjBE3DDHIB9PlFFwPNfEHxO8V+ALfx/pF5rs2pnS9c0nT7fXJ7WOKSzgvFVpZCEURkJg7Dj5e+a7/AMJ3GraH8bNT8KPqF/rGgf2Lb6r5mpy+bNZ3BuGhMfmEfddFL7f9k4zxno1+H/htbjWJm0iG4fXFVdT+1yyTre4HyrJ5jFflHQjFWdP8L2nhHTbmLwtp2naVdkqVM8cnllkIC+Zz5jADOBu4P1ouB83ahpek33wV+HMuqkpEvjj7Nua4kiTyW1C4yv3scDncSCoPGKueNH0nVPiR4z0LxT4kufDt/Zy2Z8OQ21sZL17VY0MTWMxY/M0odWwPmLfNXt3gT4cWXhfwjY6Nqken67dQT3Nw001khXfNM8hwsm5vl34znn2rsfssaeXIsMINtgRSeXxCCMfLjAT0GMY60AfJXxA0Lw/e/wDDQha0iuNaSGxk05Zv3k8d2YQzmJR/GJRyV47V6lpN5aSfH5tahhmltLzwOi3F7DaSsJZlm37XcKQX8sA7TlvavZfNkUKqkrt5C5OOevHc55FRTX0dvby3NzeJBaxYkkkuJQFjB/iLNwBjvj2zQNHzJ4S0fxDB4A+FWnN4R1xZbW11Czu720sdt7aSHAS3BlwsccgODKeMDAIzmq+g/DfxSPhn4IspfDfibw74k0XTbq1ttV04o7JL5ufs80TNtMLnaRuIHy4wK+o7W/g1Kziube5S5gnjWWOeOTKOhGUIOTuQ5XB5FJf31tpNjd3l04gt7WJp5pQhOyNAWyQAcgcnBz2oBngE3w38W6X4yOtal4J0HxyNa0WxtbyOSeKBNMu4Y9jgBwQYH5yFG4Z+uez0fwL4l8L/ABPj1yxtNJvtMm8OW2lzvFObUwTWzyyBYowpG0l1ABIwAa69fiHoMms6DpaXzG91u2+2adF5UmJIVQMW3MuF4PQnPqKpa58VNB0C3s576LUYku9WXRYTJp0i7rgyCNSWZQPLJPD9CAcVN2I8n8TeHLr4c/sn3nhbxDcWEWrwxFIVgutwuf8AS0lBUMFJILHgCtr4k/AXxH4+1rxbIdf0lLXVZbN7OW9tJZrmyEDI5gT5tqxM6bmI+Y/Xmva5rK0vJkNxYwXMsbEI01ssjDoWC5B54HC1M298soZ8/Nu/DOT6DHOT6UXGeYz/AAm1u/1jx/fXWvWB/wCEt0qHTJdli+YTHG0RkA83+IOx29jtGcCrmj/Cu80vXvBepSeI0km8LaXJpMKLp2BcqyoN7lpThsRpwMjg+td7vOQuMMRkL36E/h0I57isHVfF6eFLLxBqfiEWumaNpgWWC5FzveaMx72JQ42MW+VVzlu2aOYDl9L+A8Wm+H9G0f8A4SnUng0rXG16CVLWGNzOzM+Dwfl3PJx/tn0rQvPgpoOp/wDCVLqVzf6jF4kuob26R2SL7PPEAsUluUUGMoqpjk5I9672wvrbUrOK6tZ47m3lUOkkMiurA+hUmnGmNHO6T4Xj8Kzahq0A1DxNrs0USNNeTQtczxxlisa4EcYAZmbpyTznFZXwm8N6n4X8IyWerW4s7641O/vDbLKspSOe4eRAxXILAMM84z0JruSw5BXg8FWwR/LionGc44H93jB/IUMpHPax8OvD3iLVm1TUtO+13rokUha5nEUyJyqyRCTY4z2YH3zRr3gWw8ReJvDet3KxrcaE8j25jjw7bgVEed2BHhslcZJAGcV0sK5XBo2nd7UhnP8Ah/wL4d8KzPNo+g6bpU7BlMlpbKrYbrzjgHg4GPSt9fmbJ69iScjH0Ipe+KQ+goAVlFQMy+tSM1RMobtQDGMx605W96ZtLNkfdpEQk9DQCJuKdt+b2pApHNOz7UDGvgLimM5206TmopFJXg0ARvIcZFRK27in7dy+n1qLvkUDQ2RtrVGzc5pZs7s011O2gYu8VAzj5hwM+nc+pBzmntk9KhaAnvQBznxGh+2+A/E8RJw+lXaEFjlQLdwOTn0xwK+TLmW4+F/wKuYGZrjwV4s0EmHcCwsNQaIEx+ySEfga+zNQtY7yyntZ4/MgmQxPH2KFSDz+JrAn8B6FfeDT4VuNMil0BoFtzZM7lQij5QDncCD33U0Ji+B7trjwVoUgbHm6fbu+zgNmNTk84PJPHIrYMK9sL7AdT65pmm6Xb6Pp9tY2cIgtLaJIYY852KmAPrwKnfrgUxGPrOh6fr2mz6dqdlb6lp8v+stblN0Z+g/rnPvXjHjPQ/EnwrXSLfwprsUmj6pqUWnw2XiGA3n9myOGIeFwyllGw/I+RyK91k7+9ebfGyM/2H4amyD5HibT2OeOrsv4fe6nAoAZ4X+FmnaDqiaxqE8/iPxKM51nUjukTPaFB8sIH+xye5NdhI+5juJYnqWO4nHuefzqwybTjGWyAMdyeP51TkU7hgg56YPbOM0mNGR4s8G6P43soYdVt3aWE7re8t5DFc2zd2jkHzD6E4PfNZvhWy8T6LPcWWs3VtrOmRLutdXA8u6k/wBmaMDBb/aB/Cuplyq4qq68ZI5/XPrmkMZNjaD61Wk9Kcd3GelQShgc0ADKGGTVedflwKmjzt5qKbmgClKuMjI4qCVR2qy8Y5JORUL4NA0ULj723tVOaMbcDj6VfusKMmqrYamijjvHHg+HxBouqC0srJdaurRrWK+mjAZA2AQXCltuB0qr4d0W50vxZql0+mraWd5aWu2a3ZBGZk3iTGCCCQy4JUdD0rt2wwwMVGUGSw4yecYBPueOTVITIj8wyKXhVzT1XAqP7ze1UiTM8RQfatF1CLu1s6/mtZXgG4WTwnpzEZ/d7fy4NdHdQmSMgjhgVP4jFcj8L8N4TghIP7l3T9a6qexEj7BaMnGKKk3UbRXAMZk1g+Obi/sfB+uXGmo0moxWM0ltGoyWk8vIH510JXHPao3lMbZ6Z6YOOBxj8qBHzd8Ll1nwjbfC208O6xceIbTW9PnuNS026eLYj+T5jSeYFDIwlyh3Ek568V0vxMuvFWoeB7JPEuh2OhvJr2krbpY6h9qEm66jOXJUbcdq9c0/w/p+kyXE+m6TaWEt2T501pbpGZ8ncQSoBIJ65JFY/wAQPBf/AAm2k2Vn9vbSpbW9g1GO4SBZf3kT7kBQ4yPlpog5y9iFx+0YpyuyPww7EcYJa+jH67RwMV5xeR/8Y5/E2dGIM+q6uF4BGDchcevbrmvWG8F3K+NrTxMNfkS8Swj066jFom24iWXzM/e+U7ivTNZi/COzbwpr3hubW9Ql0jV55JmgCRK0TyT+e4RsZJLfL827imMz9Zs5ofj34AE6yPZDQ9QjhJGB9o2xhxjHB8oH3wDjOa4f4nfD34gG80+5iu9Ev21LxRZyJIljO08UcbsYA7bsCKJQOMYJyT1r2bUPD1gNEtE1zVJC1jMs8WsXMkdtJHIWO1g4Cx4+bYRjkVvR6vaS311YRXtvJf24DXFtHKPNQHG0uucgdcCkwOcttN8Taf4kk1W88SWs3h+A730u20jEmNvaQMxPzfNwvtXh3hP4bwzfAPxMt/4d1YeJZzqRitXiuxJ5k8khgxCCFIbeP4eOc4r6N1bxNpHhe0W81jU7PSrdn8qO4vZxGpY5wqsSMnAJ4z0pmh+KtL8UQPdaRq9pq1tG5Qz2V0soUlclCVJPXrzQgPHbLwvqkn/CkANB1KKXQ12300liV+zYtPJXeSMn5ueMce/FYem+E/Gtr4T8IeGJvB+pXmp6H4rTVLzUo5YBBcwieWVplkLg5YOq/MMjb1r6PM6qSR844yADzkgc8nuayI/GGlTeKH8OLeeZrUdmb97Xa2ViDBd5ONuMsBgZ60wPKY/hhr/iD4ffFTRJNPbQb/xFq097YNeMm2SJvKwpKMSAwjIb2bjPOdnXPB/iLxnrEHiG80EaTqOn+GrzSrewlvYGe5ubhApwwYhIkIJXJ/j+78oz60pVgq7uf7vBOOOPccinQMCvXIPTHIPPfnn1pMDwr4TfC/xt8KdBn0aC00y90m+0tWmgvLxXNvfiExnpw8J2r8p5UPgYpdP+CPiK18J+N9J0xbfQrPXdKGnwaFNqDT21tcOSJpo22fu0IPCAEE+le9kZIXIz12pnK9PTrwM/gK5q9+IOkaf480nwZvd9b1C3muRFGo2RRoucv6Fhnb16ZOBzQBTsfhboNxNouravo9vP4i0+2tohdLcTMivCgClRlVIGO6jPepLXwXqUXxeuvFzXNibGXSI9LW2Ut5/ySmXzS2NoO5iMegrpdU1S00PTbrUL+4S0srWJpp55sqsaKOSf8OvtUbapdSapYwxWDPps1s9zLfyTqnksMeWvln5m37jnjAxyRTA5GxTx7rEOssdW03TTHqzf2fcXGlvtls1UAoy71b7x+8SCcHFa+j+CbK1jvxqy2uvXupXS3t7PdWibHmWMRqVjO4KFRQq9xyc81vSXUKqrtcwqHPlqxkHznkFQSfmPzZAHT3qgmq2V1dT29vfW09xAMzRRzKzRc4+YA/Lz60AYF58M4ZPG2n+I9P1JdKFnpc2mWtja2UZhVJWDO+ARzuCnGPX1rlrH9nHTNOsdGtIvEmtINN0640lpIfKRp7WZzI6MdpwdzH51wSCV4HNek6jqVzZ6fdz2kC3d3HGZEgeYxK5AJwXCnA4rn/ht4xufHXw/8P8AiK6his59UtvtDQQtmOM7zwCeowKQirpPwZ0vSV8ImHWNaJ8LxSQ6f5lxG3yuu1/M+T5gV+UDjaOmafqnwV8ManZeIrKddT+y69d/bb23j1CRYzLvDttH8OWAJ/3QK0/E3xC0DwXGh1nU47Lejy7SrOwjQgNIyqCVQEgFiABnkioNe+Kvhfw2JJL3U3MEdql7JcW1rNPFHC33XZ0QqoPUZI/UUhGjpfgXR9I8R3+vwrenVr63W0uJ5Lx23wqoCLt+6NvzY+X+I1mL8HfBLeHRoraBFNpgu2vljmnmldLgsS0gkLl0ZsnJDCqWofGvwnpXlyXN3dGLybe4nmS1kK2sc7BYWm4zGGJ7jI74ri7z4yP4C+KvxFs9fuNa1bRtNSwkiW1shMunwvEzSs7KgCoMrknJ4PBwaBHolv8ACXwVb2dzZReF9OFncXAu54GjZhLMoLCRyTkn39/atRfh/wCG2a6f/hHNNklvv+PhmtFY3G37ocEHdjtmuWuPiX4cTxtI39o6ofs3hltW/dgHT5rXfu85F+80vbI4xWb4m+K9hqXwv8R6te+HtaGjxadFcyPY3MW6eGUEgxTpIVG3HzYOR6GqQHqtnapZ2cUVvAlvaxjbGkSBYwuOFGBg4HH402w0my0mF1sbC109H+ZhbwLECwHOcAZ7+3Oe1eIah4wXwT8eLvyhd6jPqXhOyXTtGa7JNzctcFVWMPuCkhPmOMKAScCt3xBdNZ/HrwHfahGunzNoGqyXkMdw8kS+WsTD72ASNx5x2NAHr0crR7QrMGPI25B9iMenbrVeTVLe++12kWqItwiN5ht50Z4Qcrux8wUgd+2ecV5hpPxqum/4QrV7/R7W28NeLrtLaxmguHa6t2kVmi85SoUiTbztY7Mj3qt8DfD+la58NdYivdPt7tb3X9UFwWjANyq30hVZCMFl+VW2kkHpxQB6d4ZTSrfRootDlt5dNhLRo9rKsqb8gks/OWZuW3EnLZNUfFHj7w74Na1j1/X9P0c3RKQLfXKxB+eWwT0BB5P51558D44tG8dfErSpPD3/AAi+qSXtvfjT4GjNp9lePy4XjKYXcxSTccck+gzXQ/FfRdMvtD1az/sm21PxF4it/wCy7OG6i3liFZA3zZ2Rxgs7MMdMckgEA9B8wSquxhJvXI2kEPx1yP7w5rm9J+Inh/XtWOn2Ootd3ZWR4dsMmy6EZIkMEjDbJtIwdhPUduapajpM/h74SX2kaNcPc3Gn6DJZWlwjZaWSO2KI2Rn5iw6deRXjugsJvD/7Mo0xWJWbe+xRxCLEm43cYxk/NngEDvxQB6hqXx18PaTouuajdWWtwJo13bWN7BJYbZYnnCmPcGOAp3jqc+1eklXX5SCeSFKjIP418sfGKXfofx9TzDCRrGgkPuHyjbbcjP8AEMdDmrfjXXNV+Ht/8WtI0XWNWu7O203StSMs1097cwLNIUu5IyxLAmJS2EK4ONuygD6eSJ2BO1jxu4546A/if/r4qhr3iax8J6HqOs395HZ6fp8LSXE4YgIqgkg8/e4x1znivk/x7Z+GJfhf431Pw54on1vTJBpl640zzLews5ftCICuJCyytEX3DOMDJAPFaniz4f6VdN8Vh4BtUv8Awpc+DQZ4bMm5gl1QM7xNGxLAzCMbiR824gnHSkwPpGfxpoMOn2V7ca3p9pbXoDQSXN3HH5hYA4yzfMRuAwD1qrrnxB8M+E5ZotW8R6Vps0MazSw3F2iyIhIG4pndjJ649+lfOfxJkPi3R3sND8LaxaR33gp7W3ubXRnP2xwXLWoR02267hudiquxOFPFdHoumXOoeNl1S68JasIpPh/HpjtPpEm77XyyxkheWZcEHPTg4pAfQ1reR3MMNxFKktvMgkjmRgUdSMgqehBGDx615V468QfELwrqmjaymp6bNpd3rsGmjwqloGd4ZZSgcTZ3GUKDIQBtHSk+GXw91yT4c+BlvfEPiTwnd6XpdtZXOkWvkwoZYx8wcsjMc9OGHAFO1LUvHV941nvovAX2i0snMOkSXer28UMG4hXu5EUs7MegAxiMY6sSAD03WoZm03U1trme1ZreQJdW2N4IU4ZeCOg9K8x+BXxLufFPgbwTZ3CahrOsyaPDdalqUZjaK238gzOXBDFfmCgEkdq666+Hunrq+oeIrd9VvtakjmCQ3Grzm2ZpEKEeUxKKCD2U47V5r8E/gv4x+EMOlQWt3p8djNa+Vrdk1y7q1yvypd237v5XKYDK3DbR6mmgOz8P/HOx1/xFY6LHoOqQT6pp9zqGnRySR77hICNytEWzCxBBUORkHqK8w+JHxOvfih8INO8RJ4RutI01NW0+4sLm41BC8039oLG8WxSMZAPzOce1dB4P+CHi3w/4l8L65c+JNBuNR0cXq3Ey2U0kupecF/eSyFgd5KgdCFHQGtzTvgXOvwUTwBfa5Dvt7hJ7bUbO0IxsuPtCh42f5hv4xnpT0Ar6t+0Jd+E7jxXZ+LvC40zWNMt7e9tIbC8Nxb38c84gh/e7RsIkO1hjjBPI5p3jDxdq63niXwP4psdNupNQ8MX2o2N1p/mFG8uNllgkjcsQykrtfHPYVu6p8G9P8Yx+IX8X3C6vqGtWsdjLcWcAtRawRuZIxACzlW80+YWJOW9uKsR/CtbpbmbWNfv9U1WTSn0WPUhFFDJBbP8A6wIgUqHf+JiCeBjFGgHH/AHx7qvjjwhYf2RPaR6ZoGl2tjJZ3Fu32i4vFtlckksPKhO5Nr452sc7cE1PCnxT8Sa1pPimC41d9M8U6XoMl6+i6npCRS2dym5i8QXCSwEfKr7iFyM5rsNB+Afhvw5eWF1aXurrNa6X/Y7sJ4lN1agFVSfEX7whMIGPIA9ea1NP+EWgWdvNHPLqmqSSad/ZIub+8LzR2m4EwoyhSq8ctyx9RRcDgLPWbrxH4t/Z91i8k8y71DS76eeRV2b5HsIt2R0GWz24rlPGev6/ffCbVpr+7n8Qapo/xHgs7bzBHEzpFdoEjJRQAckD2LHgjmvc7P4X+GNPXw35FhOg8Nx+VpO6+nY2ykYbHz88ALzn5fl6cVHN8J/BzWVzZt4bs5rS4uvt00NwZJVkuf8Ans25jl+nPsDSQGJ8EvEEfi7w7dazc6jeXPiCa4kh1XT7yV9umzb9xtUhZiqIp4VsfMD1ryv9pHxQkN943On6ybbWtEstOniN1dmJ7ZmbeEsoVPzF1JZ2f7vTBr6I03wvoul6td6pZ6TZ2mpXg/0m8hiCyzccl25LcgY54q9caZYXVx9ouLCzuLjyvJM81tHJIYyctHuK52k9s47YpNlI+dviBrUE/j5/EltPpfjLTPtmlg6aZTDqtgwKGKSyY5DoWYswCjcdwOO8Pi7Q7PVrX9pDSNNgS9ucWt5bQRKJmeRbZS5j4PzBwc7eh6Yr6SNvbrNHMLW3M0YVVl8pQ6qM4AbGR26dMVZEzFl3Fsg8YYeueSRnn60JjM7wdf2Gp+FdMudMi8jTniAjUWzW6jH+wyg1s7aaZtzZYse3X/OKdvC02ANikKZ5pCwbkU7euMZxSAFG2l2n60xmVaI5uwOaAHqu1uRRt+bNDTfMKBIDn2oGgZB9Ki8taWUluM0hOOpxSKBdgGKQqV6CouOeelPWQtVIRJt4o247U3zFOcHpSPLt6ke1MAcAVGVNJ5gbIY4o8xME5zSYyNl3LUGPapQ2X9qjmY9utIBvB601wu3FN3VGzr70AI2F4JFJuWq0oMjDJxUCyNjOaBovso6nFQOiqKZJdKvDNtGcZPSq32pect0OKaGT4GcUyRdpzimrdxF+HzxmoZr+P5fmAzQwGyRj73U15Le+NvFfjLxNrWmeD7LRYdP0O4+x3Ooa4ZW8+5UBmjjSMYRVJ4Y8+1eqNeKqgqwIrxqNtS+FXijxJMPD2p+IfDeuXr6jb3eiQ/apreaQDzIZIwQSMjhueKEJkV58bLvT/Cd/Pe6JFb+JNK1a10zUtOM5Ma+a6qssbAfMrK2QcA5ByBXW+OPGx8I3vheFrI3MetaounmR5CnlZRmD52/N909cV4x4y8G694w8I/ETxDe6DdWk+v3enzWuhsM3X2e3eNS0gX+JgWOFORir3jv4P6F4bm8Iax4e0KaHUrbxDa+cIpp58QHeCSHYgABhzimCPfWj65qKVVcYIpGmEgJJxmoGuu1JjGyIq9ahZF6mmTSHdnPFIswZTuOKQDHjVfl5qsylqnaZJl+U596h3D6cZoApsrBcGq7KRVqZ9uckcVDwVyelAFC6jLrxVMxsO9aM7qCF9aqtjcR1xTQ0UmTb0pkeeQeoqxIBnFRsAGJHeqQMbtFNbA6U7bmmstMQxvvDJOAc1wPw/aSOz1S3C4aDUJkIz0+biu+b/Vk964DwzKkOveKIdzKFviw49RmuunsyJH2hinYzSNSqa4Bjm5HWud8Y+KLDwhoV/rWpymOwsYTNKyDJxxtUDuWJAA9T2reK4Ga5n4j+C7b4heC9V8O3dzLaR30YAuYQC0cgZXV8HrhlHHpQB5T/AG9rcnx6mvNQ0O4tGh8H3F4unjUvOE2ZUVQeiowOQcZ571b8N/FC4h0P4eaR4Y8HKY/EumzXVmlxqY8u38sE7HYoWbAYfN1rasfhP4kk8RXGu6r4ys7nUZNDk0QfZ9K2psdi24/vOTuwaPD/AMGLjw9ceBpk8Rq//CJ2E1jbK2ncTiUKrF/3vB2qOlBLOf8AD/xw1vVIPCuoXvhizsdJ1fVm0OR475pJ0mDyIXRdmDHmLqSDx93kVd0v4teIvEutWcmieGJNS8OTX0unS3Hkzq8KI7Ri4Ln91sEinKjJAxk9qu6f8D103RvD+mf8JLcywaNq0msRsLGNGlmd3fax38LmR/8Ax30q94b+DNj4T16a7std1b+xGu2v4vDrOgtIrhmJLBsbiuSSEJxnrmgR5xY+PPFbfCrUtf1dNE8QrceLP7P+z3Vu5SJRdpCpRd2CQcFV6rz97pXUWOqWPhv44fFHULsGG2g0vSTI1tbvM7lvNz8qKzMeV/I1sN8EdGXRbrSRrGuLps2p/wBqrbrcx4ilEhlAX93yvmHf65AGa6fRvBtlo/i7WvEsN7ey6jq8ccVyszoYsR58vaoUY6t3/jPpQBlPeeEvGnh9vFF9p66npmlR3Dr/AGtZMgiVQGlcRyAckBRvx0DYrC8KXkPwv+HukSzaHqU99rUsmpXFromnvOIpJiH2FYwMBUMcY/3K9L8RaHB4s0i403UTLLa3ACzKGwzKGDBc/wB3jBGOQTVxk+dj8oLHnaOvQge3IFAHiWoeNNf8XXnj1NH1Sbw2fC1lDLBBNbR+ZNM1sbhjOsgJ24Cx7V2jrXDa98Ur5PGnhzxA8M2jDWfB9gLvUY18yPSVubobp2XuNwKjt83OBzX0BrPw58OeINYl1S+0zfezwC2umhnliW7hDZCTqjBZV9mGO2MUupfDfwxrV9d3l/o8N1c3dt9jnLvJtkg24EWAwATIGABx1poTPNPi54l1rwjcQSpqOsX/AIYtNNWS6utNvYzfWcjSYW7miIBlhOAOCB8rfjV8SeNNQ8SaX8WtUXXr/Qr/AMKyr/ZMMFyY0RFgSSN5FP8ArTM+VIbpXp0Hwt8Iqtsv/CPWm21RYYVcuyrGDuVNu7BAYng5HPSti+8K6LqGrRapd6NYXWpRBRHdy2yGVQuNoDY6LjimCOes/Fnj6aG0SPwTbTh7GOaW4k1aGEec1vvZPJCk/f8Al615NocfjXTfjf8AD7+2fDNvHqtxbalNe3v9pxyfadyQpLMdqEKI0VVSPOCoUcYOfpFvmXGdvfk569/X361H5SrIJGCmRPuuw+Zc9QCOg6cd8CkwZ458aI/FOtfBnxxD4k0rQ4LSOzV7aPS7yW4k8xZkI3govRc8jOar2C+GNU+N3hez0wWtxot14SvITawljDKGkjwFQ8DI8zDY5xXuKycHBzuG08nGMHqO/OKralbvqGmXloLma0NxE0QuLcrviyCAygqRkZGMggbenNCEeIfDLwve6b4km8KX+nfadF8A3M1zYXCgFr5p1L2igkHMiRvLn3MfoDXHfC1L5/iB4O1Cw0jUtJim0bUbN92lTCLT5mdHRZpZArTMrZZ3ZuTwvFfSPhPw3B4R0o20Vxd6hcSSGe5vr+XfPcynALuQABwFAAAwEX0rYaRnU7myWwADzjGex49OMc0MDjNN0/XtD0PVH17Xf+Ejk8qRohaaYIHUAEYCIzFyc8VhfC/wrq7fA3wvokl5qfg3VrW1jt7iVbRPtETAkmPEylcc9elemwyqG64bswyMY9MHI/OkZgrbhxj6A/Tgcj2oQzw34meAvF99I2j2dnqHiS3n8PXVmNaR7e1uLi5Z2KxXLjbiEDB2RgbiBn1ok8K+MfENn4J0XWfBl0fDWm2FrJqVpbX9oz6jdxKqwxylpAPKQguV5ycDGBXufmbsfN7nHtjj+fNNaYdjuyP4uevencTPAPid8OfiL8RY9cim0rTgt9ZWT2cY1QRw2syMGlSVVGZpCRtWRjtUcjaeK6288A+L/wC3/Hc9rb6XNb+LtPtLSS4N4wj09o4GiclPL/eKPMZlxjJHOMnHqkcgkYNnGcHHYkd/88e1SSTbOAeR06H8j2qWxHl1v8LNa0XxRZzaLeWC6bp/hE+G7Vr13aRpNysJZI9hUrlQNoboTWOv7Pd8PDPjvTLKfS/DsfiWyhtF0yxkmnsreTJ864UMq7WcEfIq4G0c817Xb4GM4yf71Ss3JyxH1NJMDxnxj+z/AH/jbxEmsXmt2Fje2+j21hZXFnbymW0uYWLpcoxcfxFh5fQqcEmuqm+G+p6l4q8N65rGu2l7NpWn3WnTw2+nGJbxJ8Byx807ThF6Z6mu7MwDYBx9TUUlwFYBcEk4pgcF4R+CsHh9PDenXeuXOreH/DtybrSNOngVPIcbhH5kgJMnlh228DrznFZ3wu8N6svg/wAQeG7yLWvDF9/bGoXUeqQxRozxyXbyRmN3V1b5dueOma9S8z5dv5Ux5hHjLZBP3eO2ODnIPGRwBQBi2fgeyh0/WIpr3ULu/wBXh8i91aScR3brtKIEeMKIgilsBFHJzWLrfwX8M+ItUtb+/bWJbm2tEsYnj1e4iIiAwV+RlzkgM394gE4xXV3F0642nvinecduaQFDSfBOg6LcaNc2Oni3uNGtGsbJxM58qF2BkXGcMWx95gSPWl0jwP4f8OX9xfaRpFnZX04kUyxhhgO25lQEkRKzcsIwMnnrzVr7QY5GwcCphcIsYJJzjOKVwOR8MfDiRdV8V6h4pi0fV2166trn7DDA01vCYoRGMiUfMcqGyR1rs7PRdO024e4tNMsrS6kQxyT29siSOvGEZgBuUBQMEdvel+0ho22lmPapo7j5OetUmBzPxC8Aw+OPBN14Yt7pNBtLiRJHktbVW5WRJOFBUAlkXJOe4711duJIUiDSB5EAy6xhMnHLAA8ZOOM8DjLVAswcHPUU9ZGO0N2602BYEkmTmQnJBzkjp07+5oWT6kHJI9ycn9fy6VDJJ0A6U1X6VIFuRuAc5OMA8/1Jz9abuDKMMffPT0z69O2aqNIeBmnFiq0AT+YA38jnJFSLsbn9RwaoL83POKczfKoB+9TAvBhuGMihnCgZG7NVmHyAhjmmSSKyxkKTn9KALvmK6/KQTTiw4OazSvyMVQvnpU5VgrfpQBaaQKMnpjNMW6CuCDwarSwu8bAk4YYNKo2zDBJX6UAWBMWbngUrXA5yO+KTbuOelR+WVzkZyc0gHeaOc8n0FOMh5yCMDNQeW4mLDv708QuzFnODjFIpDlkJOOtTBiXQYPNRRxlW45qwqncp44oBiliBnk01rgc5OMVLK28YHy0xbNVjOTuJpghLdmdi38I/Wlm8wSKS42tU0MfloFHQU9o1m6j6UxlIHcM5pisQx29vWrPkhWwvSo/JKzZ6g0ALCxCqGYE1MudxPrQ0a8YFSDApDRGxKvgc0y4wQhz9amdQvQgmmMwLDI4FIZTEPXlsetHkfeAzg9Oa0ViXrj8O1Hl/SmhMpbDuCr075oZS8i7uAvSrax45702SPcaYIovCzE+9Kq7FIxmrjfL1xTWye/6UFFVVIkxio5lJfOOasSNt571FuJHPWgCtg+lRsg96sbsPikZRjOKAKMkbFgRVaSF9vyjBrQZqa2D82eaAM2S1YyJuXdg5A7VBLZv82M8nPStjgEc80kigknvQBhsuJtuMHGOBSTWiybPl6VoyQr5m/vTW/CgaMOa3ZkCBcD1FLDGY1YkZJGM4Gfp0zj2pfFPibTPBujNqerTNBa7xEioheSWU/djRVzvY9sZrC0/x9Y3GuWuj39hqWg6jeI0lpb6pAENyB1CMrMu7HO0kNjtQMuzK6ktg7sjBGeMcZznOcd81W4UNjKknquen51uTYIBwBVFpIwxGBQBnNBuXPINVWX5q2ZsFaqtGuc4BoAz/ACcjJqs2+OVgh21oNjBA7VTlRFYkj5qAMtriSKHYhANJa3EzeY0qjO7AxVt7dZMkA8VVtY5I5JVfOM5570AVZnbbhjkt6VC1xtXGeauNaowPzfSqklqfWgCnJK3mFcEjtUMbsHPvVmS3IOQeaYItr4poCKQlmyaiDetWJF9qrmHBxuNUgJFYCmbd1KVxQfamBG0ZKEV5neXy6T4z15c480wueO+w5r07ivGfibK2n+LnbLZmtYnJA9Cw/pXVTJkfeqj1p7L6U0Upya4QI2b5cVQuGZmCA/nV9hVaWFRz3oENh+Xqc/hSXGe1SQ7WaRQys8Zw6qwJU9gR2z2z60khUcEjOM4yOnc/hQJlV5CKhkuC3AOKpaf4j0bWtQvLGw1WzvL2zGbm3hnVng/3hnjofyq3JGAx6LjJOSBjFAhNxZalhIxjmsjxX4u0TwHob6v4g1CHStNSRImuJs7d7naqjAOTn0rNb4oeFY9V13TW1eNb3Q7Vr7UIWikzBAF3CQnbggggjGTz0oA7SORuu6lZu9YnhzxDZ+LfD+n6zpcrXGnX0Ingl8tlLqenBGc+1afzDKtkEcYYEHPpzQBMsu5uKTndnNR52jjrTg2aAJeKja4pRzjnrUEn3jjtQAT3XlKDyecVHJeCVZFB5U4z2p7p5qgEd81DJbkoV3bcnPFJgTrdeWwHJ4zmka8PmDuDUawkrguemKetqVQfP0oRLF+3NJIyqfu0+6mKqGB5FM+xjOd+D3xStFhcNyaAQ0XDYbAGVqB7pxM67hgDNWFjU/1qM2ybtx9MGgGCSHIUHk0CSSSTgnC9eKfGqKTjr2qeFfmxjjvSYivG0kkKYHJ/u0Rh5G5Y49TWh5KenHaoppEVNqgUgI5G2wo+47j6U1WdsgsTSxRhYUEn7xhUsbAN0FNAQ7nkk70qKysMfeBzz0qyBwSByKczpjA+9TApfan8z/azipbrbJgDc2P7tStHuXcT29O9RqNrdMUAMWF/k46nNSNDtmxk7amWU/4UZWTBB5NJgRyQhmOe9Pa33TZLcYxSt1FODZXrzSAaI3yTuAz2FTrCzNkkYpi/uwWbqKeLgOo255poAWHaTz1p6xjOdxpu7HJOKimvPLZVxkscDFMC0y7mHNCheKriYddwApwkA70mBKyDcOvFPXHQ9aryXO1c9+cfhSG6SNdxb584xQgLEeN3tTmx6D2qtHcJuBDA5GaGm443E+gU+/8AhTAvxlT1HFBZegAVT1qp52MY6U6O4LyFSvyimBb3BR02ims/aoJmLrUKyFU+YjPUnIwPxoAtMR0yc06Iqo21VLlm4PbOf6U1bpWkweuM0gNBmHanr74qjDMG75qZZDJ2J4z8oz+lIB8pKsv3R+FNaQN0JP0qm1w26RSeRjG7jqcd/emNKd6jOFUEnaeeKCkaasyxjHU01pnAyBxWfNdLHbuzyrGgGRvYAkd+/bI4680qzNnOcrszxQwNG1nMy5YgDOKto3y9c1gxa5YfbobD7bai7Kb/ALKJ0MxGM7ggO7GDnOOavLfR2trNNNKkNui7zLIwVQo6sSeg9/ehAaW7bgGlSbb14HrXLeHPGmh+MLa6utE1ix1i1hl8l5rG4WVUfqASDxkc81ueXt+YliMZwelUMuiRWwR3phY7hjscVycXxA0iRvEkNtcXN5d+HYw+oQQWshkUkM21VK5c4Un5cj3rorW8W8s7WeJJF85FmWORSH2lc8r1BA6jqO9AF5uBTWbaoJNDNujBAbB5HHB9efbuelRO7NCrGNipxhgpwSewPr7dRSYE32hBt45bgDrTZJty8KB/tZ4/D1/CshtWZf7StrREv9RskEkllHIFYuyb1Uk4ALDpz35xXP6v8QLvR/EHg7Sb3w/c2sniQSxNI1whFpNHCZGjOCd7ZGeMDHehAdtDcFeCDT5JxxjmqqxtJDwcNnHJqSG1ZWySCB92mBMkm/sR9aZNKI13HpSrCd2cc/WmTRmRcHpQNFeSYtnPalNxtjOTzjNDWvykbutRTRvtOT2xSKGSTblGD8x/KmeYOO2Tility2OelMks/lHzdDmgBzMPxppkYrinKpPWmSKUGRTAqNI+AcUhchsZ4qcw7lHPSomiHmZoAgkmMbDJqOS4dYmOQT7VPcWpkwdxwKptCyqRuP5UAN+1Nk5NSeZujyPzqP7N5hY5qSSIpHs4xTQ0eNftB211HD4K14o02n6Fr8N7f7dxMUWNvmsB1CHk47VnfHK8j8VWHgfTtHuYbvWJddtru3WB1do4lB82XI6JgAE+45r2DUreRdNvGVEkKxPIsbjKEhScEdwSOa8e8B+Jba61jwgNP0PRtJbxDoU2o3E1jarC3mKyBkG0coQ/fJ460MGeuQy77fjgr1qlJjcTt4q7bwssIz97ue1U5Iy8i5PA60gREZT8qEH5qZKfJx9cUSRlbgMW+lJexu6AqO+aBlOa6QK2M5qtK3m5PTFSvbyc55zUMgdeGUZPpQALswwyPzqCaVV43Zx0zUcu9cnYap3cLdj81AEkUwkUg44pJBxmqTM0OMDvg01pHC4LUASzNt6kCq3mo3PQ0x5N7EEkmo2jxJweKaAbJNmmIwZqe8QFVlYNMY1IZxjKryRkgZwO3IqkBYbmmlcU/ae/y8Z5+maaxpgRsje1eN/Gq1ddW06YHG+Bl/75c/417Oa84+LWm/2g2lsIi+zzU+Xt9w/1rohuTLY+2doqPin80xgfSuMBCvasHxNrUHhrTL7Ur1zDaWULTSlhg4UZIAPU9BjuSK3GyrZNc14w8Iw+LrK1tp9QvdPit7qO622JQeYyHKhgyHIDANjuRimiWfNfwT+J17p/7RGv6brGoJqEXjC0jvYGhYmKGeMHbAD3CIJE467V9a67x58UvG8fxY0zwP4Z1TT1vbqRr68D2KvFplioUqzuWGZWXcxzxgrxk4r0Hxx8G9C+IfiTRte1a81Qajo/NhJaXIiMRBU7uAWbO0Z59fWsqH9n3wnHqmsagk2tS3msyK9+zak5N2Qc4bjO3PYYGAo7UMR4Nd/FS8+F/ij9oTxNpscc2ppqlhYW8jjKRyOrIGbHXbkkZ6nriurvPi14907WviH4P068XWdY0vSbO903UrmOKJ0nkWNXjAVVjJw7GMEcH1r1Zfgb4NVfEKzabNeDxA4l1CO6uXkEsmSwcLxsZSeNuKtW/wAHfCVnpeo2A01pRqEkU15cTXEj3dw8ZUxl5d2/grxjAFID5v8AE3xk1rWvgjJqUes6iusReJrWwn0/VbeKSW2Yx4aNg0f7zDfMGAB9QKueLNSudK+K/wC0FqVrcy2tzY+G7dYJ4zgo4iiIPIII42kYr3u4+DXg280sadc6DDcWIujfNHcSStvmIwZZG35Zj/ec8fgatS/CPwc02pXMnhqykn1JAt/JKHJulGDtlyw3AEfxZ6UEs+fJvFniLVNe+CelTeKdXsbTV/DEl1qn2S68rzykRIJx90/K3zDHSvW/2TfEWpeKPgfo2p6xfTajefabmFbi5fc5RJMIGb+LjucV16fDbwkr2bL4c04y2cJt7V2gDNFEQRsX/ZwW4962NJ0TTvDNj9m0nS7TS7TcWMNnCsMeWPZVAHJ9PTnFAI2WbvSZzyKijkG3BPIAO3vznHHXsRTlz0GSfoe3X6fjQUSbicY7UxZCzN3py/e28hjyFwc9+34dOtNjXaxINICUbqGwxxVaG+triSeOG4hlkt22zLHICYzjOG9OKraxrlj4f0651HUruKysbZQ008pwqAkAZ/EgY680Es0CPSnZ59qbu/HnHT2zTN3OG45x6/y+opiJfMxUcz8ZqjoeuWniPS4NRsmc2sxcI00bRt8rMpJVgGAyp6j0PSqHhXxlpXjixu7rSnmeK1vJbF/OhaJvMj27sKwBx8w6jI5yBSYG1GTTywpFjZcjGT9fTr9PxxTSHWQRlG34B27TnkZH6UgHL945I4BJ56AU/wC1eWuTwfr+X51zHjbxpH4Jk0NJ9Purw6pqcGmLJG6qts8hIV2zg84PTPStazur661DUoZ9MltLW3MYtbpplcXQaMb2CDlAjcc46GgDS+1gtgNk+lMaUZwRj6/zrhbXx7c3XjzXPDcOmK8mm6THfw3DXfyXDO7II+AQgyh5NdDp+rJHotlc6vNZWFy8CzzRi8R4ozjMmxifmUevSgDZ+0LtP3sDq2Dim+dt5J4xkHIwe/Xp05/GsDVNUZZtFjsrvSTa39zh3muQJJYdjMPswBPmMWC+g4PNcnpPxE8R31h44u20+yuJfDGszWjWcG8tcW8cKOzK5I/e5kJBwBkAdKAPVFmO0nsTgf5/r0qOORwxO3mvNoviY83xD0aKK9sT4R1Lw3NryXhjxKojeIAmTOAm2Q8Y610N98UfDGn6XaapPqoNpepJJbtFBK7Sxou55AiqW2KCCWxjBBzzQB1T3buwVQDmmyXAiU7m2sDj8fSuF1r40eD/AA5PYQ3WstNPe2gvraOxtZrgzQEjDrsQ5HzA/jXBeFfjRZeH7zxDZeLNS1GY2/iSbT49RfTWW3t4SYxCJZY0CpuJI5OfzGSwme6NcGfhVwMZ4NPjm8tFUbSfYiuE8RfFXRfDP9pPNFfXFjpM0cOrajaRK9vYs+PlkJYE4DKW2BtoI3YrM8SfHTTNDv8AxDaQaFrWrf2BZxahe3NqkSxC2YFmmUs43LgZ4GT2BwcFgR6uk26Me5ABxwc4xz9TVd2dWC4OSCenoM1wX/CRaZrPxQsNGeyvjNd+HJbiG+F4Y7Z7Z3jJVYw+fMLN97GRg4rx2HRrG8/ZIsdXvIhPqVoT9mvJpWMsQOpbBhiTn5fl5zRYGfT3nMqupLFgASD2zUkMnmMpyAuM5B4/H0+pryn4gfGS68E+KlsrnSLUWH9p2dgv2i4IuZ1mZF8+FQCFjjZwp3kBipHXrleLfi/4t0X/AIWDd2+j6GbTwXc26y+fdTSTXUMkayBVIACvhh82D9KLAj2y+uBHGzvIsaIpdmc4CqASSfQYHWqOkana61a2d/Y3UN5ZTKJYriFw6OpzggjqDjiuBsvHHilPF3iTw9qaaL9pg8PLr1i9vDIYoyXdGhkDN85wCNy7eR92sDSPHXjDxNJ8KbHTb/S9GTxRoU11dOmm+Y1tJHFGw8oF8ADzBtXoO5emhntEi7mkAycEDC8kZ9cVh+L/ABxp/gPRzq2q/bTp8McjSTWtpJMIlRdzO+0HaoBzk8V5T4V+LGveK7fwF4fvL9bPUtYm1RL3VbaGNZWWyZ1CRK4KI0hUZJUkYOAafqniTVtW+Dvxm0vW7gajP4f+36XFqgQK93H5AdS+3Ch0D4O3A4GaAPSdf8eWugLpwNreave3sMtxa6dpkYluZYlUO7hSw4CspxnPIGM8Vu6PeLrOk2l7DHcQR3KLKsc8LJKuRkK6EZVsY+U884615Dd6H/anx5+Gpa61FTJ4cuZQkN3IgJiNvhQBztbqwHDlckGsL4Y6tc+Nr7w94hvfHa2GrXOoz2mo6LA8zXE+55AbZoGl2xCMYZXWMbcAkk8UWQmfQqxvDjbG+AMZ2kj9O/t17da4vxx441XwJ4M8Qa9c+HBNHpMyrGj30aC4gJQef0ymDIQUPNeJeDDBpuh/DLxIdcu59au/GVxp11cXepSS7rUyXKmNldiNm0RNnGSxBJORV/xJf2Vr8Lf2gbGC981k11hbxNcNK/K23Cksd3Ic8cZU0xH0xNfWtlJb29zeW1vczECKKadEaQk4AUEjJzxgc1FceJNK0vU0srzVLG1vrgKYrWe5RJZNxIG1SQTyMcd+K+X/AI+araa5d+M4LWGRNQj0zTbiC4W1kuZbtA28PbMoxBCq/eYHLN19a6fxFdXdz8SG1bw8LnVZL/UdMe+8N6xpsqPcbUiZLu2nChoyi8sr4AKOCAGxQNHu83jLRLfW49Ek1ixi1mThNPe4UTk7Q2NueDtOcHB/GuEb40eHde8LeKLnT/E1r4fbSb02o1K9tzPGrZQLKEIAYNl0A64GcZrg/D3hm5bXr3w54l8IeIdW1e38RTavZ3rSyLpDq1xvju/MB2gopIxgscAdOal1rwj4mk+Gvxd8Mw+GNUuLrUtbu72xkWNTFcpLNFIu0lgScRknhcA/xZNAHpXi7Vda0P4l+CYYNY83SNdubi0uNPa2j2rttTKhEmN/VT3p+ifFDwzreuW+n2VxdTTXS3H2OcWsnk3hhz5ohfHzkYJwOoBIzWZ49aS68ZfCCQwy2zSarc5jlXDof7PkyCBnkc9MjiuI8L/Dvx/D408FeIdS8PWqXukXl/8A2hK2qRiGSOVCqmCJRtjjVSWCjDMxO7n5qQjrrf8AaD8KXENldwwa6+m3d4+npfLpUnlC4BYLEf4tzlTtwD1AODxR4i+LGlat4F8azXuk+ILP+w0MWp6bGqwX0SsgkWVXDlQNh3cNn2rnLL4Y+M4fAOiaO+nWUN7p/iw68xl1GMI0P2mScICqkh/3m3pgbQc9q0Nc+GPiHWpPipCg0y3g8W20FratNcOxh2QGIu4ER56Nxn0o0A3tS+Lzaf4ig8O6V4U1XWtRl0ddWg23MMaSQfcILl85yQOm7d2xzU2nfF618UWfhdPDdgt3qviDTn1KK1v7gwx2sCEBmlkVWJyx2gAHkHOKr6f4C8QW/jbTdfe40fFt4a/sN7cyTMGkLK5kB2/dyoGOuOc54rL8KfAvVPCNn4LvLHXbBfEPhy0m04zSQSPbX1nI5cxuu7cjBjkMCaNBoyvH2v6d8TvgL45v7/RY4dY0OC8s54bhY5WsrqMKW8tscAgKQwxweQK9KtPiN4W0e+03TL7X9NtNWuYIPLspblfMcugx8vXkmuE8feHrXwX8IPHOmiabUNb8Sx31zKbe0djPeTIflVUBCqAFAB9K9Y0S3hj0jS5ZLeJp0trfLSIC6lUBAyQcbcUmM8q+Jej6L4X8eeBdWPhVra0h1sPe+JbV4mmeaYNGqSnPmFXkYFi2QAFUDBzXtN5pcGpQPaXdslzbs6s0Uy/I5R9wLA9drKD6HpiuOj8Gz6hdb9Y8R3mu6dDdC+g064t4Yo1kVt0W9o1UyCNuVBxnC7t2KH8K6pfeIvFNxPr+r2ej6rb20VtHBeKGgmjOTLBwfLU4Gc/eycgUgOX8D6hc+HPi78Qv7c8OLpmo3tjb6tC2kyG6jns4Q0QKqFDNKXZmOBnJwM4rU8TfGYXGmaPbaNZ6tol3qmt2mjC91nTJLc23nFmaSNHA3kBcDtkjpXYaDoNr4fmnuzdXuqanPGtvNqOoS+ZO8aliqZUKqoNxOAvJ71P4q8M6N480ObSNfs11HT5CGMcjsGVg2VZWUghl7EEVdwPHGh1Xwv4p+On2HXr57+30Gz1G3v7hIpLhClvMVBwgU4KEfdGQRWjb6j4g8T+L/hbYSeKdYtdP8Q+G3u723tGjiaWdI4iXDbCwLCTOR0zxiu30/wCDng7T5NTlXTbi5udRtxa3tzeahcTzXEQGArO0hbpjv296t2vw78M2Nzpdzb6PGk+kxG3sZDPMzW8ZzlUO/hcHGPTHpSGjxay1rxHa+A9D8ST+J9avdSsfGS6FiacNDLbC7aDZKgXEjEEAuxLe9WNW1S68W+JvG7Xvjm38F6noGsmO1y0wnitY1VowkPmpHIr4bOVYtvPPFevr8LPB0emi0HhixNr532gwupkTzc/6zDE/P/tdc81q3nhPw/eapbazc6Dplzq1oFW3vpbRGuIdvC7ZCN3A6YIxQUeLaXo+hWXjv4zQzXBsdTkhintt15Jbz82PmMy/OrffUHrx0qHR9YjutB/Zturi6SZ2mKvI0oLsTZNGWPPOTwR6kDrXvM2m6deXTTy6XZXE00PkySTW0bM8Zx8hYrnb1O3OO2KRNF0tEiVdIsFRf9XGLWPCcg8fLx0zxjnmgCh4duPGTa5MmtWegwaQA3lSWNzcST53ZXcrIo6dea65MFapNIxDHHK09dxGAaYFrdtqNm/CqzTOBmmszNnNA0Ttiqk0w3BMc0jSyYz2qFmDurseaTGTKuOlD4K0QndGeMkU2c7SPehDIWb0pzbSpyaY1V7o4iO080wJpCAoHTNU7p/KyTwAM0hmkj3bvm9KwfFniax8J6TLqeqTNDpsKBpp1ieQRr3YhATgUAb8Nx50YI5HrUUkgrg9Q+KmgaH4b0/W7u7uLbRrxwkNy1jcfMzNhARsyN/8ORzkV01nefa1DjescihlWRGjfnHBVgCDz3FAF+Nx8w709mBrldY8eaF4b1awsdUvhYXGoyCK1aaNxFK5zhRJjaCcYwSDV3XfFWm6HqmnaXdXDw3+oNstoxBI4c5xjcqkD8Tx3xQBo3zBoZ0BODHIDtHsR/Wvmb4XzRfavg6UkQyJpepW7LuGRtKnafy+lejX1546+IVzcWWmQTeA9ASTypNVvAr6ndAdRAmSsQ/2jz7VnWf7N3hnRWgu/DEt54c8Q2wbytbilM0kzNnd56N8sinjIG2gD1MtiMqzbcDODwcf0/GqTZ65Oa5TS/EXijTbuTR/E2irDLCvmxa1pZ3WNwvqVb5on/2SD9a1NJ8SadrtrPc6dqVpqFvbsVlmtZlkSMgZIJBwCOmOuaBmhcAyY29aXcRHzmsvSvEWn62jyaff219EvBkt5Q657jjuKsSXjtnAwAM/MMfzoGSbl71FcYdVb+KopLgsAVC89iQDUfm/KpPWgBWXK81Umi+YbRUssrdBVX7WVLllGO3NAEUiDqVGcfrUEka/3RTpbsN145xSSMI1LdsZoApNbhWJxULQ7XyKmM++QEdKgMmHwKAK15cfZ7Wafy5JREjOUiG9zjqAB3ryLxZqVvqms6nqVhpF9c3F74akKtHbCG5t3jeQCR9xRx/D0yeBxXsEwO7O5s5yTnnnryMVz2seF4tS1gan9ruYblrKSwKja0Xlvkn5SMk5J53VoBc8LzGTw3pbqzkG1ifdISS2UzyxxWkazvDumvoWg6fprzLciziWFZRFs3BeFyuT2rQoATnpWZq2npqHl7+AhbH44/wrU2/NSNhGO8Hr2reG4pbH0pmmNIaXPFMZa5CSKRveuG+K3xMtvhtoNrcPFFc6jfXSWNjbyvsjMzAks57KoGSevsa7eVVXIJxj1rzP4meGdQ1fxB4K8QWNmNTl8O37yzafuRXkjliKEpvwpYZ/i/OgTN/wLrkHiHR/tVv4jh8UNI7LNcWsYWNJFOCiouSv/A8/qK5/UtU1TUvjImgrq11Y6Va6IupSWsEaYlkNz5eJN6sSu3sCKx9D+D/26DXrrWLnUtFk1nVW1QWWlXjW5t18pY1RynDEgFiBxnHJxR4Vt4NF+O+rWK3L+Va+GtPtYReT7ncNPIzZZsF2GBmglnN3/izXbb4S/EHxV/wkGojUobq/t7Jd0fk2yR3RRDGuzhsDqSa3vENvd2PjLwH4Zj8Qa39iuxqU93ML8pPMVgjZQXQLhQ5OB6V5/eXtvcfsx+JUE8bzzX92ZlDglA+pHBIByOD3xXZ+JvEWmv8AGLwNOdQsxbHTtTaKbz0MbMfLQBWBwSTxwexoJNzSPEF7418QeKjZXhsbXQZ20qxUglHuvKUzTSr/ABhN2wL6Bj1NZnh/TdT8MfF1rG08S6xruitpL3GpprFwsyW9yZVELIwACFgJDsUgYHBORmHwfouqeFdS8eaLELePVNQ1ObWdMe+V/s8qTqoO7AODGwYEZz0q34J8GeLNM86DxDquialpdxHKb2OxtZfPv5XTZumkkbpt7ADhVUYApAR/Gf4kT+H/AAxpttod7BFqOuata6Mt5DIjtZrMzbpMA9QikgfyrE+MVnB8JvBo8WeG3uLXUdLvbfzPMu5ZPt8Ukqxuk4LEOWDk7iOoOK6PWPg14X1PQptJ0/TLfw8/2hL2C70uBUkhuIv9W/occg5I4J61Y1DwDqHiq40z/hL9Ws9R03T547safp9q0Md3OnMbzF3b5UPIVcAmgDifD3jQ6D8bfiJouj2kd/rmqXthJFY3Fy6Isa2xeaZ2+bYo3jgDJJGARzXXXfxZu4fiJF4RSHTLa+DWoaK9d42vUkCmR7VmG0iPceM7jtPy9M4urfAtdT8T6hrp8TPaaxc6lDqVtdwWKh7QoixhAd/zoYwFYN1xniug1P4Yr4i1a3udZ1x9UtrfUI9SjtjZojJLGFAVZNxZUYqGKjvxnBpgZGqfGjUbfwnc+NrOxsrjwha6mbBoXZvtcsS3AgecEfIoL5wmOn8Q6V6Bp3xI8N6t4in0Gx1WOfVoTIJLfy5F27Pv/MyhePrXM2Hwf0Ww86zXUb5/DkupHVW0JhH5Pnl/MID7d+zzPm25xXbyXE7Rnaxzu6k/z9fz5qWBwHwnW00PxN8WpYYRbWkOuRuy2qFjxZIzHCctyc4x3FRfEL4wPL8ONV1nwqbi3uLC4tYnOr6VLGGE06KRGJsAlc53YPSur8J+FLPwjfa1dQ3moXdxq9z9ruftroUMvTcAEGPlVRjPQCrfjHw5pnjjRm0vWBdTWLSJI0VvcNDypBXcw6jIHHFCA8y8deKvGdv4k+J9vY+IodP0/wAN6PFqVosdhHKzO0czeWxbdhcJ1+m3bWl4b8SeLZvH3h/S7/XzdR+IPC8us+UtnFGlhMvl7fKXGWX94fvk9BXSX3w18O315rk9xBe3EutW6W2otJfzf6TCgIVDhhj0+jGrdv4F8NWl7a3qWNwbu1sjpsMz305aO2Ocxg7+nI5/2RTA8v8AA/xI1/xfp/wq0XUtXuYrnxDb6heX+pxMqTSiGRvLhTghN2R93HCY75rn/B+ptpPh+bQ4tdvhd3njbVYvKjnW3l1BE5bzbnjyV+XezDJJ4xXuDfC3whcaFZaK/hyzl0zTpfNtLfLsbd25bY2Syjg8Z7moB8MvCEFjBYweFdHFpb3P2qKH7IjhJjgs/Q9RkfN94UCZ454f+IU2qfBrw5c3Wt3et+KJru803TtOtdUeP7XKZ2VHmkRlcxxRqW3kgYI7nFaWmrFpPiTwX4L1jxFNrOjNbX732oS3kgS61RPL3QlwwwFjZiEzzivV5PAfhh1Rf+EY0RliLsoawiYqXOXwdvc4Pp0GOOdBvD+m/wBlrpx0Wy/s6E+YLVrJfJVvvbgu3aTnrjk8DNMR8+R6hPH4R8JwahqEk2nRfEZINKur2XLzWUUshRg7Y3KCHG7pgD1FL4o1eXSX+M/9lz3Eka63paXq2sjyTxWbKn2opg5QbWkXgd2PYZ+gpre2ljSVrS3lihRRHujTCdyFyMKOnQDovPFXLW48togY4g+ONi479cjB5GR1xzQB87XF54JuvG3xQbw9BZjRbvwYkcP2GAxwTTAzEbdqhc8Rn6j3qzoOk+H77xp8KZNX0yC9tbXwUyXJu7RpESRREFSQMpBK7ZMLjPynpX0LHq26QRR3SCTCgRxyDOMZxsGOMYPSrC6kZt0K3UTvG21wkgJR++7B4bkfkfekNHzd4D0+ZvDfwNWTS737Xpup3RvGexl32sZSYIJCV+VRviwDj71d94JuG8P6T8XdT1KzvLCzbV76/R7y2khWW3Nsiq6lgNwJjYADngdiCfRrnWrXR4ZrvU9St7G03iJri8mSKMZxt3M2Bk++ffGKdeW2n+ILW381k1CwV47iIRyAwSEEbc7eHVSAcNnJUZ5GaAZ8vTfCnxi2leAbS10++W80Xwowl327G1uLnz0nFlKcfcKpsI9fzr0jxsvi/wAdS6ZLD4K1K3W40e7s7iOO5htrq3u227YGm3gi2yoYhfvELnAGK9VuvE+lQ65DpE+q2cWrXBG2yMyiQ5yR8vQMcEgHkgcA1lS/EPw5Z6tqGlS6l5d/aRyTTQyW8ufJi++ykp84BIB2560xHA/Dfwb4r0rXvhjdaloL6fDoXhmfSbqZ7uBvKlbywpwr5wREc4BxuGM0l58L/Eepaf468Kz2VvFpPiTXZdSOsLdIRHayPGWHln52mCx7RkYGc54r13w3r9l4o0Kx1nS7gXOnXkKzW87IyF1b7rANhlJ29CO/OK0HwDz/ABc5OQfw5zj+fQZPFIDxy6+FHiK30/4geGbCWxn8OeLLiS5XUJrkifT/AD1RLhTHtIk+Vfl5HIGan1L4Q61dXPj63tJ9NtrHXtDttEsWnuJWeBYYnjDyKI8ElZG4B4x3zx6pC25omZwecDoG/DufyqG31K01TzDYTpc+XLJA5jO4I8bFZFJ9VYFT7igDitN8Aa3ZeOtB8QSahpX/ABLfDv8AYZtkWVi5yG3gkD5dyL8vuea4jxX4cl8C/AOHwRLdHWNTlnhSyNhaTAyr9tSZshdwGNzZya9uSSRW4jbdkj5uDx/np1p1vLKsa4bJZuOchhnBIx16c49KBHnHib4Ar4j1jxBct4t1Cxg1TUrbVGt4rWEtFPBs8seYwy0ahMKgCgE5Ib7taOofBW01i18bWtz4k1OS38WSxvqCrFCGzGqouxtvy/Kgq/4+8beI/CsN5NoPhZddt9Otftt5LdXn2XKgMzJANpMjKqlj0GOhJ4rofC2uQ+KPDuk61bRPb22oWsd3EshAfa6BxlfXB5oAwZPhvYz69ea3caxqz393pQ0WaTzIEVrcdgvlfK2STuHcmmaX8J9D0mTw5JaXeqq3h+0ez0xmvP8AUwuoDKfl+boOv90VS8N/E9nu/F0fiq603So9F159Gt5ImdElxEjIPmOdxBY4xzjjNbc3xA8OweIIdJuNYtodQkkjtlt/mI81xlIywG0ORyEJ3cjjkUO4ytp/we8KweH7LSRaTyWlnePf2032+Vp7ed2Jd45Q29d2WyFIHNUfHngee6+GuqeFPCtnYwJqtvPbySXlw67BKrBpi2yR5XLEk7iM5x2qr4u+NHh5dP1/RdF8R7fE9pBcRxtDbPOsE8URl2szIUHyq3U9RVP4UfGnRPFum+FtJutQlXxHeaVDdNJd2rwQ3cgjUzmKRgFcqSchSfXpzS1EdvD4G0JrrTtQutKtLrWrGCOGK8ZCXjCqAFQjGACPx71ft/CehQate6lBoun2+q3abLq9htI1mnUj5lcgZbIJBJyTXNaX8WdE1TVNGtQt7bWmuSvBpOqzQqtrfOuflRt2RuCnbvVd2PlzXJ/B/wAeXMNjd6RL/aPizWn8Q6nAFM6SSW9tDclFklaQ/KvGB6ngA0WA9htvD2k20KR2+kabBFGxdY47OJQGOASAqgg4A5x2HpUiwi3kP+jRxDJPESgFgSSORy2SfU81xmi/FIeJPE1zpmkaZJdR2l9Pp810l0haGSJWJZ4gcorFSqsxG5sdua8u1680vxJ8KtB1ay0efQ/I8d20T2s9wZXSX+0Nk245wdzc7c/L0GaVrgfQcmprb4BukiWMF5f3oURg8bmGcqMZx9DVq3vGkh4n3xyhWG18h85245II6Ecc5wa8G+K01prFj8ctLuvDtvZ32n6BDN9vabzHu08uUwsVwNuzZxjpnndkZ7b4M+MLjxtpEE2nCxbwtZ28NjHcBnN1PcpEBKoXOERWAUMVBJB4xglpWA9E37m2g9QT7tjrz/h+VQxq3lqoOMHA2jOO2BjvjjHWuG+LvjHWvCM1jFpUlpbedaXc4M1u91czzxAFYUgDAgbTueToo64PFcX4l+M2tQ+D/CXiFiPDuja1oiXj6otib2CG8YZWKcklo4SOQ2D9aopHpg0nwve+PlkkhjufFNnbi9iaQyOYonJhV1/5ZLuOVzjPJ7V08shZUIb5Ww3mKeOmAevXrz7V5bqninxDeePfEGhR6rDBYSeD/wC27O5soF8yKVpCrP5rbg4OMg9BnOM1r/ACGRfgv4NlmvZb5pdOhlVpthaHManaNgBxkHlvn+b71JknabmVtuTndnIPaki/eSSIECoB1xjJq00Y9OacU2446dKQyvs3xse56c0qRg4HOAMYxUqLjjHFSqPmwBSsNFaKORcYO0+xPToR78d6kaJmVsjcG7dOvH8qtKp25pYo9y8mmMrRxsqhQO2DxUkMcqsDgn1xgcemMc1YCEHrxUsaqKQFBbcmTknGc9asmHqQvNStGAc1JzQBVjhG0gsfM9KkaI8qvSplwzZK8+venbfmzigCFYX9cimmM7SpY8+1WgQnapPvHASgpFOGFjtLNuwMdKdJb42kHJFXFj4wKPLIxxnNNDK8cJYYz9as+SR0Ip8cYWpttUBTMHy4IpslqApAOSauSZWmcUAZclkJF2t8o9jTWtl4xWkyg9ahkUHoKBoiSMRqMfjUMg3EGrIBIpjxYoKKnkhqjlhVT7VaZTnAppj3UAUpIlbJxXF/Fqx8/wCFfjJEDFm0a7BKsQT+7yBn69K71lGMYrP1rQbDxFp81hqdpHfWUwxJbyk4YdNuQRxigD5X8c2PiWb9mjS76bUNJk0oR6bcmK3sJIpNokjwPMMhU47/AC564xXs3iHwn4j1q6WXSvGcvh2BohutE0qG5DuM/OWdgx7V0d18LfCs2hx6JLoVnNo8bB47GQOYkYYIwN3IyBxWrYaJbaXax2tpClvbRjbHCmcIv1JJP50AeZfF7wbZeLNE8MaRrcUl9bXGqpHNIoKNvNvMPNGDhXDAEY9RXCaLqniHRPiD4M8DeLVlvbuynuZNP1nny9RtTAQGbBH7xQNrL3617/rXhHSPFDWqanYpdm3lEkBZ2Xy34AbgjLYzz71zfgnXLP4leHdO1u50mGCW2upxBHI5l8mRXeJmVsAglRn60AdHBapCpVcgc/r9ck/nTWgEa4FWtu2mtgdeaBoxb6ESKFOcA7tqnAJ+n9TmvnbUNH1bwf4+8Y+N9BWe9hh1WSPWdIhy32m22I/nxDnLx7mJweR619KTRhmxXBa/DpXwzNxriR6jcNq2owwTo100oaWT92rkOeAAACB1FNAef/D271LXPh5BeeDhpd4s2o3j+ZqbyRRvEZ5DkeWpORgDBA4rVWX4oW+M+G/CtyuMHydYnT+cJr0Hw/4R0zwvayWelW4srWSeS48pTlVkdiTgdhyeKvTwoseR/IUMEcjocWs3tnFJrNpBpt8u4G2tLr7RHtPT5yoOfwrR+ynaDnkVoOoTjfkehA/oBVcy4fGKQytIrH5ccVVubPcp6VfdwG6imso2nnpQBh3Fm2enfNJOpaEgemK1Jto5K/rVKRQvA5poDHKeWQQDxUSo6tuI4rVlUL0GapzMwbAA+lMCGRd3Sqs4bzAOoqxI23rULMfbNMBeNtIeBmgcrSM2eKYCrSiHzGPzDgD71NDc1BdmQbQjKDznJ+laQ0YmfTDfLUMjbRmpm+aoZV7VzkMyGncswMu4+neub8W/Ejw54Ft4G17UxYrdNIlvH5LytJgDd8qKx4yBk8ciurltViYtjJ9e9cr4w1i38L6HqOvNbxTT2VsdgKjzJGY/JGpI4DsYxge1AiLwt420jxjo39p6PeteWYleLzGieMK6ffG1gCcZou9J0y6v01i4060m1BI1SO8eBWmA5KhZANx5J6E+vSufsbfWPh14U0XTLPwvqHii8WF5Lyeznii8u4LB5S3mOud0jE8A8LiuI8Ua/qXiCx+KWoz6vqGg6h4UYDTbWG4MawEW/mB3U/63zJPlwc/LwM0CZ2Wn3nhz/hL9V8MQaHFHqMVlHe3atpyLDMrvhe37w5yx4AyDzXU2ui2C3EMZsbRPK+4rW8Y2n+IDK4HJzwBzivnPxh4x1C3+JAutTSbS7G58OaRB4ivLJmSbT43leR9g52AvgN3AbgHpW38UtQOi6ubmwn/tfwxZWNpDLZ2OqOl1ZB5WaO4iOSJy+QMMTwvegR9CyIbiMnaXC9COevBx7k5OexFU4ZlL7VJYYBznjk4xn9fpXz14s1Y+INI+KN5qdzc2fjLS9RMWhQpMyTwR7Y3tvIjU/N5jE54OcnOK9Xll+I0kwMVn4d8kWobz7q4nNzJMIujBV2j956fw+/FAD/8AhYVjH8TLLwglvJc6hdW091LLFny7ZY1DhWH8TFSGK+hB/iGeh8SeINO8K+H73V9VuVs9Os4jLLK2AMAcBfUnsB+leHaH4c8caF8YPBVvf2uhb0sL64ubpbmWczebJF58ztsUeYSMqM4+gAFbvxc0PxdqPwj8aJrz6JqiG0D20Gk2c3nCUTIdzeYx3ELnAUUAehf2yf7T0yZJtPTRZLKW5uZri7VJ1cBCmF/ujL5Oe3er9vr2lyR28o1KyMNxKYIJEuEKyyZxsUg8tnjaOeOleY6ZFoup/HDw9cabpawadJ4bu4X/AOJeYY2Lyp5cbLtAXKByAccN2pfhr4P1LR/E+oeGZoFl8NeDbua80jcxDu9zHvhj5GQYkeYc/N86GgD0208UaTqmrSabY6nY3d7CpeS2t51eQKDgnA6YPBz071pzLcmxk+xCGSbkos7FULDrk4J447d6+ePhro+v3XjrwPqA8P6zpNtBYalZzJ9gWO20yWUKAib8s4Ugku5O4njNe5eGdH1XwtZ6hLqevaj4rJQPHus4o3TZu3BBEACWyOpH3aliMj4U+KtS8e+A9F1rULe1t7i+ErObf5IvlmkjXAY+iLWj4o8ZaX4VaJdUu3jeVJZEgt4XnldI13SOVQEhVHUngZGcZrC+FHhPVI/gxpGg3kmreFdUt4iks1rtS4jJmaQ4JDDo351l+PPh/wCJmvtL06wtL/xXpjadeQz6jc3cMV2s7NlEllwh8juVjALYUEECkB0mqfErQ9Lsre7F1cXlpcWK6gLmys5Z4ktznEjsqkIp2t1/utnpVG8+MXhm10eC/wDNv7i1ksDqr+TZvugs95Tz5AQNqllOO59K4y08C+M7zwR4D8Iav4Wl/wCEd0+xjj1uC1v4GkvnhUCKBsuP3ZbLOuTnhemSbXxG+Hvjv4gQ6pBPpGlx2N9ohtILV9T8tLK4LuMy7OZSIigHO0MW+ppIC/rnxLn8J/F3UoZTrev6GPDUN9b6dpVsblYi0p3SYAG0eWg+82fmrZt/HmgeIfFfgv7HqGpzw6taXN/YyWxCWM8ap84mX7zMi9F6g1U0vwR4z0TxXFrtrYaVeyXHhu20aSJtQZUtZoXZg2TGfMU5Unbg9RjFGi/BvVfCutfD1NNltJdM8Mabe2kl1PKyvLNc8vIsYUrgNk7SR94jPApiZYsPipZ+KvD+pXttpGqS6Q2lXF/FdW00W6eKNgrBcP8Au5BnOxtpxXCXXijTNH8UfC/XIJ9QtNKufC11NDZ3F08ryEpEYI8Dh5iXA6Zya6bw/wDA/WNLutfvUOj6Jd6tosum3Vnp80v2K8u3wPtckZjHlkAHhc53Hniqerfs43viLT/B9hquo6W9roGhyaQGiSUTGRlQLPG+BsZWjQjv15pAiz46+133iL4O3OqWDaRft4haM2n2wy7FNpIwRjwhbI77vuj5qtXnxia20dvFQ0hJfB0OqnS5rz7UftS4l8jzxFtxs84Ebd2cDOK2G+GnifUB4Gm1bxLp93feGbz7W1yljJuvT5TRfODLhflcnIzzUNj8Dbe30+60J9XM/g2bVDqq6PJaDzVYy+b5HnbsGHfg42ZwMZ5zQDIfh/oOnX3xA+Kl3LBELldWhtI7wKqzRRtYx7tknVfvdjWZ4N0fS/Cf7QmoWVl4Ym8MwXug+XY+SEMF+scwaedirHDD5BtIDYLZIzW/4Ns7+38ZfE+xeLVNHn1jUxcWWpxWjFBGLSFBIkhGwncDwfSut8P+DZNP1SDVtW1a58Q6vb27WsF1cRRxLBG2C4SNVwGcqm5iTnYOOaTEReLNB8N3VudU8S2UV9a2MbkRXCeYh34BKRY+aRmQKvBOWI71m/BvwTc+B/AOnaReRGGRpp7r7IW3C1jllZ0gz6KhA69QfYk1r4SJr2naJZX/AIs8TN/ZLtNHPHdRLJPMWJ82Q+Xyyg7VxjAA781raT8N7LTtL0+1XVdbufsuof2k9zc6i7z3MuMBZm43p935cD7vvQgPAdamuLr9nn4kanMS2vN4tmZJBzKlxFexxwKoz8pRQqjtgnrmvUPFcEq/HCwWbJk/4QvVPkfkZaaIt8vuR2rsz8MtCl1yXVHtpvMku11CS0Wdhay3SrtS4eLO0yAY5xgkA4rEvPBWq+Ivik2rajp0dpoK6Fc6Ouy9zLdGWZH3BIwCnyqR160wPJPhDq+veDdD+Ee3WJtU0vWvDd5I+jmBAkJgtxNF5RRQ5YnOTuOa0fAOreK/FWk6B4ml8bQ29vrdjcC5sIblppJJzEzr5MRiCwtHtIP3ht4Yk817Dpnwn8K6TNo01rpWx9FRo9N8y6nkFoh6qgaQ8Y+X6U21+GHh/wANNrGoeHPDmlWGt31vLGZwhiDM4w2WAbYpPJ2rzjHegDw/wOPEE2m/BnX/APhKta1u98TuLXVLG4u98EkBhkdpI1ABRowqnzASTnGc8Vj+E7zw/pPw48PaXNqbLeXviS8hmtbrUmW2dUmudi3TMxaKMABsLgyMi5IzmvePhH8J7b4ceD9Jsbmx0tddtLUWc2oaepJlQH5juddw3Dkj17113/CN6OsU0Z0fT2jln+1OptYyrTdTKQVOXzjBPIx15oA+TvDd9pniTwv8NLLUtaN9JD4wvNPnUahJEPsw8/bGV8zOzARckk7WC5xxXpfwl/tSPSPGuk+Db3R47fT/ABZdQW0OqvLPFFalEwI/LbON4Y5zjG7ntXty6bZ7gws7XduLZ8hM545B28Hgc+1Tx26Rsdqqmcg7ABkc4z69f1NJgePfET4h2unR2ngnXLif7Ze2oOtXejabcSRiN8FooQiOQ0wxjcTsUsxOflrr1t9d8R2ei3nhrW/+EW0WW2jK6ZdaKrTvEpOPvODGCmMDGcdq7tfMjjCK7BASQAxAHUdBgHjAPFNxuOOueT178dzkkDgHNLUD5isbHxT4c+L3iLxbbeHdZ1nRpPEcoXS10+YPHHNFGovrbKhWdTG4JPY8YyAbvj7wv4t8R69q0tr4O1OYW/iPTdUtBaNDBbXNvGYS08hZg0k5AwQw2oByOOfpPB3cnvnOPXHHsOB0x0HpS+WNx5zzkccex6nBHPPfvmrA8m8N+FNfm1b4tC+0e40mPxJL5ljPdSxmNx9kEIB2OSMOM/d5HucViaH8Ldb17RfAGk+ILAaHa+F9Plgmm+1RTPdTtaG2HlbWb5AGZ8tgkhRjvXubLnqo/wCA8H8T3pFzHwDjjoOmf6UgPF/Dfwn8SyeGfAfhnXobNNN8J38N2upQXZc3q2yutsqIVGzgpuz/AHeKyvCPwN8aeC/Es/ifTZtHtdTvdVvJ7+1e7le3vbKaQyxxv+6yJYnPyuBjHUY4r37O1s8bj1IAB/8Ar0/7ygDAx7UAeTR/CPU7z4jad4svm0izvrG8nm/tDTTIl1fW5VhDbXK7FRwu5cuck7ARjNV7f4Gaz/wgbeHf+Eg06OX/AISX/hIVuobKRgubj7R5OC4/j/i6+1eyRoTjJwKeZABt/rQB5drvwdu/EOseOLybXreCPxXpkelTxx6eWNvGilQ6MZeW2s3B9vSrXgX4Nr4B8QDU7DxBcCOe0gt9Q05bREtrySNSvnlQ2UlI25Ydducc16KGBOMU/g9qBnEeLvhfp/i/xFZavLqWqaZcQWMmmSppsyRrcW0hBeNiULDkdVIPbis2x+BeiaZodvo9rq/iCLT49POlyxi9RvtFtvY+XJvjYEYZgCoUrnjOK9IZfmp3FMRyNn8N9CsvFEWvQRXUV5Fpy6THCJ/9HW1UACHy8YI685rR8GeC9H8B6Kuk6JayWliGL+W08kpBPGAzlsADoK3GUZ3DrTNwPSgaGyLubinKuetIzbDmlWQMRnvQMlVFznFK0Y28daTcBSswzjrQAm3B9RSoNze1IW28AGkMjL2oAnOB2pq5pFYMM1KjYqWAifN1pwHvTR7UuTSAkXFOjA71WeTb3qaN/egCY7aRGJbrTN3vTug460FIsfdoLHioQT3IqTnrTQx6HdxT91Rj72RTh0qgFZqbinMtI1ADWwRmoyuacVIXrTMj0oKQ1sCo9wPWnvUAyTigY1jhs02VgvNSSDjNRnDLjFAELyFelNVmYZ4pJPpimc7cCgAZvmpm04z1pGzmn/dXAoASEf6RH9Qfyryb4DxSR+Dr+3VGIt9c1GFQFJ6XEh/SvVt3zZB57V5trHwH8F6lql5ftYahaT3cpmm+watdWyMxYlm2RyBAWyc/LTQHdtG/ZWOPQE1X2ueqn8q87b9nnwfzsbX48/3fEN6P/atI3wD8Kq2Vv/FER/2fEV2f/Z6GB39wu1TkFT7jFeZfHiQR/D1ptvz2+qWEoHUjF1GPzwTU8vwK0dc/Z/EXjC3/ANzxDcn+bGs+/wDgTpt8kcN94m8XajapKsxtLrWWkhcqwYZDKT1A70IaPQFcSID3A/Wq80g6HJFSrGyriq7qc5IoYzNulCuwXPPSqsisrZzWrJ80mNnFQXUQ7UgMqQnMZ5wetNglPmkMa0Gtx5Pv2qKS3TO/AzQBm3G7zHGeO1UJJ3ib5uK2JI+uRk1nXFmrckn8aAKc12F6HNUmfc+7HP1q5JalWxtBqt5ZziqQClfM6iojCKm8wr1pm4VQEQUqtIFLHNO3BqD7UwI/4qhul3bcdeT/ACqfaSaSQHCn1prcTPpKmSL3p7U3GRg1kyGV5cNWPqWi2WrrEt3As6xSpcIG6eYjAqxHfBUHHsK1bnK1UVt1IQxkVWzjnvj15yeenWsS/wDBeg6pq0eq3ejWNxqMYVVuZbcM42/d9jjtuBxW3n1qCa4+U4PWgDBuvBegXV5dzzaDpk9xef8AHzJNZo5nAIIV+PmAx0qT/hFNDjura4XRNMintcfZ5Fs0DQgHOEOMqPYH6YrSjkOeetJJKf7oP1oEyCTTLOS6jvHtLd72MbVumhUyqOmFbGRgZwcnFTrGFwQBkHr/AF+tQNIc9cCl84kZoBF3cfL+ViBznBPIPOPYZ7VGy/dYHHPY8jg9PxxUCzOpx2qaM/LzQML2x/tTTbq0lurm3WeJovNtZAkkYYYZkbHDds84FZ/hfwzY+E9L+wWHnSRmVppbi7lM09xI3DPI55ZiAB7AD0rRRyBimNcFeNvFAmX8MeDlhgL+H49h2FNXIOAOc5B5/HoRVeB5GXO7iripx1OakQgVtwJGSOhOSR+vNKV3ZyOe2Pb+VP8Am9KfGuDzQIase0e+MA88D09/rSMu5hgnC9O/4D0HtT9wDYzToV70wIfL3cHkHqCB/n8sVNGBu2kD64/pSOPmyKVCAmc80AP2r3HOPrzUAkHcmgyEnNIsYboDSYD/ADFXnqfpR95s5/SmNblelKikkn0pAObe2M9M529ieufUc54zTizR9KfngH0prqW6UAOMoZctyasQ47dKpIn7zaQauqMcdDQJjzJ6CmtGvOe/qB+uME/nTfMpVJb71Ah6rhcU0+h6U7cAM5qLJZc0ADeoORUMkjKcVMjBRimso6mgaGx7sg9M1JzuzQ2OOOKFXdQDLEZB61IqjOTVcZ+lSGQEYJz9KaESovc/lTGbI460qtj60wnFMBI5D3ol+9kU3qOKegoYAB605WxSU6JD360gJVO4+lQuuJMVYAGcjil8sYyetDAiVfl96mXFRNwtNUkcUIaLIxnJpCwHeoixUZNRj3zTBk7fdqFfrUu7cuBQ0QHSgEM2+tQup8wAVNuAXb2pI8N9aYx6KO9NjbByKmK/LtPSozGsfQ0gHnLtwRTdu45Y0sKqpyTn6U7cPWgBM7BgU7zAvelVc8kU1woGcUmBKrDOM0bqhUDdnNSbRSAXcD/DUkZx2FNjXdShGVuaAJiQe1CH1pAm4ZFO8srQUiX8BSjkdKPL4zSMx7U0Mcppx4WmtIvYGmrKTwaYDmkpGbNIVzxTdw9KBoXcWprA0pk9KjaU0xjmFQFm3cCpWNRbjuoGHUc0zA+lSSD0qHJbrSAily5zTTkelDNyRTDk0ADKfSmsM96UyGoN/OM0AJznFV5mLdBUplIaoJJfbNMaIdzelQSyMDnaKlml7ioGk3e9AMgcsvXiomLBulSSyFf9qo45yzdKARA4bsKjKFvvDFXGaoJGLYyVX0yev09aBlCRSvbJqtL7g1pN7iq8q5oAz2k6/JgVWkkGMYNaD42nPeqTKBwRxQBWMnqKqzBWXqKusoqnIo24xTQFGZgq4FUpIyW4q/LCCM1WaMDuaYFGSNsZFQsCTxVwxnGAarbDupoCuCRkelS9s0hj6ntTcnbTAerDmmt2pFbr70oyaa3DofSLCmNhRmnsc9qikQbcdazZmyvckMM5qoo29amZRvIJqORG27grbc4zjjPpnpSERzYA4rNkXD5HStFU85flUt9Oe+On4iqsmPugE88DHJ4yMfUUARLhjnNLJt27e1MZvKYjbtIUsd/y4A7nPbrz04PNILmO4jDxNHLGTgNG6uOx7E9jmmgEeAP1pVjXGKfuAOM88e3UZAz0H41n33iDS9OvFtLnUrS2umha4EE0yrJ5S/ek2k5Kr3IFDA0jGPLwefpSouFrEtfG3h24h0t4tf02WPVJjb2Ekd2jLdSA4ZYyD8xHet2MFugzUgEO3qaSSMZp0mVU4PSkhkBbBBpAOgG3henvVqP3qEDac9qcz+lCEywXxx2prHDcVGG9aWSRVjz3oZI5mwOgzT1kZV4/SoJCWGaWKRlpATMCTimsuzp0qTcd1JtJ60ARiM/SrEIK9MVG67jjOKlQ4QGgBJNx7U3AUgfnTmkPWomb5ehzQBOVRlPPSoxG20KDwahjVgCCeTU6SMcD0oAVYTnOafks3NOFIy4wc4FABsEfANSRjfyKqr94nripY5NvGCKAJGTtQqnd7UK245p5X0IFADDGO9LgBeaa2cgdSaY27fntQBKwGNvanxqPUVFJkx/KMmlt1wuSc84oESsN3tSFgi9Bmms2TgcU4Q+Z1oECtuGaQnIxSlCre1KeKaAiVvl61JG3vTVjEkYPUGljjAOCcGmBMamUBWz3pnlr65qVFPekwIy/pTvMAWl8tNuc4qJoxyM9KQDlO7Ap+35s1HGo+UZAGcDmlmm2HGRnOMUxomaPzFpPL9qkX7tN87y/v8UgZH5TgfL+tK2StS/aF2j3pkUyzBghDbW2mmgRGMH71EcYXB61P5IPWqtxcfKMDaQ/SmMmYk9uKVVDe9RrcBlC9B6mneaq7sdqTARm28KOaaFc805ZhuA27nxn5ef0HNDXHy8KCOMN25/l+NIBwyPl3c04g7eaiaQJIMngjP4U5Zt6ndQA7ywrAE496eMHpUE8haNQORjO5eR34z68dKfbyMIcbcfXg/lQBZWZI2BPP0qzgSLyMGqK5ZlGT9cVdt2Ctg/NQBJHHtGBS7CxwO1SMy9vr+HrVSSdod7fdwQPm469M56fjTKRZH3cYqPlsYGajDZ/iPfHfOOpH0oclot3mMce2KBliOI96CBuGO9VlZiMlqkD5kUYpAOkcRkZ5ycDHeopflBI7Ukh3Y575+n0oyGDU0AA5xQdp7imsw+TB61FIo/hOaoaJl+6VPIFQyMFkxTB8khO44oYhmfPXtQMsKMrUcke0Zp8KlV5pJ3Cx5b5aTGUG5kIpOAM5oCMee9V2Bx0NICXjnkDFRMqN8ynNQMm4Ou04DZ/ClaP5vlBUU0Arso5z+FRbRNzkD6UzaTKc9R2pbddqkYIx60wI5bfcuc1VO1McjmtCZsx8Vzb/M4QZLfjQBfm2j7pzVdV7io2yjY5Jq0y/LxQNGN4o8R2PhHw/qOtalL5Vjp8LTzMoycDHA9SSRj61wV78TtW0HRLTxJruh29j4enK+e9vetLc2Cvjy3nQoAygkBtrHGa3/i54Tl8c+Adb0G2kWO5vbfZAWOAJAysmfbKjNeXeKvEkniT4QXvhWOyvIvFd9Zppo0lrdxJFIW2li23aEyCS2SDgdKaBnt63AmjWSN1dGGVZT1GM5qG4mEYLHJIrG0LTpNH0TT7DzTI1vBHEznuQMMankZlVwX3Y7mhgi0XDqMHrVWW4Azz0GagupJCoCPtqsfN2kSHgjFIZO8wIAGeagZuMmoWYpGhB61DJMzLyaAHyOM9ciq0g75pJptgziqklx2zTQEm4ZxUEjA9KRpNzZNQSTLHxuqgJWxtxULAGmebu+6d3GTtGePWk8wfhTAeABSrTY2z1qTI71cRn0gcCopvkGetSN3qlfTCCF3Y8L1rIyZXk+Vic9a+VP2kNQ1TwH8TrPx1pd9eLYaPd6bFqNis58qRJhKCxQnHKJs6dx3r6lmujuA2HJrgda+G8HiqLxhZa1ffatO8SRRwvbx2yxvB5YIjKPkksuc9OvNBLPBviLrE/j79oH4WzpNLN4d1a9nisrTeRDcWsJXMrIflbzG3Hp0C/Qd7a/H6/wBU8Z3GnaP4c+26PZ6z/Ydy0cEzT8LmWbcF8tI0fjHXaM9K6TUPgxYaj408MeJYtWuNO/4RqP7Pptja20QhSMDGGJGWz7AU3Rfg9p/hvxVr+saVrGtWFrqt0bu50iGZRatcf89Cdu/AySV3AE98cUmScvovxX8Wa/8AEi88KtaaDc2OlWf2vXLq1SQrbMQx8hDvKyN0/hx14rzX4CfEi+8PfDr4deE9HWCLVPFOq6g5vpozIlrDHJ+9YIGXexAUYJwADzXr/h74C6X4Xt54bHXde+zzXEt5ciWePdLcyIyGR2EeXdQxYbsjPapdN+AvhbR9H0PSbH+07b+xZJLmwvFuf9Kj8wfOofbyGJJ6UIDy+5/ae8SXHw90TxAdPjsbcand2Gsapa2n2lYQgQRyJFuG1XLjJ5x2zkZ0LzxVNqnxWia5Ol6qr/D2e/Oow2fz5KHcEkPIRiC+0jOXIxxXpT/BHwrL4d07RILa6s9Ks7ea1WGzuWQTRzMGlEpx8xYr1PPPGM8aT/BPwhcalPqH9nSQXcmm/wBjN9mu5EQWYQJ5IUHG3Gehz70MD54+EeqX2l6d+zdp6R2ssF89/K6XFqkkkeJW/eROwLKxDHoT0FT6X8a/H8j6Zqc3iYz2snjpvDos/sECrJAO7kIdx5HpXvth8G/BulzaJLb6OEOhBv7M23s5Ntnlwv7zgd+OxqK2+DPga1jghh8N20SQ3X26NPNmO244zN9/7/yfepAehtMokZN2fYVNAFK571QXeskkp4LLjO0kE+3rV2zDSQRE8swzx3qBotrH5md3FNeEChm2xsSDkDJwMgd+v0qjevL5+wFs+XkDByeaAZaWZXbAzT/J3fSorWPcYwjFm7hefbt159KuspwxCthRkkggD8Tx3H17ZpiI1UKMMeac23dgcmqt1cRIssjyKmCFAZgOTnj68HjrUKRlZk67hnPPcdR+Hf074pAam5dvXJpvmrjOc1Xg+9kE7QMng4HTv+Iqjd+INM0+O7a41CzhjtMC5eSdQICRuAfn5SVIIB5INAGquZmXtmrUcI+XPSs+xvre6lCQzJK8aqzqpyUDAFSR2yCMev4GtKS4itbeSeeVIIIkaSSWRgqqq5LMSegABP8ALJ4pgRTSiM7QPm9KihbbCHb7xGaxNJ8ZaJ4yikuPDuq2mswQP5cstjKsuxvQ7c4/GtRt7sBtO0Lz3x359sd6ALe5FYMTg1HJcKjDbXP+JfGOl+Cre0uNZlktre5njsoWjheXfM7BVX5QcckcnA962GwJFBXnODgg4IOCD9D19KQEjXiKpY5GBk0+a9yyLtypBIx7VXa3LPJjLKRhuMgevI4GPf1p7QsbiLcjJtBAGOSc9AO5HXHWgTG/2hFGrt82IyA3Hr6VdglSdW4IAOK4rx34us/Alil9f299NDeXsFmotYC4jaRlVTITgIuWHU59q7e1tWt5JVbnBJOM9BQIsLtXuM5weenp+dQNdqyswQgA7frUEd1fyatfW0+myW1hCkbW155wcXJYEuCuP3ZXHeo5dsUR3TRosTB3dpFCqD0yc8Z7etOw0TG8bbKwTlDjOfof5Gm+e8cilkyGBIC5PA6niqGoSXdvfaWkP9nta3Nw8dw13ceXJs2FgIRgh33YG3IOB+Fcj8VfiVH4Jn0SGzn0m51C81W0sriwuJx9oWKaYK0ixqc8ZGc4GDnNFgZ6Al5vbO0Bc44NLHcSbVCqPmbvWHJr2h2uvRaK2t2CauX2pYNcp5xPBxtz1wQcdcc1m3fxQ8H2F6LOfxTpkV0ZxbiIz5Jl3bfLGPvNuOMDPII7GgEdfJNIoPzAEHFPkupIVckY2jPAzn0/Pj865W68feGo9YXRrjWI4tQkufsoDRyeV5+CfJMu3y/M4+5uz7VyUnjS6sNY+L9vr3iOSw0fRoLM2t9DaK72CzW7uzBVU7yrc/PnhaAZ6lDcMzKCx3MMhe/p/PimxXDty3JxkY6HnArjdU8V6Zp2h2EVtdalqN5eaX9stW06zE10bcRruujHtCgAspwRyTgZNcZ8K/G9vqng74PNrup61NrmuJdPFJBHiC9dRKGS4PQkKoYAYOccCiwj2R5DtgVG2iTqKkW2LR71kkY525zkZxnqP8815xYfHbw/e3Fr5Wh6/HYS6v8A2FJqFzZCOK3uy+wI2X3ctxkKdv8AFtrD+IWs2OveE/jZb2Ntq2n6npNlvuZbi7ZUMoty8TQBX/dphQSvAfIyDRYD2dLhl3EAkLjJ+vTjvVkOytsK464ycdBk/Qj39RXjPizTbdbr4O6xFEV1O41Oxt5rpZXDSQm0kYo3ODkrnOOtZHwl8SyaXr3jDwpoVlFqWsx+KtQle3uLoxpZ2Q8tfNkYo527iFAxyScdDRYD3ppCpk3Zx2GD+f0+lV9QvTZ2TySNHAVXDPM4QLz1Oegrzvxd8Zrzwf4us9MvdIs0sJ9VtdLVZrpheTRzBcXUSAYWJHbA3EE7WyMjFZuteLvFHjS4+IXh19B0NPD+i+bZXsslzJM8qPaNKnlps27gGUnOPTk0xHq1jJFdWNrNbXEdzbyRiWKeNgyupAIYEHkHPUVMYxGmCdx3Hnr07/59K8C+Ffj/AMU+C/Cfwqi1yz0ufwtrdlHZW9zZmUXVq6229XlJwGV9jZHAHbNdCvxg1+Pwn4X8eyR2MvhjWtRitZNLjhf7TaQTSNHFL5of5mDKu4EAfMcFqYHt3mbV5IB9CcfT86wdS8V6db3Gp23mTXF1psMVxc29vbSzOEkOEKhFO8n0XJHfFeM6l8U/H+m6b4v1n+0tGNj4a8TLo72UOnsDdW5eGNgXMh24EmRjJyD04z6b4f8AE2szfGTxb4cvr2GbSrHT7C6sYkh2NEZXkDBnJJJyuM5A4pMZreHfFFh4u0FNT0icXFrJJJErsjRkPGxV1IYAggjGDW3a4WMZIyecjGGx1P0H+c14N4V1a903wnaWVlqktnNf+MdWtza2KA394vnTMY4HbKp8wDM7cBe+eKy9G8deMta8E+AJ5fEd7p2pXfi6TQL6WNIWlmiWSUBnbbgyKIx8wAB9KQH0sruylQMsB/Dz+HHeubuL65bxE1ibK68vyPtIvAgNufn2mPdnPmd9pHSvCfEt34k0nwt8Wpl8aeIHfwbdRS6YZrlQx3RRTMs7BAZVyxGxxt4PFdzqlxfX3xpfTpNW1KLT7/wa12LWK5eNIZTOqGSIZ+U4B5OfrQB6l5TsBgZX29+g+p9KebeVdw4w3vzXzZ8Nzf6fY/AvxAdZ1W91DX3urTUPt1880cyCGQqmxiU4dVx8ueetQx6tf6v8KbPxPb3UqfE2HxF9mkUTHzfON3sNoYs48vyv4MbdvzYosB7fY+L79viNL4W1DSI7Mf2e+oW93HeGVZYllWM5Xau05YdCeKd498YR+D9PsSpga/1S/h060W4l2xh3Zjukxk7FCnJxn0BqhqUaj9oTw+Rtw/hi9Uc7RgXkRwD0I+YVg/tFW2jB/h9PqsOnyOviW0iLXypn7Od/mIwfqnzDOcLRYDsdD1i+a3jPiKTTdN1SSWSGC2t71ZI5wrjZIhOCeD0xxg5xV658SaVpSyx6jren2LI6xslxdxoys2dgILcFtpx69q+f/Gdj4fu/H3jHRPGV5qVhFfNbSaFb6baRyfbbZIU8uO2lETsjIytgIyr81S65oHh4+Jvi5FeabayXLeGrZYDcwLK5uDbuJgrbSPNL+VuIPUj1NIaPdtR1S5XxVpenxarpSJNbyl7CZme9aTI2SIA/MQ5yMdxya574a/EKXUfB+oaj4qu9P0+Wz1m701pEXyoj5c2xQEJJJJ4HrmuI8NXkNx44+Dd+IbiSWPw7dWV/cizlYxOYItkcr7Mr84kHPcVS0u61Kw8Kar9m8OaldvF47mvvMGmyNNZQTMzJewxMuXbBwuNwXOSBinYGe4xeNPDz6ENWi1eCfThMLcTQ7nLSk7RGEA3Fs8bcZHcClj8feHv7Fi1dNTE1lNObWJooJWkkmGcxrGE3sw2tkBeNpz0rwvR/C9/J4b8S6Xq/h/xhZQzeL/7VttWgixdWhkiBjugsYJlYMrhwowQ+eTxVuTwt48m03wt4g1XQbnxSNG1W/SWytVNhf31nOI1S7MaFNswKkkAgkY465ewkel618c/DljZeHLrTZJ9ettY1P7CkljbTSGDb/rMqqFhJwcRkbu+Mc0t74jtNauPH1ponia/XVbPTEf7F9mEY09/LkIMZdPmLlec5x2zXK6r4N1FvD/hrUdA8Cy6WbHxVDrZ0WOWM3bwqjJJK+59vmMWPG/O3jNb1vouuw/Ezx5qkvh+++yatolra28ySRMss0SSBo1zJwSXGCeOvNBoc/qWuapN8C/CXjGHXtSg1UW+ltPsmAjuRJNEknmLt5J8w9MV7qtuPmU+uK8G1rQdS8N/sq2ml6tYvZajpVvZW9xHvSQBo7qLJBRmGOO+K992ncTnvmmMQQx7cbP1oMY4wORTxycU4YJxSYEJjBXG0YpREOeBzU23K4puKEBC0Ken0prxJnhcNU7LUTD5s0wIWjXd90UvlrtHyjPelHqaTI9KBoCnGBULR4XGBj86lZ1Xgg57imMeejcjI+U0DIWXb2qJos9cVJI44B64zio2Y8YyT6YoGV2QKeRTcDpjipZBUeMUAUZrXMgdTj1pwG7NWmTrwc8ZGDnn261C2B0NAFWRCQeOagaJCc7QD/eA5q2UJzyearsMUAUZoB1/iphQlcVbkA61BI57cUAUJolm4KrgdAwzj8a8R1TxxrVjfajEb7dHa+Mo9NZXjQg2rgny8bcY+Yc4z717bM3U5wB19vw618y/EDXNP0nxd4t0ie8gi1WfxZpl3a2Uj4llQiEO6r1IGTkjjg0AfREkahuBVeSBBwV471aClmyQQMZ5GPz9Pxpsy0AZ7WUeMkfrVWS1Xr1PvWmw+XFUbhgOc4pDRnm1X7pJ29qr3FuMcVZmuPL5Jz9KgM244zTGUZIQy9aqyW3zdc1eZh34qtNIqAkGgCmVIOKrTRszD8Ox4z6/5xVnzAzZrO13R01yGCJr6/wBPaGQSpLYT+Wcj+FuDuX2NAHC2fjLUzb6cb+0s52uNXn0yVody+U0e/DBTuGf3Z6kDkV2u4Ebe1eYt4ZGnXn9py6JqMN+viYzrMsLsWtn35kIXII+frjNerRhWbIFUA6Nvep91Q/d/hp/FadBM+lG6ZqteQfaoTGTwauNjbUJXPNZshmbPZlyDn5q4u58Tzal4qufD+h2sd5dWMcb6jeXTlLS13jckZwCZJSOdq8DuRXoDYjyT0r5UvvAkUlh4ts4LGaH4o3Hip72wvI1kWVo3lRknVgMCIQ79zE4wpx2zJLPom8h+yWNzLIGby42faQR2J/pXlEfxE8Rt8LfDniDydIS+125sbazgWGUpbrcS7WMh3fOf93bXZ+ILPxTp7eIb+68R6fcaHHY3Tpp8Ok+XKP3LFcz7z069K8/jt9vwp+CFlnd5mo6KG2sDn92z8EcHG08/Sgk6hta8QyfESx8LR3mn2sMejjUr67FmzySsZvK2RgyYjGO/NcvJ408RR/Dvx34sN3Z50ubUbWxsvsY2qYJTGju+/LcDpgV1Wls1x8ftXA4MXhq0X7vA33ch/wDZcV59d4H7MXjCXad11fakR1wTJfsoBPbPvQB6Hq1l4ng8PxzReI9PtbmCJp7jVr6wBWP5BtSOPeFHOcsST7Vr/DXWtU8ReA/D+q61bR2up3loLiaOH/VrnO1gB0BAzUPi54G2aTe+EdR8UabcwkSCC1jmgQgY2SF2G05/D3rD8J/CO70v4e6DoU/iLWNEmsDLIV0a7CbRLIWWFmZSWEYOBSA1tS1yfXfiFL4c0+d7e30u0ivdTuEA3b5C3lQgY+XOHZu+0KoyOnE/B/4hatrXjXxL4Z8RTefMs0t1o1w0aRGeziuJbeRDsC8q8Yz7EmtrwZpEvhP4seOEufOuBqdnpt3YtI48y4WGEwyKGJG5wVXOcf6zPTJHM6l8Itd8VaP4cnUv4Y17TdTvUuJ/NSRpLG7mleYKUJ+bbIME45BNAFzwT4+1Hxl8ZvFEc+ofZPCllpaXen26lFjmi81k+0Stt3HIjlcfMBt2nqcV0cHxy0FZpbSKy1GW7bTpdSs7eRI4xfQxjcxX58odvzbX2nbzxWPD8L9Tu/HnjdzYwaT4b1vw9HoNnMl3Gz24iR13GMHJB3Dj296s+CfAPiy28NtpOtad4Z0cwabLp0V5pKB5L5mi8tJGwgMaD7xGSWPtxTAXR/iIfFWi/DC71zTNX0691+7We2jtnRbaSQRM2Xw+TGUZiFIz8vTHNZfhXxpF4LvviVfalNcX9vH4qi06yW6uhhWkjiUJvlJ8tAzcn0rQ0f4deLbOw+F1pdw6Pt8JTrJcCO6k+dFt2gUr+7+Z/nZznA6L05qSz+GfiWO08UxXMXh+9j13Xjqc1hcPI8Mtu0YQwuTFkEbFYMM80CZp6v42l1W+8JaZd6bqmgvrGsvAklneoCrW4aT5iB88LBScr1rhPHesf2t8G79CNUiu9H8Xw6e819fGeVpBex+Zl1xvQ+YVVSBgAV0OnfA/VvDeh+FYNK1izTUNB1m51O3tr4zTWkUM0bxi3Rid+I1YYYjk9QKQfA/xA3hG80Z/Emmz3F34kXxA119gdAGWUSbdoc53Mi/7vbNAiDxsknij40a1pviXS7C/8IaX4da8kW4u2xawvcN5l0ihDiXMWOGBAXh+cVvaZ8VLqL/hC57zRYbfQ/FRW20p1vS9xC5j8y3W4XbwHUHnJ5GDmty4+G91qnj7XtcvtRtZ9P1fSF0WbTY7Vw4hBckiTfySZWyMY6VU8M/B+60W38L2uo6+NZsvCrmTSY2tPLkDhWSOSdw58zy1Y4VdozzmkNHN+Hvjb4g1BvDl7deGdNstF1TxE/h9mjvpHuVlDyIsqkoFKgxck46dORWR8S9eXxB8M/jrbXmk6dp7aTcfZy9upZro+TGUllZgCXCkKDjjB68Z6rTfgTLp2i6Dpf8AwlMkqaRrb6/FLDpiq0twzu5VhvOE3SPx/u+lW774I2mqaR400258QXzW/iy6F3ePFbxK8eAo8uInO0YROTn7vvQMr+NNQk8I+LfhtqtsuyTUr9NDvURdqzW8luzIWHcrIqsvpk+px0Wi+OPCvxWjvdGtJZdVihEctzE9pPFEwRw20s6AOAwXKAnIHoabqnhm48SeMfDc10z/ANl+Fn+1JNMoU3l8YPLVgP7qI0hJ4+ZuM9a2/GGgp408O3ui6hf6hbWl2nlytYT+VM0YP3NxU4BHXABxxnvTGcN4bsrDTPFHi7x/badMmi3Njb2UEWnWZka/EbkyXSRIvz7mYKpA5Clvu4JfrHxXk17V/B2iaRBqegNr1/c20l3qen/Z7iKO3gMzCGKVSN0hKqH2kDDYB77fgv4b6X4N1CS+t7/WdSumg+zo+rag1z5aZDbUHAUcAHHYcYziui8SeFdK8aWdrBq0DzG0uEurW4hleKe3lXIDxyA5Q4OOOD6UhHz78TPFutzeE/FWh6i8usz+HvF2jwWt5FGkct1HJJFPHGQAI/NU/KeOcjIFdXpXiLxD4u+Fd94l0PW5L3XNSuVjTS5LhbddPYSqr2MeVys4RWQOw5P3R3r0DVPhX4Z1DR49NubGWa0W7+3sftkwmmuevnSyb90jg4wWJxgUxfhX4RuH1KU6Puk1O4S7uz9rnCyzK25JSA/DgjIPUFenNJiZ5ZonxIuNcuPCugi/17T4tY8RXNjqH9rSmPUNOMNsJBYiXOfnbb+8XHWul8LeIvFWk6p430exsLjxhaaRqsNrYNd3yQukckHmPG0sufM8tiq4OW+YZxzXoLeA/Db6C+hy6PaTaW0/2mSGUMxkm4Pms5O8yZGS5YtwBmtHTdJsvDtjHaadaR2NtlytvbptB67iTjLHrubqfXikI8z+Nl1NdfCnTZNRtI9LvZda0lntWuElELi8jO0PwCO5x2ruvFF74tj1CL/hHNJ0bUbZgXnk1LUJITGxboqojBht9+taGoaPpWvQpFqWm2eoInzot1AkoQnGSNwIGcDntVpZFUbFxgDauP4T7cU0B82fE2bTo5P2i4ftyrIulWEkCNfHcJhE5wmGHAdkBQcHPSrkPhnwDb/FvTLGSPTZNLm8GG6vVlujJDcziVNry/Nh5BGXIJywx3r31rG1kuGeOzt2mbaXkWFWZunLHB3EHByfSrMMaQgbI0XIGWQArtKngcehxn0p3A+aPBt1YTaH+zncSyI+pWl3NFPNIuZIovKlUJIxBIXeYxye9ZtxdSv4H0/QtX0PU5/Htn43t77VFGlSyySYvS/nrIEK7dhAyOcADpzX1jFdSKpIldE6g7ivQg/hyM5OBwOagjmkjO3JCZCY/QDI9vTNCdwPmrXoNVuvGkE9v4V1y2bT/HUd9LY2OnsYpItpX7W8zHMjygKAAwVBkHFdXY3F5rvxDOtah4U1uHT9FuTB4e0Y6XKkTSOwE2oTMV8tWJYhck7VBOMmvblk+YYbAGQDuwR7A5/kDWfY+LNJ1TWNQ0qz1O3vb/TdrXlpBKHNvuDbdwGRkgH5Tk8dKYHiC/DvxPe/DW++HN7pF01+de+1DXTt+xNb/axdfa/M3cPtyuzGe2Mc1v8AiTwz4kvdQ+N4t/Dt/KPE9jDa6W7SQqs7JbNASSzjaN0mRkDgfhXrc3iKxtNatNIecpqN1DLcxQ+W7bo4yquSwGABuHBOT2zT7++Sys7iZ1ZkhjeUqo3sQqFiFGDknjA5JoA8k03wr408L+MLDxDpuhR6vFe+GLXRb2wmv4YZrG4twxR9zEgxlmOdpJ6HBxiqHgv4ZeM/D+h/B2xudIsA/hO4uptQ8rU03MssTooGVxu/eHKj0HzGvSdN+JekX3iDRdCRdQj1HVbFtStY57SSECFQpO7d0b5l+TqM8gVb8RePLLwvq2gaffRXbya3d/YraSKLMUcu0t87EjZwG45JwcA0gPLk+E/jOTwnJp0lnpMF0fGP/CSK0mouyeSJ/O8snyidxPXj8TW5qnw18R6s3xYUSaNAvjKGKCCRriVjbKkBhO9PL54JfjPIA6c16l8yx7grBe7KnAPpnHX2HTvzxXJWnxEF54x1fQYNOumg0hIRd6h5sYjiMkXmLtjzvbjrx1pXYHJeOLqLT774S+Hbq7s5NfsdasRLa2shY7Ut5l37SA23kckDrVe0/Z91bT/Elx4l0/xNY6b4hk1qfVFvIbNyHt5h+9tJVMg8xGYI248qd2AM11fh34qSax40Xw3qHh7VNBurqwe9sZNQ8phdQIVV8YYshAZDsODhvXiug8T+JL/QbS2XS9Em1zVL2Vo7ayScW8bBRl3klbhFXgdycjANCuBwWr/AC71i81iVvGs1ql9rMGvFYdOjkkS6jKkLvZtzRqUG1TkqDySMg9d4e+Gsmk6z4vv73XJdWj8RESXEf2RYHhYRLDkOrH+BR1X73NHw7+IX/Ce6dqktzpdxouqaTftp9/p88olEE6hWOxx95drAg8ZFZPij4q6hY6p4mtdC0u31KLwvbJeapJNO0bEsrv5MAAP7wRIWLNgZI470CLvg34P2nhePQoL3WbnX7Tw/GyaVaXkMUSW4KeWJH8sDzHVCU3H1JxSaL8G9G0VbKxivdSu/Dmn3/wDaNhodyUe2tZ9xKbGC+YUUklVZsAt7VT1b4k6jHqHgi80ltPvfDXiW9gtI1khcXKLJA8pcPv2E5Tptqn8P/jBFrF1q2n+JNU0ew1tNeu9IsrSKVYzMsRQKUEhJJzuAx17ZqgNW8+COhX2l6/YXOpa5Jaa5qA1S9jW7jXfcBlO5f3fy/dT/AL4HrW1H4RsvD/iTU/FdmdU1bXrqzjt5LdrxALhI/uKobC9dx5I5Y1DrXxE0Dw/rEGnalrFrY30zpGkMz7RufOxS2NqlscAkZrH1b46eA9CvJ7O98Uafb3EM4t54lLERSkgbWIUhRk4JJwDxnNIZQ8H/AAjt9W8Ki18YaSUvI9evtYtUju2Sa38+RiFMkLjqrYbsa6CL4L+CLKGKG38PxW8Ud5/aMUdvcTRKlxyfMAVxzknH93ccYqBvitpK/Ea88KmK4V7XT1v5b028nlcliW3BcbBGpJfO30JqTSvi94c1g3IhmvFa308aqqyWMytPaE486JduZF/3QTyOKYGl/wAKs8Kzrq/m6JDMursHv/OmlcXRGSN4L884P4YqST4feGFuI520HT5LhLc2aStGWkEJUgR7s5xgfd/HrWD4V+N3hrxlfaRa6a+pINWgeexnutPkign2ruZVcjBYD044PNdlrOn3+oaVPBY3f9mXUwWNbzZlo1LDcyDu4TOD6+lIChZ/D/wra29lCnhfR44rQmS2X7FEPIbPztGNvy84HFasPh7Sv7XbV00qybVWXa1+ttH5xXbjG8DJHbHpx71598PNN1fwz8VfEPh1Nd1PxFoEemW1241SUTTWd3I7BEDhQcPGpk29MYPcU79oyU2XgXTL1biaF7fX9NLyJNIi7HuUVt5BG8YDcNnpQB0a+D7yT4gxeKbvVYZUt7G4062s4bQx7I5JEcl38w7j+7HQCupMasoBjVgOBuQYH+yCeMHAziuNPxJlvNC1vX7Hw/fX+lWZZbCW2O6TVPnCfuUxny9xPz8cKT05rnpvjkbfS/HEv9hRXN/4VhinuLe11JJYZYnUtlZdgO5dpBULkH1pgepmRVkQNKqSPkRq7hWPHIXJBOB6VN5j/dErZ4YfOeSMc8njJyfTn2r568ea5r2r+Jvhh4g/4RO1s9TOsvHp6NqIf7RDJZu37xwuFwcEgA9D1rpofjtd2tvqem61ocWn+L7PV7XRhZR3W+0le5BME/mFRiPCsSMcAHg0mNHrF5qEWn2s13d3iWtlAoMk88wjgjXsGbherZ5JOc1PDdLNbpJHN5sBBdGhOU2t6Y4wQQeOvtXifxC8WXepaP8AELwX4jsLH+0oPDFxq1ldWqMYLiHYysdkgLRyLKOMk8CtX4PeNr7xp4d0+40hrGfw/pen29iUkVxdz3ccGGjQbwsSE7VDMmSQcDHNCA9YkuY7aGaaaVYkhQtJI7EKigd+QcYDdMVlR+NvDbf2NH/bNlnW+dOUON12AhYMikcDgnJA+tedfD34qa141t9Vjj1DSjq9ppsksmh3lnNbXFjdqeUkiaQmWLBf5l2jisVvEc/jLw58BvEV7FbwXV1rULyLaR7EjZ7eZGVVByBx93OPahgj1zVfiF4Z0W31a4v9Zgs7fSJhDfvIGxDKUDBSNuSxz2zXRpIrwq6HdG6AqwHylSAQc9MHI4OOteBfEDxJrWteA/jro+pS2sy6NbRpaG2t/K/ctAJRu5JYgDAOcY7V2nwe8YX3xIN7rC6g1rp1nJ/Z40PyEEySIgDyTsV3At94JkhRjntSQzt9d8H6L4pMP9r6VDqfkcxx3CswHOR8ueeQOoNbORtLYwv948DrjH+elcD8TtY1Sx1DQ9P03VbizkvvtJ+w6XDG+oXcioNnlGQNGqIWO5mwB8uM157p/wASfGetfC7wb4k8q+u4Cl0dbbw8sS6gfLcwpOkZBDICpMgHU4xmqGj3S61hLHVNPsHhvHkvRKyTR2zNFH5YyfMfGEz2z1q7DIkxYxusmxzG205wwxlTjuMjI6jNeM6f451G71b4Q3Fl4nl1XQdejura8lFtHELuVISwlbK71cMrDaSduKt/s+aXLptv40WTUNQvmi8S39rm7n80PtdNsvQYYg8nocCgZ7IMdajfGMikDZWg/doGNNRE9qkKgHFR7cNmgBvGMVE1SNxUbUAcx4s8bWnhWbTbEwT6prOpSFLHSrMr5s4UEu/JACLjkkj8a5nxF8Xp/CfnjU/B2qQTRWM+pMsVxbyI8MOPM2OG+8Ac4OKwPicT4P8Ajp4Q8Y6mwg8NTabNo0966kRWc5csrSdkWTOOvSuk+I3i7w9qHgrxBpyanaXnm6Vd/vLWVZ4oVMJALurYQscAc5c9B3poCtrnxmj0L4c2njSbw9qEunXAhke2iniaWJJWUIxG7GPmGcE4zzXdWNxLc2cEs0DW0kqhmtywfbnGMEcHr2Jr5W8RWIuP2QYNSbxhfTR/2baldPeW1NuJUkTEWRGHJXnA3/w85r17x9421Dw/4Z0PxHpetWkelSS2ySxGz+0QXCyOBI0s6HESKowGwBnjOaGO56iylhkDI7EEEH1x/jUT5UqGBUn1GPxzXC6t8I9M13UrrUJNe8WRSXMjSNHa+ILhIgG6hVz8q+1aPhH4d2fg+8lksdT12+a4Xa6atqj3iY9g4+X8KEF2cxa/Gr+0LOw1S28K6lN4evryOzg1RJ4CNzSeWrvDneqlvXn1ANWY/isddF9L4c8P6h4i07T5ngnvreaKNWkQZkWFHYGYr0PA5BxmvF9aax8HabN4t+GXiSO0gu79YtR8CXkiSxzzPJsYQRk+ZFJu+YEZAHfHy11f7POs2vw/8IXHhbxHcQ6BrGhXc8k8eoSrD5lu8rPHOhf7yENjcp5xTBeZ614Y8Wab400W31bSLk3GnzZG7aQyMB8yMOzDoRWgxL/dVm+gz2z+NeA/DXTPE+n+DvFGvaTqNr4e0/UNWv8AV7a41Ky80m14aPEbMu0NtY564IwCTiuxtvBt38QtH0zXdV1rxN4a1K6tYnuNP0vU3gtonxhtqFfl/Okxnb+JNYbw/o93f/YLrUFtozNJBaBPN2DOWAdlBGBng1y1t8WNE1X4fDxlpq3GraQIjLItmqGaNR9/crMMFTwRnIqe18H/APCM+E9dtv7a1XVkmt5383WrsStCTEVwrYGBz0rwPxDoN94F+HN34v8AC8BvtD1vRwNe0m3cHZIYsJexAdD2fHUcnnihAeyeJn8Z+KLi3sdAEPhfSZ4Uln1u4Ky3ibhnyYYwSqMO7FjVGx+B3hCz0W6sLvSl1aS8bfdahfsZbuZ+fnMp+YHp93aOOldtoMom0XTpVH37dCOx5XpnH61ck5pgec6NofivwTqtpp8F1/wlPhR32rJfShNQ08erSHidPc4f3rb03xtpGsa3f6NbTyLqtiA09nPBJFIFP3WAZRvUjuuRXRyAbQD9cLgAH1HBx9K8O+IngfUNW+Jmo63oX7jxZpdhaz2Tv925iIkRraTPG1toHsaNxnpul+KtM15rpbGeSR7WUwzLJBJDscdVO9V5pbiTzFk4+nBrzL4c+JNU8faD4mvdAuV8PanJq7M66hZGcwny498bJuXBDEitSTSvihECBr3hS7x087TLiP8AlMaLAdO2GbBIPGcA5P5Cq0oKsOtTaNb6x/Z0a629hJf5bf8A2b5n2fB6YEmTU9xbhmGaAMhvnXaWOKpvllI5rbkhVeiiq8tuvYUmNGFtZuASKim3BeCc1qz2io3C8VA1sp6k0IZQaRirKxPHI9j26YqKObyeOcVO9v1561Ebcq2Dg0wLMcvnDJqRaq2udx9KtLWnQTPpcqahkcRx5bpU/FV7qMyR7eM1BmU3nWQHLVVa8MchUuwDbsg8L2yx429BnBx6Z5qU2p3AbPmYZA4GRjJrxTw78Xtb1Tx3Y6JcWemiS+sb25EdqJSljLAyhY2nBKynDAMI8Ybg1LEz1zWLSDVtJu7Cck213C8Mio20lWUqw9c7T0PNcFq/gbwxoXg+yg1XVtSh0rRp4rq2u7nUWD2jInloFYDhRuxtxnJrjNF+Lvj/AFrR/AWpNF4dSPxVdT2UcIt7jMLBZG80tv5GIm+T3HzejdU+KPim2+HGuXsq6Zc6npHiZNFlma0ZoblDNEN6xFjtfEitk5HFIk9Ph8C6RH4kt9eWbUW1OOCO2a4S9cpPGm4r5oHEnLZw3eqcHwr8PwaPqGjra3DaRfHM9tJezsm7zDISo3/Id5/hx0Nef+PvHPjfS9X+KD6frGmW1l4Sgtry2j/s0SyT74mk2MzOQBtU/MBnkbQtbk/i7XfGniDxNpulan/wjZ0TTLS5TECS+fczRmUbvMBIjj2CPC7XPzc0AdI2vaD4Hn0rRJ7q4gkuZFtrZrhJ7jfJI5CRmYg/McfxNXU3l1BY20s1xNHbwW6l5HlIRYvVie9eNal4ouPHXgn4Q63Nb/Y5tS8Q6bcS28e4BHG85UZ4B2kjg++K9E0PxRJ4m1a50yTwrrtjAokP2rUbVUtptrbdqgsSwPbIqWBX8N+OPC3xB1We106R7nU9HIm8q8s5YJo1cEb1DqCVYHH+6R7GrXizxhp3g2COS+ivLgsGcW+n2jTy7FGWYhR8qj1bHtmuR8PrrWl/HTxEmuLYXY1DRI7m2vrZTF9mgimKi2YMe7SM+c9VPbgdz4gs9R1rQbm20TVodKvrmBhFqBQTJEjDG4KGGQf72SFx0NCAv+G/EVh4k0Gw1bS7j7Rp15CJ7eb7m5PXafm65H4VF4k12DwzoOqavPDcXFrYW73M0duqtIY0GW4JUYAyeSOhrzn4b+JvEtn8I/B40nwYNWnWB7d4bK+js4Y1hYrHIPM5IfG78a5D4g6yviy0+L9v4guH0m70HSUGnaYt+0RgZrTzXkwjL5jGU+WWORgAY5pge3aL4ok1600G5tdHuxYarpwvWvGkTZbZVWSFuc7mDDHB6HOK2VkbcAyEO33OOTjrx14rwrw7LHN8Qfh3arqlxHp8/gSUzQR3rJGCFgUOoz8j7S/zDGNprivBOjWN14f+C99c6rftea3qFxaX8ratJuuLUxz/ALo/PwmVj6c/MOaAPq07y5G3bgbjxnC4zk+g/wAazNc8Uaf4Vt4LnUbpLeKaeK2iLOMyPIwVQozz1ycdB1xXzXc6tHoPhPXNOt7sxeDLL4gSWV0YB9rFrYmPcAwB5i84Drx2qbXvDHhfS/Cuk3ljfPrvhlfGtnczXlxaqtlCjZEogVF/1WcA4yM/nQB9D+INf1jR/wC37lLCwuLKy04Xlqz3pSSWQKzSIygZRMKuG5znjNSeCfE8nizwToOuywJbSalZQ3rwwnckbOgYhT3GDXjsl1o2n+NvjLLYvDaQzeGbMRLGnll5PJlBVRgY2l4wFAzkj3x13gvSPFWofD3wI2h63pum6bDo9nDcW+oabJNK7qg3gHeuzpjkdaTAg8f/ABA8f+HYtR1Kw8KaK2i29wLa2Oo38i3d27METbGin70hAHPSvUP3oAJwSQgOw5UvnHy/U1zHibTm17xz4Y0oQu2m6d5uu3jEZQmM+VbITjrveSTGf+WQ+lQ614O8V3l9qdzaeNPIsZ4pkt9M/suJfLLRMqA3AJkwrENnGaEBq6T420LWNdGkW2tWd1qamQLaLMGfCcSKo/iAGdwGduDmuP8Ah38VBfeHpX8U6japfya7qGl2otbdkE4gk2YSNdzHC8/qeATXKeHfDOp634e+EmkromoaPqfg6+iudUkntHRIY4ImWRYpOBJ5zEH93ncCd1Yvwm8O+L/Avi4a5L4b1i/03U9Q1CK5tJLXE+mRvdNNDcwknAVwVV1B3HaOwADEe4WvjzQ7rXo9GhvWe/klkgQCCTy2kjUtIgk27CVAJIDcYp+k/E/w1qmqWWm2+pOZr95IrKdreRbe8ePO9YZiuyQjB+6TnHGa8w0fwD4lk8dySaNa6t4d03ULjUm1ixv9stlF5iuIruzbcXWSQspKr1yQcd7Phn4c+JNS8J/DTwtrWiyaWPB+p29zc6o8sTQzLbK4j8nB3kyFlzuA6nrRoLU9j1fU7fSrG4v72Vbaxt42lluJDhEUAkkn8D+Neb/DPxh4g8RfEPxzbaops7K1t9OlstNIAa2jmWZyJP8ApowCu3904AyBmta5+Bejala31vea/wCLLmO8aN383W5W2lZRINoxhQGCnAAzjB61geG/gQukePvF+o3mpaxe6Nqlnb2lu9zrMrTyARlZN5BHIJARuqjOAKLIDd+KXjrUPAMfh2O10afUZ9X1a309QpRfLRizEDey/Myq23PBxyRWXN8QNP0nWfiBfwaJ4hvL3Q7Szm1Gz8xDH5bLI6vBFv2YChi3Tdx1qTxP8FxZ6DocHguKKK603X7bW2j1W9nlWYxIyYMhLMDgrjAx8vTmrOm6dJ4B8aeM/Fnii/0iy0HVobGD7Q1ycIYFaL5gVChXZyRgnHSkwLyfEuBl017bSrzUIb3RH17fZusrxQgKUURg/OzlgqgcEg5IxmqfhH4uQ+Jde1bR9QsU0W907T4NRm33q3CxxSsV2yHA8qVSPmU8D1NYfwx+FrWfwt8T2ulavdac2vG5g0a8lU+ZY6fvlFqFHDADzJGA4OHHHFW/BfwPudH8SSajq95ot/ptxoSaPc6Rb6XiFgkpdcF2OQxO5twJJ46c0gOk8dX1h4l+GHih7O/jvLePTboifT7wkxyJCXx5kb8EZXj3qDwf4n0nwv8ACfwjea3q1tpls+k2SCe+nCAs0CsVy3U8N71s6h4HsV8H6v4e0C2sfD0OowSws1raAInmLsdtildzbe5PYVb8N+FY9F8J6Rod+1tq66fbx24kktAEcRrsVvLYuFbb3B7mgDzr4nfGK78K6S2q+H10q90ldKfU4b1pHn/tBwW3QRJC25dqLkykbRkUvj/4ieKND0vTdR0OHTZZtYW1h0fTJraSe6vLiSIMyFkdNiKGyzYOAPpnX8a/A+08aa9qV6muahotvqWj/wBi3dnYwwbGhDM67CU/djc3IUDIAGVos/gebDXNO1iHxhrDahp+nDS7aW4t7WYRQ8byoeI4Z8Dc3XGF6DNPQDkfih8WPF/gGC+l8/THn0vT7O8ktbaykmW6aSTbPJKdwFvEekbH7/YY5pur6f4pm+MXxOuPC+t2eiTWmj6bcM19ZfaRLIsczRxsSw2Lw2WOSOOldPqX7OPhvVI9Ujn1TXjHqlrb218kd6qi6aFdscz/ACcvjsflJ5xXQ3Hwh0OXUJbxL3WrZ7qyi069SDUXAvreNSFSZjlieTkqy53HpTEcT4Z+KWv+JvEXgSdXtrTTNf8ACdxrDWDQgKl1GItrGXOdmZM49AOtY/h3xz4kvdL8UWmp63q2j+K7Dw/LePZX1rb+WsyZcXNpKqbJYDgKoJb7w5r2C8+HPh/UNa0/VpbWdbrT7J9Nto4bl44Y7ZwA0YQHGMAfkKraf8JfDWn2s9stvd3KTWP9mGS6v55JUtNwJgRy+VQ47dcDOaAPA/HHjbVtCm+FPiZIJb7ULnwhdTXVwE3GBZhaeZdbF27im5pMDk7cZrv/ABpZ20bfBtrPVbrW7aTxTbGHUbq581rhWtJvnBwABgE4AAXPSvQLT4V+FrGbTJItIBbTbd7O0Ml1OxhgdSGjH7z7pBIx7+1SWfwn8GWNnZ2lv4bso7aylM9rCfMKW8hwC0Y3fKTjPtjHQ0mB4lquvavq3wv8ZeNY7++s/GuheI5rS0tY7l1iiEdxHHHaG3zsKvGwY5GWZgc9a9D8BwpJ8WPivLc7YBG2lvIGIxF/oWWOeqgc/lXet4O0F9e/tptF09tYyrfb2twZdw6HPcjsTkjjnisfSfBepaX8RPEetx3+nyaXrn2cz2kts7XEfkweWAr7tmCeuUPBNCA5Vbe4b44eGtW0PxINf0/VrC7gvLNGhkisrVVEkcsbIBsXzNgJJ+bcATxXR+KPjF4V8M+GbjVTq9rdot22mxxLMAJLmM4eNiR92NgNzAYAHeux0nQtM8OxtHpmnWWlRO29lsbaOAM3947FHOST+XpU/wBnhxgQQ4LM5xGCAx5yAc9//r5pgeY+A/GXg/SPB2r6laa4urRx3a3er6xBbSNDNd3D4wuFyVA2qAB8q7c+lc1qVmfBPij4vw6hDLI/ie2S80dYoi/21zA1sYEx1ZZCqlRzhwemce8xyLG33sAktwAMZ5POD1IGT7VP5xUNh25PPzHJ4AznPU85PXnGeKAPDLvwpceDfCfwM0W9KtfabrWnWkzRkHbILOZWX65rg9c0Ka48C/EI2uiajNqlz42TUbNl0qfzZ7dbqFhIrFM4ASXGT619Fa54HtvEmuaNqV7qOoeXpVyl5bafC8a23nKGAcjZvzhz/HW9Jv8Avb2yO4JHqPX0x+XvQB84aj4RuP8AhMPG2l614J1vxRZa9qX9paZeW9zOmmyRMqBVucSKsfllOSwJ6YA2jDZrOXUPEnx18OW+g3ep3uqG1tYjbWoMG97FAqyyH/VgMd53YIHTB5r6PALMCBjkPuGB069u/oCKxdD8E6Z4b1rW9Zs2vPt2tSCW/a4umdZWUbVIXgL8oA4oGeW2vgTxT4O8YQDTdK/t+3m8HW+im+llQWqXUBc/vkYhipLDgAg9CBWJ4L8FeNbDxlouu33hW6VZPDdxpeoG61GBmM7Or7kjDlFiyuFUbeDzivoeMrn5lB9ARnHtn8BzUqsu3JxxkDkjOen5UAeF+Ffh74q0zR/g1aXOgtC/hV5U1D/TYCFDxNFmL5zuyWycDp+Vd5b/AA7TwPaaxe+EY7m9164t/Lhh1rWLiW3Z927c3mM38XPH0ruF68AL2+XPTbj1/linbti45PGQONo/Ag0mB5t4H8K+Lvsk2l+KdN0GLSbxZ31Ka1vpbq6v5ZBtYsdiKgI9M4Cqq4HNZ/jr4EabdeBLzw74O0nTNMF/fWt3dfbZpWRxDIHCnIcnIG04xwSa9VikE275cEfT+mKnbhuD9aEB4tbfCPxbpPgvxD4R0/XrGy8O3QJ0lTJM8+nqxDPbltoLQk7lABBVTxmmN8D/ABDK3jBhrWhWSeJNEi0ia2stNdIoNqumU+b7oV84P3j1xXtRONx+76c0eYF6euOtO4HnurfDjUNY0TwdGNVtLTW/DVxHdRT/AGVpIJ2WJoSGXcGGUY8huvaq+pfBOz8Qabq76nqUi+I9SvLfUP7Ys4RGbSa2UC28lSSQqAEFSx3bzmvQ45zJNKNvCfd+ap968crtP50XA4K8+FM2uR6zd6vrcc+u6lpX9im9t7ARx29sSS/lxbz8xZmOSTVbwt8DYfCOrQ3+m+JLuzd9Nj0zUIbe0RItQSMFUkddx2yBcAODnPNej7kxkNkVKrDkggj1ouNHCab8KfsepQale+Ir7VNTttLfSbW+kt4Y5YoX25Z8AiV/kX5mx345pmm/BjTrPw34U0WPWdW+zeGbn7VYOvkB94yF3ny/m4d/++z6V3kkqLj5hj1oju0jUEMOuKLjOMv/AIM6Vqo8Wi51TVnTxSqJqkaywqJFQbVC/uvl+T5eK0dC+Eui+H/E0XiCyutTi1VbOKwmk89Nl3DFxGJl2YYgcbuvAwRXUJcKTkHmp4rgSMVyKQGB4t+HuieNLzS7vU47tLvTfMFvcWV5JbOEkCiSNjGRuQ7R8vFYukfA/wAK6BZ2VvpMOoaWbKaaa2uLXUZVliMuDIFbPCnaBt6cZ6mu9bpUSXSlgN4yaYHNwfCrwxbnQvs9hLbnQy7af5V3Mnks5Jd/lcbmOWyW3ZzWhpPgjQdC1vUtX0/TIrLUtRYtdzqzHzSSCxK5wC2BuKhd3fNay3C5J9DinSTK+cHpQMlP3cCm7ivQUgkDDIqCOQDIyxAOOaY0TkknNObFV5LhBjHemNcDaaQySQg9xUTMNoJOPaomuQe1V2zJMrHpQBO3lzRPGyrJGww0bqpRgeuVxj8CDis+HRdOsYWgttOs7aBuTDDAioc9cgLg4PIJzjtirKzCPdxVaW42uzHOAM471SAk+wWkagG2t9gO7b5KkBjk7gMdcnrXP+JfB8XiaE2UmqXVjpEkXkXOl2scKw3MefusxQuvH91gPbPNbIuvO3DnOMioo2KxjOWJoYFlIY441jjGAq7evIFJ3yCVPas/zjHPM2081Ib4M2Fz0zmkNDJNKsTdC5Fjai6UYW4ECiQegDYyB7dPaq+paPYagsJvrG1vWh/1bXECSGP027genrVxpRtLdQKqNdGRRkHmgGYHjrwefG+lw2ia1eaMqTpNI1pHE5m2kFVYSKw2qckDvwD0q3oely6Pp8VtPfXGqzorb726VFmlz6lAoH5VYhvAsfzhh+FUo9QBaX/rpgUCLl5bQ3UckM0aTQyLtZJV3KQTzx9K4ePWItP+IF34Qt9Ps7fTf7LS+TyIgm9nkkjYOv3CMAdFBPqK7VblJIzlvmFeT+ILhNP+PmnE8ed4dfPP925P+JoA9HjiWKNY41EaKMKq9AMYFDAiqkd40yoyox3LuAxzTvtTSKSqsfYDNA0PlA45zXGeModM8I2WteMV0zz9QtLXzJmSZkM8YI+TuABuJHHWurkEsyKAjhv90iuS+KC+b8OPFMLoQG0q5+9x0jYg8+4FAzQ0rT7CNZdQtLVLeXUn+0zso+Z3KjDNzySoAP51bZuq54FYPhi8N54R0uZGO+Szidc+6ZFXluCrDJ+tO4y1JjGccelVZlp73CletVZrhf7wFMCN1OMmoZBxmnPcg8Z5qFpA0mAcigCC5YtwBxVVqtzShenWqjUDRXkWoiBt561MW3LkVG6kd800MYgCsT609WqJWDdKkFMD6a6DFRMc9ak3bqrzyquOeakyIdQtY7y1uIJQxSVGRipwcMMHB7V5B4f/AGfdO8N3mh3Nv4m16R9FtJrGxVjAEjhkAG0AR44wDnq3QkjivW57jZsUHJbrVGa6ClApyc4NJiZwOkfBPTdHsvCNrBrOqvD4Yme408P5OQ77s7v3fzcMR9KdN8EdGuNE1DSp9U1mW2v9V/tm4b7RGrPdZ3Bs7Pu7grbf9kCu5muvLicqfm7Uw3RCYc4b0pEnGar8H9C1qXxMby61adPEaImpI95xMqKQoGFG0YJHHapbr4TaFqF5HdSPfw3H2JNPmktbx4WurdcYjmK43jrzweTzXWCZS3WnNdRqpGeRQBw3izwnqWr+IvBdnpukQQaDompQ37zpNGkaxRxyIIkh25GN4xz611+taRZeItLu9L1KP7Tp92hjnhDsoZeoGQcjnuCKSa4YthenQ8A5/r+tSrxDkmkwMmz8G6VouiX+nabYRRpdxNFI08kkjygqQFkkLF2VQcKARtyxGM1jaJ8HfC2meH9E0y40i21FtJheG3nnDDYrtudVUN9wkkbTnArq/tqbwOee+KmW4TaTzjOKkCzb20ccaxoiJGoCqkahUVRgBVXBwAM1lax4J8PeIb2O81TQNN1K8SLyUuLu1SRwh7ZYHj2GKvNeLHAz4YlRkjvQLxvl/d4poCD/AIRfQ/MST+xNL8xE8tXFjCCF5yo+Xhf9npyaWPw7o9u0Rj0jT4/LJZAlpEApJBOBt46DpjpT2vMyABMAnHWoIbgxRuWG5vMwMmhgaMWn2VvCyQ20MKSDDxpAgRxnPIxz6855qeKIKqomyONcBVjUBQo5xj0J5OMVmpqDv8oj5Xr81XBebWIUcikBeNxIrAeY25jnrkE8cnOSTnJ69/aoc7SzBuW4PbILZyfeqVxfSMy7EUb22liTx9KdbXDyL8y98UAaaFjb4J4PQfnyR3I4x9PeoeGbGKpi8laSQL0VttSrMfMfn7q7jQJlvdtIVmZV4wueOOnByBj8al2sxP8AET8uSc4+noR2NZfnNMybXK5qSGaWOMZbnOaARqeXtjCk5TrtbPX169T6jGKr7vL+YjbjjPUgf/W7UyG5YRkk7gKoxTGZpwr4VZMUDNEToxwvNQNeBbgRFWywB3cZPrk96gmLxxuYmwduB9agMrXElsZFJxFz25oEzYZ8KMdPcYNQ3Cx3kLwXEUdxC2C0dwolRsdMq3HB5HHWq/mGQLljio4/mkLNwB/DnmgReaQYYkgn+LOBkHGQffAxntS28yyIxU5HtWVCQsK7vmPfnr9amsJGW3j2rgHrQBqDaGGeCe1KvByfTNUmj+UOAS+/ue1SPIfLlABzjAoAn84NuCsM0wXsRZB5g+bp+Wazj800pC7h5fHOOfSn2q8WaNH86DOccdMUAajSxrjc4H1qNrhN23OOcVHcws0Snr82eR2qFV85tu3nOaALL3cUKtvcDH4/yqT7ZGp5P/1qpG1dVcqnJbPpxTHjm3SeWuN340AaDXcSsFOem7PaljuAyoefmGRVdLcRgZO4bdvIqxAoKBto2gYoAf5y8cHrilaYfMRyVbbuxUZibj65pWjDLt6DqcUAPupDJGyg7c9CakbMcIVepqpJGZhtJGKsRt8gVicjvQIjiZmVBgMfepluFEpjLZf+7TEg8tVwTkd6ZNYlskOwB7DrQA631I3DfLgIGK898VbklHyjIy1Z1rp8cCoFZiFyfm96naLccj8KBitPI0ciKRw20UNvkiP7zp221J5IZcEYPU4pY4QuSaAGKx2r85z64pFkVlHzc+lTiEOoU9BTPsojcMq9KAEBxzuNI8wC9cnP6UJGJJMLyKdJaqvI60AN87yd5H8VO3v9oCrzu+9TGiDcYq0qCFQB/wB9d6AK18wXy/m69aqRsJFIDEqDnOavui4yw3Y6U1YhDlEjGw/nQBRZXikl2gFB0OKtLIXYYHAp6rt6jKnqKcsfoKAIHlJj2gbRv/SpLecTFuo9h0qY2+9Rleo/WnRwFSS3OfbFAEbMzXA9PTtQylowVViwOduOasCHLZqTae3y+/egaIo+E5Qg1YtsDPGSaNnmYBbk1NDbrH3NBQ5pP4QDmq+08HbhvpVosFzj7woaRF++QKBEPKqTt4zmoxvmYyYwD2FT/K/CtuHtU8a7FwMfSmhkccgUcZqDY3P1zVzydnSmEKGyaoEUdxOAVpTGcHg5qy1v5jZBxSGLHekyik0ZX7tPWMhQccipeRjcOtSA5GOKEBmuhUkE4NQyRFn3H0wavzRo0mSeaZ5Yb2pgZSwuZd3CqowMU5YWVQozkVZlBjBJGBUUEnmJkHJoApzQzedJ93a3SoZIZIhtQ9sc1p+Xls5J+lQzQnPegaKnzKgXv3qm6SOxPCjtitV4wEwetVC4DFccigGVXhdotp6Vntbn5tmN5556Vulg688VRkj8slh0oBGWu6OVskcnFcp40+Hvh3x9JC2v6La6pJACsMkpdXQE5I3owJGe1dfJGLhQU+YklgF5OAcdByOcDn1qJYZehjO78/5UAzyr/hnbwGSP+KbVccfJe3C/+1Kil/Z/8ExsSuk3aZ/uapdD/wBqV6ssZdjtRmPoKgmhdjgqy5OBuUgHjPB+lAjyyP4C+EjuKDWoSenk63dj+chpt58BfD8tvLEt74mWKRNjRnxDdMjKcBgQWPGM16b5Yj5Hanrl060FI5yx02PSbGKxt4/LtYI1iiXuFXhc/hULKzMcitya33Ek5qhLbfMwHSgZmtnbUEkfmKRjkVeaNumBURVxu+WgDLlB6DrTIciXbnirskPzdKg8ja3oaaApXWVk+8c1UZjJ8pYgVo3kS9e9VJIQV6c1QFWKZt2CQRT7h9vQ1CY/LkyKJF3c96YhIW+fB5qzuqrCpV8irKrxTQH03jbVG+xuBA5FX2qlcfdAA5NZskyZldZF7+tVzmS4D7cDOa0m+VgmMuxwFxkk0yW3eL5mQqvZiOPz7fjSJZUmiGw7RkmobgEAAJuz/FWidkYAP8XT+v5VXKnDAHI7Y5/lQIoNJtUALk03B3HP8quiEKAdpOPbjvnnp261E4XKkkfN09+n+NICLyW25UZNOaMrFt6mpoX2jGcf73B/I1V1DVLOwuLW3uL22tri7JW2hmlVHnOCcICctwD0pgRxwsqoGYcVLErbSAByc1i/8Jz4bk037d/wkOlmy+0LaC4W7RkMzdIwQfve1dFHGyqQVYMBzlT78fXg0mBAtu7LIxIwx4HtUsjtgHFSrhAc8ChQsiZzxUgUYomaUKW4JyakNoXXBPTkVYWEBgcYJ9amXaWI7igDPt4GEkmDmr8UIwzk80/y+RjCkjNNMphdIwNwfrQBC1vKvAJUdRt5qWLPl85GDkVZfCwksecZqFZPOQMOpoAdtXacDBPPFRqnzE568VLGPl655wai8xfOMan5gATketAmOjjCt/KpdqMByaZa7nuGRui4z+NXPKQDK0CGNEI4yBzmq0cA3HC7e5q75i4wOecZqPd+8YjkUAJBGOQe9ItqGfOzrwaPMBw+e+KlSXHmHJ9qAHtCNhwoPpUUdsFmZiMn3qT7RujxnbTI3ESod2/dQAy4twM4CgdqdFHsbHAXtTbzUFBwI264zx1/OmSTE5GDtHpQBcb6cY/Wm/eXgdetVI5juKspxjNMvrxY4FVS37xgpZfegC40KttA+Q7s57ZqRYfLwx4IP6U1QAqr15yM1JO7LGXHzYGaAHH5gATSxqq8rj86pi6fOG29M8U6CV5Y0Y7QrDLEDr9KALTHgD1pywDaCOp9aZFIzFRnP4Ut1IRbvsfke1ACsnanqu1fbOKrrIY953Ftq7jkUhmYHdnjbmgC6chcnimbeM5qpbyTt5bGUsCM8jrU8bFlG7vQAhmTziiDLL19qktSLiNHPAbpnrUSxBpHZRjd1Pc1NaAJCN3G3tQBOyhFAJ4oZ9sYx3qObEig5/CosLtgyW96AJZpBGvAFSR7OpIqtLhmxhsUyaWJX8oPiR/urQBoYXjnrS5XpVXBXHOcelKzj5SobA65oAuRgccjmiWRYVLHoOpqjuKyAKcqKW8DS27qclW64oEWjNG3XGfamSSouQWzis5vOV+jbNuOgzmpBHLyWNAFrzgGJ9KRbpZFG4FcjPNQsrc8daMSKyZjycYoGWHmjZcBs84pJLhFb7vfFVBFJ5KY+U5yakVXDPuC8nIoAVbtVeVT91cfrTrdh/e7Zqq9uQ0r9mxj14p0L7Ztvy9MdaALy3K7lGOKljkEzKQPlNUvLZnACgR1YjEm5AGAUelAGi21YzjkiofN3ZB4pqsFB6ljQqNIxwM0AieNxuXirG4N1zVeODofM6VOYzt9B9aCysv+tLk8U2Y5l+7uFWfLLcdaeLZPLyDmgRBZqyxEsoWpVciXcKfHCcEE5HvUgjHl7cZqkA6SRV69DVV3eZWKgYXvVpV2qFIDAetMa3BbKnaO60wCMfLmoLyQrHgdasfd+lRSxq/BBoAzVaVZmydy4yD2pZZ/L8sZznrirf2Uc89RjFMezTdQUjOa6dsENnJx0prXD/vtw6dKuR6fHHg5YjOetMksYmznPNAyg0kzy4DbUxmqxmdGjVTtDNluO1WlvtMknNtHf2b3AU5hW5RnGBk5UHI/GoI7jTNSYxWl7bXcgG7bbXKykDuSFJx+NAEcM8kglJkKBZMU9pHK5JyM4p3kwadayyOyQQJ80ks0gVVx1JYnHFZ1vqum6xEr2Gq2N7EwOGtLqOXpjP3SehIGOvIoA0Iz5kI3EZJxkVSmBWZ9oq1YxmCMofkGcrk9fb9RTWgVWY7uPqKAMmSeXbgvim3NwRDnPXt3q3cRwqheSREQHBcsNoPpu6VWmhhj2yM6+Vxh2YbTk4HPoTxTQHkXxCmk8feMNL8BwXU8OnwxrqWtS2szxuVI/c225WyN33zz2HWmf8KB8I8oo1xHH8S6/ej/ANq12nhbwHaeG7jWL4XbalfatevdT3rYDYPCoMZ+VRwK6H7GNpHOPXvTA8nk+APhkbyl34iUDuuv3mf/AEZWPqWhn4N6ppWuabqOqXPhm4k+xatbaleyXa27SNiG4UyE7Rvwp9Aa9s+yiOPr9azdT8P2WuaXfaffx+fZ3kD280eOqOuGGP5HtgGgpFd5maNWUhgxw2D3zz/jT4ZP3Oe1Z/hTwzf+HPDljpuo3zao9sv2ZLx4djSxr8qA+rKOuM81qm38tApB2+wzj60mMz2vC2cECqMl428jOc1fkskXnccevFVG0/HIfNICg92QMbPmpj37Kgyig5weauSWvbdk/Sqhs+5wxznmmgGTShIyxFUWugxyavTxmSIqODVCW19CKYFe4mG3JqsLtOQTTpIJN3JGKgNu4Y/LTQCtNCzdah8xG71EyOpyVOMZ6U3yyrcrTAm3BWqcdKpM2T1q1ngU0B9OsfXiqF5cBWAHGPWr0nzDJrLvIRI2c1mzNnMePnS48D695q70XT7h+CQNyxyHIIIIPA718l/ArT/GfijTvhjqfh1tbS6iuppNe1q6uZfsstt5yqsfzsRKSqsPlB5719d+LvDsnibwxqmkw3S2Ml9bNatcvD52xWUq5C5AztJrmvhn8PX+F/gqx8Mxar/adtYPILaZrfyiAzMw3DeQ2GY9MUIk8G8OfHS48D+B/FPiLT/D6XlzN41l0ye3vNTklEsjDbuRiuUXPO0DGK7PVP2m73wjJ8QrfxRo1supeFY7eWKLTZWMNys2wKhaRTgh5FJY4OM4B6VxXxc+CF34L+H+naPpNzqniObU/FketXD2+ms7WwCsZXAj3fLkr19a9NP7Ouh61Z+MV1y+vde1TxSYnvtUkjSF4gmDCI1C4QKQMZHOBmhgc3rn7QnirSPh74u12XQbU3OkfYpIL2SyuIrO7jmZVdVDlWLxlvvA4OelaerfEn4h+GfCdtq+r6VoFnFfXllFA0M7ObSCZC8kkoZh5sg4CovLHpnrW5q3wBstc8CzeE9Y8Ta7qVrILdGupni80RQ/cjQbCFAOCWGWJA+atbxn8J9I8caX4fsNWu9SSLRZop7a5tplgkZ0TYGZ1UAZ6jaFx2IqbiZ49H+0d4ql+E114pOnRm5sdffSru5tLMnyrRduZ/IY/fyyjG7gnnA5qe48fXHij4lfBK5uJNE1r+1WvpUvorQoYgm4b0yfkcgIrLj5Sp+teiaT+zz4b0HS207TdQ1uzhN/LqBdLxWxJIjRuPmTBGGPXOTg8Yq/p/7Pfg/TtQ8MX1pHqNpP4biaDTWhvdixq+4yFgVIZmLEk9/ammgPlbQdautH+FMN/DbWN2L74kPA0F/aLPGAf4lVvusOxFd58SPjZ4/0nWPivJpviOK2sPCt3Zizt/sEDtJ5sigoW25IwzcjLcfer2GH9mfwHb6Na6UtpqLada3x1OGN9RkO26PSQeprR1P9nzwNrMmty32l3VzLrcyzaiZdQnP2mVdxVjhgMg9MYHSlIZ20N81xY2czgefcW8cjqOgLRgnH4mn28i7thOF24z70tvYQ29vHBFH+6ijWNRyTtUDbn04Hf1qb7OGULtAU85PGB6mpAqP5k0JdWYHtU8bf6xud1T4EKYAzwCAOpzTIYS2Gwcg4b5T15yPrxQAxrhywwDnGKkiZnkhOPz7VKUAYyY445+vamqrl/lRhu6ZXr7CgCS4JZDnoRiq9r58cxZmQx9gBzVhgWhy3TIHXuRkD/PqKSMdv4vTv+VAmLErjcR0Y5NQxhobuVipYSADOeeKtbjnYPvYz+H9Px9as7V8pTjLenf8ALrQIoxTFbiTg/NjB+lWRdZGMc0yRfLbHA4zT1hBbcBk0ARW/y8HkZzVlo2ZDtGCfSo49nnSRqwd4nMcipyUYAHaR2OCPzq5GDt+XOPXGfxoAzfKbgYPXNTbWTeQMg1DqGrWWkW11e313DaWNpEZ57iVxsjjAyzEjsParcJS4jjmgkEsMyCSJ1+66kAgg+hDAg9OaYFYsegAzSRxPsjGfu9avMqI+CAG9D9Ccex46Hmmlo1YR/wAZUtgDPHrQBSbTy8eD/f39e9WoYWZCDjBqyyBcgnBHUHA69Ovr69PXFKzJGnJ9OnPXqPYjB/KkBRlRg+ezDHFNaFJlKEY6EfhUdnrUWpahqtkkF3BJYSLGZriEpFNuTfuibo68gbhxmrXlgOAOenI5HNMQqr+7T5sFRkUs1xuj8s8bl4AIp20BsMGxnnAz+H6Vxep/EZtJHhOPUPD+pWNz4g1L+zVgmaP/AEOQk7WkwxySqlgBngevFAHWCLzMsvzDbgnIx+fSpvsZ2pyVKH73t9K5m4+IEFnpfieRbCZ9Z8PQG5udKMqh3j2NIsqueCjKrEHAPykEA8Vr+D/ESeLvCmia2sAtzqVnDeJBvzs8xA5UE8n5WFAGm0RVgQduPSpvIW4XByoPP4YzmhGS6Z0ikjkdDh1VwxT/AHsfd4yefSuK+J3xIn8A6TpV7p0Wn6kLnVLWyuEmufnijml8vzFCg7ufXA460DO2a3AU+/FNW3DIAe61HaaxYatG89jfW17bxtskktplkVG9GKk479fQ5rM07xroWqR3lzZ67pl1YWke6e4ivI2jhHOS7BsKBjqePTNAGvHCsLBQO2B7VYZflG0E4x09+n0/Hp3xXP6T4+8L67qD2mm+ItL1G6itxdvBbXaO6wHGJcZ+5z97oO+K4DxV8TNY0nwLpetaR4h0XW45PEUOnzXlrZ5ja3muFj8tDuwroGAJ5yc00B69GBz7e35Usi9SK4K68Raxpfxi07R59WjutD1HTr++FvLZxxvbNBJFtAlHzOAJCTnHFaWk/Fzwhq008VnrKzPFaG/ObeVQ9uCAZYyUHmJk43JuB7ZoA61EG0En5jRsGN3UZO33AGSfpXnMX7QngK/m0822uSSR3qMbWUWM+y4kUZMMZ2fPL0+QZPNM8QfFTwvqnw+1DWk1nWdK0+C8Wyubizs5EvbWdJEbynRl+TdhQSwAw/WlZgemqm5MnHTOai+yqzZwD6Ajp+NcH4u+OegeE9c1jSJLHWr7UtJtxeXVvZadI4SA5zJk4G0AZz09M1fvPitpjSaTFpFne+IrnVLD+1LeDTwgY2vy4lbzGQAEsBjO7PaizA7NYSq5OAMfxHGO3Whl4wBz9K8U+K/irTvGXwb1HxjoV/qNtNYxB7WeC5mtZYZBOiyxyKrAFlOV+cMMjrjmvXNS1K7tdJu7qzs21G6jjLwWqyLH5jAZ+8xA/Wiwi0YivLjK8e3b9PT69M1YXG3BHfp3r50+HXjCw0Pwf4Y8b6/ZXFt4t1qGa0juZtVEUGpFiZHln3EqioBwWGV3LgHNdIv7SUc2gadeWfhS7vbi51v+wXgW7hSNbgjKbJCP3iuASGHGBztoA9jnaOONncrGiZLu7BVUDuSeMe/So42C3PkFw0u3d5eRv25Azt645H51454o+MC6p8OfiDHrvguO6uPDriDUtFe+V4XidVZZEkCgsuGB2gZ9qsXMEVr8evDF9bxIJLrwndllRdxYLLCVHpnGOTQB7Dw3Qf5/r+FKdmF/hOM/McDHrnuPpXj3hT43X+r+MrDQNU0e0sbu+sLi6Fra3JlubN4iCLe4UgDzNh6g8d8DmoPCv7QMmp+GtW8RXQ0ySw03TJr28tbKR1vrK4UgfZ5kY5LbjtDgAEg8Y5pAe1SR8qxG3jPIIyPX6VQ1HWLHTLqwgvLuG2nv5hb2kcjgNPIVJ2L6ng8exrzO1+IXjzUI9WjbQo7KOTSJb221hdNuIYra4jUsYpFkYebkDiQDB9KzPD/jDxFpXg/4Q3WoNpOsxa5c29tPPNDIJ4fNh3AqTIf3gAfLjDDPSgZ6jpviXQtev7ix0/V7W7v7cFpLaKQF1UHGcemeM1rLaxK+flzyOw5Gcjn6GvObhi37Qls7dZPCTBm6sf8ATVPJPU/MOau/EzxbrHhu50iPTdQtrK3u47jdstxdXcsqqBEkcPdCS258gDHWgD0Mr2A4wT09Bk/57d8U1flYZDDjP3T79fyrwSz+Kvi/xTo/wxvNPu9P0iTxMZ4bwLY+cA8cbsXX5umI2wvToTkc1mX/AMRviBp/hfxrqb+JLOaTwbqZttv9mRgago8t8S8/L8sp+5jpQB9D2+r2cmvPo+2b+0FtReHMLeXsLFcb8Y3cZ29cVpqoVhtzgjOV5747V5neeJPEB+LT+HYtRjttKvPDT6laoLRG8i4WZU34P3iN3euH8GeOPGEmk/CvxBqviVtUg8Saj/Z9/p72UaRxoyy7ZAwG7eDGMtu/CgaPoRgF+XvnGB16cEjqPSufHj2xt/F1v4buLTUrXULpZntpp7TFvOsYyxVwT2I6gda8avPiD4l1P4Z+IviBY6vPa3Ojahd7NGKp9jNvBN5bQSJs3FmXndu6njNdr4gvnu/iJ8Kr87oTdNfI0bYJUNaq5XGMDG39DQM9Kv8AVbXTtPub26fybS3TzJHAJO31AAyT7DmsHwf8TtJ8YatqWk28Opadq2nqkk1jq9m1tL5bHCyLngqTxnPB60zwz4svPEWpTWU/hLXdFWPcy3GoRRCJyGC/IUkY7uc5xjANclawa34d/aEkXVZLTVbXXdIk+zXdvbPFLYpbtkQtlmBBMmc5y20dKaA9I8SeJYvDdlFM1lfapcTOY4LLTYPOnlZfvgDIA29yxA9M1X8E+O9L+IGhrq2kmZIPOktpILuIxSwzRtteN1PRlOM8960m868sylhMkM7JiK4aPzkUk43FQy7gMcjcPfFeQ/Cm48R+EtL8caJLpMfibVdF1hiJtPkFu2o/aAJZHdnO1XG4FhnjbjrxTA9qVw/Qg8E8HPSpe2a5zwxq2o6vZpPqWiT6Bd+Y6myuLiO4fA/i3ISMfjW+zbVwaYxzMuM574qu0vJORgVFM3ypg98moW6MDkUAWfPT+8B+IpnmggnOMVTkUboz5a474FNnDALtB560DRb8xWXg0xmAxk4qK3+VcbaZdKTigGeDyXkmg/tKeNTpvhxtUkuNLsZy1s8EJjypyW81kB3kds1W+CWrafoWqfFy/v7FdCittaluZoGCFokEKMyh0JDD0APcV6B/wrWK1+IuoeMI9ZvDeXNqlnJZmCIQNEmSq8KGBBP3t2axbb4S2vhu48Was5vPFq684uNQ0W4tbdo5nAAUoMIMgDoxOcCmgRyXjXxtH4++KPw50Gex1DTvD9wLq8mtNVg+zi8ljGYwyZw0YHQZwe9em694Z8P6beQeLDZR2d9pEMmZrG3G+aFwAyHYBuGVHvkDnHNcFoPwVstQ8OzWl3a6h4ftYNVbUtCjinAu9IJRf9WfmVfn3Nt+ZcYWustfCepafG97f61qfiq4s0aS0tzDb2259uM4jVVL44yTjvihjGRfEy68Qaffr4X0cza9p8yxXWl69O2nPGjAlWDBXByAuMe9ZU3ij4rMrH/hCPDZ+niNv/jNJ8PbfWrrUNXvtb8OXmiX98Y5pbi5liYSHG1I4xE5+SNehOCfSu98toyeOD60IDkdAuPEviaG5tPGfhXSLGxmi2RmG++3LIx6qyNGNv1rwbwbr958MvBtrpHiKT+0vAniKzkisbu4AcaddOhDW0nGNrEZRiOD0r6euId0O+N/ImHKybQxB9SOM1w1h8N7CHwLdeEtWlbXdGm3qUuIVjZUbJCjBPKk/K3UUwJPhrNHD4F8Ox2sUUNs2nxSbI1CgEx5ztACnn2rqlu2dTkjiuQ8Gx6Ro8KeGNO1BrybQY0tZ4pVKyIAoKE+oIPUZ710jbY4WOeaBotyXCYxnmq08xVQUI3GqkcwaSQdcdKrMvzFsHGMjr+X1pjPE/Gsur/C/wCKWq+JtAt3m0VLO2m1vSLdCRJE5YGeMDoyspJAxuH5V0HgvWrO3j8WazoOnTeIIpr6O5httLkQvJE8UbAJvYAD5snkYroLO3XUviBqerWer2t0IYRplzYra8xPHuO0vuwTl2yMdqi8D/DHT/h7PrS6S7Q2Oo3f21bPbhbdiFDohz90lc47dKAMy8+LWq24Jk+Gvi5R6eVAR+ktbXhvxbJ4otZrh9E1TRXjfZ5GpwCJm9xhiMfjWxdqVDRgY+gFU5IyF2j7pGDkA/zBpDJ5rgxR7v4sZqs94R2BqrcRkk/eyBimyYUFQeBTAnMxZciq8jDdtzzTBIVPAJFQT/6wNyD6GgB0yjBPWqjMpbFSTSFYWx1qlKxjVWXnHWgDO8Wa9H4X0K71SS2kuo7Vd8kUThX25A4DEetVtN8TQalq15pn2a4hubWKOZ2kC7Cr5wQwY56H/vk1z/xJk1WbQfEQZrAaD/Zch5aRLmOUKCAMkxkZHpVDwRuh8XyudVl1f7Xo1tcRyy+VuCiSUHBjVQRg+meaYHogUH+GlquLgqcGp1bcMiqQH03PnbxWY8zNnIAwcVqS/dIrLuF2yOD0I7etZMzZT1XUbXR9NutQ1C4js7G1iaae4lOEjUdzjuSQABzzWH4b1+98QQx38mjyaXpdyu+1a8mIuZl/hcxBSIwRzjdkDqBXG/tKafJqnwoa12TNpzalYtqP2cHP2LzlMxwOmNoyR2rE8N6drVn8QPF0PgO/gvvDiWFo6tql1NcWKXrOfNAcEuWMIDHa2PmFIk7jx34uvND1Hw1pel2Vrf6hrt69pGLqZo44QkTSliVVyd2w9v4qr6X4u1bU/iRf+H4rHTFstLtrOa9ummkMu6dHbEQ24wrRn7x6EVzfiRNbbx38KYNdfTZtTXUNSnf+y1l+z7Fs224Eh3ZG7mrfg+RF+KnxNuCN5UadET2+W2kOPzagCn/wt/Xn+EknjQ6dpIe4ljjsbNDKSu68EB81s/Nwc8V1moeKLnT9Q0jQN9leeKNRLvvt45I7eCFD+9mZSxYqAVRVz95gOBkjyWCMt+y/4KiJ+a6vNMUFeh8zUAc5/DNdgtncL+0vE86M8M/haVbQZ4O28VpFGPZlJ7jPtUsC58SPis3g/wAQeG9E061TULvUdStLW9mY/urKGWTbzjgs2GIAzwpPAIz6cpWTIjlUMxwGYBh/3zXzd44+Gfj231Lw9FF4gtNSlvfFUN9JPDozb4JBvKzSt5mCiJhAmAMBR2zXsUOl6/YeI59XvPF9xc6HC29tGj0iI8bcYEi5lJ3fPx34pCZwfhP4keMPFHhDWdal17w7pj2mp3WlQRNp0jCWSOQRpyZ8jexwcA47Zrso/jBo0PjS68L3UhjvtP0+K6vLny5DAj43PGGC7cKqsS2cdhk8V5F8N/Dmlad4PvH134f63ceKG1q61K3MejTefJm4M9uBMVCruIUZJ9a7uG38Q6T8WvEmrXPh6/uodT8O2cQmsgskSzR+e8ke7Ibl2AAxySM4oEEnjnUpIfhTcab4mTWbHW9a+yXN6mnrCL6HEj5UEfIMoB8uOBXpmtX14uk3L6SIZNQ27Ldrj/VI/wDeYfxd/rjjNeE+F/CPiGz8N/BGwuPDmp/aPDt79q1IGAEWi7JY+Ru5+aXPGeB+FehTeFdW8I/2rrFjd+IPF2ouuYtJu9QjaJnZ8qRkKFAPHBOATjNAFHwpqninQ/inqfhzWddbxPp39kJqou5LKO2e0lM/lBD5YAAIBIycnaeM8Vu/FKNrDwrdalN4un8I2FnC8s95aLGJ5JAB5aBpA3AOQUUEsepFc/4D/wCEwtm1ObVvBK2V1PC97e6ndahAWu7hExHDGqbgiDAUZOAu48lia1tL8aeIfEnhfRLqDwR59tqVq/2hG1OEJbyK7KEKsBvUhd25eOR8tAG78LtU1TxB8N/DOo6tcQ32qXWnxSXNxbYKOWGeo43DBBrnPix48Om+GvGGlaPZanfatYaS9zdTaY6QGw3IWUs+5Mt8rNtXJ2g8dqbonwP0a38A6H4e1Q3N3/ZqzMBZXs1rEGldpGAEbLlVLFVz29K5zXfhf4v0i88e2vhmDT7/AEfxXp8USSajevFLZTJbGAg/I3mDGDyVPX1oAveC/F1gb/4aWF+urPqz+Fjex30lywtGjEMfnPIN2ZH6HcVGM1taX8aLW9uvDss+j3tpoXiS5+y6TqzyoyTud3l7487og4U7fwzisPT/AIS+I5tc8JNqn9nLpul+GrjQLtre6kaVzMqq0iAxgfdjXqR95vQZf4b+DviCHRvBXh7WbjS5dJ8J3K3VvNbvJ5l8YlZbdZEKARgBl3EM2dg9aAMf4L+OHsY9a8O6ZYvruqDxNqkkyy3jAWdsJdqSyyOHI5UKoxuJDf3Tjt9L+MTa1401DRLPT7Q2GmX01lezPflbq38uMsZngK/6piBhg3RhkDtx3hT9nzxR4P11fEFhrWi2ut3GpXlzqKxidra+tppDIsMikDLI7Eq/b3yc9JH8E73VPG2n+INevNNmnsri6cXenxSR3V1byK6payngGNVccncflFNANtPjbLJZ+FtbuNGij8KeJL1bGzvFu2a6j8xmWGaSLbgCQr/Czbcjg9u80jx14e1y7uLDTNf0vUL63Vmlt7O8jldArbSSAc8NxXFeGfgfcaTpPhzQNQ1u31Lwt4dvRf2EItGS5lKMzQJM+/aViZuML82BnFehx+G9Ot/Ma2s7Wzkk+89vbpG7c5IZlALAtycmhgea/BF9O8N2nxPYPFZabZ+K792aZvlihSGLl92WwFGaXx58dI4/DdjqPge+0XxG8msWelTmaRzHGZmIUbgMdq634c/D+bwQ2v8AnaqurLrGoS6nKptPJEc0oAkVRvfK8ADOeK5n9orS5r7w34XtLCK9Sb/hI7O6aTTbJpjBDE5LzbVQj5Af4s0IaOV1n4ueM/D+k/FDT9RttCn1/wANaXFrFvcJby/ZJ7Zwy7XiZ928MjD73J7Y5rX1Hxf4/wBd+I0fhbRNU0fSYZPDcOsrNcac8kschcRsjDeA2WyMgAKDwDjFdFq3wcstd0fxLY6hq99dXfiRI4dR1KJI4pWgQYEMa7SkSY3cEE/MTmuXj8A6jN8cJTDeeIrDTrfwvDpK6zb2aKs0glYmMyGLYPkIbKheaZJkeG/jj4u+IOmeFdO02z/s/W7zSLm/vZrFYBl4Lk2y+WLg+WELKzHgnBA5HNXZ/EnxL1nxV4J8O3XiLTfDeo6lpeoSakdNtILoRz2xUb1Lk8sWAMf8ByBk13GsfATwrqlroMMMWoaDdaDE0Gn3mj3T21zHGc7kLjlgxJ/Hmtix+FPh/T9e0LWLX7dbXGi232Kyhhuz5KxvhnDr1dnYAsSdxPJx0pgeXXnxC8Vaf4z0YRa/capZy+LYtDm+yWsa6cIWXEkOGXzGnDfMzIWVTxk1d16+8S6l8S4vD+keM9X26fMdS8Q3amFbWwtmZmhtUXZ8sjRlQckkKuT1rsZv2fvAV/fXNzcaPcP5t+NUMTX04gS63bmeOMMFTceWC9enTirUPwK8HW7XhisL5Fvrn7dcwnVbryp5i28vJH5mG59Rz7DikwseS+O/F3imz8HfG+4h8UapbXnh/WrVNOnUxo0SMkRaMAIAozIR2PA5pvi698ReG9X+Keip4r127Wy8Iw65b3VxcKZ7a6JmDGIhcRq21MgAAZ4zXst58G/B2pLrCXWjGePV7hbrUI5by4KXMoYEO48zn6f7IqS++E3g7Uri7mu9Aju7i6t/sl289xPI00CgYjfcxyuex45p3Cx5j4Ft9S0v4j+FdMn8Q61fw+IvBcmoXy3t6z4uFeIrLF08o4dvu4Fcx4b1KbUvhb8Bru/u5Lu7fxbEXuLmXdI+HuwGLHr2x+AOK96h+F/hCGa0uIvDmnia2t/ssEu0sUhxgoDn7pB+76n2p1v8NfCdrb2ttH4Y0tLa1kaSCE2alIXI3MyLj5M4Xntg+tIDxz4mb1+KlyUbyoZPAGpm9LHCEJMfJDZ44YsFzyd5Ncz8AfEmmW9pFF4wWKHxRaaBazaJJEw2y6aIutr384Nv8zJJJIC7VG2voyw8EWTaprGq6xBa6rqGqJFDOsturwLaxsxjhCODkAszk9S5zjAxWnD4d0izaI2ukWNsYc7Gis4kMZwxO0hRtzkHAwKYHyV8OfEnhtvHnhlGvNNj0DVPCd5FPamYyMxEiOq3cvCyT4yzkKAmSM0zSPCfh2P9mPw/rVvpdqbiW501NXvoFZn8lL7e6zFT8oUE5+7xX2HHp8Pli3jtoYwC5RIY1H3ickADnOSDjqBzmp7aNbbbs2IMEAKAv+90A/HpSA+UfF3hGVofiTqPwz09T4Un0nT0u7XRVxbXs6z+ZcLAACrEW/ysV65Pfiuh8QQ6b4t8X3/iXQYPtXhyLwld2upSQWzmJ5pMfYrbbty0q84HLL7V9KAsAnLKVHynkBRnOAegwe4PPX2pvnzSNuMjuxyM8nHOMevXvnBoCx8vfDe1ttH1r4EyxaZcWy2Wg3cOqSLYSgRSvboMTYQEEujglieRVW20fU/+FKCwh0DWBdReOTfpax6VOJFtjfifzAgjGFEYB6e3XivqvzmZSN5wThgrHqOB09So65yfrTo7hflZX5I42kcqCSTkDtjPXrzTA8o8ZLcv8aPC7WFqt1dt4d1l7a1uBtWRyYCiNnldxwDuxxXB/Dzw/wCK9N8b+FvEF14K8QpFb+HrrT71ZYoI4racuhEcMSNtWIKrKmF3SZB+avdk8C6WnjJfErPf3OrxwzW0X2i8d4beORgzrHH91dxReg4rWvta0vSbm1tr/UrGyu7nHk291cJHLKTjlVJy2ScZAx+RpAeAeDfBPifTvBvwVsJfDGpre+GdVkn1NMRYgjaOZQRmTD8yj7p7ewq54i8EeLtW8E/FnSbbwtePe+ItfXUNNWWe3G+EmIli3mfJ/wAe5+XIPzD1OPoWNXaQoRz3VuemOMenPbFZei+KNF8UfbDo+qWuqrZ3L2ly1rKsixzDHynHRhlcnnGeaLgeW6x4X8T6h488cavH4auEsdY8NQaba+Zd26t56b9ykCU9fOABzwEPFZHg34Z+L/BOoeE/EVpplve3Nv4ch8P6rpb3yJKnktvjnjkyVZS33lODg98V72GXJGSH69Dz7Y7f14xVW+1KGzjkknZkSNGkd9rOUxnPA69OmO4ouB4P428BzeA/2bvHFvqE0Bv9Rkl1C4EDHy0mmuo38pGb7yquF7ZxnvXu19b3C6bcm2hjkuPKKxQyPtUuRj5mAOB9FNYljL4U+JWiaXrsdhZ67YSpI9ndXlkHKgOVLASJkfMntxzXUo3y5xx655Pbj15oA8RsPgv4u0/4d+CbC21HSrDxN4OmLWMzM89pdo6lZFkBQMuVY/dz09+NTxF8N/Gni7T9Al1TWNIfVbLW4dWmXMqWyJEGCwRjaWbduJZ3+mK9D0Xxlpev+Ide0SzW6/tDRTCLvzLVkUebu2FM8sDtPOMcda1JZvLUHHXp8pyevTPXoelJ3A8b1z4J65rVv8S7Y6po8S+Mmh2SFZna0VI1jztwAzbUHORzW/qHwu1jUvF3h/XJtbtbT+zNFl0eWO0gk80+aBvmSQsNpBRcZBrsLjxA9teanE2lalLDZ2guhcQRKyTklgYYzuGZBtyVOBgjmszw/wDEKHxR4e8Kazpml31zaa7IoO3busoyG+eYbug2kcZ6ilqB594W/Z31XQbrwnK3jFEHh6G6s4ktdKSIywzAbmJLn94xHzSdfx5rbt/gNBqeoSX3inUYNZuX0eTRJLixs/sk13E4AMlw29t8gAG044yTXZeDfG0HjK58QW8VhdafLo2oHTriO8KF3YIr5XazYG1gePxxXUccJtw56L3PGaNQPOfB3wvvvD9ibDV/F2peJLCG1exs4biGOEwxMpQs5X/WOFO0FsgDnFZ1r8DpYPD/AIV0r/hMNSmj8O3UV3ZTSWkJIEahI4yMfcVc57tk5Ir1KZXTGV2c7ct8ozjOOe+O3Ud6q3zahDYX0llYrfXscTtb20kvlCeT+FS/ajUDg4bWW/8AjpBex6bqEdja6DcWM13cWckUIm+1RsqB3ADEqCRtz0rX8XfDKw8Ya5pWryanqmm32nxvB5mn3AQzRPjcjFlYgHHUYYZOCK34fEVol9pmkXkkdrrF7bvcx6erF8BQhkxjAIBYgHAyBWiZFU4PB96NQPM9H/Z/0HQ4/DsVrq2uCPQrqS7tFkuY5AHkJ3Z3Ifl2krt/2ievNWbj4F6Jfaf4k0+fUtamtPENwLq/j+0xjfJ32/u/l4CD6IPWvQhIpwdwz6d6WG4CMOc0Ac1N8M9Pl1611ptS1f8AtS2sP7NjuPtKZ8jglSPL6kgEt61m2vwR8P2ek6Jp0VxrH2LRLr7Zp0f9oN+4lySG6c8k/wDfRrvmkXI/nVaWZtwUHatND1OUuvg74XvNS1C9eznRdSnS6vrCO6kWzuZVOfMkgztZyQMnAB9Kb4i8O6tqnxA8GXVvpATTNDu7ieW+e4jAdZLZlwqBtxPzY5UdK7WxZpI8uPmq/HtxyPm9cnPr1znrQUZ2qaPZ61pd3p17b/aLK6j8qaHeyh15B5DZBweoIrN0DwXpPhm6kmsLZhK8aQm4uriW5n2KQQgkkYsFGB8ucHuK6BpNvUUisrY5FIDz7w98FPD+naHNpt9p8c8D6lJqcMEFxMi2cjjbiJ92/oASSSCSflrtdN8P2Oj2K2lhaRWlqGZ/LRerHGWJOSzHAJJzk1bWZQxJ9cVI038I/PtTQFZLfy2GQOB91eBz1HAqcgN96oDKytzz9KsR/dyaY0RzKpYfLxUQjAzn5s1ZkUc+1UhOvG05plD/ACQuePpTGUc5X6UpnJ7UjSYBNADeO1JIq9xUS3W6UDb1qWTmgCuUDdh78VDJGrdRjuPTP0qWUlaiaQce9ADGiRVwFz/M1C8SNxtwMjIxwfU47GnyXGMkfrVaachSB1FAD2VSCAvGehAPB/LFRSRhuoqrIoSIMHbK9fmqdJ90QPc0AVri3Tp3qm1uq5GM59a0JzlM96z/ALUJMMOlNAeV/F/PgO+0/wCIlsV8uxK2GsoxA8yzY4Vx6vE5BHruPpXoNjcQahZRXNrIlxbToJIpFIIdT0Yc9K8o+KevWPifxxFpOoKr+GvCsDazrW7G2SUxnyomBPzbVLNt7lh6Vzfwk+AvhPVvCY1TXfDNv9p1GeS6jtfMlRbWFmykQAcY2iqA98aP+JY9vrgZrlfiV4xj+HvgzUtaljEk0KbLaJmH7yc4SNf++v0Brm5P2efhwz4/4RdVH+zdzj/2euC+KPwX8G+EbjSPECaH5nhqGT7Jq9jJcTSIkcg2Lcjc/wDAzEE9g+ecUwPTPhZ4T/4RPwla2k5E1/MWubybOTNPJyzE+7HA+orrmRS2T1rzb4R6td6TNfeCtWma4vdFQC0unXJu7Fh+5cH+LC5ViOhUYya9IbNA0VbiMNu6Zqm0Kt6VPPcAO685FVxMDkelIZA9uu4kiqs1pHtI71cklOcVSupPmKjrQMreWI/u1FcIJGDN1qR5kCjJ69qjkkU/xCgCjNGRkHoahaPaMdRWhMA/IqnMyrwTQBVkhWZSCOT/AHgG4xgjkEH8qz00axhmSZbS3WeMYSVYEDqDk7QwAbGSeM1psw7GopCp7imBVaE5zxUihl4XGKc2OeRxSKw9aAPp5xnNVpYEbnPNTsecVQa8PmNxwpxUszYeSMOrAGNlbcuMg54IK98jtUUNnHYwJDbW0dtCAXRIYQgByAOAMZ4zyOwFYXjXxxF4TttPT7M9/qmpXaWOn6fGwWS6mYEn5iRtVVBYnsB3rw2PxVHpei/GvUfEWi6ldad/bFrbXWljUi7pmJASJQwOwtID8nOGHHXEkns3i/wKfEmueH9Xh1abR77RTOIGht45gxmVVYHzAeoBxVGx+HP9n+K9c1qDWL9F1dR9qsBDG0TbIREG3Bdw4yfvda53xd8Yr/w/r3iDQ9M8I3GpS6Hpq6jLcSX8MEbQEMWwcMSfkbaMZ46Co9F+On9qa3oUV/4ck0bSNa02XUrG8mvEkl2RJG7+YijCgqzEcn8KANK3+DNjb+C7PwzJr+qzWFhPbT2M5+zpLbGE7owreXgjd/fDV0Wo6FaXlrpLahqEr31hIrQapK8azGTaAeihTvHylQvzA5HIxXm2jfH298SaraR6b4aaXTdSt5rizvN8x8nam9ftQ8vagkUdUZ+eB1FYGg/ETXtY+H/gDVfEuiaZrsmu67CkUk07kwSPK7JIEKkAptcKASAAuSM0mB9ALdRLcTwJNGJV5lhR8MgOQN/OeRnGcUkl5DawrNLcRW8JO1JJpBGmepCnI5wM4zXjnhLVtG8L/Eb4uapfXVlo+mx3mlxS3NwwjXzDbk8kAHln9MV1Os6X4H+Jmi2uuaoth4n0KxjmeKST9/ajbkyMR/eATqexNSB3trfQahEz211DdRKdjNbyh1yRnBIOCT+mKdNOsMZLMqovqTjO4/McEY5wefavHvh5q/hn4P8Aw506fVpdP8Ipr91Nqa2qxbFXzirKgCrxsiaJefr61Y1T4iat4s1jXdM8I3NikOi2lvdG4vbZ5ftc00ZmSMBWQxx7VGScnJ6GmhM9K/4SLSP7cg0Y6nbDWJ4mmj0/zB57RLyzBeoAPrWtGu5QMFx2UD5RxweBzzXyxr3xqhbxV8PPGn2RbFtQ8NXmyOQkQwzzSxRDzpM7REGDkse3avRPiN488S/DjT9COpanttJlmbU/EFlo6yx2kgVBGpiJbZDkt83X2oYI9buI4pFaKWOOSNlEbK6gqyt0BA6g+nbPOKXcsx2ImSuFC4O1fTA9McYFeQ6X4517x3rl1oel6/b2NxpujWVzNqlpbxzJe3FyrMuxZAcQ/J25O85xS+CfjYmteDfD2oajoWtDUtUt/NlXR9KluYFKyNHuDg/KCV4z2INIGeieIvGmj+EbeCXVrr7GlxcxWkPyMxkmkbaiAKCck/kASelbEd0JAMKQWBOcY5Aznkda+UPi744g8Qa3a3+o6L4hiubLxDY29lE+lXHlLbRz5ZlfADyzlMADJCqoHU173H4ulvPEsGgQ+G/ElrazKIjqn2RYoE3Rb85Llsjofl6/nQSdPqXiCDS7MXKQXOpf6UloYdNi891dpPLYsAeAjfez0wetb/l+VuJBYg4Pyk/57fnXyh4Nm1fQ/gf4Uv8ATfEGrW95qXimCK5X7UGBje/kSROBldwyWwRkiuy8aeItd8D+PvEfh6TU9Tv/APhMLOOPw01xcMRZXDSGKaNDkbAgcTZGPlQjtQB77G5kcqFYgDJ5GR9fT8aduO8clcHB5718ufGDXL/Ql8StoviTU7mfw3babAJrjUJIvskjMG4UMWuXlQ7m8wbQP4s8V7lD4g8RXHi6O0t/C8U3hmQ4GvLqkR3R+XuDiALk/N70DLek/ECy1Tx5rHhaO1uob3S7WK7kuLiIJHIJDhQhzkjg9QOldLCjykYUs3YLz1GRj1yPSvKfDcaj9ozxtFlWZNB0yMbWycF5Tjknnnv7VF428UeI9K+Hvi+fxVo9poehx6dII7vQtZaW9dmdUwoKKI8qwJYEkc4BoEeu/cyxI2DILZBAxjOfTr16Uq3kb7/Lnhc4BZllQ7cdC2Scgfka+U/C/inwZoOs/Ey013VNHk8ODTdLvjp2jylrRzH5mUQbj5rkiIFvlDFhkCs63/4RPQ/h74m12+tLG48Q+ILaOa40rQJlSLSrI3EKxQyNFnywN6PI3V/nHGKaA+gfip8RZPBXw51XxTo0Wn619iMfyPc7omzIqOQUDbmyw44GD1rqrPxDY3kd21pqFjcPaKyy7bhXWBgCcSkNlACMbTzjoDXyNqU0eqeEfjxp1i0epx3X9mXsY0uwkit5I1MYd4lGRsCnAbkNtzXdjw74Vk8b+Idb8K2ljH4Nj8JT2uqzWkYNncXJbdAu0ZV3VBknBPzDJ9KA9zs/GWn6L4Z0i78S65oVncXVujNc292sVlK2AS0LORleRznHPNJqHiC4ufEAs9M1rQ2Q6ZJcCxmJluTIXBimwHB8nay5HU5FfNkfmwfDv4f3Wm6nJpniLTfCTQLZ3+ntPZakpKrLYOoXdHKxUYxggV39jfNp/wAZdK1K60e40iQeAvIuYbe1lkW3mLJJ9nLKDuIReOegFAzrvhT8WYPE3gbwXf6/fWcHiDX7cyR2tuhTzmEzIfLQZxglRz6j1qT4b/Ee5vNB8XXvivULRItI8RXmlrcRQeTGI4iiIuwFmLE9AMk5FeQfs0R+IPADeH7TX9E1S9s9W0xIYb9tMlM2kPGzK9nL8mVibcXBGDuY7i3GLVt4b8TSaLe6ta6BqlwNJ+IkviSbS3s3jkvbFmIEkauAXIOGAHIwKBHqnxC+LFtD8K/Geu+FNTSXUdHtpF3yQsrWk3GFeKQKVODnn8Kt+JLXxBp/hVB/wnf9kRW0b3F94gv7K3aWLhSiIpRYwv3snBPC8enk3xP8NXuo6H8W/Gv2S703T9S0O00+CG+gaCe4kikBaUxtyF+ZUBYbjg5xXuHiy+Fjb2+mzeENQ8VWN4mLhbK1gnhjyMKrxuwOG7YyPXFTYFcofCvxFq3ij4aaBqmuPC2sXlks08luFRHJ+44AOATHsbHY5BweK4j4jv498Ly2PiKy8TSebJrNrZQeFlto5LW4glm27d2PNaULly2cZUgA4rpfhz4S1f4W+A9I0a00VtQNxqkjyWcF2gXSrWedpCCzf6xYVIztzkk46CsbWLr4hXXjSS9j+Hn2yx012h0hrnWLWKBCw8truVF3MzHnAH3UyBksSGgOo+Mnj64+Hfw78R67ZIsuoWkSx2e7oJpJBHGxHpuYVxiPfeHfilongrUdV1LWNM8RaHcTTteXTmaK6gIDSRSjDRq6s2ApG3aMYrpviB4H1b4j+HfFXhG8s7fTdOurWFrDVkuN4lnHzndDjKhJEXv0/Kq+j+Cde174gaf4u8TWtrpFxpelSWEFrDdLN5ssjBriZiOFTKqFGeQTnFMZ5LrWo3mk+CbiQX2s3Mel/E1bO3t0v5pXe3Ese6A7nPmDqNrnua9bj+P+mwaX4mutY0u90G80O8hsbjT7mSJnklm2mDEgYptcOMtuwMHNcBZ+DtZ8ZaL4gi0EWMxtfiTNqbPNdNENkMkb7V2q2S396tzxF8DfEPi7XPHV+19Z6Hc6reWGpaVdRymdobi0VVQyqYwNrBegJA9GoI1RPcftRWFn4e1zUW8NXN7PpF3bW80em38NxbyLOcRyxz4AcbvlKAZB9uai1747a1pOn+PdOn8Lf2B4n0fR31mwh1C5WeKa2zsD7lXl4z/AOC38VZHxvs/GFr8ENWm8X6xpC6g17p8VtaacsgtYSt3GxkYyHe7kHcccBUwOtdzqXwdvfGk/ifUNfv7C21DVtDl0G1XSS0kFvFIWaSYsyqXZmK8AAKqAAknNA9TJ1D4teIfCvgfSb3UNK05rh9G+33F/d6gyWrOsalIUbYCZpN24LjC9mNXm+LniHWNa8E6b4d8OafOPFGiNrMM+pXzgQlAh2sqxnAG8dM7s84wary/AnxLeT6Nc3PjGxFxa6FJoM4TStywxMADJbBpDskZQAzHIPpVrwn8Fdc8K6t4JvW8V2l+3hnSZdJgSTSyu+NwoGf3v8GxMevzZ60hlrwf8dNCvvh/o3iHxRqul+FptSM8Ytbi7GzfFKY3MZPLDcPToRxVT4ueD/DninwdrxGk2useIPESJbaXPMEkkMxRFgMD8bEQDzDtP3d5PWur+HPwxi8BeEYNDvrm28QeTcTzpcy2Kow85zI4wzPxuZumP4f7tZ2vfCPWtW8ZS+INP+IWp6GfI+ywWlvp1vKlvHxuCmQHlioJIA6DsoAANe7+JHhrwJcaT4c1vxHHHrItYI1WSKRnlPCKxKqQNzDnJFeOeE/GeoQ/Fj4geDtC1C30zU7rxPc38k13biaM2yQwoyRISA8m7BAHQAljjGfozR9PfR9LsrJrqe/NtEkZubpy00xH3ndic5J5x2NeXXn7O+l6lPqVzda/rDajd6x/bkd/CII57W52hS0TCPgMqqrL0Kr70wOc+KHxW8UeCdU1Cez1C1nt9Om05Dp9vZibfHK6pNJeSbQIX3SERqnPAra03WPHPiD42eJ9Ft/Etnp+i6J9huhbw6YrySxTLIzRly/A+U/N7DG2tHW/2dNB8SSa6b7WNfEWtNBPew2t6kUclzEFVbjAjPz4QZU5TPIUV0/h/4Y6f4Z8XX/iK11DVp76+ghguI7q5EkTLFxH/AAhtyDdh9247juLUthM+fvh5rPi/wH8K/AHiG08QRX+hvqyadceH2sowBHLdPH5izZLvJuI5zjHGK6a/+JXifUvhr4s+IdhrMttNoerXFvHomyM2r20EqRyQyfLvZmHJcMMFhXqWhfBzQPD8lqsD6hc6fZXLXljpd3eNJa2kzMWLonBOGZ2UOW2E/LjFOn+D/hmTU9QvBa3CJqFwt3e2Ed062dzMpBEkkH3S2VHQAcDINBR4j4g8dT6X8dPFFj9qn8OWfiAaLHca3kEafm3chDkfI0nMas2FXDe2em+MWua94RvLgtda6/hG3sIkl1DSLstdabMWY/aLqIFWlj2BTuIx8h716TqHwf8ACWtXmtXWo6dcXtxrUaw35lvpis0asGRdu75cEDG3GBn1pbj4PeFLxVSWyunj8hbSRG1C4IngViyxSjzAJUyx+Vw3UjNAjG0nVL64+Mfia0TVLm/0q48J2moWsErkwxeY0i7kHG0MAD689a858GyXln8M/wBn6e3vr61in1SOxuLaK4ZIZ4j9oJVxn5gCgHWvdv8AhX+gvr11rTaef7UurX7FNcxzyIzwFcGPAbAHTHHFVI/hL4Oh0/TrBfD1qLHT5PNs7ctIUgcnO5Bu+U5x+XvQB4fb+I5NP+MvjDRtalutN8IXnitGn1K0maMi7+ywmCCR0K7I5AGJYZyeDive/iBeWeh/D/X7m7vrjSLK202QG+sSDNCAvDIxOC3vkD3qJvhf4R8u/jbw3p8iag6yXqyx+YtyynIaQPu3sDkgnJHSt23020h037AtrH9h8ryDbFd0bR4wUIOcr7UmB8yaDqy6L4i8W6S2u2vhjTtS8JpcwtZ373f2aTP+uc8bpfL+d9vVeRkVPawyQ+E/ihoOqaTDo+s23hxLsz6Nds+n3iIsvlXEeMNHI7N8ytkkAV7/AG/gHwvZrstvDekW48lrb93ZRqfKb7y5wcAnk+/XNOtfCOgafYTWVtoGlwWc5UzW8dnGI5SM4LLjBxk4GMUIZ5Bbt4dg+I3ws1fUoNNK3/hVo47q6EfzXEf2fy8Fs5cbmxj5hjgivcJJcvIxGT24NNh0mxhjtYo9Ps447V98CpbIqxNxllAHytx2xV7GNuSeKGBUaFfOVghzTwnyj5OaslhgetKF3fKGpAUJZmTdHyWPTFTLbOZBvzx3qxsG4g9f72KsLGVT1oGhYc429DVmMfhUPCrycHOKRpdx9KaGLIdy4HWmxqePlxj1pe+Kevz9gPxoYDTEOfc5qOVXxtAq02PWomYqcjNICFonQ525+lSx7lXBPNO/DP40N8vvTQCZypz3qnIrcYGPoKtFgDtzzSPz6VQFJ1l3ZA5prbmyPWrMmFxk0yPk80AQbSGGOoqRs08qEORTCwNAEMyk1UaM8e1XpGB7Gq00yx9WHXFAFaaMkECofJfjcPrVzdmmsDgnPSgpGZ5LqSNoKe9NhikQAMOlXNwbOH5HUVWuLhId2QeKaGNl/wBXWFfyQab5JnuYLZZG2J58qx7j3A3EcitsOGAbquM14d8O4bbx98QfiNd+IrK31S5sdXk0u3t7uETRwWy8osaODgMOdw5460xM0vFnwdg1XT2tNPkFrbanrCapq5uGLyXaKchEbH3d4HsRxmu3t7aSGNYwqqgwML2UV578LLybQviN4/8ABEcjSaLpU0Fzp0TlibaOdd5hBJJKK3TnivUwMjOfwpgipMp3ZA4rO1bSrfV7O6sbyFbm0uo2hnjccSRsu0gj6ZH457VtH1IqrcMFcAEA+9MZ5b4S+GN1oV1ps+qXjXV1oSS2thfQStums3PypcqQMlBg+m4ZzzXoO7cqsCCrfdIOc/T39uvFebfF+8l1Dxp4A8OzOw0XUrq4kvI1JAmMceVjbBBKnqRnisvxJ5Hw1+JHhA6DEljpmvyT2F/ptv8AJC7Iu+Gby+gcMSDgDcOuKAPS51Lb2x1qsyPuJANaXmLjB4NRPtC7t1A0Z+1iORzVWeMxgnqT6VpPhhkHP0qq6446mgoyZIWkYtj6VWaN/wC7itl8dsVVmX1/SkBTLbBWddfNJjk/StKTDZGarvGPx9aAMp8+tRN+NX5EXbtwAKi8sMaYFTO3PPWpIlytO8kH736VIqBaYH00/DZqhNbhZv8AZzk+taEgqjeEqN/es2Zs8++KHw/1bxRqXhfXdAu7S31jw/dvPFb6hu8i4jkQpIjsoLKdpwCAepriNT+DXjPWfDfj6wutS8PwXPijU7e/XyGnMdssaxjZkrluIkXoOCT1AFe5FyVyOtQsS6nPUe1IR5brXw38Qax4o8aar9t0iFfEWjRaSY/3r+VsDAufl+YfO3y8dBzyapWvwW1Fr7wW19qenGx0DSJtIkjt45PMnSSJYmcEng7UHHPU16yuV4bg/WlX5WzSEeXeA/hX4i8KWNrpGo+Mf7X8PafH5WnWsdr5M20BlQTyA/OEVjgKFyQpOMVl6f8AA7V9L8N+D9HPiy3lh8OalHfwZ0s/P5ZPlof3vozZ9TtxjFexK/7x16bfalbLNk4zQBwegeAP7H8ReK9WvL631NPEFzDcm1ksxthMSCONcszbvkG3JHvWv4m8G2/ijwzcaEHFhZXBVZRbwqMx7wZE9BvGQeO5re2ncM4wParK/dwBzSApm2TbhV2YPC4BAz6DHHHHHb6VyGrfB+21bxFf61Z61qGiXOqWkdjqa2YjZbuJAQvDqdrBSVDDsfau2O4VahGFxSEzzfVfgL4a1K9tZGkurfT7XSG0OHTIhGYEtWABHK7t2QGySeR71ND8GbUWGm2q+J/EIFhZyackjzwtJJbNjEbkxYbG1fmIJ5NehSKcEUQrQCOFm+DPh5bmxn019Q0CW1sF0vfpV20XnWq8LDJnO4Y/i4cf3q67T9HstI0e10vT7dbLTbWNYYLSHIREAxgAk4445z61e8s/Wn+UdueM0AzA1zwzpviOOwTU7droWN5Hf2/7xgUmjbKt1wRyflYFT3BrYMUbYYLyo6juT7HNNO5m29DU3kmNRigLHGW/wR8DpYrZL4fhjtFu/twiSeYATZyHHz8FTllH8JJxiptN8M69qnjFNV8Q2+l2tnpT3K6PFYPJI8xm+Rp5S+NpEQ2BQSPnY54Ge0Vl70o3NnoM9eOo9PagDm9S+F/g7Xr66vtT8LaTqV/cxrDNc3NojvIgxgHcD6fh0robe3it44oooY4Io1VEjhjVVVV4AUY4496c7eX0pIWZ2yaBFW38L6JbalNqUOjafDqc24yX0drGJ5C33i0m3cc8cZ/OrcsKXEZjkRZInG145F3K44HzA9eAKmkLdqAvegClDYWcQVI7C1jjVQgVIFAwMkDgdMnOP8Kmt7K2toWjggggVhh1SIAMOeCBjj29zSszDkDinW8Zk5YEGmgGCErKGz82Qc9+Bjvx06HHHT3qwuZAFLtx23HHUH+Y59QAOKeYSWzSBTnIFMCeFXVf9YxOPXv1P69+tK2+MYVyO/BIy2Op555/Tilj6U8rjrzQAkbFVJUlc8HBIJxz1z69jmmndJy2SclhuydrHnuc9fcVJGMN7U9uKYGR4i8N6f4s0G90XVoPtemXsflXEBdl3ruBxkEN1APWrGl6NBo2mx2VvJczQxlirXtzJcyHd1zJIWcj2zxV7bk4xTzgCgCuyjaBtB+gAH1I9vQYzTecZ7j+Lv6Z/LtU+30pPL+XFADBCBn8+MAZ468ZOec81Fc2kN9ayWt1BFc2kq7HgmQPGy9wVPB/KrOyo+lAFbT9D0zRLP7Lpmn2umWm4sYLOFIkJOMkqoAJ4HOKtLbhFyMZ9hinj7uDTv4aAK91pNpfwrHd2tvdxqQypcRLIqsO4BBwe1WbeJYVSJFVUVdoCrgAew7U7d8tG7avy9aBD27frxTVVAwO3kUKw70vU81LAMCnouKZUiHNCAUgA4pPKH3u1KPvZNO/lVDGqvGaFTnk05uV4pQMVLATb+NIE9af06U3ikAgQA5p20ZzScUtADlan4DMAO1Rj0PSk37GyDTQiTYWPIpVjFOXEidTmhelDATyB1zTG/3alkPy8VFuZu1IYjJgbgPw70rLxmnKxJ5HNMmI28UAQ8+uKVphEowMknHFMmaQyrzwOvFCxycKWG3Oc96ABLgrI+35cVYW8LYHeqxhbczAjBqSOFuD2FA0PlmLcN654pFkKnPUf7VP+zlm7UktmWVhu4brQMFut2GB4q0z7Yye9VFtyuFB5+nFSsrtGV70AKt2f4h+VNW4JA75phtSP4qlgtVVU+Y8UwHxSM1I8jJyKsLEB0qK4wsecZ9hTQECyZPI5pGkPnY60IhlG5envTGRlbI60wIppG3BWbj2FJvK5PpTjAW53HP0prW5wRu60ARXE8gJYD5RURldWUkjDHAqVrXewO847rSPah9uWPynIoAbNI23I6VSkZpFIbqDmr00IkTbkge1VWsMKV3kj1700Masm1go61JM21TzikW1UMGyd1Mmj8xcVQylHvWTe27Dfe4qG7j8sOfvCtBoyyhSeBSSQh0KkcVKGYqzGO0HOOMZ7Vw9x8P5YfFF94i0DVzoeq6gipfpJaC5trvb9x3jLLiRckBgRkdRXf3Gm/u/vtj+7jimtDldoOPwpgcj4R8EW/hWXVL17mTUtZ1WY3F9qEygNM/QAAfdVR0UVtO5WQHPWtFo/wB3t6VTaAKxyPpQBFcTeWvFZN5IfkY/eJxWtJGH471Rnslk4JPByKaA4/xt4Vt/GGn2kUtxLY39hcC7sNQgAMltKOhAJ5Vhwy9xWJJ4P1HUPEVjrPiLWLbU5tNVlsoLOzMEERfiRyrO53kd88V6DPp4Hc1D/Z6lmJJ+bqMcUwM5mZjucgU2SfnHbGamvLZtuwE49cVDHb7h74xQNFeW4eJV2gHdVb7VJu5q7Pbts2huO1UmtdrZzQUMaZs7eMVWurgqxC1aaIB8iqdxC0jkjFAFRrjy1LY+Y1BJdbePL4qaa1fd2xVaWAnvSYETXAmOOaZ5mzrmhLd1bJGKXyyeopAM880LJTGjZe1CitAPqNu9VbqIsmKtNzTDhlxWTIKAiKLSeWOe+aln+Ybe1Qs3l4HcjI+nrSJZE8e0ZxlvekEJNOkmy2KRpj2pCGMgX5gPrSeXzTpGAXHWm5Pvnt2z+f8AWkwI2j3HJpyjbjvQ7BaB/DjrjOO/5UIY/wAsM1SKwXio/MVeScenvTd3zZ7Yz7fn+f5UMCz8u0gdTSRruXB4qPdn0qTzFPfP0pCJFXb0p/APtUO8dufpUiMJGwaACSNG+tCtwq9qVlFOCjIPpQAeUPSpdoWkytDyDng0CY2SMNT44wtKpHenDjvQCG7cnmnbRtxijHOaO2aBjlQAcYNO29gMVCo2nFTiQjkigTF2UwNjrUu6oWGWyaYh4PpUq8rk1CtOZvm46U0MkXhqUH1qHf8ANnFSRtu+9TGOVm3U9uRmjbk5HFH8OKBMTNOZd3U0yQENkCnBsjNAgb5e1NZe9JIzZx1obOMUANyaPMG3GaI1PQ0rRjsKQD489TTyuBioo8yLzxUi570CGrnzOelS8U3yz5lIMls0gJad9KYrU7dQMex20qsO9RNHu6E0kasvUimBY2/NjtRmm87s0jZbrSYD8CmbqI0yMmjaR0pCHZC8k09cNUDJuXmnR0AS+WaZHHupfLOM7qcrleO1ADvljGAaRW96YV9aUKBQMWSQKvWk87bSNHupPLDHFADvMLHIqMtt96Vo/LbIJK0vl+imgBdw28jmot27vUqqFGSCaZ5YzhQaAJY9uAMgk1KvyrzjNRLH5bKdvNTvsHPOaAEVxmnMR1ziov8AaXp70rDcME0AL5wU+9HnDOOlQhRu5p8iq/NNATqyN/EKbuw2BTEVAcVJjv3pjJFkx0pN3fGaVcUNj+H9aYxny9M5H5U1wA2cU4BQ2cUsgBoAr7lqNmqWaML93mmYx1FAEOdtMkkA6ZqZlqLy/WgCNTnrTWkK8CrDKO1RlRnmmhor9BmoWNWTGpXGahkXPTimDIN4zjBoaQin4GPemSDNMEQTSYbkcVVkIIyKtSDe2TVdl4xQUVHmXJBzx7VWml6n0q5KuMn+lU5Fwxz0NAFbzBnPWoZGAarHlqpwKgmX5ulCAgklDVVkm2nFW5FVetQS7Sc7aYFKacH5SOKqNKM/KcVfmVWbO0VSkjXdwKQ0V5J93QGqk0iJ1/Sr7RhelV5lG3B/lQMoNIvrULsA1WmiA/hqCSNd1AFGVge5qvJg1ckiXn2qqyLQMryN74qIybfpU0kQbrUPkhVwelCAibDcZ4pVVfWmyKOcU0YqgPqBvlqCTI6VMxqHdnrWbM2YfibXLXwroOpa1qMvk2Gn273M79SFVc4A6kngAdyRXMfCP4jQ/Fb4e6Z4jgiEMt0JI57fdnyZkbaUPoMlTz2YGs/4mahP4s8WaP4L0uezhkixqt62oW0stvJ5Z/c252MqkhsSHLchF9TjxD4DrffCzX/if4Ev7a9vNDxNe6fd2FnLFbuwiYPHExGFJUqo+Y8x9qQj6GHxK8JSwXssfifSZEsVL3TrdoRCocKS5zwASMnoM+vFN0L4k+FPEmqDTdK8S6Xqd+0XnrBa3KuWj7sD0OOeAc8dK+VvDOma54P+F/xT0/fNq3hOx8MtFpep3llJbzweYyn7JhgCQv3ioyoIBX0rT+HWh3/izxF8FR4esb3TrXw7ory6rqMlo9rD5jrlfnKgSknDArn5X9eKCWfS0fxH8MzeJP7Aj1y0bV/Na3FvluZlALRB8bS4z93OfavPfC/xxn/4Tn4nab4pu7Gz0TwvdW8FvdRWzKcS7h84XcTyVH69Oa8X8J/C3xdqGheA/B0mk6hba7o/jCfV9W1Ca3fyEhUjEonxsfeBwAxP0qHVvCfxDs/iR418Z6FomrSQx+JrfUbfSZLJxHqsIaVd5JHJXIODx82cZGaLC1PqHWviz4Y0CeKG/wBUkgme3S7aP7HMzRQu22N5QEJjDtwu/GSMVzVr8UobH4iePU1XxVpo8OeHbOJ5bI2ksc9k+V3ySSFcPnnaFJ3blx3x5l8VfB/iLxn8RtO8U+FtD1zSfEUgtIXF9bFrW8gfmVZycBDESQwbIcdCTzU158Pda1jx58ZLrU/B2rajo/iNba2szCPKkuEjkQFo2LfKw/1iggD5cNmiwXPQfiV8arCD4a6tqWia7ceGL2C4t7VtQ1DSpW8h5AZE3R7TgMg4IyORWDP8Vtf0/wCO3inRZtbmm8P2PhU6sqLYp+5nCRnzQuNxGcybd2OSM15rq/wd+JEvwH1XwlHYalrgbXoZdHS7WOK5jsYSWZpdznAJxtDMSoyK7XUPAfiy6+LXxB8SReGL/wCx6v4SOjac8jxKz3BhjXacycLwRn0FFgudP4P+PGkeGfhr4IvPFGvah4iuteaWC21W10tk+1SCUqFMf3h95e3Y16L8OPiVonxS02+v9Ee7C2F49jdW99B5MsMq9QwyR+teA6T8GfG0Hh34IWP/AAjzZ8IajLdaqDeWwG0zg/KPM5OBnqK9O/Zt8A+Ifh/a+M/+EjsE06bVtcfVLf8A0uOXfHJ0B2u3zDuDx71NgPYhGOwxUixhWzQrnd608ZIzjigaArxTtq+lN3Db1qRffikDGlcU7y8dacpFKw/nQIZtLdakSMd6Qdce+KUZGOQc+hzQA6l2jGKReeeg9Sf0pTgnGRn0zz7fnQNDduWzipGAYc03eRjvnp7+1OXDEAMv500Meo9Kc0aAZwaRPk5A4yBntk9s0SMNue9MBi4pWXNNjPGQcg9Of8/l1qU4AzQJkWyngHsKTP5c49//ANdSLJzjFMQvK0nmClZs1FtLcY5zjFAEqsWoZTt4pI6ezUANUbWzSFiafjOQPmIGTtGcU3GNpIIDdMgjNACqNxyaQilTpnt39ucU7IBwcg8cEEdelSwCJcrzQPSm7wqkZ/WhWDc5GPqKQEvmdu9MLHoKQcuQAcjAIxyCegPp171IsbNhgjEE4HHU8kAe5AzjrimhCdKWo0PzFSckEg47Y659P/r1IvzZ9uvt6fnQwHr2ok9qRSFBJIwoy5zwg9/SmR3MN1DHNBNHcQyAGOSBxIrgg8grkY4xnpSGS+YKXdUO8HGDnccD1PuB1IqRcBcsRjGT7Y659MUxEy4UYpregpNy8+3Xkcf59elCI7MuwE7jtXjqfagBy4HWlZeMiucm+IfhiDTbXUJNesls7q6NjBLvJ82cOUMajGSdwI6dq2bPU7bUpLqK1nSea0mNvcRKfnhkH8LL1BwcjjBHTORSAt7vlxTOKarbcbuM8DPGT9elSLGXbg4PcNwR9Qen4+lAD1IbmkyaljjTpnnn9Ofx49KbNgHGRznoc9Ov+e/agZHuH4UKHDVStdas7jWr3SlE/wBttIopX3QssTiQMV2SEbXOF5Ck4yM4rQkYxkZ9M/Qf/r4/HPTmgA2/Nj+Gn/6tcZ4qHzN7DAIPTB/z68U/zFMYOd2QDxz16fX8KAHBl29Qaj3+XyOarSPtk+UZGM8AnsD/ACNKJgy/IcnOMfy/z274oAttmTHPSopC33Rz6+1Ee7OMHOAQMHkEdf6VRh1ZrrVNQsjp91AttHHIl26DybgOCf3ZBJJXBByBz0zQBdUN+HahGK965rVPHFtpfjLRPDc1hffadYhmmguljU2+Il3ON27OQuD93HI5rf8Am7jAzgZ78dvXnjA5oAljbdIBuGT05wDT/lVsZ4rko/HLReOLbw3faPeWT3kE1zbXvnRyRTpEVDEhWJX74xkDv0ra1zXoNB0m51K6WeWKAD91bxF5ZGYgIiKOpYkAdueSKBo0lxuxnn0Bz/Kp81574N+LVv4p8TXnhy+0TVfDOvW8Au1stTVWE8GQN0boSrYLDPIxn2OO9Rs4IOQehqkBOuetPzTFk+XqKA2aYIWgqT3pN1NaTJ4zQMUIxYAAs5yAAM5IOMUjKx+8uOccDPfAHHr/AENeTfFXxReX3xB8FeALe4lsbPWlmvr66t5PLleGIEpCrfwhmGSeuK25vhZp9nqWjX2hSz6S1jOHuLNLuZra7hKMrrKhcgsu7IOAcigDuWjfjKNg+ik/yokhePG9GXPPzKQccc49Oa+evhz4k0Pwv8QvifpGsXN9JHbax9ntYZ47q7WO2KfNHkK2Fz/D1PYmtH9my9sn07xxdtdyNbW+vXUEVxfTv+6tlCFI90hG3g55wR6VSA9w8p2UEIxBBPCnoDjI9cn0qDy3bdtVjt64U8e59B7mvJfj9od14g0Tw9qHhnVBpXiJtThis9VtpmMbZWRlDlSVkjLAcENXMXXj60+JnhOzt9ZsF0nxjoWvWVpq2jljG8JeUI+3GN0UinIzn2pge/NbsvJBx2OCQfoeh+nWo5I3WPeUbZ/exx359+leAa3eaN4L/aaL3AuUs7jw/HdxQ2sE92q3HmFDIscattO0ddtZXhHxJplr8bPidrGmwTzWmnaLDqFtbzJLD5brG5lASQfKGI5O3HpmkB9HtG4Cna3zAMMjHBxg8+uahc4YrgkgFjx2AJz7DjHPQ9a8Y+C/hbTPiF4B03xZ4pt11jXdaVrl7qaRkeIM52pCQR5YAwMLjkGsXxVZ3vh3xN8OvhcdUuZ9GvpLq7uZ2kYT3EMblkhdvvEHOGPemgPeJJNvUMPcjANRnO0sQVXONzcD3614b8VoYvggfDnirwtCthaSarDp2raZCxFvdwykhWaPJAdMcMoDH1qr8P5rb40eOPGmpeIol1Kw0nUzp2n6fPlreBI/4wmdpY92OaY0e5SeY3yhG3YJwFJOB6AdfwqqwM/3QW/3Rnp16enqePevDPjb8N7Pwv8ACHx/cafcObUeTf2lvJKztZSARRsI3YltmF+7noSvTiuS+K3iDw9qHw/8KCztNQhuLfUrKD99pt3bARkgSR+YyquDnoSc9s0ij6XUg/NnKnkH196jm3lgQh646VQj1bTbGRdM+12ou4oWkFiZ187y1XcW2k5xj27Z6c1498HtJ0/4s+GZ/F/iu0XV9T1K5n2tcFtttCsjKiwnP7vCqc4I7UID2maNz/yzccA/MpB5HHB/KqskMjLu2nbnGce2f5c+teCfFLwlZeAbH4d/aJLq/s7bWpLZ5o0llmlt3DuiMEy0mDjoCakuNW0fxB+0L4deyhuo0m0mYyi7tprXfIkg2sFlVQTg43Y4HUCmB7htPRRluu3vjuR6456elQMpcfKjMe/Hp3968PW1g+J3wp8U+KblpodUmaaWzu4ncSWSxvtRUIYH5VB785NZv/CWXGr+G7zwx4uUDxboVxaObrcyfb7Zpo1WePBHBVsEdicUgPeJFZV3EcZ7c9s5qrI4XO75e/zEDj1rxp9Q0fwb8btYivxeLaXOmWksEUUVxcRqzCQS/KgON+ByeBVj4GajBH4f8Q3Et26W0es3MMdxeTyKBGHBjXMh44YcHBpgeqSM2AeMdevTg5/LGPqagk+9XJ6trH/CL+PdLi3v/Z3iBJlMLciO5jVWWRfZkOMeqBupxXVOrI3z/Kfekxohk/i96ptV2RecVWmXHSkUVm6dKibJU4BOM9B6dcev4VU1vXrDRVRbu+trS4mVlt4p5VRpWHUKCRu/D1rybTRHB4L8N+KiC1/f3dvHqUzMc3Uc7smyQ4wdpK7eMrs4xTQHrjA5YYPvxnGKTivHvBepI114Ns/L1COWG6vLWWWdJRHMRuwN5GJMbTXsIXqKoD6bb1qLFTsRjFVpfaoIGSMVV/3mAMkqX+XpjJ56Y75wB1weKqxXHnwxPFcb4nG9DHIGQjrkY46k/nXiHxD8W6r4i+IutWKeHpvEXhbwfZw3N3pq3UcKXdy6mQFww/fKkQJSMggsOTkgV32i/FbwXqljofl+IdOsBqtvDc2djdTJHLslH7seWPU5HXqDSEy38R/DNp8QvDN74Z1K/mtYNWh8hjAyGaRAQWVN4bnjBIzimeBLHT9J8NWWh6Tqw1i30mJLASefHK0YThY28vjIAxx/drk/hzs+KWieKtev/MB1XUbjSrdYZCrQWMBEQhQjpv2OWK/MS/Xiqfh74f6Tp/xT8Qar4YtLXw/pFrop0e6azRYYJL7fuOANoPkR43Nn7zbd2QcIk9DXxbocmpNpx1zTH1BZRE9mbyLzg+cBGXduDA+w961mbzFzuyVJ9SFOBzntwD7cHOK+bfCd9J4FvPB/gHx94ejtJrPUIm0LxRpib7e9mVt6B2wSsjHhu57gV7H440fUPFHhHWdJ0/VF0a5vIjbi9aHf5YY/OoBIGSo2ewJNIC3H8QvC91b3k0XibSp4LMB7qaG9jcQKSQCxBIHIOM+hp+g+PfDHii+FppHiLTdTuipkENtdJI7gA8qv8XBxx0715H4dur7R/BPxJ8Maro+j6RrWi6Y0st5otqtvBewyW8phlKAAqRskGCP14rjfhvHceN9b+EGg3+nx+HU8M6RDrUFzIytPq67ApWFl+6u4jeCxY5HFBB9Zqpf5mLEkepJ64B59T356ViSeMNG+33lkl+s91Zoz3SWqPMbfaTlHZVYBsH/VkhvQVzPxt8Xaj4L+FHiTVtLO3UobYLayEf6qSRxFvx/slyeeMiud+HN1rPw08UaF8O9Th065sbrSJdRtb7S4pEkWWIqJ/P3MxkLFg3mfKSeDxQM7HR/jD4H8R3FjFYeJLaWW6cRWzSJKiTyDhlR3QKTkEYBPIrqo9as/7Yl0oSlNQ8kTiJgQZI+m5T0baeG5yuRnAOa+O/A8l74s+H3ww8Fa3DBpPhjVdTm1CPWdxle5njnldLfaVAhZyTgljkD8K+gvjRqc+lXXw+1W33LdQ+Kra2VFbGY51dJowP7rLjj1CnnAyAenRn5jjt61jWfjiwvvFl54ctoNQuL6yKrdTR2Z+zQlo/MQNJnHK9PetlvkZq8ktNUm0PXfjfqlrt+02bQyoeN26PTgw9/lyKAO81L4jaNpNvqd1JLPNb2M62cjW0DSma6Jx9nhVcmSQdwBgdzwcZml/Grw9rXhfXdbtItVcaExGp6XNaiK9tQAWLNEzDgKC3BJwOKo/Cm407w38EfB+oX0qRWtvpMF5Jcv+8ZZZU3yOAPm3u0r5x8zZOCc1g+INLfTfhz8V9fu9tprWvabcXsmnmUGS0to7Z4oEdMn5gAXZjxukYZIANMDqdF+N3h/XNS8PWckGq6SfEMZk0ifVLRYob3jdtR1dhuwQdpwea63TvEtvfa9e6IY2tdStYluVjkx+/ticebHgncA2VPcHtggn5w+H9rev4y+E9p41miOkQaHb3XhOSzjMUMt4II1Mc7EktIsZVlGQrc8V6R8SLi80z4xfCyWwhMt5INXhe2B2ebF9nUlM9gXVRnsQD2JpbAel+I/EEPhnRZdQlt7m8ZWWGC1sovNmnlYgLGg6Z5PJIAwckVg+A/ifD451DWdLudH1Lw7rujtC11pupFXby5QSjo6EhlOCMg8HrVXT/HWpWuh6rrHjfw/D4N0+xiRluJNRjuzIGLFlAVRgjC8Dlt9Y3hPUBc3PibxBpD6XrHjXVoIpU0kagpFrawny4oZJY9wUjzGdum5mIGQM0mB2HjnxpceDYtEistOTU7/AFfUk0y3ge5+zqGZGcFm2sRwp6A06bxdJHrGk6ItvHLrd5CLy6t45iYrSBWCyOX27iN5CpleTnoASOC8WXWvajqXwxbxFptjo16viv5YLK9NzEI1s5zkuyrz941d8D+dJ8fvikLkkMlho8dvkdIPKkyRnnAct04JJ79EA9/jRqlj4m0ODU/B91YeGNeuxZWGrvdBpjKc7DNbYzGrBcj5s+oB4qG6+MXidfE3jPSLHwtpt23heKGedn1eSKS5jkjaRVjBhwG2qc5IHvWUfix4H8cfEDT1PiTT5YtHvSNK0+N/MuNQ1FsReasagsVTeQueMsz8KAT5z4k8OXnxE+IHxqtvDWvMt/brpjjS7W6VItWjigbzLd9mGP3SgK/3u1NAe8x/FmDUvhjpXxB06zebQp7f7ddwyHFzDblSHZCPlJi2szZxuCnkHAPdQ3Ed0sMsMqSwTIskciHKshxhge4wfx7Zryq18deFfFPwD8QX+iiG00u00O5il0xcK9iRA2YZE6qwIIweuD70fD3QviHZ+EfBFuNX0iy0630nT47u0vdPea6JWNfMXzN428cDjg0MCXxJ8SvGXhXWNO1O88Paf/wh97qsOl+X50n9px+bL5cc5H+r2k4OwAnDDnOQPVZMrIw6hSQSvI469PSvC774yeGPFHji3SZNTvLPR77GnWtrpdxKb++PyecX2bAkfmFUyw+Ys/AUE+kTWPibSfEN5qmoeLbSTwxAZX/suHSAJY4guFAmDlmIPVtuW74oQGH46+MKeCvih4S8NyWwew1GUQanfSDC2jzbxaKT0BZ42/AV1+v+NNA8IyWq67rNlo73RxAt5MEMnXJHsMdeleEeJvh/dfEr4V+K/ELa7qGmXOrs2rx6UmnputpoCBaRnMZlBQKhITHLNyc5rU1PxPcePNI+Dmq3ugatHqkOuw3mq28mkTk2rrbuju/yfdaR4znrg+oIFsR6RH8cvh9Lb286+LtNMM8/2VGLOCJNwUB1K5jGSPmcBferGoeONI0vxtqltc+K4YRpekG5vtFMKlbdA4/0t5Au8HawTy85xzXh/ivSr/UvBvx3tbXw7rE99rmsxvp6rpcwa5TZEAwygyN0crHkdOnIz3N8b64+MWp65FomtzaY/gk6dFcDTZsSXBkL+WMrwdpx9T14oQHY+GPjT4N8aa1ZaVomsi+u723a5tQLeVFnVeXVGZQGdRyVHOKsW/xV8M3Wr2tkL2bF1cyWVvfG2kFnNcoSGgWYrtL5BAGeSMDJrxzwn4X8Qw6f8CbN/DusW3/CP2t1DqUjWvFk72/kbmOc8v8ANxk4754pdH+H/iK9+GHhX4ZanoV1Z32i6vBNLrbBPsjW8NyZhNA+7czsDgLjdkkk0mxn0Xf/AGj7HOlu0dvdMj+TJcxF1V+zFcjcv+z+Wa8q+HWsXkXxe8S+HovHUnjLSrXTIZ7iG+kgM9vetMw2x+UFO0IvIHALKCRmuig8Gy+GNS1bxDZ6r4k1+9eO4mTRbrVv3ErFtwSNGwi4PC+grM0zwnL4q+JGm+M7zw9ceFms9KutNkjuHjF1eNOynBMLkbUUNh87izA4XaMoDpPib4yk+HPgXU9fFu01zFsgtInB2y3MkixxJ9NzZPsD16Vh6x46tfhjf+H/AAve2uveItc1VZmjmt4A4u50BaQB2ZVTLDhQcIpBzXIfFL4L2uk/DDXX0OTW9WvYZrHUXi1LUpb0yJb3CyEIHPDEBsAc5x0rpvGei6l4m+JHw78T6NZR33h3TVu7mS6W5jiV0uIQieWrEZwBljjpxQwKtn+0bpN1aWV43h3xDb2D6muj393NDGsenXbSGMRyHfl/mxlkDKMgE54pfHH7RXh/wNrGoWd3E11DplzFa6lcRXUSy27vtyVtywkkVA67iFwOcZ2nHIal8L/Gl98Ntc0NdJsFvL7xf/wkEXmalGY1t/tSXARvlzvygzgbSTmtqPwN490Hxn4lfQzokvh7xFeHUvtl+5N1pM8iqsu1QpEvAG1cgcDpk09BFi3+LOrahrnxMsb7wu934e0OBFVbO9gVzC0LSO3JGTIr7uWBTbgZPFZDXOmap4q/Z81bTbRrCyura6SC3M5cxQHTyVQtn5iuc7gAfet258AeJrHxP8Q7nT202703xPYxpE91NJHcRzLa/Z8NtQqFwSxYZJ6YH3qraV8MfFNjb/CdAuju/gyKSO8zdy4uN0HkDy/3PHHzc4546c0tAMj4I+MG0O31zwtoGlx6vqQ8Vao81q120aWFokgCSyNsdiCdqqOrHdgHa2Ow8V/HGbwf4ktbW/0KODSZtXt9GiuLi9KXdwZVVTcwQlcSQqzgZz6+lcLofwH8X+G/EcviXS9S8P2XiCXV7q7uQ0k7QXVlcMXe1lHlAkq4BV8ZG5sAd7/ij4E+K/EV9rkyeINDQX2s2utQz3FpLJcIYmjItWcMP3ClSVUdc/w5ODQDobz4ga/4u8UeMfCJ8HafPpWkXAstQurvUg+IpYDIkgjKYZsDlMDFcT8FfilrnhX4cfC2DWPDdtH4Q1SOLSbfVbe9Z7hJnLbGlhCgCNmBA+Y9OcV6V4P+H+taH4y8Y6xqWoWN3b+IGifFqrrJE0cQizzwQy5Yjs3AJHNZPhP4L6jpei+FvD+taxY6j4d8MXEd5YraWzxz3csZfyTcFnYAJvztTAY9cUaAFp8bNS/4WFo2gahpun2g1e/ubFbL7S7Xtosas0csxBKYkCg7cDbvXGc1i3nx48a6f4f1jX5fD2iDTtD8QnSLu2ju5jPNiVI90UhAAYNIvzH7wzlRipdJ/Z/1zS5ND2+OFFvousT6pa/8SsNNL5wkD+a5k+ZyshG4gjk5B4xfm+BuqXng/wATaBceKbXy9c1v+23nXSzmBzIkjRqvm4K7o05/3vWgC1cfGbVvBN342tPGNnpzz+HtLTWoDpEkiiWOQvH5J8wk7t4X58fhWrB488S6L4w8KaPro0u6i8VQSLaXVjDJD9lukjEnkybnffEVPD8Hg8Ac1HqHwfTxJ4q8Q6prmqx3tjr2ipot7p0FmYP3aktvSTzGKnczHp2FXvDXwxutN1DQLzWfET6/P4fgkh0p5bJYjCzxiPzZcMfOcIAoztGCTigDzTxV4xvvF/wJg1HVobSG+tfGVtbutjD5UZMWoiPIDbjkgEnJO7dziu8+I2rT+F/i54DurDZHceIJLrQrvzBvjcLGZIGdRgsEkzjnIVyuemKy/ART4HuPC0vie4+zXGsf2ybmOwiV1l87z8AZPHmgN9Pl6VranoMviT4l+H9VvY5BpfhJJrh7poiv2m8kVEbywASVjjDEsMjcRgkc0mB5xpvxb+IVt4F0nx3fXOi32htqv9mX2lwWRjlMX2pofNSTJ2tuX7uMYIOcV0+l+NvHEOteP76+1nTW0PwfeSltPi0zY91ALbzAgcsSvzbex6t+OH8Dfh/Jr/gO1ttb1LUm02y1i4vToE9oII/M+0M8RaRkDshysm3PXPbivUfDXw7stB1TxPdG9udTg8RyGTULK6SHyHYosZKhEXb+7BTGegzSA5Y/EDxTotn8P9dutVi1bTPFE1tZXtotpGqWktwm6KSBgNxVG4KszbhXGzfET4kweA/EfjNvEdjew+G9ZuLSXSl0uONL6CKcRuS/VG+bgAcDpmvUPDvwm0vw3JpMP9oalqWk6HK1zpWnX0iSR2LENt2kIHfYGbZvLYz7Vw/wy+HH/CRWviqLxA+uWmnXHiW41H+xrqDyLW7iLhoX+aMPsJC5j3Y+QZHNMDpIde8Ta18RvG3he2157G3XR7O90to7eMG1kkaQsCCD5mSACxHT8qxvAPxG1nxavhewk1G5h1nTPtj+JreRELboCqbGG3jL4I27cqCK7TU/B1poXiLWfHFsmp6hq0liIX0y2aMrcRopKxRqVGDknHzCovh3oLLdeIfFF3o39ianr91DM9rMwaaOKKIJH5hBI3E7mIBIO/rxQB5w/wASvEC/CXT/AImwaxPNJJdI91oiqhs3tXuWiEKrsyrICCGzyetV/EOueMxcfF24g8b6pbr4X8u7063jhhC4aDzdsh2/Mn8JHHHJzXplt8H/AA9Z3G62W8h043w1AaMLjNiLoHIlEWM53fNtztz2qeP4XaG154lnnfUpZPEChNS3XrbJ1A2gFe3y/L9OKQHAfErxZrN/pWp3ukaxqCXtr4Zg1YWWj7YlspGUyNPOzcSA/dEZ3EgdKbcarr/iz4geArH/AISbU9L07xB4ZfULy3sGijAlXyt+07Dt+8enTBxivQr/AOEHg7UYVFzp01wTZrZM/wBsl3TQKGVVdlbDgBjjuPWq2m/B/wAMeHZtKutPtr+2n0u2a1s2XUZx5aHO5drMc5/pQB5npuueKdL+HmkeJ7zxdql5fWHiYaOYHlUW9xbi58j98mMvJjncxLZ71t+OPF+ueA/F3xYure/ur9NN0C11Sytr1i0UDMZQ+0cADPJ56A/Su3X4OeE5NFk0lra+ewnu/t8kDalchjcbt3m5L5DbvmzjrVy0+Gug2ev3GtrFNLqNzB9lmlnuZJBJDtxsdWO1h16juaBnmM2lwWHjr4Pa1Fq2oam+pxXck0tzfPcRzyNZ72ZQcqhI/uEDAHGeKxLfxhrl98D5PiTZ6xejxFa3rSz2jTO1s4+1+SbR4M7QpTAGAG5zXpdj8D/BuiXtjc2+ibW0+dprPzrqaRbWRhnCB3IVd3O3HXnrzVw/DXwyuqSaqulxLcSTrdyxxzyLbyTgHE7Q7vLaQ9N2M8A5oAo+KJf+LxfDy4UbXew1VCpIBxshYAHjOPxrY8PeKtY1K4uRrPhG48M2UMJmF9eX9vLC5XDEYU5TKjeD2wKz9Y0TWtZ+JvhXVFsYY9I0X7ajz/aw0konjVRiPHy4K811moaRZ+JLG90zUIFvtOuk2SwszAMM5OSDyM9vTimgOO8OvZ+IvHH/AAmDT26A2R0zRreSUJNNGWeV5NpOV8wjjI4Uc4JIG74V8VeINZvZotb8IS+G4lj3rPNqUF0Jm9Pk6VT8K/Bnwb4P1SPUtI8O2GnX8Yby7iCIq43KVYdemCR7V2HMYcjqeSwJGT+HSmNFqNd3epRmo7Zg8aAcHvmp8rTGA5pON2aQsO1M8z60wOD+KPw5v/FGoeH/ABL4fnt7fxX4emd7T7VnyLmKRQs0LkAkBhn5gCR6Vo6bf+KtXkhhutCh8LxROrzTPqEd28wH/LOIKmFB7sTn2rqvvDPX0OORSg9ADj15PP6jFMDy/wAB+EPEvhv4iePNX1CwtoNL1+6hu7bybsOY2jTYQ42DqOcgnB9ayvBXgy+8FyeO7rxfaaTZ6DrOqSatHcT3XnRRlmA2SKwUNyAxPfpXsTYVuMAewFR7hhk4IbhuMBu/I6dfalcDwnwnoOvzeAbTStEsdLvRo/iY3cVzFdNbW1xCkpfMKlTgMJCoUcKF4Jra+KXwTh8e6zoPifTZBpfibTbi3kmcudl7apKHMMpAyxUjKNjIPHSvWBGqqAgVR/dQFcYz6HB6+gpCAoxhQemcUXA8r1XwX4lk+N1h4ugtbGTSYdKOlTKt6fPf5xIJApjx1yNu7GO9Uf8AhXmvyfGrWvE93Y2Fz4d1fS49Lli+25lZE4BZTHg5BPG7j3r1uUBWwM4x04603YDz0PY8UwPHvBPg3xn8I9Nk8PaNaab4o8MxSu+nSXV+9rcWiM27y5QI2EgBJwwIPtVvxh8L9U8WWugaw2p2tv400O5e6srpoiLZlf5WtmA+by9nGeT3xXqUiBlxjA9OOP05quyjjb2pXA8n8U+B/EfxNudFtfEdnYaLoumXa6jLb2t4bt7qdAdi5KLhMn/61Qr8M9b8CeOtY8Q+C1sL/TteIm1HRdSneEx3I/5bQyqjYz3UgD3r1psBjk7/AEzjj8gKgk2MvQEejUIDy3xx4V8WeOPh/wCJdHuTp0N7q1sLSG0+0t5NmgwciTZuc5A6qKxPG/w38UeKvhDpfhtE06LWLeW2eSSS6cxKYCCrLiIEk47qMe9eySMOQQce+P54qBlU9u3X3pgeIeNLzw5/wmHhux1KK30zxFDdw393cRLJMfMZPKWFZAnIbPOSAAoBHJxb8M+A/EvwpvL2z8KwaXrPhe7uXvLe1v7x7aexkfJZAwRgyZJ68+1evTMSoUuWGMf1PPXk9TUD7V5Hp/CByfxBplI8g+I3gXxh4t03w5sOn32oafq6atLJPK0QyuQIlARiRg/eYk+1WPEng/xDqnxG8KeI7S3sRaaTBNBPHPekTSLKBu24jwMEevPtXp8mBn9D0qrJtXJwBj6f4UxnjHhLwvf6F4O8WeAIVj/tCNp1tPtEhjWS1nO6OUEA5/1m04BwR+NWfH3wlbx94b0WW5EOl+J9JeOSC6hlLx7RIrPCzYy0ZAzyOGAOK9TngjmkjlkjjkliUiORkyyAnLKD6HAJqNowuSB/3yMUAebf8Inr9v8AFR/EcMNp/ZMumLp8ixXTLMdrFkYr5e0jJIxnpXIXHh5fBOm+MLvxdY6XJpmp6jLe2iPP50YmmUgJIrIuNpP3h6+wr26Vfl/h56q3NVpJAuUDfL0K5446ZHc+9AHi0mjWHiSz+Huk2tymqWtss08z7mBMPk+WobPzKW3cZ9DXe+HPBuj+Dbaa30ay+wwSyeY6CV5Mt65cnH0rcEFtDM8qQxo78M0caqx69SB2zwKZJJnuKRSIZG+bOKrzNU0knzYyBVWbJGc0DKGo2NtfeR9ptoboQndH9oiV9h7kZGQeB0IrjV+H728sFlFeRjw7Bdi+isZId0kb53CMSZ5iVyXC4z2zXdv05FVn+fGeM0IDg7HwHqFpDYIt/YyCz1Sa/TdBIuUk3Zj+8QD+8f5gB0Wu3U9adu3f/rpCy9qoD6aP5VFIAaklbdULnFZsg8/8QfDG8l8SeINX0PWY9K/4SKyjsdUiltjcElAUEsRLjD7WIwcr0OOMVu6V4M0PQdL0uxtNLtPJ02CG3tGnt1llRIhhAJCM5HXr1Jqe48SQN4k/sW2Vrq7igFzeeWcLawsdqM57MxBIAB4BPAxWRD8SNLuviRJ4KtlkudUh086hczoMxQ4ZV2H/AGvmU4HQHJIoQmcp4V8G6n4d0DxT4Ls9Rm0CW4vrm/0zV4rcSf6NcuHZkJIVZEJdOvQg0/wv8JtV0XSrnSr3xxqGqaW1hLY29iLKG3hj8xNhkYIMuQC2Mn+Ik5JzXSfE/wAcP8O/BGp+IU05tUSz2s9uk3kZBYLncc4yWBJAPNbs8k0dr5scPmymPfHEWwGfZwu/p1/LvihknnS/Cy7vJNCtdc8Sza/pWhXEV1a2k1pFC7zRDELSyKcybOoGBz1JqHT/AAb4nvl8R/afFer6cLjVftWmzRrAZ44gMNERtK+UWwQOuFHIzivQNPuLqfTbO51C0jsr94Q01qlyHjhlOP3Ykx8w5698HFc98MvG0nxF8Iw67LYppjS3NxALcz71UwyGMNvIXdwpPp71LEUrr4ZxT+FdV0ltSvTNrCFdS1PEZubgFDGVHy7Y12EooUDaOnJzVT/hS2l3Wh+H7GXU9SW80J0OmarC8cV1BtXaEDBMH5doPZtuTivQpLiC3EPmXEMbTHESvKoMh9FGeT9K5CfxldQ/FQeE5LK2h0/+xH1b7c0xMmVkSMqykAINxbnJ45OMHCEQW/w9n1LVPFya9e3uqeHtZtILMadfTh0kCqweSNQNsK/dwFwdw3cHitLTfh7Z6esk8up6ve37WQ06PUrqZGmt7bdnZEfLCqCMZYqWbAywqe88SadpsaSS6jYx288hjjlluo40eQdVDFsEjI+XrzSteTyeJoEm1DSoNMTT2nmjnnxdBgy7ZeePJCZy/TkYzQBz8Pwd8NQ+A08EiO8udAicSwx3NzvltpN29THIACp35I6kZIq+fB76lr3hz7Y91No3hyb7Xby38wllvbxoysbtgDCRKzkE8liOPlBOD4R+J1142un1iyv/AA/D4Qs7u5tbyK4nK3cECErFdeaHKYlcZ2lcbSCGNdvH408NzafFeR6/pJsrqQwQ3BvY/LlkyFKAluW5HHbvQwOjHzYP3hjJ28n8utcD4U0HVrDxx47j1HS1m0XX777THeLOjBo1tY4ijRfeGWVs9h3Iq5qXjLSbzwjq2p6J4p0SGG3WSL+05Z0ltrWfjDSYYAnnpn6ViT+MNZt/id4e0BLu1l0rUdCuNQleK1G9pY/KVXBYsAuZCQuOvXNCAvWHwm0288F2fhDxLZrrWiaPJjTGa4lUyxLuMZlRWDB0+5zw2FYEHir2k/BfwTpGj6hpFn4ct7fTdQZHu7dZZds+3IVWO7cVAJwu7HqDVDw78TbZtN1//hIJrfTb3w/eLY6jMx2xsSgaGVF+9tkR0KqM/NkDOK1Lb4naBc6XLqcepRSWUdz9idlR963G4KITHt3+YSw+TG72qgLl18O/DV54dtvD9xottcaLayCS3spt0ixMp+VkLEsp5PQ8Zxzil0vwesPid9evCqzW9odM022jYuLW1LKzuSwyZJCihvQKoBPOa7fEjRG0ePVY77zrSW4e0iVLeUzyTLndGsOzzCw2tnC8Yrm9c+O3h20bwgdONxrMXiC9e3jmsbaaTyVj3CYlVUsJFIVfLI3cMcYGaTA73WvD+keILZbLVtOs9TtA/mCG8t0lXcM4bBHJ+Y49OOuKboPhPQvC0cw0TRdN0YTECY2NpHAJMZ25CAfdLEgEnk+1cuvxU8NyeKo9GW/m+2yXjackqW0htjdhdxt/Nxt8wDqM8HjqCKyb79oHwPHHeeZqF/8AZrK8+xXl2mm3Hk2s3y/619mEGWA5wfapA6zxx4Pv/FGoeFdQ0rUbXT77Q7830TXVu0qSsYXi2nYynpIe9XrjwyG8QWfiCOaKHVEt1sb7bDuivYMltjLnKFXJZecjLA7s1g6Z8XNA1iPXYYJNStX0q1FzPHNp00UrWxLATwoV3OvynoM+1QaN8QtLtvB/hIWNxq/iO41axD6bG4RtSuYtgczSFiiqQGXLMR1FOwHb2ek2djIrW1hbWzZO1orZEPAxkALkeuBjt9Ku2NnbwtvtbaNJcfeiRUYZPUEAH36+teA/B/4lfZ/h/cXWqXGpavfah4jvrPT7O7ZZb2crIVSPDthQqRksSQoCnnpnubjxVo3xI8G+ILZE1DT7/RmkW60+SZra5tZ0iZ1YtE+GUqVYEEgjpzxSA6/xJ4fg8TCC0vnZtP3rNc2WwYuijh0WRuuzeNxUdSBzjIO4GebMjAnaRk7TweSV9ug49K4X4P3F7qfwr8EXdw811czaNaPLcTZZ5HMYJO71ya4D4yyaZoHjPwvfzeKNS0vxHd63axwXDXEyWNva7iJImQZi2kAqMgsWk7AZoA96+0tnG9guMFd2O2CMHqMeg9vepGDW8YaRXixwMgrzjnkjg8Hg1m6zHJdRS20E89lJcK0CTW2BJFnOWQkH0NeK/DGPRNI+NPjLSfD9/qGm28Gm27PpepGYG4lEp8y5j87qgBRcjqS2MgZpoD3Z7rymDMzBmJK4POe59T/9YUkN/E80kXmqZEG5o9wBCjJJPooBJyff1riPFvjmw8M6L9u+0R6tcyXENnbWlrOjNNczOERNwPyDJ6nsDXmmi32oaP8AFz4q6rqXhyxmurfwrazTWVpeBor2PMrOxlaMHG1GUgofunGeM0B9EW8n2hVlikE0cg3I8ZDoRjI2sOMe+fT0qVhlWIbPGctjHTHI/h/H0rxuw+KGpxf8K30Lwz4M0/yvEWifbLSJr8xQWaxxqwiIEZJRQ64bBJ7gVQ039oDxDd6Toes3fhfT7TSJtcHh3UCmol5/tBmMW+FSmDHuUcsc/e4oA9v3nCh33HIBAI6ryeOvWob66itbOe6u5ltrWBTJNLM+I4kAJJYn5VCgZzxxznFeN6z8cNdXWNSHh7w9L4g0vTdVXSbm3t7G6kuJ2VlWaVJlUwrs3cI5JO05x3ybPx14zt7n406jdtour2WgOY4NOmjlEe2O2WYIACw27HOQwwze3FTYR7Fa+MNGnvrCzTVrM3GoQ/aLO3S4TdcxBS3movJ27Rnd09617jUILOzubq7mjtbSFHkmmnYKiIudzFuMAYNeJTX4vvih8FdTaGCyln0a/uDFbqEjQNZxOY0H8KruYAZx2xniu50Xxl4H+MVrfaRp+r2HiS2QJJdWcZYoyq4ZQ+QMruCkr3xjvQBtaD8TPCfibUfsOh+JtJ1e+RWk8nT76OV1HGWABI4yOfetO1sbTT4fIsbWK0g8xn2Qx+WoLckgDhdx54wB0xXnWi2mhaT8RPG3ihLG00nTPDtlFo4ks7YJhiBc3LgRrlsHyV6Z+ToKh1D41aXq1po1p4Qv47q+1jWY9HS6ls5QlmWVpmciQLuIRTjtninuB3virxZpXgfQbrWtdu003TLYZkuHVmx6AKMsST2AzV3T7wXqpIFXa6eZF0yRjO4HHp9cd8V8/wDxe8Ya8fBPxi8Ga5Ol/PpmkWt9Z6lbwiBp4J5VHlyxp8ocOGHyjHtXV+BvGHiHxl4R8QeKdAvI3t7WKa00vw7LboHFxFGyr9pYjerGVdypuAwwBJ6BWYHr87NChbZkgjK+gIz/ACx+dJBMS3UY4BbIxzx/OvnO2+ON/aeCtdvxrd1d6rE1hYnS9esI7e60q7nkaOSR1SNQ8WGDrhiMrtOK7GXxRrHw3+KEfh/ULzU/FWl3eiTapE62iS30M0MixyRqsSrvRwwwpAIPQnrRZgetySOzAqrOey929KyPCPjbR/HMWozaHeG8isr2TT55FT5fOjVSwU9xhxz061594w+Lkmp+GoYLLw54y0+C/uzZ3d2dEmW4gtwm+QoigncwyiscbSxbqAK5b4C+NLLQbD4iDS/DGuzWtt4gea306y0x1cRyCJFQKxADpjJjJ3YI4pPYD6Kku47XylmlWJpX8tFbgs2Cdo9TgE4HYZ6Vm2+tPfXmpWq2V5Ali6AXVzDshuVZQd0TZO4DO0kgYIIryD4gzz+O/GHwiuni8QeGEn1a9gaxuitrMoS2dlkC5YAnGA2fukin2mn+K/FWr/GXw3p/irVbe/sZ7RtGuFuADatJbGQRqVAARmPIAOV6460LYD26Jmb5yCB7qR/nFIzuuMqVBOPmXHPcc14h4M8fTeO9JXX11bUNCtPDXh2SHVWmmd1i1Layt5yk/vDEsLt82c+anpWT8ONd1zRfiPbWitqWq2upeEv7UitNQ1LzLnUZ0lUJPtdmWB5AWO3djpnFMD6EuLz7HZy3HlzTiBC7x28fmOcdlA6msbwP46sfH3g+w8R2Ec1tZXqyNGtzhXGx2QggE4OUPf0pngfXtb8RSyvrHhS78LNGyLCt7ewTtMp6lTGePxrgvgbdajp/7PemSaXpjavfwG6EditwLfzmF3NlS7DAIGT/AMBPtlAewqxMJKq0jYJGBnp1Jx0H+FTLHJMxHlySEHnAJI44zjpwCewIHSvF/HOt6h4isfCdp4g0K40TVL7Wmit9E/tFHt9QWOHd+/njUbI1J3bQCSVAxgkjkPCfiawb4JNc+JZX8R3Wja1qGn6dpMF67/a5mkZIIQc7mXJbaTnaq+uBQB9Ousz43eaSBvGcnjGM++OgPTFcd8QvHM/gFdDlGlrqEGpatbabLM10FEAlONwUA7+SenpXkE3hmw8C+EdB8P65ftqPiTUtahubvTWvStg08iSssExbcEtkEZ+UdfLHHNclJqcGofCe40m51GKaDTviHDb77W7bZFbGcbfLYsSqgOcHPagZ9ZahJcR2F7JYwRXN3GjtBHLJsjaQLhQzgHAz144qGxvJZLS1kv1gs7uRQZoVnDIspTkI3Gcdc9x1xXgF/wCDbXQ/EHxT8OaL9oh8Jt4XF7PardOYrW+HmY2sWLBjGgZhnk/UZp+ILGbWPBPgm/so9M8SC38Ixi78O6s+wyWxC757aY/dmBBU5JNJiPoa+/tldYjgsbWzmsZLV3E8s7Ry/aAR5a4VTmPB+8ufpWN8LfGEvjrwLpmuXltDp93ctMkkSNuRPLmeIYJ5P3V7V574R1bRb74zfD7UbFPsial4PkOLyQCVVRo9gcE43bAxzwa4D4N+JrOHUNCi8WxWR0eSW9h8N3uQ1vBdm5czxyZyBI6kFG4AVgOvNCA988F+Lr7XPFnjLRr2ztrX+w7u3t4WtZGYyxyR+YGZiBg7ea63T7q11VJZbO5gvUUlT9lmSXBHY7ScH6186+NtQ1AyfHKLQbky6kYdOkeOzkzM0AjUT7AuSTsBU46V1Oltolz8UPAWq+DDbpBdWNwmojTTHsa1CKYhKF4DK7YHG44PNMDqfCvizxD4q8CxeII7HTrqXUYwbWzhEkQVi5jzM7M2VGOdq59qi8CeKta13V/EWh67pVnY3+iSwBrrTXZ7OdJl3JtLYIbGMjtketZ3wW1zTtD+Cek3+p3sVlYRSXMLXF0+I0P2qVQpPQfMVAJ4561D4BsrfR/iR4nm0TWZtZ8M3VlFdTzTXS3EUN5uIIWU5LExKGyDwAvpTA7PxRP4hjWO08OW1i1zJF5sl1qZYW6DOAuIxnJ649BziqXws8az+NfDs11f2C6XqlneTabfWsbF0SaIgPtJ6jkVS8U/GXw/ovg+x1iw1O0uv7ULJp0zFvKDl9pldcbgq5Ocjk1V8F+MvBnhvwPcS2GqNc6Vpsi/atRaCTMs8pLOxG3czl2JPGPmAzxUgTax431e48Ua/pPhyKxkPh+0S4uvtqORcSurSCBNjDy/lXG/k5I471jeJ/iVfXHgXRPGfh+a0OjXslqk9jfWjPJiaZUkHmbxtKlmAwD0quupWvw5+Kvj+/1yZbXT/EFnb3+nXD/cuHih2S26erglflHOGHvjlJNEn8M/suabaX8KR3lq9ndSpMeVZ71JNpGeo3kY9qYH0L5KKrKqqEXj2z+Wf1pkEPl5CjGfenrOqyYYYOcle1OaVWYbQRQBN5nqPypG+ZQMfWiMetSfL6U0MSFTgAcYqfbTVwOBTwwNWhobg+1IRTzTW+WhjE3BV+biq8k23aadNIAuGORUcqoyjDZxSAa0hZgM8mk+bb707y1LBs9KbMXxgYx69qAGyS7mAX5agefyc7vmqR12Y5yfaoWhZ2JYcUAQyM7w+YCaAzumcmpNkiR+WB8vrTGLQpigBBN13cYqleSN5seGIHfFPmVlJZ+p9DUEitIyMOV9c0ARtuMjgMemRmo5maNeTVpY/mZ+MYx1qpdRtISONo96aAhbdNvUNwKqLJI3yiRsqcNxVtlZDlfxpi25Xcx+8xy1UBUeR45FTeTupkkhhUEnOasyW43lz94VQnjebGegoKQssgaM881SmkLbc/jU6ruUjOc1BMmce1AwXnmq93KYVzVtcBcZqneW5kjx1pAZdxcfLvZcH61RbezFjwfStP7MFOG+YVXmt/3m7NMDOm+Vc81CefnzzVyS1y3LcVBLb7W9qCynMpaPdUEjNt6Gr8kXy47VXaLb0NAGdJu55qKTOB2+tWZIevJ5qNo9vHX60ICvJJ8vHH0qKNywqy6gLUSptpgfTzdagmbbUzNUMgBXJ4qGQeJeBbzXzpvxc1TSrFdR8UN4iuoba3mcIu6NI44VZjwAq/MAeMcdDmuV8Er4l0344WNlN4NayuIfDMrSm41aGd5C9x5jXUhVerygArz1PYYr3Kw8LjSfFOqarZyxiz1fZNe20i5/fogRZo26DcgVSp/uA85rTfTbVbxr5baA3jR+U1z5aiRkDbghYdt3OKEJnh3xq1TxVqXwb8RxeKdG0/QI5ZrKCL7DqJud+64jMg+ZFwNq9s9DWNqWm6d4a8RfGnSbCeWKwTwzb3xQXkpP2nZPvmLlyxfhASTyWXgZr37V9H07WofJ1LTrTUYcg+XdW6SJkZGdrA84NZ83g/QG81m0HTC0q7JM2cRMgLA4Jx04HBz29KGQzwbw3rukXmteAtI8ZT2n/CMr4JguLIaky/ZJ7w4Wctk7WdEGAOoySM1xfgrTfC/iPw98EtLuprW4gl1PVEuLZrjYGQmYojgEfKSUxn1FfVN5pWlXC28Emm2U0Vs26GOS2R0hI6FFIwp/nUa2NmsQAsrVVjx5ZFumUx2XjjPHPtUgjwjVLfw/an4taJ4ghtLWSxsoofD9tPwyWYt/9HFqM7i3nfN8uWzwTXL+Nda1zTvE+jpqc66he2PguyXxLp4lC3FzbicvcxA5z5hXBIHUZHGa+qX0+G6nt554Fmmi3CJpU3Onc7cgnPfjpU1tDHG0iNGqkMQd6DJyuCDuHOenNAM+cvifrWhX/wDZuq+FNU0UraaHKF0W/gVLK/s5H+aBACDHPiPoBnkV2PhjUdHt/j3DeTQ2+jIPBUJubW4YL5DCVZDHITj51iUHJwxWvY5IwjQkRrlTlTsUBfm6jIx+A561aWQ4VlbavVdoIXr1GDtyevA/XmkxHynorrF8DfCl7Bb3raXZeKZrzW/7JhIuo4GluDHLjGWCmSMjg44PJ5rR8SaH4UutB0u90vT9Vv8ATtW8Y6fdXV5qsMkhvFXi4m8pk+WMKFDEgA8mvpxrh5vmZt/OSxJJPQc88cDuOwpomkjZWLsuVAVgcHBOB1z/ACwfSkNHzR42tYZvD37QNpZabOf7QNqunwx2EmJpBCE3QgINzCQY3A813trKLj41+EWhtbo2cPhN7Vp/skqxRzPLCyRlioAJVT1+nWvWmmdvlM3AA4Jxgdx1z+I+tMkk861ktRdSWbzK6JIkio4YBuUBHVVz2PIzVIGfO+vx6l/wknxI13TdGl1XT5fE2l2YuLezN29r9mhCz3McQ++8bNgdgTnB2nFHTfD95Nb+LrHWPD/jOxhvfFK6hb61HA32u0X7OojufkBLkNHgrjGJM8nivpjSdNstF063sbGJbe0twVSNXZypJJyWySzHcxLHqSfWmzzQxX9tDLPHHJLmGGOWRUMj4GY0XgkgKeBnoaBHzm2heMl0/wAHeIPEHhy98W2em3moRXNppcbWV9PBNs8nUDboynzG2NleDzzjJrpL7wneafcfDvV9G8D3Om2Vjr11fXGj2RQ3USy27RrLNvcjeW+/hjtG3J659lbWNPigu5W1C1WCyb/SpfPTZAx253novU5yakXUbKbUGsIr63l1ARrO1pHMrTCPC4cgHIXpyeu7nNIR86XfhfxzqvivSdRuPBGqSXeleMGvW+y3NvFp/wBlG7y3jj3fO7ZBeSQFyc/MQcVpax4P8U6j8PfiTpNt4W1AXeueJ/7Ss42MCeZbeZA+7mQAf6h+Ovzj1OPoeNg2VB54wuQ3T+HFWFj+U8793zEKR7ducnj6+1AHkGoaL4huvid451uPw7qL2Wq+FU0u1l8yENLOvmMEOZMgYkXk8fK3tnnfC/gTxp4MuvhtrcGg/wBqy6X4ePh3VdKW+hjlgbejidHL7WUsoyC3QAV7/I0UayPLKkaRqxkeQj5VBbIY+gHb6VU0vWbDxBpttf6dcw3thdR+fBPGcrJGe6k4wOD2yO4p3A8C8J/Cjxvolj4W1s6XajWtD8Q6jfnSP7QRvttre7vNCykbVdQ2AWODz0zXfaT4Nu9FsfiX4o1OBbK61+BpWsllEv2eCG0eOJJGXIZ2yzFUJALYBOK9RhX92RknPqT09COhrP8AEPhjSfFNrHaa1p1rq9qjmQQX0Ylj3bcA7W7cnikwPMvAfwi8L+Mvhv8AD7UNb00319b6DZpHJ9qmRQvlI2NqOFPJ61reNPC/iT4jWt94b1TSNLsPDtzeRyDU475ppWgjkD/LC0YCyNt2k7sKHYgnAz3tnHDZxR2tvEltawRiOGGMbUjUKAFUdhwKekzNluhLYI45/HHFIZyFx4k8UTeNvEek6dp2h3Fnb6YlzZ3E08y7bhmA8q7PRQwLsCOcRjOM4p+n+C77XvFCeJfFdrpsV0mlyaRDp9jI08ZilIMzSO8a53bQAgXC8nLZrsFuHebylLbQQflJAB/pwFHHTn1qyny8dz1PWmgPKfF37P8Aod14Va08IWOneE9YgvLbUbW6gtgEM0BJjWUDqmGdT7NnqKqWvw28a3XiPxdrWo6n4ein17Qo9H+yWlvcNFGUL4fJYHA8xm6ckgHgZPsW31oC5bOT+dMDyzw78Jte0nW/h1qL6ppT/wDCJ6TNpjJ5MhN3vRU35z8pxHH096zF+BOtweCLPQf+Ei0zzbfxIfEgulsJSS/ntMIsGX7u9jzXtfG3ANDJu5BI/GgR49/wp3UtJ8T63PpfjGfSvC+u3RvdR0aO1V5TK3MognJ3RLIc54JGetTXnwhku7rx8tl4ja1svF0bedZvZLKIZWgSBnD7gWGxThSOO++vSbzTTJIzq5Un9Khj0945FUAgf3l4pNsDi7L4UXdtrngW+fxCsn/CKWT2KxpYbRdo6qjFz5hwdiJ07rnvXoMdtDbzArEsZYjcY/lLAHOCe4pVsUXJDPk/7VK1uqKMZYj1NLUDM8I+G4vCulSWa3LXcs91cXlxdOoV5ZZnZnJHI4yqgei1B4+8C6d8QNJtrK/mntrizuY72x1C0YC4s54yTHJGSCOCT8pBBHGa21hFPNuN+T1+tPYDgdW+DOleI9B8R6fquralfXfiJYYtU1QCGOaaGMbUhVRGURMegzkk5qOP4IaRBqWuX0er6tBLrlgthqSQyQxpcAReV5rAR/64jB8wc5HpxXoaxeX05oa3Vt2U69eaLgcJJ8HPD2pQ64uuSXniO41i0jsLm7v2RZTbxnckYMarghiX39d3NanhbwLY+GdQ/tEX2o6vqQtBYJe6rMs0sdsDkRKVVQATgk4ySBkmuh8lem04+tSRxhelFwJvtJVt29g2ME7uODnP1/GsrRtB0zw9d6vcaejQzatetqF4zSk+ZMygE+w+VeOlaDKJO1M8td33aAMnxZ4L0Px5b2cGuWpuksrkXVs0crxPHIFI4ZCDtIJG3PSsm68MReDZdc8QeF9Ek1jxBqRjM9nNqTxRXO1tqnMhZEKL8q8fd4G2u3jt19KVY0UnC9eo4549xxz7UAcp4J8Hw6T4b1G11a1s5LzXLm5v9Wt4/mhkkm4KdBlVTbGCRyFzjmq+g/B3wP4Tv9PvdL8OWtveWCskFwWd5EVsAgMzdQBwTkjsRXaiP5du1QM8gDGR9aUqOcgc0AVLqSCe3eKTLwyBldQzKWz7g8fhVHwv4b0TwnYtZaPpsOl2bP5n2eDd5Yb+IhWJxnv/APXra8vdx8v5VKIx3H6UgMLxN4Z0HxbZxWuuaVZ6zbxyiZI7yIOFcDG5eODjuOtZz/CvwZdRyb/CujsHuDdZ+xpkSnG584PJwORjHPrXWbPZfxpVXacqOP7tAHM/8K18JnTptPbwzpD2ErpK9vJZo6MyqQGIIIzycenPXNXYvB+hR295bLoemLb3pBuoVsolSfGACw28kADBOa1396RHY84oAx4fDOkWGmNpNto9jDpjgb7RLaMRPg55UqcnIXk56AdqSTwP4bu7WC3l8PaTLBAcxRNZRlI++VGOMnnHStv73bmpYcL0oAz5vDem3Eyzz6XYzXCfKk0lshdFGRgHbwMHGKhj8L6PDF9nXR9PWHeZDGLSLaWIGWxtwDxjIHQCtszA8dDUTMpGelAFW30eytrr7RDZ28M5yDMkKhzng5I55HbNSWulWOmlns7O3six3OLWBIw+DnnA/H61YXH96nKw2nJoA4X4b+A7zwDo02jXGoWWraVvkeFPsJSQeZK8hVyWZXA3AAbe2a662tIrWJEtI47SFTxHAuwKABgADA657e1WlEXG/c2femyyr1UbR6UDKrWtvsKGCIpt27Si4APUdO55+tMhhjVGRQI1Yhtij5T68dvr7CrCoGzu/iqFo9rUAIwCxlQqtnBwRwSOh+vqep9eK858eeC77xx4dn0/+1m0uxlIee1W0EvmOrq6srEgryvTFelw7W+9R8kr5XLY6AmgRmus8hjZlGWGWqzDgPgnJ9Kmc9geoxUMfCcjB9e9AFyP72KeyH1qKIEr71IzHpTRSCNvmyDT8+lQthaVW6HtVDJt2KazbuhpGYFcjmmb6AILgSM2CflqtIrRjuK0BlmzQ0YPXn60AUl85h8jLn6VMUlzuLr/ALu2rAjUe30obBXFUgKhhk3bg/NRSRTN92Qf981e2imbdvSmBnhZ924yD6bahmt7gtlJgo/3a0OQccUxhQBmmGXAy6t/wGoZLOXeCJAB6AVpsoPNRuualgZ/kStnLrg+1U5rWc5Hmdfatd8Y4qtInzdaEMzhbyK2fMyKYyysuC9aDL6c1UYVYzPeOVs7pDVP7LL5h/etitSfDdzUBUAdTmgZneVI3G7bUL2rk48w1oSNls1G2M5pAUWhdeslRtnb1NWJm9qrN93GKAKz4LVUm5q23FVJfpTEV35yOwqsy/NmrDNyRUDfTFBZWmbbVWY7etWrhc96oXDcZpDK8lyBnjpVeSYE5zSSIzZx3qE5PagCwF3Lmom+Xg06Nj5eKR8s1UB9LPkZqAk7uOBnHrViQHkkED1xVaSZbfbIys4QbyqjJb2HvWRB4l8L/jFbxyX+leJtY1C91KbxNfaZa3dxZyGJCshEUbyhQilsYAPNdrrXxb8NaHqcVnd3N0sbXiac+oR2rNZxXTYxC0o43cgcZGeM5ryi18H+J28J+HNOk8LX63UPjZtfuo90AZbUzPIGLCTnAZRtJJ4PNWvCfw+1vQ/Emo6PqHgbSdWjk1me/tvFV00MqpDLKZTvjYGR5UBZVxj5jnIxTEzqLv8AaQ8EW91PC02r+XbX/wDZt1ef2XMILWbKjErFflGW7jsaP+Fy2kfinxrZX9ldafovhq3jea+eJSGZkZ24DEncAvlgAk4OQK850PSNW+IHgfx/4WtdJlS21nxbeiXV7iSPyIIROm9sFt5kHlkKNpyWHNbuteEvHel6l8TpfDlhbk62bWWw1GW9jUny4UjeIRsDtlP7zazYC5HNDIZ0svxk0Wx03xHeajp2tadLoNvDd3tnNaKZ1ilBMb4ViACAeWIAxzirnhH4jaZ4s1x9EhsNU0+8axGpQDUrcQi4tywTzEG4nG445ANeWT/C3xpJZ/EqGx8MWthH4q063toI21lJ5Y5UBVjKzD5nG92ZvXAGRzXoCeCtW1j4iR3epaVJbeHW8MDRHkS9VXRsiUgbGDAYG3dnPtUMEdr4m8MXXiTTY9Mh1K50a3uHH2qaybbcSQhWKxxvzs3NtG8ds9+K5f4I2Gqae/jPTX1S+1vQdP1drfSby9l82Tb5YaZfNx86pISgb1Ug4xUeseCdY8G+F59M+HNkDc38wa6n1PV5S0SBdrmNpN5VyvAOMKfmAJ4q3ovg678SeE5dE8ZaDpen6TCYUstL0m9lmwEyS7ygIc5IwOQSCxJLEAQMx/i1rFtoHxW+Gt3falNYWkY1KS5BuHWEolvuXMedpbc2Pu5zjite5+IWpppGl3n/AAjWo2t3qcxhtrG4ljTy4xGZPMnkAIgUgdxnJAxmuM+JHwGi8Val4X0zTNOgsvC+kwXmP9OkE0VxNtMcseVblHUN8zc9K0LzwT8SPEWk+EU1ibw/fXOnTudVgeeZrfUiVCxzPtjyWQjd5ZG1m6sKGIevxyFzoPhfVLDQdS1M+Ir6bToYIprdfLnjZgVLEjcDsLBvu4wciuTsvGHiLQfix4y1i08G3l3enQrCfUdLXUYx9lIMhcFzkM5xwqjtWv4T+DXjHw/pvgWzuJtCmg8N63cao3kzzwmVZfM+78hww81iB04C9Oa7C9+H/ieHxx4o1jQLjTPI8Q2FvZNLdCUS2ZjVl3qihll4cnBZee9CAZZ/Fo+MptPh8H6euq3l1pCawUvJzaLbW7sVjRm2sfMYg4GCODkiuG8SfEzw3rGufB/xrKP7Lsl1DUUuxdL+9t2it2R4CQMMd5IAxk5HrXY6H8Fb74f+INN1DwRNaGOLRotFubHVvMCyLExeKcPGCd4ZjlcYOTzWZqX7MqX1v4T0uV7O80PSheyXwuYHEt7NdA+a6lc7MEgrjkYXnimI6HX/AIoan4P0DRr/AMQ6ZYaFPq159jT7ZfO8FnmMurXLLH8hOAu0bhlhkgc1W1PxtenWPhxBq3hqxln1a8udt59r87+z5YY5CJIBt53IoO4kZ3VPYfDDx2vhLSNC1XVtE8R21iskFzHqdjKy38BQCJZc/wAUZGd45bAzio9B+BeoeHW+HsFtqqm18Jm5fZcWkjNP56srIpL/ACIqthOuMCkxnBL4gi8F+DvjdqttoGn6xZR+I282xvVAt5F8qBGyAp3ne3Q461t+KvGMHhL9oacWdvay69qnhe2sdPsZQI0ubhrl2Cuxx8gWPkZzheMkgHY1T4C6pf8AhHxpoUuuQRjxNqn9pyTrpz/uMsjNGq+ZgjMafN15fj5hij40+BN1471jWdU1TXLeK7v9Pt7KFrfTyj2UkEvmxzxMZchtxfI7ggdqQj2jTZNQGnR/2l9mlv8AaxkWzDrAcZ+VRISccdyD7V5X4L+NWta9420/QNStNNupL7Sru/a105HJs54GUC288s0dw211DMo4J/Gu60fT7qfwj/Z2satHf3c9u1tPfwotu8ilSu/buID4Ocg9a890T4DpotxoMknj++nbR9JuNEgWOG2gUW8qqB907tylQSd2TgcrQAeA/jVrfjTw9r2pW9/otxd2OkyTTaLcWc1vPpt4pysEsbSEum1WAYbcnrjrVLS/FHijxR4j+CMsWq22mRaxotxqdxZRWX7jzktoycKHGAVlwo/hPzfMa3V+GunrcarqOo+MLe51y90Y6D/acccEDi1JG9nUOfNkYD7xIAx93k1Ysfh/4es4fBDR+N/s03hWzfT4J4by1Q3Nsyopjk67TiNfmTB9qBnrSMNx7D3pkz7W5YVkN408N5JPiTRgD/1EYf8A4qqM/j7wkr4k8WaGv/cTg/8AiqAN1RulJIOKmSPcMDg5zzXNf8LT8Extg+MvD2P+wpB/8VTG+Mvw+j+dvG/h/PouoxH+TUAdgIxGeBjPXHepP4uOa4tvjh8OI8b/AB3oHPpfIf5VVb9oL4ZQkf8AFeaC2f7t2DQB6BtpF4rz5v2ifhkrY/4TfSm9Nruc/wDjtMf9oX4boAf+EstX/wCucMzfySq2A9EUleBSq/GK8zb9ov4bhd48Thx/s2Nyf/aVIv7SHw8/h1u6c+i6TeZ/9FUAen7iRnApFUcgfhXmTftFeBGXCX2qv/u6Fef/ABqiP9oXwc+Cp8QN9PD97/8AGqTA9OkHpilVR/FzXmX/AA0B4XPCab4rl/3fDV4P5xihfj7ocn+r8PeM5OMnb4cuB/MChAelsyjoQOM0LIu3JPNeVr8dLKTO3wf45k5/h8PSdPxIq03xshcAR+BfHkhPpoeP5vQxHpH2kLnsB1PpT5LgbQoyQ3TArzKT41OqkJ8PPHTH0OkxgH65lqGH4xagrbF+GnjhvT/QYR/OakB6d5y+YQePxo3iMkEEYOOa8zb4u6xJnyvhl4vJP95bUf8Atemt8T/EbxlYfhZ4peTOfnuLMf8AtSgD1Hcq4zz9CDT8Kx5rzBfih4qVwG+E/iAn1Oo2Kj9HpzfErxi6MF+EmrkHoX1qyB/9CpgepRyiQZXpTfMAIPYnGa8xtfiB45HA+E19t/6aa9aD+VKfHHxAVhj4VyDnPz+JLXH8qQHp0s+0bsgDOKkP5V5kfGXxFuG3f8KujTj7reIrfGf++akXxd8S9pUfDWyjA/veJIv/AI3QM9HYmNhnnPpU5cBc15cviX4nScn4eaOjHpu8Qr/8aqRvEnxS2AHwJ4dH18Qt/wDGqAPRRceWwXaD/vHFSwSM3OOa81/tr4rSSKV8G+G4h/001yU/+0KemufFsNtHhPwkn+9rFz/8botcD0iVcdSAfrQW2gjKgj3rz6PU/i2zZ/4R7wbGf9rVLn/43US6h8XWaVhpXgxT/wBhG85/8cotYR37TmOEsxGR2zRHcmQAoRgjPUV500vxbaJml0/wWCvQfaL3/wCJqe3uPi0IWzaeClAGBia8z/6DQB3cl4qKWkO1hT1uW/jXCV5vPb/FmZSzJ4JRT73lP+w/Fp02faPBieyw3RP/AKFRa4HpnnI2QMjFReYGaRWO0j361539j+LEMhAvvB31S1uj/N6X7D8V2m3jUvB64/6cbn/45Rawz0NrorIg4wW21LJcR88ruHbIrzCSz+LFwyBtb8JxlT1/s+4xn/v5Vr+yfirxnxF4SX1K6TOT/wCjaAO5kumjlUE49BVW5vJY5CoI49xXETaD8UZtm7xR4XUr0K6LIT/6NqN/D/xSkzt8WeHFY9xobH/2rQB6LG8ojVmYAOMmo3uPJ+bZv9u9cEuifFCTEbeMNCiwf+gGen/f2kuvCvxOumz/AMJ3oyf7uhH/AOPUWuB38khb5hkD6Go4pDG+GLGvPI/CfxOVWC+N9GUnp/xIAf8A2rSr4S+KXmfN4/0n/wAJ9f8A45RawHp8d0qfedQPXNSecGIKsCM4rzA+E/icOT8RdPHsPD0ZH/oymSeE/iU6qv8AwsWzQZz8ugQ//FU0B6LNdGOZEZlCt05oW6bfKuRsHfNed/8ACG/EmZgD8SIBj00KA/1pIfA3xHW4dm+JEee7f2FB/LdTA9IluGj2FVEg75yKsI3mKCCPzrzA/D/4iSNIG+JrgDpjQ7apo/AnxBVQH+KMy/TQ7X/CmNHpykdzik85eoOfpzXmv/CBePpPvfFi7/8ABJa/4U7/AIV748QYHxb1Af7ujWg/pTQz0ndzjP8AWjI55A/GvNI/hv44U5Pxa1T/AIDpNoP/AGWnN8NfGgzu+Lesn6abaf8AxFUgPSfcHI9aYzj1H5ivNZPhl4yZ8j4u68o/uiwtP/iKYfhj4wP/ADVzX/8AwBtP/jdMZ6KxO49v601mArzdvhb4vZhn4ueJOOn+iWn/AMbqNvhX4q/j+LPiY/7tvar/AO06APRi/GMEn0xUTE8nB/xrzb/hVPiTpJ8V/FDe4itc/wDouo5PhP4hZfm+LHi47em026/+06QHo7OPf8jUMj99rY+lecyfCPXWVSfin4wwOv72D/43VST4R6tj5/ib4yf/ALeIf/jdCGj0vcVGQG/I1WnbIyARXmzfCHUc/wDJSfGWP+v1P/iKRvg/dPHlviL42f66kg/9p0xnoMmfRv8Avk1WYPzhW49q89Pwdnzk/EHxrn/sJL/8RVaT4Kht27x340P/AHFyP/ZaQHoskZj7GomDehxXnTfBFG+/438ZP/3GG/8Aiahf4K2W3b/wlfi7H/YYf/CgD0Gbf6HP0qu3m/8APNvyrz+b4KWIbcPE/i7PvrctVW+B+m7cP4j8VP8A9xub/GmB6FLvXqpFVpSzdj+VcC3wN0fvrnio/XXJ/wDGqsnwJ0Bf+Yn4l/8AB5cf/FUAd7IGV8FGBPYiqrO7dRj8RXBS/A3w42M3fiAr/dOtXH899QSfBHwx/FJrL/XWLkf+z0DR3U3mdlY/hj+dVZo2ZeFP5VxTfA/wlt2mLUnH+3qtwf8A2aoW+CHg9fmFleZ/7CVx/wDF0DOze3kXrGw/4Cag8v8A2T+RriG+CPg1GwdLlb/t9n/+LoX4K+CVbI0Vv/Auf/4ukM7JpNqZ/h9aZ52ehX864tvgn4JiHGgRsv8AdM8n/wAVTV+DXghf+Zcg/wC/sn/xVWB9IfGTxXqnhPSdLl0q5FtJO8gkYxJJn/voHH4V4TdfHrxzHCxXWYwVbg/YLb/43RRWSIMO6/aC8fc/8T1Rhs8WNsP/AGnXM6h+0p8R1a6jHiQqqwbxtsrcEN5ecg+XkHPeiihiZ554c+OnjnwRBqFno2vyWttJPLcNG8EU2ZGRWZ/nRsEnknv3rSvv2pPigltIV8UsCq4BFlbZ/wDRdFFQyTOi/aj+KMjbW8WTYyq8WtuOB0/5Z1HN+1D8UhCrjxfdK7RZLLDCMnd1+5RRSAluP2lPid5Kt/wmepZbdn5l/wAKrW37RPxKuptknjPVSmPuibA/QUUUAaY+Nnj65n2SeMNZZT2+2P8A41tWfxQ8ZXO0SeLddIx21KYfyaiigDetfFniK4H7zxPr7/XV7n/45W7ps1/qW37Trmuy/wDcZux/KSiigTOn0nw7HqMe651PXpW9f7dvR/Kauj0n4a6NqUii5n1qUDsdevv/AI9RRQI27H4L+FZt3mQak/8Ava1e/wDx6tCD9n/wNcSfvNLu3/3tVvD/AO1aKKBo1LT9m/4dyR5fw+z/AO9f3J/9qVLZ/s2/DaWb5/C0D/71xMf/AGeiigGXbX9mn4YMgB8G6eR77z/7NVmH9nD4Ybs/8IRo5P8AtW4NFFAIs2f7Pvw1aRt3gfQz9bJP8KlX4D/DgHH/AAgvh/Hp/Z0X/wATRRQDJP8AhS/gCOPC+CfD4/7hsP8A8TTo/hb4MTp4R0L/AMFsJ/8AZaKKBD7fwJ4YVuPDOi/+C2D/AOIq7J4P8P23+q8P6Sn0sIf/AImiigC4fD+k27L5ek6en0tI/wD4mrDaXZQ7fLsbVPpAn+FFFNALNawW/mGOCNMdNqAUtuAyrlVH0UCiihgWI5HjX5XZfoxFLHPKy7jK+713GiikAk00g6SOPoxqJLiXav72T/vo0UUAKt1M7cyMfxpNzP5mXY5X+8aKKAJYVG1Bk/maXYBIv+NFFAEETea3zgN9QKnhJkj3MdzepoooAWNQ7fNk/U0xuVz39aKKaAfINy8lj+JoWiiqAcgDdaRZD7fkKKKlgSKobqM0Kdu7FFFICdY1bbkZpPLVlbIzmiigCJ1VVUBVH4CkZQvRR+VFFACKxbrz+FB/hoooJZMPl20p+8KKKAQkY3Lg80Ko8vOOfWiigohbheKdRRQAqqGXkZ4zTGJoooAdDTp1CtwMUUUAQr8zc809VHHFFFAAygU3+KiigB0ij0pjKPl4oooGgh+9U392iimhkcjHd1pq/N15ooqgJVJpyqPSiigB1MwDRRTQDGo2iiimUiNqjkoooBlWSmyKNvSiigEQt6VBNRRQMpzVFRRQBFN/q896qN3oooArzE1UY0UVSAWTnrVOSiimBXYmoXoooAoTGqMlFFAEbVVk+7RRSY0Vm+7nvUWTRRQihrE7ahyaKKYH/9k=)

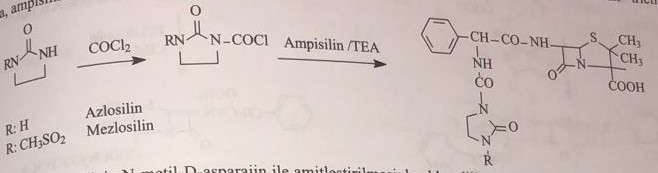
Активный эфир получают из апалилин 4-гидрокси-1,5-нафтиридин-3-карбоновой кислоты в среде этилхлоркарбоната и триэтиламина. Затем проводят реакцию с ампициллин-триэтиламиновой солью. При синтезе пиперациллина в первую очередь получают ацилированный фенилглицин путем соединения аминогруппы, полученной при взаимодействии 4-этил-2,3-диоксопиперазин-1-карбоксихлорида с фенилглицином, с 6-аминопенициланской кислотой. Это ацилирование происходит с помощью реагента переноса имидазолинонкарбоксилацила.

![Diagram

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4SKuRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjIxOjQ3AAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAMwMAAAkpIAAgAAAAMwMAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NToyMgAyMDIzOjAyOjI2IDIzOjU1OjIyAAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAEQEAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAaQEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A77eCelSBhjtWJoBYY6U4OvTFADtwpNy44FAAHXOMdKfuGcUwE3r2pwZfSkA4uoHTrQJFPamAeYuOnT2qQSADpSAViBzjrTSw7r34FAASMgYoMnoKADzBkjGKhnvUt2wQTwThccAdTzQBAmpwzEbQcE43ZUgH8DVhWUr0pgRNKo7cU0Sqc8UAL5y9MUu8ADgUANaX2qFpuelMZQuL7yruGDYf3oJDds+lMuZvLgkl2ltilsDqcUwMltWkRwJIk2EAlkfdgEE+ntVlmYjIoA6Lg9qTcqnqBx3qRD8+1Y40t3dsTKSIxGw9Tg/Mfc55+goA2wfl6UcelIAzincYzigA49KUEelMB2RSDp0oAcPpTgQOopAO3Cjdz0pgLnmmFuegpAKduOnNUopEN9Mr/wCtxgA9Ao9Pz/zigB15JClowlU7Dxx19sVVWW9nsOI0SRk+Vt/JP0xx+fFMCq0V79rjePeIBtLI7gnPzZ5z/u+tTXC3TvEQpVBuDrG/OeNpzxwOePegCOzjv4j++w/yKG3v1fncw9jxxUMlpqRlJS4by9xIy5yoyeODyOnv+VMC35l1bWil4kkKINxMpyTjnsajuZLpIsiOFSSFyXLYycZxgZ/OgYhtIyn7weY+D87defT0/CsuTz0vTCWeS3jRX25w2ST1PccD/wCvTAqHUo32B7dPLkVW4O7APqMdau5DIrL0IyKAN55VjRnY4VRkmqO1NRkSZTJH5LEK2OvIyPccYx/UVIix9uGSghkMw/gx/XpioVu5LWcieP5ZWyGQHAOAMe/T6+1AE39pwtGGhZZdxUKVPy8kAc/jVdtaYTpF9nG55DEvz8bgBknjpzwfp60gJLDVftrqBAUDKTkn2U+n+1+laW/tigBwORVTUGuUQvbAsRE+FxwX42j86YFa4OobpTCW3hj5YGNhXbxnv97/AD0pkx1QMxtjIR8uzeF6YO7Pv0x+HvQBMs17G8jzB/LQZjwPvcn73GemOn+NR21zqSsROjkSgKhwPkJL89PTZQBIv2+KYF5Z5YwWyuxecHjoO4rQsJLhrf8A0pAsykhtvQ+hH4UAWd1IaQDd2DVaeAyzRyoF8yMn7w/w/wA8mmBl3t8HZI7hP3Xn+XlAfmOQpHXpz+Wa0Eukk08XSo20pvC8ZoAzYtWhB8pY5CTJjJHQlhwfTG79K080AGaM0AZ9/fJ9mMcBEskhKKFPf3pt1HeXMCr+7iZXDAq5YceowOKYAqXSxIvmRZCgHKk8/mKpOlyL8nzYctGB/qj2J/2vemMf5S7MOqEnOdq4BqNsKMDoKANW+OLRvTcufpuGanjkjkTKMrDpwakRUtsDUboM4JO0gbugqzJcQxDmRBkZGW60AMsIj/ZtsjjOIVBUj2FWPLj5BjU5GDx2pAOCIGyqAH1A/wA+lKZDngcCgBj4njKtvAPdHKn8xg1TnhigVSftj7jj5bp/5FqYEUk+nwyqj3NyN0YkU+fIQQSB6+4/OlF3pp6Xs/XvO/8AU0AO+1WSsA15OqldwYzHBGSP5imyXtvEzBprvapUbt4x8zbQee2RQBLNCmpQXNjHfXEcgQBjkZXd0PT+tXNMsjp1qIDdXFzj+Od9x/OgC7zimM2O+aAKl7qC2SKzIxRuNwHA+vt71bjI2A9cigCu8MEl24aGMkBX3Fec5P8A8SKc6RQ27LtVYlU5UDjHegDIa5tf9bNahdwEm/YPu5GCf0/Kr5bigBN1Md8D60wKlpapbvvDFm2LGMjoFzj8eTzVveSee9AyORsdKxrmG4kuJHBbBZdpD4G3jK49Tz+dMCj9gvi6lp+AxJy5OQcYH4YP+TV5AyQojcsqgHHrQBvZyKrfYY0k3RO0QIwypgZHoPQfSpEPEEXyAIBsOVI6g/5/OobXTILVRkb8MCoI4Xjt7ZyfbNAGgJOKXeM0gFDgtxT8igBuQKhngiudpdQSuQrd1z1xTAZJY2sgAkiUgEEexHSo00qyV2byydxBwWPH0pCHf2ZZYUCAAINqgMRgZzjr6097K2bapjOAFUYYjAU5X8jTGTQwQ27hkTDY25LE8VYEgPtQAolzUN1ciC2llxu2IWx64GaAI4EmdmNz5Tj+EBelQy3E8d2LeGRP3nILDlOv59KAHTWWMSwzMLgdZGPLD09h+ntSRyXM7GOaRF8vG/YPv8e/Qfz9qAGvZ2qqoEQwvCjJ4Hp9OBx0oL4/GgBnmc4p+7PWmAm5RzQXBHFAyLIPWoZcYJHWmBA2cdagegDbDDFBfjOKkQCQHtTt4PagBdwPancc0gE3D8aVX4yaAEPzDINC8DHvQA7ctA5PtQA7AxQo96YDgOaMD1NAAThc4qC5jNxZTxLjc8bKufUigCKC8DzGBo3jccgH0/z+HvUUrK9/DcQq8ixkh2QZGMMOPU5PagCaXU7aNyhyW2hwBj5l9Rn07+lJaF5DJM8ZjD4wD9KAHsp7tmoivvQBGwI55NYu/V4ZUjUhvMcsCQDgcEqT2x836UwESPWXDFxhmJyMrgjkD6HpUlvbanFdghyIN5JXKnIyPx6ZoA1W49s1E/PApjInqu9AG0KMZqRCgAU7FADuKd1oATbzRjtSAUcdKDxTAOCaXPNADgTRmgAJNKDQAZpM4oAjlhjnwHjRsf3hmpVwqgAAAdhQBE1tE0wlZQzjkEnp9PTrUhPFAEDnnjpULHFMCJ5AqlmIAHUk1CLy37zx/wDfQoEWQTSnNAxjdMVA3FMZC/1qvJQBqSXcUBw7EEqWwATwO/H1povoSufM6ttAwck4zgD6VIh8N3DP/q33cZ6H1I/mDSTX0MDGMtmXaGCAHLZOBj8aAAR3BXLXbqx6hVXH4ZFOtrsMWhdv36NtYfqD+I5oAma7hRirSqGHUE/T/EfnSLeWzSBFnjLHoAw57/1H50ATg1T1K7NtbfIT5r/KgUZOfb/PXFACC3mKA/bLgNjkfJ/8TRYXZubf5j+8Q7H7HI9u3+OaALgY+tLvoAA+aUvQAoaqd9PNF5XkvGu9wh3qT1/EUAZ6a3J9m3nyncNllXsg+8eCf1xW2sgZQwOQRkEUAI8m1SQCcDOB3rGk1p1SNtsTB13fK33eV4P50wI5Naz5uwIBHIqbXOGYHGSB9Tj8DT7bU1nh3MrBu4Ckgckf0oAgWS4uLsxTKVhRiwZV4fB4B9COvvxWiQGQqQCCMEUAULKe6SYxTq5iXcEcL1G7Az74/Ckl1KUNIA0S7ZNhVh8yjIG489P8RTApNq16yvhFxhiroM4wDjI9DgEGr1pPLLHIZfvByB9KAHue1VpGoGaMtrFO4diwbaVypxkHt+lV/wCyoFkRlLKYzuQrj5TjGfyz+ZqRD006KN96Mwyct6nlj1HP8Rp8lrbp++cMxjwQSxJGMnufc0AWgQR1qBbeGeRrhS4kJIDg49vy4oAGsQWB81srJ5i57NjH48Z/Om2umC1jjjSVjGj71BAzk9efrQIuSCYtGY2UAN8+RnIwf61WuUX7fBJICVI2of7rdf1/mBQMs5PXNUREx1GV7dvLwMSMRkMew/Dr/wAC+tAhty1ytzBC0rskiOSYhtII2479OT+lV4H1RTLlXc+Udm7jDbm/ptoGStLeqcwmdgR8gePq2RkNxwPf3PtUJutUAj2iQtgbwUwA2GyAdp4yFoEa9vJI1pGzZMhQE7hjnHf0qBptS4/0W2/8CG/+IoGRm41LPNnb/wDgQf8A4iquoX+uRJGbTT4ZGL4ZfOJ4/IYoAv29xcvAjXEIilP3kVtwH44pzPzjbQBEMLHgL06cUzgMzhAGI5OOtMRWubiSGPzV+6pG4Y6jpUZ1MLEZfLm2YznyzQMsWskj2yMzFiwzn61L827OB70AZ810lvfSmQkARryFJAPNDX0TcKxZgSCqjkY68UwK7alAWAG5mK7lAH3l9fpxUVtqEV5I6x5G0ZycepH/ALKaBnQK/WlEnapELv7VWvblY7dh825gQuOvTrQBDbWUb6egMk0bMmcxzsAufTBxgdqn0u432aIfvIOR7c4P5UCL+8etOVhjk0DHeYPypkypNEyFiM8gjqD2IoEZzacRN5gvrrOc4Mpx+WcY9quwIsMQQNuOSWY9ST1NAzN1Ge4ivg8YLIsZ2kDO1jnOfb5R/k1LZXzyytHKCGyNvH+yD/U0CNHcOlGaBi7gKA2aBCZ5oyKBjajZgKYDWPvUbEAYoEZeqM7x+SoO1lJOB1II4q44VoGTbkEY20AV9LeRUaNgdqgEEjHJ5I/CtDdQMzpoY5ri5i3sqyoC4GOcgj+QpBZwx4KOykFiCMfxdRTArmwtiRw2VGFOcYHPA9uaZHbwW7ExJgn39ST/ADJoGbuVFG4elSIPMHpTJIopwFdc498UASrsVdoAwBgCmQwwW/8Aq1xkAdew6CgCcBeopSy0AAYcinArjr0oAPlKmom4IoANwY5BphiQyLIfvqMA0APzk9aduUkc0AB5A9qPTmgAxnvRzsxmmBGQQeWqNkycljQAhJxkGmNzzmgCMjJpwAx1oAeigZ5608Ac4oAyZbeW6neeC5aFc7BwDuAzz+ZNOiLwS+TPJ5m4blc8c9x/WmMmYqORVdyuelAGxgUYFSIMClAHagBcD0pwAoABwDQAM0AO4zQF568UAOxxj1pu0YIoAj2AdKCvOc0CGleetIFwetADx9aQ8nigBMHHXFBB45pgNZSf4jTcH1NADORkZ4qMg+tABg7etGD60DHge9PAIHWgDLt2NrPLbTuAi4aNiQPlPaowPtWp7gwMMC5XByCx/wDrZpgXGRaidVoGau6jNSITNKGoAUH3pc0ALml3D1pgLmjdQAoalzQAh+7TM0CE70lACZpd1ABuFJuoAQnim7s0AMJqM0AJu560oNMBwNPBoGMdVbllBx6im4UDAAH0oGQseOtQOaANWk7ipELRTABTvSgBab3/ABoAfSDrQAop4oASmnpQISg9aAG00UAAopgIaYaQxDTDQBH3pwpgSDpTh1oADUR6UDI36VXagD//2QD/4THkaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLwA8P3hwYWNrZXQgYmVnaW49J++7vycgaWQ9J1c1TTBNcENlaGlIenJlU3pOVGN6a2M5ZCc/Pg0KPHg6eG1wbWV0YSB4bWxuczp4PSJhZG9iZTpuczptZXRhLyI+PHJkZjpSREYgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdG9yVG9vbD5XaW5kb3dzIFBob3RvIEVkaXRvciAxMC4wLjEwMDExLjE2Mzg0PC94bXA6Q3JlYXRvclRvb2w+PHhtcDpDcmVhdGVEYXRlPjIwMjMtMDItMjZUMjM6NTU6MjI8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAMCAgMCAgMDAwMEAwMEBQgFBQQEBQoHBwYIDAoMDAsKCwsNDhIQDQ4RDgsLEBYQERMUFRUVDA8XGBYUGBIUFRT/2wBDAQMEBAUEBQkFBQkUDQsNFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBT/wAARCAErAtgDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD6t8vd16Uxod3GOKb53y9aX7QdhwM15x2j44QDjpUotY/LJAOT3zUPm5U544zU1vMJYvmO3FFgHw2sQ5HXFKI1RsAbqI5VGQCDSFtvJ4Bo2Af5KHnGDTZLYcNSrKB1NJJMPXilcBm1WYjp7VPDbKmOKjWRWYbuKlaRV43YoAc9uGUjoKVYRGvc0gcD+KniTj1oAXyw3JGDQq/n2pfN7VE8wUDnmgAa3Vmz19ab9l3Nk8VNuC9Tz3pWcBc5oJGSxIOvXHFRx24XHOaZJO21imC3bNSecUAMmAwXt61QEjQoyg9+9LDH5anJzUMdz5iKx4GePepo23d6CiTYrZBHHalVQqgCk46Hioo7gvJIpGAvQ0hMe8CyqQ3zD0pscYVzgDFOWQetOULtyD1p2sIatuqMWQYLdae0W2orqfyvKx0JxmpFnUpkt0oABarIo3DPfFSCBWYDGBTRc7cEDPpTVmLBSeMmpYE32GM9qRdPjVgQeactwNuM+1SK/wAuc0AK0YVcdajW1j3A7enSkkmB4J74oFwka9Rn61QEi2o54B3djSx2yBeByPypi3SbQ26n/aEzhWGcZoANi/WlaGNo8FeahmkGFCuFOeuamDqu0F9x9RQA2O3jXgDjr+NTRwqx6fWqkkxXODzU0M4GMnGaALnljbTo1BXHQ1F5qsvJ4pn2lYm29+3NIB8yHgHkd6jFpGF2hc+9TltynjmoJJNik+goActmhYnOaRVRWwFwO1Mt7gNCCT1qFriSRMqBwelAE88O4AJ+NRx2xXlsYqxHKI48sVJxUcM/mfnSuAn2UNkH9aYbVVJwvXrVwsOe3FUobrMpRuMnimBPbwogAC1NJ5bIQy/N2NRxsAcE4pkrAKWVs0mBJGqR87eTSiITZGN2e1U1vNkio38X8VSLc7WOHwQexpoB66fDDIWEe1wMD2p8jN8mxcg9arSXxSQ4fcCeSasNcI0eQe3WmBK0ILAg49KTzF3AEZIqNJt0fLYPaqq3SLknGSQA2eOaANJZF3E/kKr3ESSNk1k/8JhoUbbJNb0yNx1DXsQ/9mpjeLdBY5GvaWf+36L/AOKoA0/ssTZ281WkjWOP5eDVC38U6K8oRNc0t2dtqqt7ESSe33quSSDYTk5HsfXFICKGNnbcVwKn8vb2qOO8KRgcEVaSRZMZ4pgQFQwIxUXlrG24DBNWZmWM5BqtJMG79aAHbvxqu8EW7OOaia6VCec9qbJdp9DjNAEohjZs7clad9ljbLY5NUVutswOfkNWlvFIODQMctrGy46VYCqi4WqpvF7GkN2vc1SGXJI1kjORkVB9kVWDKciokvFPIPApVn3SMAeKYErwq0ZXOKI4VhjAPJpWcLjJqHzvmOTwKALfpio2xuOetVPtgXqaj+1DzDngUATuEY88U1kU8dBUbThcN1FVbq73qQDQMmkVenBqGRU25FV/twjXDCmG8U84qihzbeen41C0iqcngYznFPR/O+5gH1Y4FebSfFzTp7qMDTdRNjJdC0hv/LTypJC20c53KM9yMe9MDv5GDcg8daozbs8mm/aM4yMHsTkH6EVHLcn04oAhkJLYBY1XaVd23eM9CuRmp7hv3ZYDOBmuF1rxpdf8JI2g6NZ299fpAs873kzLDArfdyAMk00B2yuPTnGcd/yqKTEnI6eteWal8SvE2n3unW8+j2cDXOpf2edzu2zK70lQj7ykA8E8d60rHxdrVx8Qb/QbpbNLa3tI7tWiVxK+8ldpycfKRj3zSYHbyMF5qszhs1Xad5hg5Xb1qMs0cdICRyG4zRVHdu3EmigD1lt+4ccUFm6VeKDcMikaMdccVkQQecBOV6rtpVuFXCgGpGjVskD5jQqDuPxoAVZvmGzOfpU03zdfwNNjVemKeBnrSAj3bcc00OWVgfXNWTgLgilhjDEcd80WAqrx5hbPy00XMMjyQ+bG0sYy8YkBKj1PPFcR8evEl/4V+F99caZcPbX11cWunLdR8NEkzhXcHHykKTg9jg1zPxs8P2Pwx+HsOueGLWHSdZ0O+tRb3dumHnDSrHJHMw5kDhvmVt2SCRg07CPXPtKbipliXbkkFwDx179qv+dGIso6vjGSrBsZ5wcd8V4f4X+yaX8cfip9l8Jy6mHlsY2WxitwF32+51bfInDsedoPetj9mSztofhPZz29vHALi+vZJNsaqxxcOq7yvUqF2jPanawz1ZZW3A9qbwoDYJOetW1VcDimMvQYqAK825ZGwc8VGJDtIyTVr72cinLGu4YGaBMqJIuGyDxSXVx5u1E4fGST6VbWFdzEimNCjc/xdKYFZY2VUBbOKsRs6yg9BUyqu3PUU5cNQGw5pPl5qkzsrPu5J6VeZfbNNaNWbkcUhEUMi7cHg4qD7Q8eASeDVpoVXtxSqgIxjiqvcCCRmkVOOjZp0bAtIqjAzmrIIK7cc0bAuSBjNAEDFztCHkVIGLMu7+GpEjG0+tC4XgjFIBIydrZ9eKfGSigE5FSLGMUxl5xTArRvhmI5+bPNQSYaNwfvlsitJQoHTmo3iU/NjmgCpAxXeT1I4zUsKtxIVwcYzU3HYc08/P369RQBVvYwIY1Y5+bPGeakLOpXBAX0qXb83POOlSNGrHJHPagCncNI2dgz0/nVpWGcHsM1IY1YDK0qhOu35jx+FICOSURrwTnt6UnmKFRpF+fParXkpsHy5NKIhjpmjcCeMnj0x0qC+bchQd+9P3FVHHNBUMQSKYyvbxur4fDKVwMdqLiEQx5HynNW0IxnFJJtkUg4pCKdywuI4o1Pznripre28luWwW7GpIkVVJABp+3eQc80WAiuEeQEbgPpVQQ7XXBy2avEBjwc4oUDdgimBHIu4fPwKrwtlpQG+Vau4B4PNQPCu4soAPepYFeb94yfLyppI0UrKTgelWNqlgCeac8aelIZktIVjiGRt3kn3q55h2McApjirZtVkjVfLAA700wpEoQ8qxxVIRXa5z5YwF2rnP0rhPiZ4gudP0MaLpzCPWNal+wWsqkjylK/vpiBzhVJ/Egd671Y17r8hOCzdMe/tXAeC4R4y8S6h4ylCvZtusdIGPu2yt88g95HBP8AuhaYGdrXw70bw/pUMGj+C9F1aW3CoRfbYztC8sXKMWbIH51ztr4f1CaSPb8J/CBLn+K8GQPXiGvcvJikyhUFevI5pI7VVkAGOOPu4zQB5lb/AA60nXtJuLfXfBej6JJIGiH9mhWYKQRvVwoII7c1ofDvW7u40y+0PUXD69okqWV1Nt5uE2/up+vSRQGz/eDV6I0KSYJwO3/1682+IMB8H6xYeN7KNtlogstXiUZMtix4bA6mJyGGOdpYUCOtjUiMdQeDzV/zMgECo4Zo540kQiSN1VkkByGUj5SD3BBzT5GG046rzikMhuJFkiLBqorL5u09uvXt61yWqeNL+78ZXfhbQobRrixgWe/vb1S6xbzlUVVIy3HTNc5438f+MfBegeIr650rR5H0ryJY5gsrQ3MUpKtg7/ldWHK46dOtUB6HPzkgHru/Co5m3MMggbcVxnjzxl4h8Kx+E5Y4dPmGr30VjceYjrhpF3KU5xtwGH1r0CAfLtZcMuQ3Bxwff6GkBVjbc6gqRxiptwG7A/HtU7KGkRcgbiB68f8A6q840XxlrPxAvNQm8Pvp9hpNpcNaxzXluZ3uCpwWyCNq9elAHfqq+SFJwVqEyhk9HXt3x6/T3rzqf4keIre60bw5PZWtv4q1CW4MjbGa2ghidv3qLu+bK7cc9T3xWkvi/UvC/jHSfD/iWS2u7fWQ66dqlvEYf3y8tFIm4gEjkOMg9PpSKO1huDtOQeParsDbWLYwc4H1/wAmhFOB+7z+Yz+NcH8XPFGv+CtFtdZ0SKG/aO5ijm0uSBc3KOeQjE8N2HqcVQHoFzIQ2DwwJGPp1quJDuY9R0yORXnEnxIbxTpPhjWPDWpi2sdQvhZXELwKzxkozsrBuVdWTbyOar+CvGGs6x4h8Z6RrGu26Np14LOykNvDGwRk3CTb/EeRSA9NOXjyoJx1P41F8wc5HFcT8F/FureNPB66nrl1Hc30lzNGcQpEBsfbwAPQD869DUKQBj8aAKDq6471WdX54rYkVNvb0/n/AIGqbY3EYp2GZzKW7VGynao6VfZRk9qzdc1mx8Oaab/UrtLS0U/6xv4j6KB94+wqkMmtlZWABw+QwGMkc9SOuK+dNbhn8C2t/wCJvCl/Hq3hKW+P9o+Gb5t5hlMu2Qwt2beM7e2M16voOva94wv4ru1sY9M8Mrux9uGLm4JBAYKM7Fzg+vHSr8nw38MNfNef2FZLcu3mNIkQUl8kliBxk5PPWgZPahpoo5ACNybgCc8cc/rjPtUphlboMjGcjmuW8ReFda0/U59X8NaoYrmUh5tJv2LWlwRgEqQMwvgfeXI55xzSaB8SLC+uZtP1SJ/D+sQKZJLHUSFwAOXjfO11xk7wScdqBHUyRs8ZTIO75fz4x9favH9T8nwD8WNR1fVi1to2uWcCR3rIxjhnjyDG+AcZHrxk10F94s1H4hTyWHhiZrLRSDHc646ENLxysHr/AL3pXYaVpaaVp8VkJpbhYkEe+4bcz+xznk+v4UxXPHPipq1l4n0rQtkFxcWMetW7CVEcGSMA73GBuCjP6VBZeGrbS/iZcQ6fDqUdjdaKkBul85lEnmsxVZnLYO09vXHWvZ5H2qyxEoijlQSNvfHfj8KrX1nDfWUttKGaKVCjqr4OCOoI6exFGgziPhu1yuh3NpeeeLiyvJrfy7qQSyRqHYqNw6jaU59q6xow4x2o0nRbLQ7QW1lD5cQ+cbnLMc9SWPJNWJMdutIClJaqvIFFSsxFFBdj1nfux604P+NRgd6cvesTIXgc0K3rx9TQw+WiP5iAO5AoAYu4sQqsfXAJxShjuznODzXK2/xE0yT4gyeDrmC6sdZFt9rt/tCoY7qIkjMTK2cjDHaecA8Vp6L4lTWtU1iwWwurV9LnW3lmm8sxyMyLINm1ifuupz05x14oA2/MyRUizFSDjoc1Ht9KORx3oAzPFGg6d4u8PX2iavB9o068Ty5UBIbg5V1PYqcEHqCK5tfhzNqLaXF4g1641/T9NlSe2tJbdIllkTJjadgf3m0/MBwCQCckZrtWU4LDIK89cdOa5Lw7fXtx8RPG1pJPLJbWy6f5UTPlYyYnzge9MTDQfh/c+HfEXibXYvEFxdXuvNHLMs1uqrBJGpRCmD2X19at/D3wSPh74bj0NNSk1S1inknilnhWN08xi7rwefmY108anbkinFNwxRcETRMQuc5xTJGbr0pY4/l4NS7crjrUDI1bd7GpM4XNRrHyfSl27uAeKQDfMOadvL9sGm+WN3Wmsx3DHGKYDmUrtPbvT1k29TTGZmwM5oZTQBOsnHHNLuPQjFMjQ8ZFSMoFIka5JIx0pVO3rUe0rnacmnKrFeaYCs3XmkM21cGjHamGHd0NMCdZBjrSM/zZpscZ2k+lI3r2zjPb86YFjzjt6UK2artJtUE8DGefpn+XP5etP5GQQcr1GOnufQe9AE454qOZiT6CkBO7Hfgde5zgfXjpTHY7iD1HUd6AFjBznNSyfd+Wo42ABGe/+cetSMCMjByO2KAI4snPPNTMx/GmFPLbbkA52nJHByBz+YqRVyBnjP8AXofpQAvmHGetGe/ekX7pYfMgOMjpTmUEZHT17fnSESLMOOakWT5cjmqu0jjv060Ip5IPTimXYuiUbfenecNvPSqiljxjPGeKHG4Z3D8+OuP6GgWxaWZNmMVC0g6jpUat5uMEdM9aOWVD0oELHMRnPSrCyYGRzTPKBwQOR2pzRnHYfSgBV+9nNDDLYzioljMeSDmpI4dpLlufSkASN5ffmolk3A80txzjHNQlfwpAMkbDcHmrEUh4BFV/LIbPUVYVhgdqALbTeXH71WkmDKB3pMtI2O1QtE3mcdqewHHfF29uNP8Ah7q0lq0sMJ8qO7mhyZYrYuBM6/RC30GT2rW03UNJ0y4sdDtp4Uk+xefawxghWt1KrlexAJ/I1tTRJNBJHNEs0ToySQvyrqQQVPqCOK8Zn0G+0aGbQLJGk1/wnINS0Bm5kvdOOVaAk9TtJiYHusR9TQB7RuKHPSmLdFWw3IrO0HWrXxNo1nqunP5lndxiZRn7ueNvtgh1Oe6mrew85FMCW4vlHArFvte05tQXSbmaNrq4tpJRayKSHiB2sW4wBzjnrzjpV28kitbeaadljghjMkrucKiAZLH6CvC7zUNQ1Kzk1OMOuveLpPs9ipxm0sF6t6j5efq/uKALPw1i8X3FjeWuh+Jra38P6feTWWmm709Znkt0PynduBwCSo9h6V3dlpPjqO8gluvFGn3Vurgy266WEMi55XdvOM9M4rf8P6PDoel22n2sfk2ttGsKJuznA6njk1pMvQD+eKAPI72OT4c/F7Wtdvbe5l0TxJBb4vrWNrhbW4iUoUkVQWVWGCDjrxTfi34gHir4U+KINMs7u5t5LWOO2k+zyAzuZAdqpt3AAKOSB3r2PJbCluX+UnA/MjocVg+GvFFt4q0ODUrNZIYJGdBG4AYFXZGBxx1UnigDwvxz4c0bTfDHgvVtLtbxZ01W0uHEcc8m2NSfN3oQcYznnHtXrGtan4riuIW0PRtN1OwkRXEl5eSQyAnJ5AHpXVM2ckbQGGM7Rnng5pm47cdP/rUAYPhfVvFdxeH+3NG0/TYlj3pLY3jTMzg9GVhjp6V5x4Dml+DdxrPhvWbG+Fob6W90/UbO2eaCaKRtwVtoJV1JPUAGvZccZJzQxO0KpxGOduO9O4zyXxVbaldeLvC/jy00m4lt9NEtrc2kYzP9lk6TBe5UkEqOcZwKXxDa/wDC0PGPhNtNguotM0Wc6hNeXtu8W5iAFjCsAeOp4r1dfkyU4OMdadgHIwOueB7daYziJLj4j+eRDp/hjywxKPJJKGxxjcMUnjxNSk8K6aJbGSXUFvrOeWPTVLhWjkVnKk9AADiu43DoeRS7iOgxk5OGIFMDxrxJ8Kb2x8faP4j8LpJFpl9qMU2sabGuFVxwLhV7Hn5hjPXtS+FPB6XfxK8ZXuteGZJra9lhuLOe6tlkVlRArqpz13DPNeyLGGORw3rjH8jTm7Ak4HQAdPwzQB5D8JvDviPQfA99pNvZHQNQj1C4ltn1G33wmF5S4+VHxnBxXQtpPxMZWB8T6DGCMArpb5A/GQ13mc4zuP606TawHHHeqQHkGtXnxF0nxJoekN4r0zZqn2gmRNKz5ZjUHu3fJ/OttfCvj6VT5njm2J9U0mMY/M1N45jK+NfATngNc3cX5wMcfmK7RV64PWmB59N4O8Zn/WfEK4i285g0yAH865nwX4Uk1jxd4il8UX83iPUNHvfstvLcIqxqpjR1IjAxu5PNexzLujY4yMdc8V574WaSP4geN1ZGCPdQShiMDmBQcHv0poZ2yrhewHXj/PSkdc9KXerKCD2zRnb6fnSYyheKOo6ivNfjpo1lrfw4v1vrRLhoWhaNyv7yH98m5kI5VsZ5yevSvT5m+bpXCfF6EyfDvxCoA4ti+WzgbSG7fSgDmdPutb+GNtHFqUbaz4bj+RdTtY/9KtFwMCaNf9YB/fQE8citLxR44mXUtG0PQ2gk1LVkkuY7mRS6QRLxvA/iySOvc10+nTNcWcDgn540OfQlRzjv+NcJ4+0PUdO8XaB4o0+xuNRt7OCawvba1+aYRSHIdB/HtPVQOBkjOKLhYx/HGveNfCeg6peC7s3itI4JYLxbMKr75AkiMM4DLw3fP51a1PxZqUPjjwrp1vrazWN7b3DXCwwod7RqGVsg5Gcnj2pvj661Lxp4D16y07R7147m38uEXEHlTSyb1OdjEYACkc4JzWffeEW/4SDwhqGleGfsaW7TfbWigjhZFkiCAMAy7sHJJ5607jPUFuElwysr++4HB7jj60Nj8a4LwDZw6Z4k8SW9nFBHZytb3ETWMpeIqY9uG9GBU569a7tu1JgQvyTiilIPNFNFHqxJHTmlWTseKjDetN3A5IPFYGRZb5hxzUe4Rr8x2buF3cZPt61XkuPLVySE2JvYvxtX+8c9B71wc3xLl1i6I8M28Nxo9s2++8RXrNDYhVI3iI8GVv4dw+UE9eMUAYnjvwTa/Ejx7r0FnfjT/EmmWOnTaVexSAyWk6vcHGAc7WyoYeh962Pgfr2peJrHxPqWsac2laq+qGO6tm6JJFbW6OU/2CVJHsVrsdJXTb7y9Wso7WdLhPMW7gVS0q8ciTknoAOfWp9Sa9SxuW0v7INTwGh+1IfJkkGMGTHOCBjI5+71xQBqgjAyQOM0BgD6iuJ8L/EKHXNQbSdSt5NG8TQrvn0i6OXbnBkhfpMhPQjkDggVp+JfHOjeEbeF9Ru8TTnFvZQKZbi4PPCRryenJ6DuR1oA6VXWRtmRuzgr/EPw61594G1mx1b4pfESO0vbe5nWSxXy4pVZsLb/ADHAOcAnBPY1Vm0/xB8QlP8AbUs3hjQJBxo1jKDd3CH/AJ7zDhAf7sfPYvWd470Twl4f03SWuNEutFsLQv5GveH4hG+kMCuGbaS+0nrkMvBLZoEz11JOD146jFPaQbcdDjNeV2fxA1XwtZw3PiJ4fEPhmQfuPFujLujCHnNxGudpPBLplM9Qvb0OzvrXVbGG9sbuG+tJgGiuoHDpKCM/Kw4PHpQIvxyfNjtU5YbSQfasyPduX73XjiuO+JfjS+8Lw6Fpdh5cWta/qMel2skygrbZBaWcqeCVXOM8bsZ4zSHc9DWQKoJOC33R3POOPXrSeZuBA9+c+hxXnXiCHWvAFvH4gj8SatrWjafHPdarY38ifv0EDlWUhPkIcKNo+X5ug61gWN54tvvhp/wmf/CRXFrrb6e2qw6eERNNSMRmRbd49uTmPaGbOc89qLBc9kRwMg9en4+n1pvnqv8A9f8Az/8AqrxPw38VLr4wa/aado11N4e02HRbbU9Qlt9qztJcAlbdSQ21F2sxO3cQAKpeJvHWveFl+IPhyXVrs6jo+jrr+lantTz3i5VoZl27WIkAGccqfXFCWoXPei25hgEH6U8EY5IB7A14Hr3xKnn8J+BG0nx3Fca5qGo6faX620lrLLJHPjzCyBDtKkkZHTGK9yt5SCRvkYDn5yM/UgADOMdu9FhlxW2sAamb5l4qk1wdw4pvnMzYBpCZbGKchHOaouzL0NS27kMCTTsIsthWzSqd3al3bugpEJ9KYCqvykN078A/oetcdpnizUbz4peI/DV7b2dtZWOnW15az2zl5XEjuvzBsAcL9wZHvXaSNuTaOM+leaaclw3x18RXn2K8jtp9Fs7WC7ktnELzRySsyhiMcBlOc4560wOg8K+JpNXuNW03URFHq+j3Itb1LUnZICA8UseeRvRslegYEZ4FZUPi/VvFPizWdH8PNp9nZaHItteajeIZQ90w3GOKMMPlVfvMTnPAGKo+D4Wk+MXxE1CH59PWLTrJWI+V544SXBPfbuVSR6+1ZPhvf8IfHHjK31Ky1CbQdd1L+2LDVbO0e5G90HmRSqisVZSPlONpHekBpT/EDxZput+F9O1fT9NtU1DXJ9LuTCshQwiDzkliLPjB6knpyKu+G/HWt+Pvt194Z/sm30S3uZLW3n1JJm+2tHtEjKsbKEiLAgHBbAbA5zWH4+vrrWta+HV42l30VpDrklw/7h5HW3NvIgllCg7NzOPlOMcZFVPhPdt8H9GufB3iG01C3l0+/uJLG+trKW4hu7eSQvGyGNWCsu4gq2KYG/Z/E7V9WvNF8O2+mW1r4tubWS71BLlnNtp8SSGPdwd0hZsbVyMqc5qWT4vR+F9S17SvF0VrY32l6edUSex3eVeWmcEKrEsrq4C7Cx+9kZrFvkvvD/xVsPHV5plzBo2p6N/ZF8qxmaWwkWXzIXkVMkqy9SBxXNfEP4cXXx317XtQ0tZINOh8NvpOnXl1G0YvLlpfNO0MAdgKgBiO9C3sB3118TvEfh/wini/UtHsl0FYVurqwhlkF7a2zAEyb87GIBDFAvAB5yMVo3XxGl1zxW2geEks725htYr27vbt3FvCkozCgVCGZ2+Y9cAEemK4zxB4w/4Sr4S3PhqDTrxfFmpaYNLfR5bWQNBKVEbMzFdvlA/NuzzjHes3wXor/Avx5qR1nzzoOtaZp8cerxQPIkNxbReS8Uu0EqD95WxjJAzml0A9e8Kaxreo3Gq2mtaZBYXFg8YhuLSR5I7mJo929C2SCGVhjrxz1rMuPHGqRfFmDwp/Z1kbKTTDqn27zn87yhIIygGNu7cQc9OMVBr2uJ4q0G6ubHV9S0HSbViw1C1XZLc/L8oRWUsFD7cDbljgDrXmlvDceIPi94Vi8TzXUOqp4T8i8mtZJbYfbPODlDJGQu4qxyOmR60LzF1PU/BXjjVfEfi7xbo17p1lZxaDOlq0lvI7NIXUSK2GHTZ1z3rY8a+J5vDeiRzWNpHfajcTrb2tpI20SNyxGfXYrkfSvHvBKXNj4g+Len+Fp2n1Wae3fTJL6ViXIgWN3EkinO0569wO3NdJ8NdYufFWt2qXcmpSTaDDcfbF1jabiG9klMYiZlAV9kccgGB0kFBbLTfEzxofF1v4cXwzo39pT6a2qoDfzH5FcJszt4fJHTIqWx+J/ijWvGE3h2LwzpkN5Hpdvqmy6v5xtWU7fLwqZyrZ+uaz9W1C1j/aQ0kecu9fD01qWPTzjMrqmfXCk9e34Vj+IX8PXXx71Qatqk9haR+H4bYTW15NbL5wnclN0ZAZtrDg5oJPW9N8QTN4dfUdbtl0yS2SZrpElMqbY2Yb1YDlCF3D/e9jVT4cePLb4keEbLXbaMwGeSWKa3frFMjlWT6gAZ+teeTa1pureE9B8EaLfsn2iZLRLu8g4kt7dQ7MyYBw7KEGWycsenNN8A30vw/+MGveHNU1C3mj8RRrq9u1tEYokuhlZo8biAWVVc5JGVFAz3SPJb2qR+1RRsQOeO1Okfbye1Ahc846UkjDgdTUMMxaRs8CnTNn7p5pAOOAM96jI3cinr8y4IyfWmfdbkUWAI1HPemTIcHtT1KbWP8AFUSyHPPNMBFbbzmp96+Xkct3quzdSRimK21s5/CkBP5xDAgVyXxG0u8eysfEmjxmfXtBc3MEWcNcw4Altz7MgJ/3lWuhvL0xmNdvBNOkJi2SAsu0gjA5pgYPgHSbG0sbq90W6kn0XVpv7StYto2w+YoLquOzPuYjsxPvXUGF1PI78Zrzxvgb4QvZ5ZBps1uZGZ2SC9ljiBJJIRFI2jn+dcx49+Hvg7wjYWYi0++uNT1K5Wzsrb+0503MQOchyQADmmB6V408MnxL4eu9MuJZLK3nVXnkIKgxhgzK3opAIPsTXEfD9E8Wa1f+KtpSyA+waREFA2Wy5LP9XbcR3wFHYVy9x8PtD8KX2lW/ijTlbT9WuGtYryw1G6CxXB+4ksbNghhkbgep5Ars/AfiLUbrVPEfh6202ytV8OzJp8DoZZAx2bkYjPyjaadgO8jB+VV49N386e0T98fhXHfCrx1fePNBm1C9tLeydLmW28q3ZmGUYqScnuQTXatJtIJJFICs0brIpweorgPgzb/8UPHG7AFLy9GNw6C5cf1pfiZ8VJ/hlq+jzXtlHN4dvpWjlurfebi0IHMhHdBkZx2zUNtqV14f1fTNL8Oixl0zVY7jUYriZncoSyu2CpIKsZQRj2oEd1IojXbkE1Cfyrznwv8AEjXvFXgbWdYGnWMV5YS3KLbr5hjYQk7gxz3xkVv/AA98TXfjDwjpusXkUMEl5CJvLgyVXPRefagDqFUetDZpFYDvSb/mpDF2+2aNwA6c0ZHXNNPNUih45+tLSDOM01myfWmBJu2qT3pMt1xUefalZjnA5oAeGLUMRtPPHeofNCnBYDtz0rO1/wAR2PhnR7rUr+UJbW4+Zc/MzHogHdjxgd800BzXxMYw6t4Hn2FtmsmM47b7eX/Cu2j+bnrtIIH4Z/qK+fvF0mpeKJ9OvLq7urXxBeTxXGmabZspFnApYM7g5GSp6nucCu+h8A+I3jDP8QNaXIwwEMCleowCEz0xTA3viRYDUfBesKzXETQ2k1xHNbStFJG6oTkFfpXhv/CW3d14R1Twz4tUN4isrOO9sdQDeW1/b7l2yhh8xcAbWHoTXs0fhXUbPQdVsjrVzr013Gyo+qbVKblKkAqPQk1zPib4UL468C6XpWtNHa63pyDyL6zYkRuBg4PBKMAMqfXNUgOyi1HTdLsYEmvLW2CxqALidVPcZGTyPeqVz438OWuTP4i0qHH968j/AMak1DwPomuC3fVdKstSuYY1jWW6t0kIGPmCkgEAmoovAPhi3XEfh3SUx/05of6f1o0KRl3HxW8Gx58zxRpIx/08qf5GuQ+IXxV8HX3gvX7ODxFY3M89jMkaROWLMUOAMD1r0hPDekW3+p0qyiPbZboP/ZazPFOk2snhjWIktYIw9nMuREvdDzwKNBnG6H8YPBcek2qz+IrSCdYkBjl3KQQoBBBFaS/FzwXMMp4o0s8ZwbgA/lkGrfgSGG68G6I8sEUrNZRK3mIp5CLnnHI9+tbFxpdjIoH2C1JIwQYEI/lS0Ais7yLUreO4t5hcW8q7o5I3yrD69/zpZF+UqR8vTpn+tTRwx28CxxRrEiDaqIBtH09Ka2CuaYGZb6XaaeGFpaQ2qMdxSGMKN3r1/wA5pW688VcYjtVWZvajQCvIxziimzN3ooKR6sVLDikEezkE564U9fandPrSMxHNYGR5/wCLdOj8YfEWy8PamzzaBHpT6jJp8blYribzkQGRf41AY4QnbkDORmrMnw5XXtW83xBejUNMt3/0HRbeLybOJBjaZFBzIwxwCdowMCnKTJ8ZrlhysPhyIdP79yf/AIj9K7aMj05oAalskaqqqqBRhdoAAH90AYAHsBTlTkKBkk4H1/wqUU1sfe67eeuOlAHF+PdH0XxRp8un6i0Yv4bWe/s2jJS5haNeZY3BypBZR1IIJyvWsz4T+G7W08J6Pr0gkvNe1awgub/U7yUzXEjsgbaHY/KoyRtUAcA4zUHjKP7P8R2YuAtt4P1Au23oplT+i/jXT/DW1CfDnwsj9V0q0B57+UP8KBHRKoCno/qT3plkSsshXdtPGPVfQjOD+P5HpU3lBWAAp4iESkrQI41/hqNF1ZtV8I33/CO3E8oe908x+bp92pPzExZGyTGfnTAPQggkVzeteCY9L+JGjWPhzV9U8JW2tW15cX0OjzhI3kiMZDBHDKpPmHlQvAr1ff8ALmuH8QSBfi54VAOSulagw/F7Yf40wE/4VLDPGPt3izxZe5+9u1h48g+ybareLvhfLqei6AdBuyuseG74alpx1SeSdJm58yKSRiW+bOM9sV2v7xlGcgYq5DiNRsH41FxnKXVhrXjfTbrSvEOjW+g6ZeWssF3GL1LySYyRlTsKqAoBJJLZJwBx1HOWnhPxjZ/DseCRZ2bMlm2kjxD9rXyTalfL8ww43+Z5Z4XG3IGTivUFk3NzwfcVIq7ec5/CmFjyjSfhVc/DXxPb6x4VtF1TTZNLh0m+017hYJW8nHkzIW+U553KT1IIziqHif4W+IPEekeOdVksoB4i1/TF0ey05bpNlnbgMd0kmBukLNuO0kcDFe0LtZh8oFP2jdn1p7ahY8f8UeB9f1Dwj4CtrXw9DLeaPfWN3eLJdxLtS3GGQHdyWODwcevPFetouwY5IPPzfeHoMjrgHFSyLyOw/CheuMUDHrCJMelMa3KtkVL5wRTVaS4+cHORS2AsKgPHejy/TpUS3C/Q09JgzMueR1poknhUtgLyfSpFil3EbDn0rLvIYNRtZ7W5XzLedGjdQSMgjHUEEfUGuJ/4Ur4I3NnRWxgD/j+uTtA4x/rOfrQB6Qyyq33HH4EU2aOaRSDHJhhjOCQM9+vH4V5wPgZ4HY/8geQe4vbgf+1Kcfgf4O4EemXHPI2ajcDvjtJ6/wA6QHbaXoEOg2YtrS1kig3GQk53O7ElnY92J6/UelWtsmM7G45yV/wNeej4J+E2b5be+jI4BXVLr09fM/D26VI3wX8LKw2JqyEDnGsXP/xdMR6Ckb4O1WTd97I/Trz+NStDI0eMEqO+P8gV5t/wpfw3ubE2tAnqy6zdY/8AQ6m/4U7oG35b3Xkx/d1u6H/tSkB6FHG2PusR3OCMn1J7+nNK24/MVJx3Yf1/pgCvPW+DejNjbqviRR/s69cn9C9K3wa0vgprnilGxkbNcnHt60xnom2R1UBnO3hTnnHXnj17ZpqqV6AoSeNp2ke/fNee/wDCo7RVwviTxav116anD4R2x2AeLPFynr8utOf5igDo/F3g2z8Z2drbX0l9FHDN9oX7LdPAd46bip6A8georR0XS4tH0u206KS4mjtgFja6kMsmOc5kzknPfriuQPwlgVePF/jAHOMnWGPvjlfSmL8JzC+Y/Gvi5Ub11X/7CkB2utaWdYsWt3ubq0DsrfaLSTy5hgg/ewfTGO4JzUXh3R7bw5Zi1tFc7naSWVzmWWQnLSO3VmbknPQgdq4//hV9yy4HjjxgAvULqQJ/LZTj8LbkMAPHvi4jvu1BT/7JjqaYHobKWwCpYBs4YZP19c/jTGt1GSxZsqcjOG68/p3rhY/hvqULYj+IPipQege4jPv08ulb4c6yqkx/EXxOhxx88WP/AECgBbz40eC9H8WX/hvVdXTSNWsnEbDUIWjiYlQUKS527dpyMkfqK7azmt9UtVuYJYby3kwUlgZZkPfOeefoa+K/jp8L/FXjP4kHTtJt9Y8SyWMCwSalqoiiB3fOFEhUBlUMeeTngcYrsPhH+y5418KXEN1deMX8Md2t9FJkZxjo5JCt75X6c0DR9YRxlct1BOf8+lD/AHy2eKbDMyxIJpPNlCqGkxjfgYyR6nrSswIJzQDGhCTkdaURsGyajZyGwKkWYbdpPNAhwcKM5pdytzmqkitxzTcsvFAy1J0+XmoDu3cdaYhYZG7rUqqSu7dmgQ3yXdj83SlMW1eWo8zap5+aoJLnao7nt+PT+dADpvLuAuF+ZTjNKsbyMoONo96pRs3ngL0I3HtWtCuFweKBjzlSMAYrzL41aDezTeE/EljBLeDw9qa3N1bwKWla3ZQsjKB127QeOcZr1BTng02RvLYFSc5BpiPEfiRe2HxTs/D+h+H7n+0D/aVvfTXCIyx20MZLZckD588YHOe1Y3hHSdN1j4rfEOe9nu4UN1BPCySSQiVRHtdhgYbG0cdea9ssdZs77VNSs4JD9ssWRbpQjKB5i70wx68elXfJjaQsVU/8BH6HFFwPJv2cZoofB2o2MfmBoNWu8JPGyOY2kJRvmAzkV6xLCXHQ5PYc05UjjyEUL2zgZI9+KY2W4IyM+maQzz7x5Jp7+LPCtpqBRoZZLmOVJ0LRMjxFVRuMYJ4rgfD/AIR1f4a/EzRtKLyXngqKG6l0y6kBZrRTsLWznHIXblfY+pwPdpFMacqHUZwGx69M4OKx9O8RW2sSanFbbx9ju3spw6AAyIB09Rhl5piPn3wLoek6p4T8YT3f2yCcX1/IIkmuIw6uSYyEBwQTjsfwr0j4C3gl+F2gQ7iJ7e3EM8bqVdGXjaQf5ivQGgWRtyxqTjadqjB9sgdKTaFY4XaOnChefQ4FG4DjzzSHjvTd/vTGenYCRH3nAp3SoFZVbilaSgCTzu1MWQhuaarAc96RpD6Uyifzc8U0sdwqu7FepxRHNtIcPyDkUwPPtO8Vap8QPEmv2ul6odE07SLn7DHJFCsjTyAZZiH44OOO/wCtZdjqU3jbUNU0zWoY73xF4SuWMVrvMdtds67oZihztJwc88Uulafd/DfxZ4huE0u51XQdauPtsclgqu8Ep4eJ1JHynswrQ+HHhm9j8R+JfE2o2rWU+tTIy2jHmKKNdqA+p59aYGx4E8FzaPNcatrEpvNfvAPNuCwIjUchFHQAdOPTNdm2FXAPOc5NV5JNvQ8UPKCBzzTAkJ96gbGTxzSecNxGeafjcvFFxkfNQtnJzxUzKVU1Vkk28mkUNkbb2rP1YCawu0I/dtC6N7ZQ9asSXG5WB446/wBa8t+KGpPqHjjwl4YlLDS7zz7y6jVsef5Y4Rsdu/4UwN34bRyr4J0iKRCs8duqOvUggAEcfSteHXLC+uJba1vrW5uIceZHDOrsufUA9PevL/ixoNt4P8K6v4g0CFNMuZLdbOX7HFgOGkX94oB6gFunrUfxM0a38N/Dy01XSLWODUdJntzbz26Yk2tIkbpx1DKxB6807gei634w0XQ7hbfUdUtbG4ZQwjmkAOD0z6fjVW+8YaVp+o2Wn3F8q314A1tCqMxmUkjKkDGOD36VwPwdmOvReJ7m/jjkvJ9YubedZApJUHCqAQcDYTjp69q4HQp9R2eC4rNI5ja6xqVjafac+UIdjAKcZOQo/SgD3fT/ABnputatfabaSzPd2fE0b27oE6dSVA79jV98mvOPA0l/H8RvF8V+bfz3ispnFqW8oZiIBXIz25zXorMeKLgRyDgiims2SaKLlI9X8zKnjinDBXk98VD5nmADpSmQqpxnp0BrAyOMtfn+M2rH5gB4fs0A9SbmcYx/wE12dneW17bia1uYbqLcyeZBIrruHUZBPI9K5LxT4RuNQ1JNb0XVG0bxBDB9m84p5ltdRBiyxzRdwCThgQwJBHSuEDNYeJJW3n4c+NbrHmRufO0fWsDPU8MTj2lX/axyAe47hjv+VJ91Sccd/cdxXJ+F/FGo6jJeWOtaJPoer2m3zFH721kBON0M3dT/AHW5HpVvxN410zwnBG+qXJSWY7LaziQyXFw392OMcsfyHckDkAHP/ELQ5Zptf14zw/Z4/C91YiPnzDISz7s9NuBj8a6Lwd+48J6ChKgLp1uMdNuI1H+NcrcaL4g+Ikbx69JJ4a8PTDYdItZgbu5Q9rmUZCA940ySMgtgmoIbnVvhSohuWuvEXg6NQsVymZL/AExR1RgMefEOMMPmUdiATQJnqG5SoIIPpg5pzuFUbjjr19q83+J3izVrXwDHr/gvUYbu6aa3jto9qSwXollRAhZhlCdxB7jvislviZfeNvDnhrVPCl2NNv7+/bT7rTrsIrRziGRjDJlCVKvHtBAJKtnBoEenXt1HZMXknjhUsEJkcKAxPC5Pc5GB71yl9D/xebQVbgroV42D7zW9cNJNNd+Jo1m/4r3xlaSeYLSJjDpOisONxPIDA92BkJxgJ29I8J+EJ9N1KXW9Y1N9X8QTQ/Z3mXMVvbxZDGKCMH7pZVYl8sSM5HSn0A62IDbgjmnhfamx4HWnqRWY0NaFZOp21GshTKZqVm25NV3UtNu7YpjJwzY4NHmP65oXkCnM5UfdzTAjEjs2CADUg8ymZ+fdipRJng8UwI5n2xnNV5F8zYcYqxJD5nG7AoEZ2rznbSEVXbyWI6N2pscxIkIB396uSwhm3d+1QQwmKQ55DdaLCHxLi2GTzT4cBeTyaAvQdqNp7UwFhO1ipPB65OBjv+Feb/EDxV418GXi64kenS+G11GCyfS2h/0uaJ3WIzCQHAbc2VH90juK9KGExnrmvJvFXjLUbzxkEm8EeINR0nS5w9j5MEflXFyQV86Vy2Qq5wgx0JJwQKAO40/xLND411DwzqO1pzB/aFhdKNvnQmRleNh/fRsdOqlT13YT4h+K5vBvg3U9WtIPteoxoEsbYcmW4c4iXHcbsE+wNczqVvJqHx00K5iXcNL8P3El24z8vnyhYgc9M+WxHfHPSjxdHfeMfG2n6Zay6npdppELX66lDahopLlhsVQzqVO1S/8A33xyKYHQeH/iTo2reBdO8UTXtvp2nXVqlw73UgjWNjhWVi2OQ24AdecVJJ8T/CEMN3K3ijSljtXEc7G5XCMeg68/UcV4NLp2o+FfA/xP8Brp+r6hYjzpNGuHsXImMqqXjGI8ZWQsfQ7uDW3fQ6W3jG+uE0a4Fu3gz7GpOlyDM4LbYv8AV/e2sRjGeetGgj2i4+IHhjSXZb3xFpdqyrG7RyXkYba/3TjORnsT6irC686+JWtf7S0l7FbE3Etuk4NxG4YfvTzgRbTyTxkg9K+ZvC39jLqz2niPRrm8mk8D2dqIJrB5ZRcKZY3Q/LlHJCqGPGFznpWlpfh2fRb230/WrG/nmHgH7DfyWsTlml8ws0aybSDIIx0z/CB1o0A981Txla3Oi3FzouuaKZ45Y4995cjyVJYEo205DlN20dScds1jt471VvFXjbRZhpNidJtbafT7m5kdI8zb8ecScYyijI9/WvE9ZXUZPh34stL2JNbSO70s6frkdi8c155bghZI8H95HGCC64GCRnPFdD8QLm01LV/i/mNriO+8O2qW/mW7lZZlSTaBleSGdeB/SgZ7uvijTbNYvt+q6fZzlFMga5RUGdvQMcgEsCpPJFZfjnxZqOg2+nxaNp0eqaleSsot5JNitGkZZyWwcD7v5ivAr6z8P6tr+sTXNjFdRt4DiRZJrchjcgMuB8v+sA2KAOQBmvTfg7etr1np2oSFnGmaLZ6Wrvuz5zIkk55HUgRjnn5SKAJY/ih4tPiLxBoq+F9LnvdEs4b+XydQkBkSRSyhMx/eAB69xV/SfiR4k8QeJvE+k2mgaajaHJGsrTX0qNIsiGRWAEfB2HnOBmsTw7qVnJ+0D42UTRFZtKslDbsb2jBEiDPUgHNcbJH4Z1r4mfFNNY8QyaXDeSW0Uc1vdyQLKPs5V/lDbZNv86QHump+MW0DwLceI7+xkgmgshPLY9WEpAxFkdcuQo+orT8K+JLTxh4Z0vXLA7ra/tknUA5wSPmT8G4ryzUvFyePrzw7o2i6jaxTRbtUle8gLpKIDtiXyww+8T5mAScIMjtTfgnqDeEfFHin4f397bSz2d1/aGneSTsMM4LyQoG5BR+cZ6e2aBHtQjPA3kgc/MeM5/wxSjk+9R7mUc0LnBoLJW9qTaW5zUaOQcGpUcLQBOtupAJ5oaNVOcYpnmcjBpWw2Du/CgVhvB61G2M+9SnFV2+9QMrzSCaTGcY60kV00UjIxyP4ac0eyQtjrUccbNPux9KAKmvQzalp1xFDcXFhMyHZc2zbXjPYj/Dv0rxvwD8TNZ8RaFceHvE121t4njsDqFhewvsa+hKbkdTj76HKsvoTxXul2JRZTPDF9odVOEVgu4gfdz2NeU3nwpvfFPwz0nTLqEaP4n0aPFjeJIHa3mUfwsOsb5AKmgVjtvhtPNfeENHu7q7a+uJ7SKVppCCWLIDnP5117SdgOa43wPpc/h/wzpFjcoI54LSCOZVIISRY1Vhx2yD+VdUsm9h69h/X6UDJo5NrYNTMVk69AcnFVhtZiGYDB556Vh+J/GOleFrRrnUrpIIc7VUYZ5SP4UXqx+lAmYnhpgvxK8eoScg2DY7j/R8cj8DXaKu7HcYzxXjel+N9Q0nxNrHivUvDepWvh3U0t4kulxI9sIkZQ8sQyUUhuozjvivWdK1my1rT7e+0+7ivrS4GY7mBgUcegI4JFMC00e3nNMZscetOkOOvA/z0qGZ8LuHPp6H2oGcr8QPGqeC9Hgn8j7Ve3lwtlZW+4qrytwpOOw6/hXKWtt4l8LXSXhtNOu7bU75ZNS+zo6vC8gIZ1G4hgAoz6de1Wfjd4b1LxBpWkX+l2z3d9oeoxagbJRhpUUfMqD1AyffFaOm/EfStehS30yC+ubifCywTW7xGFG+8ZN6jBGT060hM5/QvGniL4gWt1qnh2PTrTT45nhtYr+JpGudjEbiw5RTg9BW54D8bw+OtFN5HA9lc280lrd2cjbmgmRsMm7+MdwT0FcV8Nbz/AIVRot14b16G6iksrqZ7aeG3kkS7hZiysrKpwwzjB+taXwd8P32labrOoXsRt5tY1GbUBA33o0cjAb34H51SEeiKTuxQ3FR+ZtY0STFu1MBfMx7U0NzUZak3epoGTbh2o3YqHcBzml3imMS4/eKc1ntLtTaASK0Gwymq32c7eRzRsBDDMUcKDgHrtJx+VTSOYXUrg59RzTWgPUGnCPcw3Nmi4EiYl6jn60n8XP8AOpAoXNHk7s80bgQ3DBSjAYPerAkO1cVC1v8ANljxSltoxTKQ6SQ81QmVpGPappZOuTVZpDyOtAynI2wlSfauS8a+C/8AhLv7OuYbttL1bTpjPaXyRCQoW4ZGUkZQjPfjORyK7T7OJMk1Skikh3bjuHamBxg8H3mrwzweJ7yHUraeI272lvE0cJjJBJwWJ3EjOTnHaqq/De5uF0+01LXJtT0exaN4bSSBEYlBhN7qMvjsDjoCa7aRg3I7U0sQB6UwOS1L4e2k15e3VlqF9o0t+u28SxlAS4xgKSCPlbaCCR60yT4c6LcRaTFsngi0t99ssUxGxu7cYyTk5J9665yOp5qCTZ1FFwMKHwnpdrrk2tRwOmpzKqSzCV8SKAcBlJxx/WtGRvSpnIwagI3HjpSArsx5x1oobCsaKaKR6orbeaXdu+lVwxbpUgbC1gZDpJB0/pmqusaLYeI9Ll0/U7OG+sZB80Mqgr+uTnPIYYINT8NyakHAxigDgB4P8V+HQ1h4c1+3m0iUjZ/bUbz3FgMciNyT5o5ICyE4/vY+U7PhXwLp/hW7mvvMn1LWbgAXGrXzeZcS98DtGg7KmAK6UflUUjY6c0ALcOZI2IxuJ6dR9c9z7mmRyGNUCnaT15IHv+Ht36Uh+aPB603PyhR19aAOc8baLLH4ds7bSNH+1hNRtbkwW/lRqiRzpK5IZlHO3tzzXO33wvvLb4taL4o0eQRaZcTvLrFhkBXlWCVYrnGcbiH2Ng9weQK9OjZtuN3FOiUocg8elBIyG1t7JfKt4IreMuzssKBQzE5LYGO+eevNTl1UjHFQXRZWBxmhnOB8uDSuBoR3G4AU/disyN5FboKka4kPQVI0XvMwcnpStIF68VWSQtGd3BqJ3MoIzxQBoRsCwOaczAc1SWTy4wAPmqM3ki4G0Yphcutwc5pVzms6O7eSQ5FXopsqM96Lhcs7d1RDKvTlkAwaa0vzE44piJGbOMdaZtz96k8z8qaZBmmA/cFYDGB60u/aMjrUTSbsVA8nl5w2aALLfNyfy/yKr3CeTkq3B5CsehPHYdKfHJuXrSSRhuWNIChpuh22nyXM8Ueya7k86WQ/6yRug3HPYYG0cDt1NaG0fd6DvgZ5+mcU9FzihsKaNwHfMygszDBLbVY4GetQSW7bvMzhgcqVJGPrz+tOMnpTlc0gOetfBlvB4yu/Eov703txarZtblk8kxKcqu3bkEMSdwbJzXUIzJxvbqDlT7dvf3qrJJhwBT954pAW1YRZZGO7GCc4J9ugyPyOfameY24HzCcfmT+fAxxVfzOxpQwPQVaAsK3rg88noB9P8aaPvZX5WzngbcfkeT15NMDUfWgBzHy8EEL3BA7+vqTTFW3kjDCCJ1OR80Skj1/Oq1zzgDipbUFYylAEvlxMykxp5nTcowfw444qzFDDCwlaOMSZ3b9q7umOTjOcH1qttO4HpTpmxgE0AaAuAwJPSpFuExgnFZXmbF5ORSrMBwOpoKNMlTyD1pG+UZBqjb3Gxdp5NOkvOcdqQF5ZBt680eZk471m+b36VNHMd3uaALjSHbik8wKKhaZI165JqqJyu7J4piJ7i53bcHHPbrXGa38Rnnvn0bwzZrresq5SSViRaWp7mR+jcfwqSa6VZgXQZ4LY+vtXB/CvR7TVPhbaWcybYrwSpO0bmN2/etyWXk5Hfr2oGQ+GvED2Pi5g19d+K9buSkOoXNqwSzs4852oOmBg/L96vV/M8xeCeQRuPfPf+VZGi6PY6Dp8Nlp9pHa2ceQsMaAAZ5yfU8dck81qIy4xQIxvFnh2LxJp6W/2250y5WUSwXVk+HikAwDg8MD3DdQTXLWvxCvfB8qWHjSOKJG4h1+0Ui0uDnH71esL9sn5cnrXdX1wF4Re2Aa4HxPrUF1F4i8Pz25Mv9izXnmMQUK4K4wc/MDz+FArkV98R9R8SX39n+DbdL/a22XVpwfskGf7v/PQ/TIPrW34Z+GsGlXj6lqV22ua6/W+uc4j9o16Ivt+tWPh7aQQ+BdAEQWNDYwvsQADPlqc/Xk108bHaD3oKMLxTpurTWqHQb2Cyvo33hbyEPFOuOY36lcnkEE9q8mkuF0rxAUgjf4Z+LJm3PbFd2k6k3qP4CTzyAsn16H3iSVQuT274zWRqmmafr+nS6fqVpDf2Un3oLiMMn+8BzhgeQQRyKYHM2XxSFlcRWHjC1Xw1fSH93eNIZLC6I7xTH7p/wBhsGqU3jHW/HFwbfwfD9m0zP7zxBdocN1z5KnqeCM9Oaj+IWh2ej/CTXNMgDy2tvZkxfaX811w4ZRubJIBA4JP1rt9KaNdOtREiJGIl2qi4AGBgAdvw9aQjN8M+E4fCdk1vHcT3TzSebLNcSGR3f8AvHJ4PsOK2pGbHzcn+9xn+XP40kki8HvTWbPPUUCIZsMoLjcB68/z6fhVSSZsk5yT/nFT3M4wR2qhJKCMgUwFSbLc9KWWQHp0qN8BevJFUTKTxnvRcC4ZAuT6Uz7Wp4zUNy6tDwOagjjG3dTAviQN0NPZhjg1m2sgWVhmrm7ccUx3J1b1p64PXpVcY2ghs09WoC49sbsUzAJ4pjvjnNNaZV6Hd/u80DLeOmelIzFelUmvNqh8Nt9TSi6+YrnnOMd6aAtMwZTn+VVZmCqTupftAbjnkZ5qN4ty5JplIg5ZuuRU/ljbk1WZjG22phIStAxPuZqCY7qkZt2ahkPFMCjdW/VlG31HrVBpSwAXmtO5bcjD2rMhj2nPfFFwHHcV6VE2atMwC9KrO2T0oAibvUEuU6VNIcZqCYk0gK7HqTRSSfdNFUhnqMa8U5lOKhjbPOam39KwMwVTjpUnXAHWo/O2t04pfO+YUAK4KqPWmY3fWnNJkZ6movPC4ycUATMg3ZHSlaIcFRmo/MXdtJ5pwmC96AJFjyRnipPLC9DzUbTD6U8SJxlhQBHc/NsUmmLHu6mpW2swJNL5o7CpYrB5O0ZqIA81Y83NC4YGgZGYCV64zTvLAwDxUm1to9BUa5fntTsAsmV4ApnllgQeCankClRk81GWxjHNIkiaNlGehHSpY+QW+6T1FO8wN1ps77YyOlICZZhtxml5aqMfKk5qysh24pgTiPA61XuWwuRUhmxGQaix5sfyjmmAyVtsaHdzUEjEkse1STKflwhJHemrGWJ44pjG2crNI7Nx7Vclf5feoYFAkIIwKnm2qoI5IqWIcjN06UpHvRG4kBxTlYbuTTQDNppGjPUHmpWK7etN4PekwIDw6kmpmzt461FcYYqAeRUyrkjnNADBn8aeueafkA4xS8DnrVDK7yNHzimm6ZhjFWTtbgiq/wBnG/jpQITfh13dasrIpyc4pqxqSc1J5YUjFACFhj71QM3mSdeKnOFp4RewoAiaRUX5un0pWmjYAp1+lSmMN1HFHlqOgoAgSVepP6UizbpguPl9anWIc8UeWoOcUigfjFO34xjrSKwZhmnySLGMmmA1m3daYy7qhWZpAWUZHanwt5nPXnBoExuzdMuBwpyK4L4Qs0fgm3TlkS6ukH0W4kH9K9GCrHIhx3Ga84+GF1BY+A7m6mfEFtf3/mFVLldtxKSMDJzjnGM0CPRYZAyjbnnsaQzFWrN0jWLLWtLhvtOuory0kAKzQuGXn+R7EHoeDV1V2tlutA9x8jeYR3OcCvNPEKE/Ei7jx/r/AA1MpX1/ekf1Fem++3OOfy5rmNW8MrP4il143JVodMlsfJOApVjvBz9RQFiX4YzG4+HfhmTj5tOh/wDQB/8AWrp13DiuR+Ecir8M/C7A7l/s+Ln/AICAfyPB9K69pi2ABy3T3oGRyKx+VjjNQsrR8Gp/vAHOAwByeOvQfX2qK6kS3hlkndYoogS8kjBVX6k9OlAHHfFAef4D8SRg9dOlP5KT/Strw3cGbRdPbqGtozn/AICD/Kub8Ra5pniT4e+JLuwuUubY6fcosi5ALBCO+O+Pr2rovCZE3hjSWXG37HDnHvGP8KBM0pZNi5PSqrX6NkKasXMPmR4B4rJexaOT5TmmImkm355qpI5kIwcbasLAQOeDTZIwGHHFAEO5mXG+omVduO/rUrWoIPak+yjbSAh2qykM2KZ5eFAVs06S1BU9aaLcbeKpAMg2Qux3A5rL8WeN9N8F6T/aOqSiO381IsA/MzMcDA6nufoK1VtRuGzO7PGBmvJ/ipYr4s1hdDTTLrVLGC1ZpvspQ+XcS/LETuYcqoP/AH0Kat1Eet214twm4OCpOVK4wRjP4jnrVgMVwWyoPTPGa+e/DPijU7z4H6xbfaLvS/EGg20ttOISRKGiBK5GDjco5ptvNrfhPWvB+ox+JtRvbfXYmjv4ryQywg+VvWVF4wF4z9KYHv8AeTyQoWWNnb+Fc7dx6gZPTNct4H8dv438PS3v2KSyeKaWF43k3AFGI6j6V4/4T13ULXxl4Qkg1C8nsNXguVkubq5J+3soDK5jLEL833fY4qPS7XU7rwje22lLb3V5H4nut2l3Mxi+2quSYM5GDglvfFFhnuOu3mqWbWRs7OO6ha58q6aRypijwcsMdeew5rldJ8faxq2p+KtNTTrSG/0t0jtleZjHITGWBf04xXnK3lleaB4UubN7+xksvEq2tzZ3cxEkO5iXhY5wyrxg+laGqafHca18U7WYEFrK3mwrlSreQ5znrwVWmUe26fePHZW73z21tOYVkmAlAQMQM7cnheRWjHcJPErxyJIjgMrIwIIPQgjrXzfY6DpviLxJ8MP7RiW4ivtFlE0c0rBXZUjAyM89SefSvQv2f3H/AAhtzapJvhsdQureNVORHGJW2DvxjGKYz0Zk2ytzml8zacHilcjzMk8UkoDMcHI9qNBjJJPm+U5FQSTbQTT2jxUckZC88A0DK88hkU46VXhI24PWppHC9OajijwGakA2bIYVXk71Yk+bn0qBuTxQBWZSG5pj+tTMuSagkODigCtKSDjtRSzdQaKpAejhz5fJ5pVkZuOlNbBIpyrkelYEA24sPmyKk3EYFMA20jY4INAEu75eelUbrLSIQfunpVndlcVC1vvOc0AMWYyTHjGKtRyAqQajjtfm3dKkWADqaAIlL/LuO7J/KrFwNqjHBzmjyxtA707yTJjPSgByk+X1pq570N8vANSxqGXrSAYrYb3qVJCvXik2gNTlUZpgTLLuX2pThVABpkajp2pGzye1AD5H+XA5qHzOw605W556Um0bqlgR+YVzmjcZFOaVlDNSov5UEkS56dKuROPLIHJqAp8wFP8AL2dDTsIjmm28GpIZkVeKikj8w+1Ojtyoz2pgT+YsnAzmo8FW54qRFC/WpGIZcAc0AVlbDZFWB8wGahHyt0zUvmAjjr6UgImj8ttyfJQs3qMmlZTIwxQ8IC8Lz60xg04UZoWRpV44HrUSxbmxVqIbYduKQDFj+bjirI+XFQ05mNMCTg0tIrDb70FgvJoGhO9IzYBNPDBqUqDwaBkcPzdandQMEHJqONR2qRqBWE2gnmnrjOBUZbFN3e9AidpinG3NM37m9Kj8w7gMZp2ARnPNAyeomYCk6ng5pJMNxnmgZJHGGU1DcR7o8dDT1ynOeKXcG60AUIpjHHtxgin2KMisx/vZqw8KEGkUBBQBP5nzbgSPQg4I9xXC618PJYdSuNZ8J6gugazMd8yvHvtLs8k+bF0znB3Lg813EOKJIxnPT6AGgVjw7NvZ+ImEgb4b+M5mBWTJfS9Vb13fdfPpw6+9eneF9V1q7jnt9b0mOyvrRvLM9vJ5trcA87oz1Xn+Fuav61pVnrNhJaalaw3lnLw8Eygqeevrn6Yrh5Ph/wCIdBVLLw34umttGkODb30QnntV/uwSk8L2w1AzrPEnj7SvC7fZJWe91WRf3Wm2q75mJ6ZA+4PdsCuZbwfr/j53uPE8o07S+Cug2UhCkY4Mko5ds4yOnvXReFfA+meGVJtojLeSndPfTnfNK3qXPI+g4rqgSqlTyOoI/rQB523ga+8GzNeeCGSGKRv9I8PXUhW2nPOXhbkxOSRx0PQ4zWxputWfjzSLuDyr7SrpP3F1bODBc2r+zjIIz0YcGup8scnODVG+me2jeZIvtEqrhY1wu72z/wDXoA8d+Gnj/Umtx4V8VXsiX17bGfStVaUq1zEVOVLjpInJ9wPSqLqsmgaJdeJdX1LxCLq1VrPQ4yzedNtDOXbPPJ6twN3sa3x8O7nxZ8O7Lw/rMP8AZmpWOTZ3kMu5oZASUcEcgY4I7gmux8A+Hbvw54V0iyvwrXtrbLG7rh/mA+YgnoD7elAjm9P8A6n4sljuPE5jsdMTiLQLJz5IXAx5jgAsR6dM16Rawx2sMcMaLHEihVUfwgcAflT92eMd80e1MRBI5xiot3+zmpHHzYqJjz7UwIpOvpUE3zVM7Ang1A/SgBuBtzmoXk2nFK7FaRv3naiwh3ytUTKVzS7vL59KjeYuc9qAIzlgwHcEZ9KxdJ8K2+h6pqF+l5eXUl+2+ZbmTcAeNu3pgBRt/Wtp29KYWy2ev1oauB534t+GOn2dp4n1bT49SvNX1S2eOWKNzIk7FCq5j7gEjnOeM0z4Y+A7SHQNFub+DUPt9raeQ1vqTkiBioDhF446969K8xVXB5/lSiYt179cVSGcDp/wL8HWMtvImmy77ebz4C11IwhYg52DdwOenTir8fwj8MQwSxrZTqss4u32XcikzAEFwc5BOe1dip4paYzl5vhl4aks4bObTvtMEb+aPMkcnzD1cnPzEep5qVfh34faa7uJNKglnul2XDuSfNXphgex4rp9q8ZpdvpyKBnLR/DrwzC0fl6BYp5ORDiMHygxJIUnpz/OtXTtB0zRlb7Bp9rY7zuYW8ITJ7k49a0mYdhzTZG+WmAySFZFxVB1kt8iM/L3Wr6vUUjZzkU7jKy3AK/NxUEsxkXCnNSNErdag2iNsjmkxjFi2rzyaUr8tOaTseKgkm28UDGscA1B0zSyXHtUDTevFGgCM3JqtISTUjP1qvIxCj2o0AbIxFFQTSEniigD0+MA9aeOGAPSmCQVJ6GsSBzqG4zihYwF60m2lUigA8vI4pGX2xilXIbHrTx15oARPQ8U7jpTC3zYxxS59KAH7aQbgcdKFahmHrQA7cHXBGKcq9qQ44I6UqmgB/I7UKKbup27aP8A61AEi8U5fmOOtRLlqkX5ev50ADQhj6U17fPSnq/zYqTqKQFZY9qn1pVwPrTjkfWjaPxpiZG69+2aXd5hJPGKduCtyc0zPPFAhVX8qlRh0pFHyjNJxzjrQA2Q/NxUqZ2+9MClqmC8D1oEReuRimbtrU+TvUR5oAcrEU4Me9NWQhRuXjsaMgnOaBki8qSBzSB+xODSxsdvy8n2GaazDqw5oAXzPL96PMLdKY2G6CpISuaAHDdxmldvWkznLelPxuWgaHL93NKzdMU37q80c9uaBixk7qdI1R7yG5GKXq3tQAjEmmdGBzU2BTWjoExjScg1IsxHOOKjOKVSMgHpQCJUYselP6MPWo9pXkU7dux60DHPyp9ahyaezYpqjg+tACg54ofkcdab2zTFyckHNAFj7oBFMEjHOaZuOMUm73piEmy6gDmq8ySMV4FTjOamC8AseKBhC3TPH8qkaQscDmkXb2pRxmkINzZHFI3POKTnPtTg2OetMZEVG4+9OOdvTntQzbuaRmHTNOwmNWX5hxTmkO4cU1SFX3pJJBwKBDWIzmqdxMSScYFWZpAvTrVRpN2eM0wK4Y7vakZqkYZ5ximMAcUAVmb5qQybVqSROtV2PpzQAyU5YEGmLJt470rDbnPNRtswT0NAh7SfKe1Rb+DjP5VS17XLXw3pE9/eOyW8WASi72LEgBQM8kkiuUX4nSyL+58H+IbhSvG63RRnr3kpgdvvqaPPFcH/AMJ/rjcweAtWK7fvS3MMY/8AQjUVx8SNZ0lEu9X8HzafpG4LPeG8SQwqSF3bV5wM8+1GwHoascj0pSTniobe4W4VWGCpGQy9x2+vBz+VWOKZSF+Y1LubgngCmq23ml+9zQMjbcc4pm1u/SpyOKbuGaAIRGQCRUbfNkdDU0nPSomI6nimBXaM881XKYbmrbVEyjn1oKRBIoaoCmWx1qdzt+lQsduaaGV5osZqB4x17VPI+Tg9Khk4+lAEMijtULACpXYYPNQSZHWgCrN97AFFJL1oo0A9KFSxtngnntUZfcuAOaYG+bAwT14549fp71gQXGkXgZpquvrUMhKg7gVI6hhjGOtRCXy9xY4C5zntgZpiLXmdTQJDuz1qBTuyc5AODjpSbjx15x14/wD1UBcsq5ZgMUGPJzmoUkG3dnA9fT29jTxIV68A9Ce/09aQXHNn1xT1X5c5qLduNSRh8jajMP8AZGaBXJN+3GTgetQaprFlomny3uo3kNnaR43zTuEVcnAyT3J6etLIrOxCqZGXqq8/n6Vw0jL468cG3kUTaD4efdMvVLu+IwFb1WJc+25h3phc1f8AhbXgpck+LNJyOdv2laT/AIXJ4G5/4q3ShgZIEpb+QroY7O05/wBFt8nOdsKqOTnsPw6077Lb7gVhjTB/hQUDuZ/hzxvoHiqaePRdZs9UeFQ8i28mSqk4yQe2eM9q3kl3c9s4NeefESFtDbS/GFlB+/0gsl8kQyZbGTiZWAXnaQJOM8Ka7yGeOZVkjdHRxuVkOQVJHP0PBz7Uhlvd6U7zMLgmqrMdwA5PcelSK2/pyfYUCuTeZ2NHmBai3A4wef5UAh8qOWHbuKBDiu4570mDSBhtz6jIzxSq3zYxkjBI7gHufagCVSSmR0oVeM0xmHY9f6Uu/wCX3oAkT5c5p5bbUG40Abe+aAJSQ3eq7NtbH5c4z7U5iema57xp4pg8F+GrzWZcyGFP3MK/emlJwka+5YgfrQBl+IPivoeg65caS1tqt/d2yq040zT3uFhLAEBmXocEfmKoP8c9AiXL6X4mUep0Sf8AwNZPwuvptB1hdAmg+2azeQPq2uXyyFfInlIMcf8AtcAqPQKK9XWQ7QB1/vEnNAHni/HrwlhjLFrkQAyd+jXBI/DZW34b+KPhrxZfHTtNv5De+U0wt7q2kt3dFIDFQ6jdjIztzjNdPJISp3c454Az+deW/Ey+l1DXJbbTLVrfxX4aVNc01sLtvrcgrcRr9RuUg9yhGQM0wPU93bPPH60b9nNZHh3xBaeJtB0/VrFlazvoUmiIP3QRnb+BJH4Vo5ZqALPmZ6dKcs3zAZ4qsjEEZ6U7d3FIC6Xz9Kb5nPFQLIdtAYjNBRNvG7k1Nxt64FU92TmnGbtQBN5u1vUU4z7sDFVWkGcZp/nY7cetBJZVg3alJHSoY2+UntSM2e9AEpkKqc0z7RuphkCjFRIw35JoKLm8cU5T1qtuDd6fFwxJNAiXb8pqDcY89qfJJjvxVHVrWPVtNu7ORisdxC8LMDgqGUgkcds5oC5YW8ilAAlj5OM7xgfU9qbHPG2cSoeAfvDgHpn06V4R4g8AeHNL+M3g/TE0u2Nnd6dd+fAykCVk6M4B5PH5Zqv8RvCOheEdd8AxPbSXGm/bLsSw+UZWKMN+zjltpOB1wKsR9DRYl+6Q3TlecZ6Z9KaLgAFScdx649a80+HY8PS65q11oFtNYrCkdtPC8bRpJu/eBgrgMDglc1yviXxtqem/FXT/ABCk4PhhLr/hH7hFbKbmXJkP0lwM/wCzSA95jk3c9qk3VRimDKcHPJ5+hwBTg2T96iwFppOw60ozt5qLzFxjPNNMvzD0oGiTzNufWmedznHFRs4Zutc54/8AFi+CvCep600fmmzhLpH13OSAufbcRn2zTBnT/aF25yAOxNQecWz8p9eleXW+l+KtU8Mfbk8T3kOuXNt5yxqVNsrFc+WFwcDkDJ55rKsfFuo2PxYvtN1fX5ILBbCO7S3nkjRPMdsPtOOQAOPc0xHsUjM2DjjO38ar+Yq8swAxnJNeVfDnxJd6n4l8Yrd62+o2Gn3Qgt2eSPy1Qrv4IHLdB171c8deM7w+JdB8MaVP9ll1USTS3iDOyBAR8h6ZPIz7n0osB6LM+Mg/L6g8H8qg835uGyfQc1wd54f16xnge28TahPprJKZo52UOjgfK4b09vTmvO9O+It5cfBm81C58XSJ4jSGaZGa6RJVkVmCoFx3AH4UhHvrTbcZBxTXkGPlXNcj4P1hX8N6N9v1IXF1cQI/mXMo3yuwB+UdSevGK6RrgLgE4yMjPBpgLcXMMMfmTTRxKTgGRwoOOvWobi6htl3SzxQLxh5XCL2xyeO9YPjq1ttW8J6zBc2y3MC2kzbJFyoOw4IIPBzXi+n69d+GfC934V8Rzi7sr3TZLjRtTuRgSDyt3kyHkb14I56CnYD0jVblfHnjGCwgZJNH0Ui4nKkMk1wVPlr152g9q9AtW2rgs3PXBPJ965vwboen6HosaafbJaxz4nkVDks5Rckk+5IroY8gj0qbgWGUnkMf1qvf2sOoWFzaXEYlt7iNopI5OVKkYP6VOrUjd2xkDnHrjtQUcD4D8QRaLqFz4PvbnzNR09tlq0h+a4tcZjI/vELgHHPyiuxbxLYR6pHpj3arfyIZEtyrbio6npjivOfjF4NHibWPDsdtOdO1OPzxa36IN0ciqCu4/wBzjBHpms7wX41l8ReM9KttWtvsXiPT7S6t7+1xgbt0RWVfVW5xz3poZ7dG425NL5hY7VBJxk4GaggLnBZGC8c4OMfWvMvib4kuLjxf4Z8JW08lnBqge5u54SQzRJk7AQR1xVAepMxVC2V2f3sjA/GomvIYWVZJoo2blRI4Xd9MnmvP7vwPa6LLY6xpc11bPp4aSS18+RorlBG+VOSfmzg9O1cz8M9ItPiB4XXXvESf2ld6k0kjyTsSFQMV2x4OAAMDI70aAewzapbwsyPPEkoOPLZwGzjOMHnPtVXUtcstLjEl7eW9mrHaGnlVAT6DJ5PtXzlqMMviTwr4g8OXt0zal4f1qOws9Vcn7RDD5qrGxYckjJBPOcCtZfHE2raFJ4f8VRRQeKdHv7QShtuJ4/PjUTRc/wAQ+99aNBHs0XjDRb6+Npb6vZXN2M5ghlV3GBnkD2qrpfjbRteu57XT9QjuriD/AFscYJMZBxhuOD7HmvMPtj6H8aNYW00ma/e50i3cRWjIhQhiA2WIGT/SrPwxunuPH/j2SWxlsnkvIJlhudpdAYj3XjJ68ZoGmeuO25c1DIwPQ07zNyjtULMMZzQUJjNV7hh0FPZz2qvJzzTuBETk4qKRjjmnTc8LVd228E0ARTSbepoqCdsk54FFFxnpYb35/KvP/FWrTa/8TtK8HpNNbacthJqt8LeRomuPmCRwq64YJkgsB6Ed67uQjHXHv6e9cd4s8F6jdeJ9M8U6BcW0Wr2NvJaS296G8m8tnYMY2IGVYMAQRxkDPGawMzmPiV4fn8M+C/FWqaVrOqW1rFpTtFai+mLW90jDbJGS3GRkFT14FZviHxRZ6hH8PdM0zWdVjurjVLW1uBHJdwNLEyEyhmfAf59vfPpxXWeNPCfibxn4R1fTJrnT7K41GJbQRxvIYII8gs5bbudm/u4C8cAHFReKPCuv63/wiLRQ6fv0e9jvp1kuH2u0aFAEJQ9Qx6jjGPeqQjR8dfFHT/B/g/X9SsLu11HU9LhUfYxceZIjs4RBJkk/eYZ/Lviq8nhDVzoEc8PiLVf7dZIppriS5kEMpBBkjaIEIqnlQwAI7+/JeIPDun/EbxJq2mw3lrc6be6LJbfaLFdsljOs6uAzA4Yljn7qn5Oetdho/wDwmP2O1sNRtdNgkhCxzarbXBcTqCNzpCU+RnHByeDzz0KYjm/DfjW3s/GHjvTNd8V3VtHb3Yt7OO6vWBihaMMfLyM5BPBI6V0Hwb8Tyah8N9E1PWta8++1IyMZL65Xc7eYVVUBx/CoyBySah8I+G9d0bUPGl3dWNvnWrv7dbRQ3Qb5jGI9j5ULkYzu5FcVLoGneH/hfonhXxONLs/EUlq9jBLcXIdI1MjO9wGbGCDgj+LKgAYNID6B8xopCjArIp5VsgjFcd8XrO31L4da48paOSG2klt5Y3MckcuOGUqeSDyPWnX2h6vqjpNpfi+502xMarFEtlBOuAMbtzD5t3Xmotc8M61rHgm60SXWIby+uB5Z1C4gEfyZBwUQY7dqA1OEbxVf614cufBvieSSPxZo97ZRm4hmaI3ls1xGiToePvKxRh2J5r1zwr4btPCWiQaRZF/Ity37yQ5eRiSXdj/EzEgk/SuX8ZfDWHxdeeG9Wnmjtda0W6huEuI87ZEDo0kJ7lGKhgD0YCu23lh1+YBVP0x/j/KmMueYFUjvTfOxUatheaaaW4E00MV/ay200XnQTo0ckf8AfUjBX6EcfjXi/wANfE134K8QyeDtauLmfwveXV1Z+HtSkmbzIjFIUNs74yCVUFT04xmvYt5Vc4zt5xXCQ/DaTxV4G1Tw/wCIbZbQ3N/cXcFxazFzAzyF0dGwCrIW7dfegR0Xw1mmm8GWUl1eXV9cyPKXku52mfiWRRycYwoA6dxWj4w8XWPgnwtqGt3w3wWkW8R/89WPCIPdmIHqM1y3h7R/F/hnwN4f0yzm0e41GzgMd42oecUdskhkKE8k5Jz6j0qh8QPCnibxx8M9a0m8TS01lpVntRp7SeRL5bq6qfMIwx2kZ9TQBsTat47t9HTUfL0meRijzaRHbyGREYjcBIG+d1UnIK84OKh0rxvrXjW91Z/Dn9nWmmWNybFJtRieVrmdQNxUI6iNQTgEhj3AOKm0n4jRavDamHRtUh1WTaZ9PuraWIRNkF8ylQpVfmAKkk8YzXK/D6YfCq11rQdbF0qrqM97YXkVtJJHeQyHeArRqwEingg4PHpmk9tANiH43Q6hoNkbOw2eKbzUX0hdLaQbYLpBmUtIMZRRh9xBPYeo1LrxB4u0a4tUurHSdRgmjnkF1beciwyrGXVGRicq20/OPXBAzXj1r4K1rwvqei+PZtOuJl/t271S90uHMk8FrcKIwdq53Mu0MQMnDH0NevS+P9N1TTLoac01/AtrK8tyIJESP5MDIZQSxPG0A4pgbnw98UT+LfBOjazdRxwXV9brJIkOdmSScDPQdK6XcNvXmvOPgrIF+GPhyI8PHZpHJGysrK46jBFd6j5GSMfjQMtq1HmdAeCeRmsDxTrEvh/R3vY4lnkS4t4TExx/rJkQk+mAxP4VstGyseDsHAPUAfWgB7sO7YHrXjnjvxRaan4quLy5Kz+H/BoN1LGOVuNQI/dxD+8y+gzy616H401e68P+Fda1Kyga6vLS0kmgiTqzqpI/LrjviuA8N/Dez1Dw74Ql+3rd2EUo1m6AXcNQuXAdZC3oGJOP9lB2OGI6X4YeG7rQ9DlvtVG7X9Wk+3X0ndWb7sX0QHaPofWuyjkK9TUPmHaNxLEjknue5Pvmmlh2HNAF5WHVulcH8VtJu/7OsPE+lIZdb8OSfaYo163FtjE8HvlRuA9VrrhOcgA1IsmGG4HHcr1x3x+FAHlnwz1q20HxJNodnJv8Pa+h1nQpEGVXPM9uPozB1HoDXrEbZ+g9q8W8Q/Dq98O+H9Z+w3FssGk3p1vw+5JRrXGXlgbOBsIyo5xhq1dL/aG8K32n29zcJqloZI0JhbS52VGZc4DKhBAGR1pAersw20LKO5rzQfHjwYvJ1OeJF7y6fOg/H5Ku6l8V9BtfBeo+J7S5+32NsGQKqOjSScAIAwB5LAZ9zQB6As3zYGD369Pr6UxZPM5B4PIrza4uvHy+Gp9UhudJnv8A7P5y6M9m2xcqSFWTfkuBxzwTVXT/AB74iu/iUnh8nTjp/wDZS6qzC3YThC+0xY3YGCQKYz1E3Hl9QQM454/CnicHGBz0FeZ6P4z1y9+Kmu+GbuPTVs9Ngjn86KN1eQSDKZJbAIHU/Wuh8aeNLbwP4fbU7qOSbMiQw26cNNK5wqDPrz9ACe1A7nVbt2WB6dfb609Z+gI4PevN9U8UeM9B0o6pc6RpV9CpXzrW2nl+0QoWGXDEEOVBPChfxq03j671jxHqGi+G7S3upNNKi9vtQlZIVcjPlgICWYdzQSehq527hyucZHSm+du4A57cdfp61wFj8ULNl1yz1yH+yNW0WPzb61aTzF8oruEsb4O9SOgxkE+tUbX4ia1PoY1y38NrcaLt84ILv/SmgwD5gQrt6EHbnOO1OwHpmW3EEH39qX7vJ4H97t+deY638Y0sY/DdzpWlR6rpuvSxw2s5uhGQ7AkBl24HAPftzir/AIm+Jl34c8QaJpX9iretrDMlvcJebApUZfI2jGB+dFh3PQVkVlyrBh045p6yD1qks3mgORyR9ePrTs45xj8aQFtmzUZweDyOhFQG4GOvI4I7ikZ8rk9KQHnni/RNdvPir4b1q10v7RpulRTQzSG6RWkMnG8KT0APSmfEjRtf1TxJ4Q1DStFXUIdIuWups3CRh9ybSo3HOR9McV3U1yY3XCllbqc1Y87auATtp3A4W51Txc91Pc2PhUWjfZmDK9zCZLmUAeWWIOBsGe/NYN98JLHV/hrc20uhv/b8lsxDecBJ9qOD5g+bZ97LfT3r1RbrrwcevIpq3SGQI3JHIINAGR8NpNabwvZxeILN7TVIEWOZndXEpVQDINpP3uD9QfWutXAOeKpfaML2P481S1XxDaaLp9ze30629pboZJZG6Ko6mmI2ZZAzA/KuKb5g2kda5rQfGGj+LIRLo+pW2ox9c28ocgZ6kDkVpyXYTG3mlqBebPfpXP8AjbwvD428K6loc0rQC8haNZAu7Y3VSR6BgM+1akF4XDbuMevFNa5Ei5XBH50XA4bw/r3inSdHg0i98MzSapaxrAl8kyfZJNowJeu5eg4I56d6xj4f1Ob4uS6nfaN52nz6ZHZtceXEY2lRt28JuLAEZxwOcZr1HcFyQck9ecf1qGRgeASB3yeKpMZ5L4e8Ky2fiPxemoaGbXStTuY5rbzXRYSFVRtYK3y8jOfaub0Twdqccthq2lafG2qeH9RvLaawEuYrm3dyx8l2PAAf5c+le2atBaajZyWl7bxXNrIMGGRcg859fUZ/CodPhtbGIW9paR2kWOFiAAPc54z2p3EYcXiPW9UjYroFzZ2yo3mrdNG00xIIULhtoI9SeRXBaB4P1aD4P32hT6Cy6u0E0MafuWJLlirh8npkZycjtxXsshbj5yfqTxURZfx+vBpAeMatodhJ4R0nS9at4tP12a0ht1kupk8y2SMjfIjZxzg4PXOBXc33h/W9Qkjn0/xU9jasqsIUtIpB0HO4jv39619U0PSdWlEt7ptrezKuwPNHlgvXAPpmtFIo440SNQiKAFVeABigDmotA1f+xb2zvdYTUrucMi3U1ssYVGBGMJj1rP1r4c23irwZF4e15oroxRrGl1EhVlZQFWQfNxkcH1rs3kG0jj86ptdgSMpGPRvT3p3GSaZYnT7G3hMnmGOJELY67Rtz+lX1YBSa57TvFlnf6hqWnoJIbqyZN6TfxoykiQe2Rj68VrecGU8kevB4+tIC55w257GpI3z9PfFY8N8zzMhGAOlWReryu7H07UAZ2ueGW1nV9M1A389v9iLusEaLscsNrbuOhBom8GabN4it9e8opqdvA1t5qn/WxNjKsepIwMVnf8JhPL4uOkw26SrFbia5mDcxsfur9SOa6P7duVTQUY+k/D3S9G1OPUbeW/FxHuYK95I6EtnqpOO+KwviV4QvrrXNC8UaLEl1qej7o2s2baLiFwQwU9iMkjPUiu2a6bgU15c9e1O4HM2PiTVfEDpbJoF5pduzf6XLqAVMxkYMahScntu9DXPeFdF174Y2M+kW+lnWtPMjyWNxBKqGMOSdkgYjhSf4Qc/WvRVuAV659Op/nSrcfLgMVxV3A8jvPBeq+H/B+sag8Udzq97drql4WkOxNkgk2jjJHy1f8W+B7T4oaXousQlrLVoGiu7eYnO6PcrNE5xyPT3xXceJ1WTw3rCdGazmGc8/cNYHw3uTN4F0OVSTmygznvlP/wBVFwM9PCOtR/EmTxCklmbGazWxkt23b9gYtuH41Y0XwfqmmeNtY1yS8t5bbUtnmW6xkMpRAqEE+2a637RhSe9MaYsvPFJgWPMATrUW8MvWqrMVXrUHnsr4PSkMtSShW68VB9oXnmoZpsqSDu+nNRQ8ZzTHuSTXIHTrVOSTHPWpbgD8fTv+VV5Jh5WMY7c8fhTuMRpN2OKKhWX93kj6UUmB6d8rYGakUDpmq3mAMAaesgOccGsSCZovemsoH17U0Nt6mk3hj1pkiGEOSc9e2OP6/nShfUDApegpFPWkMURkt/8AWzUd1pdndgCe1guGUbQ8kauR343DgZqbPB5o8wDigLC+Xt4B4GAOmMY7elOC0wtSrJQGwXJWG3lmYMyxozlYxliAM4A9ap6Pq1pr2k2epWMpltLqPzY2bhgM42sPUHPB54PpVqS4WNS2/GOeK8/0nUrXwL45vfD8tzbw6brBfU9PWSVVEE2R58PJ4yf3i57b6BXPSBggUvG2s6HUraT/AFd1BJkA/LKp6jPrU/nLIp+ZWXvtINAiW8uoLGwuLq5kWG2gjaWV36KgBJPPsDSaPqEOqabaahAJFjuoVkTzo9sm08/MO3b3riPF11/wlmvWnhONs220ahq+TwbdG+SFj2EshGfZT6ivQLcoYsJkDov0Hb/PtQA+TEmMUeVnBB6c9M0wMvIPNKshXODgUDEVWJ5JJHHrjvxn39ak2lhtbnuCTnn1Oe/0qONmDcnFSMzBck8UARfZtm7BOWBO9j8xNPjtUjydqqWwcKoxnHXGOD+dSQtuGTzU24Y6UAQLFjPoeeOOffipArYwOKQybmwBUqfdyaBHD/Eb4aaT4osZJ00OzutUe4t2adkUSNGsqF/mJ/uhq6LQfDOl+GVmi0u0js4ZG3MsQI3HsTnPbitXktjtSqvNADJE3YBztPBx1wa808C7vBfijV/BM7bbRS+p6NwdotpHzJCv+5ITgHnaRXpknPHVe+PSuE+KOj3txpdp4h0uPzNc8Pzfb4EHWeLaRNB77k6e4pgdaZPmwKliUj3rM0nWLTX9LstSsJPNs7uLzoXPBKnHBB5GMEc/0q/+9UZVSQO68ikAu35s09CSQDnr2NH7x4yWQjAyeKp6jqVvo9heX15IIbWzjeWZz0CqMkfj0980AcP8S5JPE2qaZ4JtW51D/SdSkT/lnZo2WX28xsD1wK721tlt41SKNYwo2hVUBVA6Afhx+FcT8L9LurmHUPFOoqRqevyLcBSOYLUD9zF7ccmu+X5eKAGtGJM/3sEdAe3vXnX7RGhtqXwh1xLYKr2nl3wHKhxEwZhx3K7gPcCvR14bniuU+MBH/CsfE53YK2EueeRhaYzO0H4peGta8PW15DqcCyvbqzaeHzdI3Qp5eQ27cSAcY4z0ri9WFh4i+P0KS3txZSHQFx9lvmgmD+bu8o7G67SSVznIr1LQ9Osk07T7pbO3+0Paws0wiVX+4OpC5POaunSLGeZJmsbdpxyJfJVmznOQxGT+NMR5B4aspNJ+NPjWz0q9F5ef2VbtD/a1y0pkkB+6zctgdwOcZqD4r2/jCbwxpmra9p2mxxaPrFrfyR6TLJJuhUkO7BhyRuHTsWr2JdD06K+F2mn2cd3uLeekCq+SCCd2Mk4JH41oIi7WVgrRsMMjchgeCD7EUmBjN4q0ePSY9TS/huNOmClJI2D+aGxgADkk+mM1578JYD4f8dePNBvAUvJNR/tOBW6z28g4dR1IGADjpnHWvQbHwD4d0y+a9sNEsLO6Jz51vAsZ/AYOPTj1qfXfCWjeKI4l1OwjvGh+5IwKSIP7qspBUe3T8aBngXxd0K+8aeNPGU+jRvMLTw8ltM8HzGWdZBL5QI4JABGOvFey+C9ds7r4b6Zq3nRR2EenxmWTOEi2xqrhj7EEEevHet7RNFsfD9r9l061jsbbdvZICRubpyTyTjvWPcfDXw7cXz3Z0yPzHlE7xqSsTODkExg7fqMYPU0XA8A0fR7+1+Hfw5ilkk06WfxH5ltIyBnjDlyh2njkfMB6V3fjDTdVs/iF8N31LV21VW1CdUVrVIip8nBPyjPPpXputeAdC8Sy2b6jYmZrQq0BWVk8ojoQB3HY/h0qLXPh7omvXdjd3sNxLc2I3W8guZFaJhjkYYckDB9iaLgdFDIegPyjjH4mp2kO3jrVdY9rBRuIHALEk4+pJPr3q1GAFwaQHI+IfDviDVtS8/TPFs2j2+3H2VbGOUbv725jn8xWfJ4P8cqp2fEGTH+1pUFd5xngU/hhigDzCTwj44Ugf8J1G7+r6XF/SnN4V8fxqNvju3PsdJT/AOKr0aaBWb6USLH5e0DJoA8xl0H4jdR40058dN2lAfyanjRfiUuzb4t0okjknSz/APF16F5KyZKjpT1h3LyOlNMDz59J+JzEf8VXo5A7f2YR/wCz1l65pfxDt9J1CS/8SeHXsRA/2hZNMc5j2nf/ABf3c16n5YzwMn3pk1lDeQvDcQpLC42ujKGBHoRTA/OrRdD1zVNZWbw5Y3084f5JLBSgXJzw+NoHXjOa+qPhLafFjT7i2PifVYZdMGVa2vnEtzjBwNy+hweSele02+m2tnH5VtbQwQgcRRxgKuPQDFOaBdgUZ25zjPSqcnsBVZRJuJPGeOTxTbVzHuUN8tWfJA4xS29skJJAyTUWAgnZ2O4PtxUMly5GCas3UJZsj8qZ9kVl5pgV22yQ/MOaSKTbIoHSp5LVNuBu/OkS3ROcH86YDbiY7cdKp733davzqrLhV/Gq/lhTzQBXaQnrwae0hK8VKYV6mkkjXbntQBmNlpOtMZd8gGepHb37+1TtDhiaFjxyByOR+FAjz7x9ay6DJZeKLXbJc6eNlzCzAfabVslovqOo981s2fjbR2tYZTren7ZUWQM10iswIyNwJyDzjn0qh8RlF3deGNPA/wBfqImcYzlI4y/IPUZC5+tYvgPwfomqTa3qT6PYvHNqc4izChCou1MDjIyQTTA67/hNtBDkf25ppJ4/4+k/xqjefEbw3p9jLdDWLG6aNGk8mG4VnYgcKADnJOBWyvgLw4qNs0OwDMOvkAVyXxE8KaVpemQaxZ6VbRyaXdJckLAvzRZCyZA64UsfqBSAufDJjdaW+qTyLNe6nK9zPIhztJJxGf8AdAxXdxr8q85rz7wS0ekeJtX0dEItJwNStDxjbJgSLx1w4z9Hr0iFUIGOtA7iMC2MUzczEqBkVcWPHakZQpBAoKM1o2DLjp3qZoyNoHWrqx7uT0oZfQfN2qgMnVEBsbpX5V4HH5qR/WuL+Etw8nw70Zx91LZVI9MDHPp0qf4u+IbnTLfRdFs5mt5tc1BbI3EZw0aHG7H4HH41RPwn0y3s7D+zS1hd200U+VJVZQG+dZADyCCaeyA64XMY3l5owqjc2HBIHqQKW3ure6z5FxFOAQD5cgbGemcGvJvCF9p/h3xp41tryOZ2S+G1VhaUBGXOzjOBmmfCmHULrQdYTRrqOwuP7YuUdrq33Ex5G1cZyOtMD0rXPEFhoLIL++jtTINyo2SxH0HNVo/FGmXWmz38V9BLaQnbLMrZVTgHH1+Yce9cd8OJptc8Z+LrvUXWa5tL0W0KscBFVQVwCOMnnHpVT4uaTbaLfaA8H7mw1LWoDdR4CoXCYUgejYH5UgOts/G+l6lqUenpNJDcsC8K3MTR+djrsJGGPt1pureMIrW+exsNPn1W6hXzJlt9oCMRkKdxAJ/GuZ+Ndutv4Jgu7Ybb+wv7eW0YffDhwu1e4znkVR+DN5LJN4rF2rfb01mQyAZztIXYfYYwPwoGbGtfFC2tfD1rq9hafbbSW6WykWVzHJC5bawdfZuP1pNU8VajY+IdFsvsdv5WpK4MmTujZFzt568Y596828YpJb2vxGaL5bT+1bWdHUAoJNyF2Hvnnp2rofElrc6f4q8G3t3qb3aG9eJVkVEC7ojyMDkEY/OmO56su1o8qRtIB4oqAMFXgewH0opMo9EkkOMinQyE8E81Va4DR5/SnWsnygsuDWJmXnY7aatx2IzUDzBuBxUSTFMkigDRVz64FNMnzNjpVX7RuwegqZXUrlTQBIJu2al428mqbSJu5HPrSx3W7jbQBY3Hd7U45PHWq7XGGORmoBMWY5JCd8UCZOynf8mCwPGeee3HevEfGOn2ni4eIPtNrHcnUvEFpo1m0iKxVYdvmtzwG/13TtxXpfiPxdBot9aadDDLqeqXCmSOzgC8IpHzsWIAH1I9sniuC8E2sl1q2iWMyslx4fmvLvUrW52rL9om3mN1AJDofNfDAnoKBHdf8Kp8Gyls+GNLwpwMWy5/MU0/BvwPJnd4YsVzxlVK/wAufyrqbd12gBsjn8f881Or9Np+bt9e1AHhfhHSrTwPeaPeJEsd3pWv3Gi6rIijM8M5xFI3sA8HXpjjvXvnmeU21ic98jB4yMfyrxn4iWcceta/YSK7WniXTo3t0t4jJKLyEEKSg5+75bFug2cmvRfC3iq28SWjIZPK1K1AW+s5ozFLFIeSSh5wTkgjg54zigDoo2DE8VJVRZdvSpkfAyTwaAJxjv0p0jhsYFQiRW6MKPMXnBoAlhznip13MCCMCqscmOc1JHcDoCSaAJ09ql3Dbiq7TY6VE85C5zxQItM2M0sbetVVl3KD60+OUZ69KAJz3psihsEduo9aRpguCT16Um4PznigZ5V/ZfiL4fza3pGneF28TeFryZ57NIr6OJrZZRmWEq5GRuyRjoGNcRN4EsI5Ofg9q0Azx5esq2B35EoNfQzOFYjOV7ZqJ2PZ/wBP/r0AfPieEtIUtn4a+LoTnGbfUsgD/v8AiuuvLjVfiM2leH5vDuraLoEDxy6i+qFQ1xFF9yFcMxO4hcknFenrcMjYDZHc5I/rUjSBlyzNweOS386AJ4cL2AGP4RheOBgfSjzCzcDIqMOMDBpFY0ATl2yMDn64ryXxJ8Qk8Yad4z8FfYptP8Tw6dIEs2lWRbndGfmjPQ5DLxnPPsa9TZyOScD1z/P2rxrxh4Bl8V+IfE+o6TMLHxVpF9bT6ddkEDf9ljJiYj+FunPHNMDotP8AiDLouk3ltceH71m0W0he52SRt8hi3ZQbsn5QT+HrVqT4oWkHglPFsulX66Y0XnsqrG8qwn7rlQ2ME44HPtXn/h/xcvjTRviFfy2j2F5HpqQ3dnLktDMsEoYc9hjP4is+5g8RN+zmQL3TZrRdCXMP2N1lEYUcbg+OMDkrjg/Wi4j3TRdaTXNNgvhDNbLMgdYpwAyqRkHCkjkGtNSOOevT3rzW38fQeFfDWlSyaXqN3aRafBNcXVnCGW1iKAbn5yR34BOOa9DtJEmVZEbdGwDKR0YEA7uenUUgLYY9KkPy4qEsPxpPMz1oGSyYx8vNSR4C5NVg4pVk3LwfrQBI0wZvloVt1IFC/jTQp3e1MCcsNvvSqSRUHHrTt+xc9BQIf5vUYpY23cZqGR1AGCOaarlc0gJ2U+YeaZJSM5JB70THaBmkMajAZ5qSNl2nmoIx+VKMq1aASMNuDSLKcEYo3Bsc0ZC80AAbOR0NRtnnJpxfPambvmoAb3opQ4INNZuDQANg9ahkYDjNKZPm60yRlUfMcUACtt69KSbO32NR+Yc5pzH92B1oERcnvUbRNuqbimFj3oARkIFNdtsY9aVn71DI2/oaBkbMGaqt3NFbwyyzSLFBGpaSR/uquMkn2xUrLtJ5xXCfG5bmX4Za4toGaRVV28vqEV1LHHfgHijqBja14utb/wARaRrQiurfSoYZY4rmWDEbSSMoRvVUO0qCQByPWus+HOiy6L4TsbW5K/aUVmlKkfMWYsT78n9KxfFjWl58KNUlUq9jNpuYtp+U7kygX33YwOxIrZ+Hv2j/AIQ3RRdNI062kIcyDDZ24AP0FNAdWv3cGql3ZpdLJbyrvimRo3U91YEH9DVhXz0NQMzyTADOc8cE0MDyPQ5tR+0WKWNpNqM/h0z2Ml1Cyqt1CONq7iOeEP8AwE16f4R8T2nibTYryzdvKYlCkg+eN1OGRvcVwnwXuV0XR9T0q9nWHULC+mM6yNtYAsWV+exB61Z+EFs5vfFN4qkWV5q801t8pCFMAbh6556UDPVt1N3ZNQ9GPcUqsC1IZOGP4U05bI9eKj8wrkU3zjHyRmmgON+K3hC48S6FZXVjMseqaRcjULZZsBHZc5UntkAc+9V7HxRrWrWcUEehXWnXLYaSWcq0KjkMYyCc5/rXWa9i60DU4yMeZayqeM9UIrnvhjded4J0N2Jz9iiHJJxx/jmqA57w5oOr6f488UX9xp/lWeqSRzxS7wWDKu0qcE9RmpPh94b1fw/qGvfb7aFba/vpL6Fo5SxXfjKN9MV3zXW6Zlxx65pXk5FO4HB6n4O1TTfFd5r/AIbuYIJNQCi+sbtcxyso+WRSOh7UmpeCW8UaXeWmv3LO1wyujW5x9ndfutH6EHmu4aQVVuGXd8pzSA4X/hB7zVJbNdW1d762tHWWONYhHuYEYL4+8eBzU+qeAbC61Q6jBNcafeyIIppLVseaqn5Qw6HgnnrXUyTeWCQaRZPMXOc0DRykvgHS30M6ZJG01tJkzFz8zsTnJp7+ENOmW2SeIXAtMeQZSSVxzn68AV0M0wRsHiqb3CmTGadxgyLCMKOPVupoqKSbqTRRoM7jyWXjFWIlK9RUpIZsU7aB1rAgi2ncOKGjKqeKmxSluRQBWjRlXpmpYY9qtzUqtwaj5DZoAY0R35qSOMryRUjSALSmYbaAIZAcse1RLww+uaseYHGOxpvlruG7O3vjrQJnmFrbvpvx11R707V1HSIRp0jZw4jkBljB7tnL4HOBT9Pgk1T46avfw7nsrLQ4tPnnjGUabzAyxluhKrnpXoOsaPp/iO1EGp2NvfxqQ2yZM4b1XptPbj1p2n6RZ6PbLbWVtDa26nIiiQYz65xnOO/WgRYhTYq4HOKf8208Y+tTRleAOtOPzKQMZxQB5N++j+P+24JUyaCosjKRs3iXMu3nk4AYj0Bq5G07ftDJJbI32eDw6Fvhuzt3THyg/q2MY3c4PFdtr3hjTvEUEK3tqJGt3aSCVXaOWNjwQrqQQCMjr3/CpND8NWHhyGWOxg2CZt8sskjSSTN2Z2bJYgZAOenagC80hdvlOBnpSzSNlk7YqdEHoKd5a7s9TQBUXjaBknFSx7vLHHzVN5ajnAH4U6JR260ANdiuFPBNSB9uMcjvT2UtjNR8A+tAEX2xfOAzStcfvMZ+WntCmQQozQyqWIoAsq4xjHHaqUjeWztVndgH9Ki2hvvdKACOXce5x0qRZjnGetKkK9R0NL9nAOaAI5GAUnPNMZWbIB6damYAfKRmnwxquT3NAGdLGY2BzTEmLRk7s84FaskYZRlazZLVUJK9jnFABvMbKNxOaVbko3Xmo2YN1ODUDcSDknmgDUZi2Oe2P/1+1c5Z+GbPSNTvtStfOS5u2DT7pmZZMDAJBPUdB7Ct/eGXrxioJFyp5oAwrzwXpeoS6rK8UkLaqiLevbv5bTBQwG4juVYhiOuRVF/h7pbeD38OLPfR6O4KCE3TttT+5k9V9q6nyztznimLGG+XOQKAPMvFl5D4W0y18LPDq95pbweXNdR2r3LrbAY8rKjqRhc9hmvTNAuo7mxtWSJoIzDGVhZdpj+XhSPUA4/ClaOSMsFdkDDnaxH4UsEcitudsnrk9fTFAF+aYRLkcmq3nswJPFNklJ+7zTcs3BOKAJ45jtxU65jU8VVMLSMpz0q3jCEA9qAITdsT0FOF4VxnrVdYWU8t3pXVVkVm/OmBeZi2O1VJbhlLqfu9qm8zrz9KrXEbTNkDFIB6yfcGBz3qV7vyuduRVRlK7fUU9ZCy4K0wLK3i88YNBvF4GSQe5qkY2Mm4dKe1v8mTwaLAWmugqk9qhW7Lckcdqi24hC4+Y0bNqDNUInjuQzY6VK31rLjV43JHIzV8NuQZ449KAE+1AcA5pv2z5sd6rSbo1PFVdz+YTjigZpNfAKFxkGk+1ZU/3fSs9Qz44owyqetAFt79F429s1l3moCT1AyOn1p7QmRl5OcVXe1JXb3zQBcjuhuxz8oqdbr0GapLCVwe9OYsqkgZNAE7XXzY6Gl83cOtUnc7ckYNOhl3d6AJLiYrjacZqAXAGdx+ai8UzFMcYqGaPb05oAcJS556VDOwkLKVBVhghuhB9R3+nel7VC6ndnPFAHOR+AdBjkj2Wkq28cnmLatKfJVs5JEfRST6ZFdLDOqqFUEjB/8ArfhioxkZGM0sMe1sDvQBPFJtzgUnmAk7gCOnIzSrGdpwOaaEbd0p7gZms+H9N1qcT3djDcTjH751+bjjGRjIx2NX9CtUs4FjiRYkQEBUUAAZ6AZ4FTNCWqe0tzEaNgLMzFV461Csj9zxU0ynikWPdxSKGqzM5PanXX7uLJp0OFbaafNGZI1HuB+tNAYt75slrMofCujLj6jFcV8K7518C6MxbI+zgfkSBXQfELVpfDvhpntQr6hcSCC2jP8AGzf/AFsn8K8kufD+reB44dPXXdZktypkWOwt1dVBPTn3NWgPbo5g78DBbp6/lTZmbzAuecE/lXhMkmszIzC58WXCgZ2syR5+gHSustFvfAGtafeT315f6FqhW2mF2+WtpyP3bD0VuVP+1ijQD0hnYAj2zVds85NW/LEnOdwHTkUj26sOBSKRnspz1otQV3bTmrflgA8ZqPb5fQYoGUbkN5xHXNUmjYyZA6VsSc+9VJNq5xTAoFGJwRRVpsGigR3k02FyOtNS4zg5ps8e+MjoaakXyVgSPa5bdgCneeWSm7MZ449aVVO0Y4oARZyufWmtcNtGRSPGx6Lk/WiSNmCAfjQArtuibAwaI5cLgmoxG2WHY0vkn8aAJo5B5ec0/wA7vnNVGhkRQABUsatt6AGgCaFhIzEGpWkVOduTUMSbOo59aew3UEgs43dMGpPtAkQ7RhqrOhAyBQisv8JxQBaimwoU9af9q5xVdV3e1IqlW9aBksN0GY5OCKtpKrLndVMR/eO3rSKpj2kgjFAjQX5s+nekVthz0FRW0gOeOKW6YLsA59aYCzXBzgU5m+TNU5WBbjikWQ7gM8UATxzbskt0p7HEnJ61EmB0707G6QE9KAJxIrdGz2pd3Xn9aqqgjVuOrZpZI+dymgCyLjy1AqxDcb1yayd2Dy1WVcMmCcCkBaaYSSHFNDN2OapIjbWw/FSxgqwwc0AX9xaPmqzKOTmnTMdnHTFUlkyQu7mmBJNjB4xVOOQmVgy8VYVTI/B4pZl2Zx+dAEK3YBPy8DiiO4DndjiqaxvufnIJp8K7Yzk80gL/AJm5cDpTFVuagWQ7gKmkb5eDQBPu2qD1prTK3fmqPmtxzkUqt60AW2YBgBzQzbsAdaqyNuzjioxKUIyaANFZjH97gUC58z7pyKzri4KjBqLziOh4oEazThep5p4b7QuCKy1kDAH9asxzErkcAUAXVZQuMUMcDg81UNxg4HNNS4LZ+XH40DLX3jzR9OlNVvk561GzsuPSmBOueoqUyE8Ej3rOW8O4gjpSfaP3jHFMC9tGeDmnfLiqi3Q/u80xrxTnApiLi49Kk3HoKzvtWTjGKk/tDb26UAWJWOcEio9vHrVT7SCxI5NL9sOKAJNwR+pFKxLdMVQmvAX9acl+h4HWgZYOTTWIXqKhkvlbqu2mi4Vl460CJ2kXimCQemaqzzo0eMfN60kVyiIARk0D0J5l3cjiq8eEbmpZJAwyrcelVmb5qBaFppgMDFQvIBx61VmvAuB1pjXAbGRigC1uFNbpnFVPtCrzUqyblBzQMXGT0qReOMVF9oCnBHFN+0DcMLQBbVsVJuWqTXI4xz61G0u7kcGgDUjZSalZwnbFZyTHqeKVpmbqeKBmmjLtznINMa4VelUfMO0jPHam7vlAzzTGanBOR3pJG+UjO3IxkdqijuFCjnNY/jHW30Xw5qV/Eu5reBpBx6Dr+FMRyk5HjL4jyNu32GhrsjQdDO33j74HH413G1Io9uAUznbj17fnXDfDUW+n6Dbwi4he9ni+1z/ONzBuj/Q5/SutkuG6EHOcHir2GWm24yvGB0BrG8Q6Naa9pd5p14P9GuFMbMOo5G1x7jqPpVuaRlwRwO9Q3Em2GQv91VyTkemaV9QOX+HniC6urGXS9Ub/AIm+lyfZ7kjA3jH7uQf7Lrz7ke1dbJcbThTmvK5Ndh1Tx1omoaQzLNPDJFeKwwJYkyIy3urE7fZjXohVtuCMkHqKGO5caQdc1WaQtnJqKRiq8DmotzMpBFBRLJPtXGetVZpMtgc+tOaMYXrmoWjO445NAA0oVfeiopIGbnvRQI9K8oNzmjbhQKVZOCDxS8etYEgqgikx+VKD+VN3DkZoAOKGHy0D5m4ob5aAGqoHJHNPOOOKTd7UjEYoAU4Yinqq1FSqxoAmIX8aWMAdajXmpMjBFADzheQOab5gbrTlYLxnI9aTaKBWFXG0nFKArfWk9qVZB0xTGSqqqvWo5m3H2p25cUyTBHBp2Ex6t8vTApV6c80xeVNN3FcUCI3TDHHIqaIDbjHNNPrTo5B070ASKo9KVQM+1NRvmokODgUALIqqo55pQoZeKjVS3WpI8rx0oAryQljwM0+C3P8AH09M1MqndyeKcPvY7UWAI4kDYU8UMu08U4EbuODQRn60WAaTxzUYt04OPm9al2+vShcYPr2oAh8sLIXB5PanMu6nbfyox6HBoEVvsYUnBzmo/s4jb2qyFZW+Y0jDcwosBT2bZMDmpHXIxTpIyrknpQWH4UWAqrCeKf5fap9vFHHXvRYCv5RHIqGS3dipzjFXN3tRzg8UWAqNCWHJzTJLd2wByKuhegNNZfSiwFeGLa2OwqR8jhaRvlPFSKfzosA1I36nmpNuFAHWnLIVPSkMgYEjrRYB6t0FK7AKcdajY9NtRtk8GiwES7mkb5aXzCGKkdanjTPOMUrKPT8aAIgpPQVA9q5bIq2MLRuAB5waYFdctIFIxTZEKnnpVkc+9JLGJFxQBWhXlvQ0CErnHNSrH5YxQ3AoArSW+5hioGgKTZHStD7w6U36DmmBRkiaRQAKWNSnBq4c45qJoz1AzSAgaPg5qB164q/n5c7eahlUFgRTJZDbsSDmmS9c1PwGAA4qOTGaLDRQmQsc4odegq0Rk9KbJGO1FhlPyWwTVqH7qinpH6ingY7UgK80ZPSmbWQdKssp+lN57807DINuee/pTgp9KmHXpTueM0WAZt3LinbAR1qXHHSljXbzjNFhoasLEZPSl8k4qZmDYHQVLH8qk4zTGRJHtX3pssayo8ciq0bqUdXGVKkYII9MGrDcrmo9oZsEcHrTA+edUsrv4e+IlESNcNpO65tUI5udNdsywH1eM8j2xXtul3EOo2MV1BL9pgmRXSUNncpHDH36CsX4neG59X0GO/s1V9Z0stc23o/H7yM+oZePwrG+F99ZWHh0CK/hOnSSPLaQzOEe3RiCYiD2Vs9fWr6C2O98oEHd0wc1xXxM1Y6TorWsL4ub5jbp6qmPnb/vnNdJceKNIgYK+q2kfrmZf8a84+JF1pviC5sTY6ml3fSJ9mSOFgwXcfmbj2qBifCfQ1uGuNUePC8RQZ/55rwT+Jr09YQeT1zVLQNHTRdJt7VBhYY1QfXHJrRWqHYhkgUmomjGRgVZbvULZFBRE0YznFQyR96mJzVaaQ8gUAREYzk5oprN+dFAHfU7uKhjb8qfurAge33abjcppFbd9KPXFIAQbeSaUtu4FMz60ZxQBIKbIu7vTS2Dk0m45oAfu28UqNzUTZ70qsBQBY3cc8Uu4VCsgzSFj26UATB80/d8tRJ696d9aAJFbv2puetN5/CkYhR1qkIUsd3tSxnDZJ4oRhTcFScdKYixuHXNNVvm9qjD0q9c0ATMoNM4DjmhmzSeWOuc0ASfQ07OcVHkU7digBzZ2mhcdzSE5FJ/DQBL5nQDpUn3VyarFcrSo3rxQA/cd1SliF96r7h1zxTpJumOaAJg2R70mduajX5lznFLu7HpQAu7rSbtp5prNhuKUDcuaBCtkkHtTtoK+9Rs3QCnDNAEM6471F/DViQBqrspVhQAhcqw9Kft7mk29yM03cM59KABzt68UB8ijG/rTduKAHs3cVEz1JjjFQt97FACcHPrTt20GjbSH9aAHbqFI7VGxHrQT8p5oAeWOfapARjk1XX65qVWGRQK5Lzjinfwkd6hMmKTzKAuP53elLtBGT1pF55NNL8+1A7ki4FJkc0zzPemNJQK5I3eozSb6bzuFMdx27ApDyeKRiKjZyvIpgSGjPFQ/aRz60qsPvE0AJ5h3YIwKjblqfJIMEAVCSaBMGbbUTfdz3pzH16Uxyc/LQCIyTuo5/CiT16mm54oGSeYMHmk8wLzUXQGmFqYE5bdzmjIqJWzS57UAP3ccUu7kU1RxzTsUASbuKepzxUS1J060aFIerHBB4qbeWAqvketOV+maNBlgZK0HK80xWz06UsjZWmAhbb82cEc9K4q8+E/hy8vp7lrIBpWLsFcqCT14rsT9KbVAchH8K/DUK/8g5GHYNzj86vWPgvRtLmWa2sIIpV6MqAVvnHrUbdcCkBHIuV9T1qI/KeanbpVabrxQUhHaoWb1pWOTTHoGQPIRmoGOeaklqByNp55oAY33qKhkY0UAeg5AHFNZdx5PFL2NJWDIHLKFxxipFf1GBVc05Sc0ASMwXmhlLYNQy/eFP3HaPpTsA/jIFN/jHpUcZPzU6iwD25pAwqLcdw5p9FhDqcOlRN0pCxyOaLBcn8zHFLvNRD7tOUmiwXJt3GKY7cimqTuFPl+7QIcpp3NRL2p1MB9LkY64qOg0AL5+xhxkVJ9rGOF5qlJ/rBRQBcEu7mnlulVIWNTqxPegCYSdqRmpjdKRulADvM7dqN3FQZ+apFoAVWweTT2bOCKjahSaALEcoK4zzS7qrN8o4qVOlAEwxJ3pS3HFNxtTjiiOgBpJVhmpGkC4BNRNy3NDKMA96BCluuahZsnmpT2qF+tArjgSRTFYcgmnL0qJ+GoC4/dt+lIWxTaVqAuO3bh1pgU88Uq/eFPb7poC409RTGU0N1FDGgY1RjrTWXcfQUd6MmgYwL5Zznin7+M0xu9RgmmSybeWal3+9RrTe9FhE3nflTGkO0VGv3qe3SnYYeZxjvTx8y1D/FSuTxRYRIWG0r3pd23g1CpNLIaCkP3c+1QyvQGOetI3WgY1FyM07d2pn8dJnkUAOdgOaZ5maQ0jdKBCHNJ0pGNRsTmgBzEc0xmxQ3SmP1oGNZ6YW/Kkm+7US/eoAsRsD0NKc1CtOoAsJJ8uKcWx1NV0NPYniqQEy5NSluKrRsdw5qbNMCReeKftFQqTuFSg0FDlb0p+TtAqId6eO9AAaa3yimiiSgCPnNNLYyac/3TVcdTQA9m9agkYVJJULUFIiZhzUUknvUzd6hbvQMrSNuqFyKlk+7ULfdNAEEneiiTpRQB/9k=)



Азлоцилин получают реакцией 1-хлоркарбонилимидазолидин-2-она с трифосгеном и ампициллином в триэтиламине. Мезлоцилин получают реакцией 1-хлоркарбонил-3-метилсульфонилимидазолидин-2-она, образующегося в результате реакции имидазолидин-2-она с метансульфонилхлоридом, а затем трифосгена с ампициллином в среде триэтиламина.



Аспоксициллин получают амидированием амоксициллина N-метил-D-аспарагином. Для этого н-метил-D-аспарагина хлорид вводят в реакцию с триэтиламиновой солью амоксациллина в среде безводного бикарбоната натрия.

![Diagram, timeline

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4R3ARXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjI0OjA5AAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAM5NwAAkpIAAgAAAAM5NwAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NToyNAAyMDIzOjAyOjI2IDIzOjU1OjI0AAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAADBMAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAOwEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A7RLHUJJPMa4ER8zdjJPA24H04PGe9Tvb6dJOL2e4BchH++FHyggEDr/Eag1GJcaTARGliskaIpQlc92wMN6bc/jV6fVpIY0W2tGcPCHQKcH7rHGMH+6B9SKAHPd6pO+IbQpHvZCCCGxlQGySOxJ79KWL+3HkCuVijHUgqSeR9e2fxpCJ7ODVFnt5LmZSuP3qqRgnb249aDY6j9wXnybCp+c5ySOc464B/OgCVbC82TK13w7IyYB+XDEnv3GB+FEGl3EMMsZu2YPGqLgEbMADj5vbPbr3oGRDRbksC+pykYQY2ntnP8WOc+nYVJb6TPDuMl60pKOmSpGNxJ/vdsj8qAIJNClaExnUJCCCDuUkEEYwRnkDt6H1pr6NcPEyrfyxE7l6lsKSCMcjnIP4NjtQAp0eVoJ4nvXYSNG65DfIVfd/ezzwO3SoG0W8Du0epMN6FMlTkc5znPX/ABoAYNGvFmM4vz5zKquecNtLHHsDuI9u1Nk03VCrIuocMepJyOPpQBNd2uoOpNvcqjGMDa3IDDqc+n+FUrq11WOCRo5i7tGAwDZO7I5HtjNAxJoNZkSULIoVwwA3AMoI+XkDqD1pXGr/AGcYEXmBznvlccenfNAEIfWt+5reM4VhwRg8Lt43eu79KX7RqQDKbaNmHJXPI+Y47+g/X2oAhivdQJYS2JUiMtkZwW9KgfULwzJv0+by8EsNpOCDx2/zn2NADV1OYkLJYyfOwAyhAGTjnI7VptbwSnc8Ubbh1ZQc0DAW0ILEQxgtncdo5z1/Oo3tLcxrGYI/LU7gu0YB9aAIP7Msxk+QvPr/AJ/zmmHTLQsxMIO7qM8UAWodLvpyHvb07jjKITtx9OB+lXrfw/ZQoFPmSAAj53PAJBPT3FMk0oLG2i2iOCNABgYUdKtKuBwKQEgB7CpFXmgCTaKXao7UCBiB1p3FAxuRSEj1oAacUw4FADTimmgBpphx60AMPNNNADCRUZGaBjG4phoAjIqEx8nmgBpU+tBHIoAO1NNAxpphFAGuuBVlcYFMklUmpVzSAkVT60/juQKAHZRVBLgA8Ak9aYbm3yoM8QLYx845z0oES4WgYFADfloIHWkAz5c5pOCaYxhApCBigCM4ximlR60AMwBTGAoAoXyh/LgL7VlbDnP8Pcfj0/Gq/wDYeno5kSBEbsVUDH09KAFivYseVNNH56Ha3ONx9QPeo21CDcobcu4KVLYwQTgHrQASXtuqqfODqQTlPmAAxk8emRTfttv5Tv5uNoO4EYYYGenXpzQMjW/tnl8pZgW4PQ4IOec9McGpC6HH71OD/eoAr3NyVR1tyHmAyAAWA+uKbHeKY8zN5TgAsrjb+VAFa4vLxQzRRbuu1TE2cbcg5+varkUvnRbgCDkggj0oGbqqo61OjDoKZJKre1SjNICVc1kxaW7TSILpgEkV9pG7byxwCexB/DmgRNFpE32SG1muMxweXsKnBO0Ae2M/U1Nb6QIITEJmKkoTkc5VQo/RRQBf2H1o2epzQBm3A1FLmR7dA0RTaqnH3hzu69+R+AqtM2uvGVSGEMCpU7gM8ZPf+9x9M0AOdtWJRlhjHzkEFh935fQ9fvetRWq6tFMokVTESSxZ9x5bOBz0AJ/IUAaM1zbQyRxzTxxvKSEV2ALEdcetSHGKBldri2ViDPEGHUbxxSPLAmd0qLjg5YfWgBCyEZVgQOOD3pjnjccUAVLy0jvLdo84PVT6GqrS3ItfKNrc+ZsxvVo+uOv3qAFsrdLS0WEsgYD5gDwCe307VHFbQh5d6L8r/uzn+HgjH0P8qBj5beGYqXGcZA5xweo+ntUf2SCON0CYVvvcnJ4x169OKAIV021SbzliAc9cE479v+BH86ru1lDfyI5hU7FJDAepoAIri2gMyiVExIcg/KAeKhvbixmii8y5gO2VSP3gzycevHWgBGnmdmS0nWbYVxtKtleMkn161NbyTSIRKhR1wD78Dn880DN03lsjrE0q7icbQcnPvjpVaXXrWEMUSRyrsjALyGAY8+3ynnpTJNOG/hYsjnypF6pINpx6j1HuMinLdXE2HtoVMQ/ikJUv/u8dPc9f1pASreyFvKFrMJsfdZcL9d/T+vtSpa3kbmdblWlfG9GXCEDoBjkfU5+lAgbUvLWcvAwMGPMwwOCRkY9unP8AhQmqF5riBIR5kA+bc+A3+6cc0AX4JRPbRygY3oGx6ZGaSS2ilOXL5xj5ZGUfoaAIjYW3dWP1kY/1qM6bZZ5t0P15oAZ/ZWnnn7JB/wB8CmHS9O/58rf/AL9igCleeGdFv2iNxYQt5ZJUAbQc+uOtaCxRwxLFEqpGi7VUdAO1AGXLoyyQeV55ChHRTjkBgepzzjJqGfRmnZ5JLphI2QCo7HdgH1xu46UDJhp7wI5huGDly3zZKnJzgjP6jFQWsj6ojPMxhjU48qNuScA5LdehHAxQBJ5dzCWETJMh+75jYK/U9x+v17VmgVbktc3jMdgB/e7AG56AHjj+VADJNMWUsyTIV3MRlN2CeCCc81Ul8PxmEItywwzNymeocev+3n8PegDTOOvrTCmep70DILoSxwhoQSdwzxnAzyQO/FR2duFUzFdk0oDP9aAHi2RJGlAAkIwW7kelRXYIgwWPLKF+uRigCA6jB90l92CQpXnAzn8sGn291DdBjExOACfxz/hQBqf2VC5UyOzbCxXpxk5q3FZ2sSKqwodvQsMnv3P1P50CI9XiFzY+WQmd4xv/AF/TNakL7olYEEEcEd6BEyk4qQE+tACeShfeUUtjGcc4p/lxgDCKMdOOlADhgDA6UvFADSQBUW72oAQvjjFMLex5oAQcDJ60wsCehzQAzgetNP40DGO2F4FZ1hnDh4BGCFPC7fmxgj8MCgC6Qn0rNvdMhvJvMZ3Rgu3KntgjB/OgB1vaG1lbbIWibJ2kngkk+vvVlguaAGMFJqMqCTzQMaV4xmmlNpyDmgBCAeaZJEkiYcZWgCubG2PJiTP0oS2hiJ8tQufT8/6mgDcTHrUoIoEJLEs/lkl1ZG3KVxkHBHf2JqeFBFCkaDCIoUD0AoETjJqQcjrQA4D3p2PegBTj1pDigBDjpmm/L2oAYSM4pCVoAYSvrTCQDkUAJuB5phIoAYWWo2K5oGISp61GxAoAZkHtihtntQAm1SOKbtUHNIYhxTcLQA1gtNIBGKYDCBTCAaANRKnWgRIOlSqeKBDs8VItACgmnE80ALSN1oAZQKAEam0AMIFNIGKAGY4prUgIyBTCBTAaQM0z+I0DDApgGS2e3SgB6gbaQgelAxuB6U3AoARgPSoiBmgBuBk0hAoA/9kA/+Ex6Gh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRvclRvb2w+V2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NDwveG1wOkNyZWF0b3JUb29sPjx4bXA6Q3JlYXRlRGF0ZT4yMDIzLTAyLTI2VDIzOjU1OjI0Ljk3MzwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMAAwICAwICAwMDAwQDAwQFCAUFBAQFCgcHBggMCgwMCwoLCw0OEhANDhEOCwsQFhARExQVFRUMDxcYFhQYEhQVFP/bAEMBAwQEBQQFCQUFCRQNCw0UFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFP/AABEIAJsCoAMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTUWEHInEUMoGRoQgjQrHBFVLR8CQzYnKCCQoWFxgZGiUmJygpKjQ1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4eLj5OXm5+jp6vHy8/T19vf4+fr/xAAfAQADAQEBAQEBAQEBAAAAAAAAAQIDBAUGBwgJCgv/xAC1EQACAQIEBAMEBwUEBAABAncAAQIDEQQFITEGEkFRB2FxEyIygQgUQpGhscEJIzNS8BVictEKFiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/2gAMAwEAAhEDEQA/APoDVvFN+Na8N/Ydatry2m8RnTpYdOiGxkNu5ETnJyytg8HHzY7Vz9n8SNTk0zR9N8JaXHYDUI9UmFxrk7SvE9s5Lgpx1OcZYYz3qxZ+D9futdnuLbSfscNv4xGrs15IsCvCYNjMAMnl93GAela3h34OzWbWEt9rkgls59QkSPToQg23bFpEZnLZxnqAK5j0DtPBHiQ+J/CGh6tOI4bq/sYbt44z0LqPmC5zt68jj3rxX4nMLj4ubrDStQvNR03WtJvZYILB7iaeIfeaNguI4QrsNoblmbOAK9e8K/C/SfCmsW1/pkUkP2PSv7KgDyu8nleZu+djkEDoBjnJ5FdpG2Ebsv8AcYcdyOMf5BoEeD6L4C8TzLZR2vh6Wx+x+N5teT7ZLHbq1sS2CAGJzhzgFfwzXR6f8DtVF4+qy6zb6Prdt4gutb02exRphEk6qksUyEIGDKqnPqeMc16nDq1vJrU2lKZnu44VvHXyiU2NIVHzgbcls/KOfpS6pLe2v2MWlrDOZLuOGY3E4hEUTMQ7AdWbHROpxSsJHLJ8HdFuDpst7dXtxewao+tyzQskH2q9YYaRgQcLtJULngHnPWrumfBfwTpljFaQeHLdraOV7hIriSSVFkfO4qGcgA56LgcD0rmv+FoT/Y/Gw1fWNO8Lf2LrsWnQXgh88eWyxuoKkgs7hiueMdO3Ol4p+P8A4a8LahrVmbXV7yXRTG+ptbWR8qzjk5Dl3K5UDrgfQUDPS7e3gtTFsgjjMUYRCkYBVVUqFXAyML0Ax071caZpmxI7NnjkEtggdMjAOCT+POa84+N3ibV/Cfwk8T6zoUkK39rZeaksrFfLU4/eKACS4BJXOADg84xXNt4v+IF98QNK8K20nh7TY5NIXVpb5opbhnVZgroqllAzkc5Iwc+1IR69ouuWOvJNPYXMdyLe5e2laMMRHMnDqMjPBbtxjpjpU9zqFppaQPPcR26yTR2sbNxvlclURcjJLEHGByOe1fPOofFbxSmh6lp1/qlpHM3jdvDX9pxr9iihtSnmDDhX8vdtK78Fsvz1AFD4haFdWWj6CnijxWmvJpvjWyUvFdygWFrPnMMk4272UKDvwGUE9s0hHu3izxlqXhPw/wCLdWTw959votqLq33XaILxRGzy44JTZjHI55xx1sw+P9Gi8O6Jq2q6hZaQmp2sVwi3Vyka/OgYhSxGQM4z9PWvGpNS0eLxd8cNPj1CFrPUPDVrcwxyXDSLIr284OzcT8uWTgf3h61z99NdeIfB/gu0ttH1SeXUPAjadJf2VhJcvLNsUGzC7THEd65Z3GcYAPekB9Ca38UPCfhm6ktNT8QWNperb/ahbZZ5Gj7MqKpYg+wyewNVNO+NfgvWNW0ewsNajvX1ZglnMsLm1lkPIiM2PLDkA/LncOhGeB5n8PdP1n/hLvhTrVz4U1aFdP8ACcmmahPJY7DBJtjC7iSMKWicevTsar+Gfh34utfhr4F0pPDFzFe6H4ubWpY5biCJTbefLJkYc/NtlHGOMY96EB2d38Z/DnhrTfG+qteeItVt9H1NYryG4tCGtS6LtSMMF/dcbsn+8eeRXSeC/iVb+LPEmo6NNpGp6HqFvax38UWooime1clVkXaxx8wxtPPPOOlcD4s+E3inxBa/GGzt7Cxhh8YPbPYXVzejCeWiKTJhWIzsBwSfTsDXZ6T4S12P4qW/iq4k02GzGgro8tvFcySzBhL5nmAlAMZ4A9O9MBfE/jTxJp3xi8K+G9N020n0rUdPublpLi6MXmSRtGM5CNjYGzj+LceRjnIT45XTeD9J15tCt4kk8S/8I7eW73bFoW89ofOjbYA4ypOMDjHWup8VeCLrXfGXhfxNp+prpWoaKLiFg9os4mhmCh15YbT8o556niuR1T4By6lbahpkHjG80/QZtdHiCC0t7CEywXHmCRv3jZyNwyo2jBx16UkBb8bePPF+h+KNI0KwstEuNW1i9kjtrGQzNLHZxsfMupXUhVUDB99wGay9c+KviXR/D/xVnSHS21DwZcxCHEDmO5heFJQCpk+U4ZiOSBj3roz8I54/FGu+IE8X6j9v1iNbeWT7JBvhgXO2KJiPkUHnjqc1B4i+BOieIpdeM2q63aQa7ax22pWdtdKsV0UTYsrgqTu2gZwQpxyDTA7rVprq60K5k0+SKG9a18yBpojLGr7cjehI3AnjFeJxeK7vxVo/7Pfie+WNb671jyLgwR+WgMltPGQqgHHMYAA44r2yz0eOy0ODTIprnyYYRbpPJLun2gYBL45OMduwAxXKW3wT8M2fh/w7osX9qDT/AA/cm80xRfsrW82chgQBnBL4z/fNJAcZpHjLx34uuL3W9GfT7bSNO1qayurO+mt0tRaxSeWVf5TIsrfeGWAycY7n0L4q6hr1l4X3+G1e5vvtkCyW8ckcdxcwbsvHA0gK+aVxgHr2zUVx8IPCM/i6bxK+kFdUuJFmnWO5lW3nkHSSSENsd++WB5rc8Q+HbDxVYfYtThaeDzUnBSV4nSRDlHVkIIYHOOtMep5HpXxPvNQTwFd6fr2o3EN14rk0TVbXU7OKKdN8czRwzptyrqwQbl4PHFK/inxhdaT43sNK1RtW1DRvFy2UELTw29zcWQijc20Um3b5pDELwclcV6PcfDDwvfeHp9FutIS70+a7+3SCaVzK9xkHzjLu3+ZwPm3dqZb/AAg8GW8N3FF4dtYVu5o7mdo2dXeaMYSTcG3BhknII60hnmelfEPUpLz4czW2tay0F54ludC1ix1mEJPH+6d1hmG0/vEIQAg4b2qzpfjO5Xw54/vNd8Wanbab4V8S3UBnszGbma2WJPKt9wUjO+TjHJxj6en3fwz8LX2gtotxodtPpr3P214pC5ZrjJPnGTdv38n5t2aof8KV8CfZp7f/AIRPTfInnS6lTyiA0yDCuec5GW/FiaAM34OWniW18MtL4u1W4utbvmW+XTbmVHfTrZtyxREhRngMWJHXA7ZrkLvxhrPhv4spDrN7qf8AY19rTWOn3thOkunuGTbHY3EXBilDDIbnJ9ARj13SfCWleHpLiXTbJbWW4VFlkEju8gQHYCWJ4Xc2AMfeP1qsfAnh862+r/2TbrqT3Au2m3PgzgcSbN23cOMHGcAUAjw+x+IniVvhfpHxDh1e6lv5teFjqGguqfZgj3Zg8iNNgKSIu0hslvvHGMVh/ErWtR8d/C/xz4gu9auLaXQPFK2yaPA6rBBDb3cQXepBbexxKHJBPHYYr6GX4eeGodeOsx6LarqRnF0ZlBCtMAQJTGDsL8/e256c8VneIPhH4N8UaheX2p+GrS+vLqMC5di6+ftxtLqrBXYDIBIJpoZ598QfF2t/D/xZr2n3Wp3l/a+J7P8A4piZljIgvy2x4MhTkEvHIrHPyjHOM1LqWs+ItG8V+PvD0niS6mNn4Sj1eyvJo4Q8dyDKHYHZt2FkTg/3uDXaXnhHUtW8aaa95FpMPhbRJhd6XHbbnu5JhC0a78jCKm9/XPy9MZOl4o+Hfhzxle213relRX93bwtbpMzsp8puTGdpAZO+GzzzxTA8k0vxV418YeJvAllB4sbRrfxF4ROrSmCwhdorpDEH2FgfvGTkEHHOOlVfAfxB8Y6ha/DDWdV1eLULbxPeTaTe6X9iiRYnRZdsyMvzbi0DZ7fMOBjn1fT/AIU+FNGutInsNJNlJpNs1nZG3u508iFs7kUB+M55681Tt/g34Ts9O0uwt9PnhtdLvGv7ONL+4xBO2cuvz98njpyfWpsBz3x5t7+T/hXkumXaWeox+LLW3gupI/MWPzopotxTIJGDnHAzXHeJPiV408K+HPHVjd3ml32p+E77TpTqL2GEu7K4YY3RbvkkTn5uTwOle5eKvC+meNNKfT9Wgae185bmMRytG8UqklJEZSCGBJweawdQ+E/hzVvDOr6Bdw3k1jq8yz38zXj/AGm5ZduC8vU4CqBxgBelAHlGseMp/B/7Qni3w5pZg0698RT6TJb317Butox9nkEu/GAZHEZVFJBJGe1afxT+Luv/AA41K9Kvp1/a6bFZSyWC2jyS3EckmyaSUq2LcAn5d2d2DjIrtdf+CPhfxNcatcap/aV3PqlpDZ3MjXhzthIaIplTtZTn5hz8x9sUPEH7PvhjxN/aBvb3XHOo2kNrfbdQx9r8r/UvKQmWdM8H2GcnmhCRzPibWfFvjLxJ8RfCElvoB0HS7cLK00Ujzywz20jJsOdu8FQfmGCMVjfDf4oa94a8I/D1/Emn2MnhjWdFVbO901naeCSC08zEgKgNvSJj8vQ8c9a9Z8P/AA1svDPiPVNZg1DUrybUraC0uY76ZZAyRKVQ7tofcAzfNuzz6DFZ2g/BzSfD50iFrq91fTtGjlTTLC+KNHbiQbSWZVDSEIWQbjwHb1qhnO6T8XNZePwhf6hpViuneMIiNNNpK5kt52h82KGc4O4OARuUYByMcVX8C/GzWPEknhGbU/Dlvp2m+JJbm0tprS8MzrcQ7yVK7BwRG+DntyBXSaD8HdO0GbRYo9SvbvStDuJLvSdNnjjK2crKyj58bnRBI+xScjjk4rI0v4GDR7HwzZQeJrl4dA1SfU4N9jHud5Q/mISCPl/eyYx/e74oAoab8btS1TUr3SBoVra66uk3OqWtr9vDmJoXCGG4wmEk+dGwpYdRxiun+FviTVvFnwt0HXby0hbUr3T4p0jjuBtmYxgKc7fk3MCCMEKe5rnvDPwDk8M6xoV1F4uvJbPSUvLdLY2USPNb3DB3R5Byzbhy5HI4wOtdb8N/Bs/w/wDCVnoL6qdWhsVENo724i8uEcKrDcdxHOTnn0FFhox/DfxVi8SWeiyLpNzbXOoXt1Yz2bOpmsXty3neYPbb0GfvL61m6f8AHCzumvo7nRNVs7mHSjrSWbBGmltlbafkDDZIMg7XI4z6V0Wk/DOx0X4h634pt7qRP7TjRRaIuVt5mIE06+jMI4ckY5DHndx5vofwD8R6JqVndrq+i3UkWm32lzzS2komvFmIYSSvubdNkDqMAdB83CsMs3nxSvPFWrfDvV9Ltta0jSb7V1tZrW+txHHeRy2jyRtgBsjcAOo5U/j0OvfFC0uvC+r3ekX5sL6z1ZdIT+07Nm8283rthEecncHAyMYGTzis6T4Y+Il8D/D7SPP0251DwxeWc8kz3DrHMkEbIdhKfeYHHPAx3rlfid4V1Tw54d8aXl2NPjbWfE9je6TMl2yi3lJiTLvsCof3THcQ4+bpT0EjrfDfxh0tPDqSa5qZ/tOPUBpt2I9NnhSG6kchYQGXtlRknkEHvitRvi/4TXXJNHk1qOPUI7wWDxSQSIEnONqMzKFXOeCSATwMmvLbbSda8VeEfEfhux0mGPxBJqlrrlxdJrENzDcObhWZmkVQqMFh2hAucEH663i74eeK9QtfiLFZ6EXl1vVNO1LT8XcIwYPK8wnL5U/uz065oYzoviV8UYfDOraDpunX9o13LrdrYalbvA7uscrDC7uArDIJU5OGz0xnrLXxnoV5rkuiw6taTalEzq1qsq+Yu3BZcD+IAjI61494o8E+MrXRfEujWXhi41Zb7xJB4h06+huIB5WZo5Gik3OCsiiN1UjOQe3QSt4Y8XQ/ErSNSbwxqCWmn+I5plXT5YEtBaXETruUBwWkLHLs2fu4+k2Geva14j0fRdkeo6pZadLIu9EubhI2I46ZPqfoefSo7fWLCbUjZJqFrLeqoY26TAyjPPKg5x9RXFfEzwumreOvAeozaF/aunWst5HezLYieKOJ4gFLHBHDk9Txkt9eE0fwqdH8bNbapoWvXWsW+tz31lfwttsJbeZidzSgdRE2woTn5ExiiwmeveNvGkXhfwfrOuW8Uer/ANmRGSaGO4VNgBw3zYO3H0yR0BrdgmFxBEyY2ugdR6ZXORjnHv8ATOM18r6Da3tra6tHN4f1LTLbU/CF5pktlDps0UEU8TNsgL43SsFJzKxyzNwew2vCt8k/gXxLYeIzcWXie8soLk67FaM/n258vy1C4GPL2bJIictgnnNFhK59C3NzNBeWMK2M08Vw7K9zGVCW4CblLhjnBxtGAckGpWwzHHOBu+YAADjkgDgfWvn2z1JLez8JPcQ2+mGx8WmyeXT7h1srqGaA72jGRiPLrkfwkHnsOk0PRtW0fx9F4Nj+2NYWd1J4is7+S6l/eWpXalu7lvmxOwHOQVRT34aKPWLgBcFxtRjuV5AMcHGR29B07jjrVZphG3GVJyBkjHuOvY8cV4XoWoapPpvg2WLVNQ/t/WJrqw8RWn2lmlhkEUrvKEyREUcDafu4cVkeE/EmqadoHh7ULvxRqE51fw5qElzJcMtwLea32lZYkAHzBc5XOcg+tNgfRa3AbBY4yQAT3Y8fzHpSyTAR9yOmWZsYzyDk469BXkXwl8TajqmveINMv7+S5WO3tL21Sa4SacRSRtv3FeMFlDYHTfjNUte8fa74X8Va79tnupo1S9bTlhRJbS4eOEyRQgqN8cqFWyrcHt05kD1XVPEVhoFlcXl/dw2FrGu8zTHYmegHIwck9Oahg0exXxDPriGRr2a0WxLM/wAnlKWYbV7ncSeuOa8a8bazql54Ul0u7vY9dttf8MXWpwXHlpG1vPEqMwBUZKEOuOpDBuoIxds/idrN38PdY8VWV1DCmnyxKulXVnuljjDRhjOcghnVvMGAcAryezQHsV5cWVv5bXkltH5jLGiz7VLMRwq5xyemKcsVvNCY2hjeFgN0Tx/KR15Xpj2rxr4k63dXcHimLUEt5W8O6vpN7bTpHscwvLE5ySSCfmdfpjite++I2p215qUT2NnImn+IbbSLjCOC0E4i2SDBPzjzOnQgDpTYI9Ih02xtbjz7eytraXbt86OJUYr2GRzj2PHNVdU8M6Pqs0s15pNlczSwmBpZIFLmM5+QkjpntxXLfDvxRr3ijWNaiv8ATtNtLLTbyaxL2k7PO0yMADgryCpzn26c5rvSo+pxnP15H44xUorcwLXwP4dXcRodjua3Nm+YQd8PaM/7PtVaP4ceGIdJXSk0KzisFnFyIUUqRKP4w2c5xx9MCumhXbn609lyaYrHKt8NvDkpnA01kE9+NTk8u6mUG5BJEnD9ef0Fanijw3Y+LNHudK1OOSWwuMebDFM0RYem5SDj6k1rKuKRl/GgaSOZ0vwLpGl6rBqaRXF1qMEbRQ3F9cvcNCrfeEe4/LkcZ61N4q8M2niyOzW8lvIZbOf7Rb3NnctFLG21lIDc8ENjHpW63TpUByuTTK0OC/4UroMejRaUtzqK6YB5TWbzpIjp5hkA+dDtKknDAgjJ5ySay/DfgG4uPEWvS6xBfwaWuutq2n2kjIIJmKABg4zICG3kLuA4BOe/qW7cPT1x1pqr6fKfbikTZXPLl+BemQ2zQR65rCw/2fPpaws0TItvI27YR5eTg5xkk89aueJPhJF4ojhV9evbWQab/ZkrpBEyyIGLKSCPlO7HTltqjIxz6Bt8tQvYf40m0Y5+bnODSGeSR+BbnxhP4uhuHv8ASrXUYLG2N5e2iee80BbfKFBAyQEOc98Y4rU1L4WT30upzjXhFNf6hZ6nzp/EUkGzAGJBkMEXPPrXonJxu5xnGcnGaYy0Ad3DGJFDqVK4B3ZDDaOuCMjrimT6laWn2j7Re28P2WLz7nfKMwx4zvfnhevJ9OleB2/iXU/Gd5oVj4g1y9jsm1rUbC7jVlsmuIEtjLE0vl4KHkcbgOBxnJPOaH4Lm8WeG9Lt/Dlqz6pqfha5gutQZWZZ7lLhWjjnmPUssZTlsYPua0MT034lfEbTdU8JNcaZqd3YXGkavpk15BLHJat5Elwq7mVgCyEE89PlNaPjD4p6tovhG18Qx2K6ZpN5eFU1K1t5L821nhjHPKi7eJCE6E7QwyTwDS8TfC/W/ig2s6jdWdv4dvtUg0+xNpqkyzBIoJmmct5ZbOSdgBPQe+B0Phn4LS+H9Nj0+PxZqkNjbTSSWENnHHH9likUq1uGcOWiCnAUgY4OMgUE2OZ1Dxx4g1G4vbaDxZZraXvgr+0ba/ij228F00wjM24LuwSwx3HHCnmuPuNSUeHbeDUdIk0vV9H8ZaW8sS6hJfW+GCFnhcndjywGYNnazHjmvdtP+FfhSymtsaFbyJa2I0yFJ8yItt/zzKk7SCTk5B5ANdXouk2vh2zhtNJtLfTbaHd5UNrEERSepwPXvQFjwnxZ4c1zXrP406fpuh6lez6xqllcaezWxjiudiwh2Vn2qRmM89x6V0Pir4a+J/Flz8UBb2drZWvizSrOxt3vb1d0MkSMrl0RXGBuGDkH5ea9gaHewyTjkc4Jweo+vvVuNfkU8DbwOMfyxSGjmtc8K/8ACXeAr3w3q0vkpqGntZTy2j7gjMm0uu4c4PPIrL8N/CiLR/Eul69ceItT1PVLDTm0wNIsMUcsLMGIZVTONwUjB42iu6hw+T97Pr1/H1p4x1xyOKkZydv8JvCsdnr9nc6a2qWuvXJvNSh1Cd50nmJ+/gn5T05XHQdK1tK8CaBo/h8aHZaJYxaLgj7C0AeIk4yxDZy3AO45OQPQVtR4OPep1+UYz3pEjI7WKN5ZI7eCN36tHEqk9OuBz0H5Cp2klZSC7Hd1BY885/n+HtzUW9gWFSLnCt7UCBEbdnvz6ADOB29gOvpU32c8EcH6Zx7jPT3psKNuyWzV5fu9cUAQiPCdNp/vD7351WWMp8uTt/uljj8s1oY49aTyw38NAFQyBW++uevNMZxksWVieuBWgIVH8I/KneWPp+FAFGFRM2MYA71cFugxxmnsnp1xSqPlxQBA0YVSQO9Ki5UHFPYfKTT40yq/SgaGMi+lJ5K7elTbfXigr2oGV/JAU/Wl2gU/HUUhFAxvFGB60tFAEb56Coz79anK0wqOvegCPBx0xUbc8A/n0qXk/SmtGA3BoQmQyMSeDg/U/wBKbt/D2qYoPXNRtVCQwrTD16VKWxTW5HpSKITz7U3vU+2o24pARFc96Fxinmo2UqeDQA1qiO7pnip2XjrUTAg9aAEK8c81DtHsKnPKk1FjmhARN8tGB1xzT5I801htFUBEw/zk1G+CTxnPX146VKwplAEXG7Pf3+vWoprWK5tpbe4iS4glULJFModHXuGUjB5A7cc+tTstN5NAFDT9GsNFtRb6dY2un227cYLOBIUz6gKB/WpVQf3F/L2HTvVk+9MbCjNDGiKRdyjcA/8AvAE9Qev4VWaMbiMZ9eTz61bbDDPSoTgZpIogZvnYjq3X6DoPp6+tQLEqnbggemTjuc/Xn9TVkqOT1pm3qaYiH5gceY2SOcE885Ge5wenPYU6aeXJ/eydzy5PJ6nk9znP14IpNvzZpsgLGgY3hdoB2oucKBgDPsMD8cc4rn9E8KrouqapqE2p3msXd8yr5l6VPkwqzMsCAADaC7HJ5OR6CuhJ+XFRMu2gCg2k2f2qS5NpbNcSqUkmMCb5FPUMwAJ6Cs8eD9DRkZNF0xWj3eWfsUfyZznHHGcnOMZB5zW433c1EPmzSAwdK8HaHoMxl0zRdP0+Ty/J3WtssR2dSp2gZBPOPWoZPCGjw60dYGnQnUy7S/aGySZGXaX2/d3bcruxkg85rfYFTxUVwC0JAGTSQHJ2vw88M2Nrd21vpcdvDdwPayRxyuFWFzlo4xu/dqT1CbarN8LvCyi6Uac226sxYTr9pl2yQqMIrDdhiueCwOK6Ty23g09kODxVAcZJ8F/C8lrqcQTUIxqUcUV3J/aErvKI2DJkuTyD3PYAdqj1z4Q+H/EF1cz3c+qxtcG3kmSC+KJLJDjy5WGOWG1ec9hXbxbpFKn1qKWPMi8+3SkBz+m+A7bT7XXYrXVtUjl1iY3Utx56+bFMQoLRsEG3hQMHPAxmum7469uev41BJlJF2ckmrW3GOKQIgVv3hGKl21Gv+uP51MeuKaKE28ZpvWpMUx8fSmwI29BzUbKSMYqULjvmkbjoakCssfqcU7bilbr0zSUARSRk9KZtI6irFRnnvQNELAM3HFJtqXy+eOlRkfN1oGXvD3w18L+H5DLaaLBLdecZze3ubi4aQrtLl3z8xHUgCurWBgwOcqOi4AUc9MenPeiHtmrIy2AOKswLdvhV6DkYx0Hb09hVnPb9arQruwOlWVXmhAPWMY96mUHt0pirUyUwHxru71Ps+U/SmRqO1Srzn8qlgRQgRgDFO8pmYkcCplAHWnqc1IEaxFduB0qfaVxxz1pysFPWpGK45NAmRpAWJOetWFh2qAaaso3ACpvve1BIRx1Pj2qsJCGwKc0xWgCyq0pIFQLIzdRT+aAJxikZttNXOKCDigBytu7UFsVHu29KZuOeTmgBLhmVeOlOtJTJx2XimyZZCKSEFEPHNAFtm59aTPPSo0YnHFSjpQBDI4Sm+YCM02Vd3Heo2iO4ZGOKBolEimjzB603y+OaGj+WgYrSrim+YP8A61Qqp6dqV1HbigSJDIGPH5U1mDA44qtJlWXaD15OKki/iyCPm9KLDF+716UxpAOOtPmyy/LVZskr8uMfrRYSBJN65IxTtwHembSq01lJFBRIZBnjmm8UznHSmj3NNAPLCmb1Kn60vAU96gbr9002BJ5gNMNIPvcDilk5XNSA1mGKYCM9arsxJI70iv155oAss4xVaSTnpQSTxUTDjrzTQE2dwpjL70kLfKR3zSyZKntTAYxAX1pDhVz1qDcQTmkbLDg0APaQM3SmSN8vSoCxWq8tweRgg/5xSGizvHTOPxHTByf0H51GzKv3jnvkVw3xE8RarazaJ4f0C5W217XLgxRXTRiT7LbIN1xPtPBwuFGerOvNcL4i1rXvCupGxv8A4ka482wSb4vCaXKEHvujTGevB5H5UDPcCy9QeMjt61J5fykn5T7g14JpHjjWNW1S1061+JFy93cPtiju/BjxAnBPJyo7V6H4O8TapHrF74X8Rz28+sW0S3lte28Xkx39scBnVMnDI+VYZOBtPegSOwZeM1EzDaealkOUPaqZXqKQyTBxntTGcU3eyrjrULNu7YoAmOKYcDPFRicL1FILgcnH60hgxGfejb39qrzSBee9I0xaMfNimBJsRjgjBzUTKMnjimbiZBg54p8kwTtQAxVVW6YprxqTSeZvbIGKUuB1oAb5IDFu9KW9qb5wwaY0w6CgCPP+kD6VN/FVKa6McqjGD0qcTFmoQExOaYRio2kK9KcsgdSc55xx2/zmmCFz7U2Sk81Qmc5B5FRtOuR3pFD9vy0zyz1o85M43AfX+lI8wQYzkk4xkZyTjA5oASmUiTLJgg5B70nmLxk4oAVm289qgk9hUsmNvqKj8xcDnNAHeInIq1GoHU1WjkG3nrSs7bfl9asyNKEc5HSrIrNt3fgVopnpTAfGal3dqhXKnFSKpzSAljYg4zUq7vWmxx981PHEO5pCG/NuAJqZM88UqxhTmpVXk/SpAjC78EipvJzipFC7RjrUsaigBkUZU1YGS34U5QqgnjinbTxxtDHAZuBn/AYOSPbjmgkhWM7s9ak+zlmBzWfd+KNF0+3ee61nTrSFG2NJPeRIAx6DO7GcAn8Kral4+8OaLLp0d7rtlDJqWPsK+ZuNznpsx1zxj159KAN5Y9uBT/LBpP7pzkHHO09CM56VzerfEHTNF8YaV4ZuIL86pqiNJa+XbFoWRPvsZM4G0YJHXBHBoA6YLt4oZT+Fcpp/xGsL7xtrfhlrO9s7nRrdLq8urpY0gWJ92x1YOSVOxuccbTnFZtn8ULrX9An8QaF4XutX0NY5Jba4+1xwy3iJkF4ojklSRwWIz1A9QDvVjB6DNJsXPSuP8N/EJvEHjbUtBk0oWcVtpVnqkE7zb3lWfcCCuBt2lcdTnHauuMoZeTk/zoAfsVvajavSoo5DzR5nzUASKozUm4LUO+lZ/lzmgB3HPFIUHXpVaS4CnO7/AICOp+lO+0A8d/SgCTjpQwFR7vXrT/QetIBu0dMUwtg4ApJJdr7QMnsM++P6ioGctgrlR1w3X8RTQEpY5PGKDnjvUTTY6j9R/n0/Oka4O4gjAU4JyOx5PWqAkLdc8UzhucVC1wMEE4YAkjIyMe35/lT4ZNygcE45wcigaHMoxUbAYxUx6c8VWkfngUFDsL3pvlg5qKQ/KCTjmnK2QDSQDtu3pSHG005ulQSybOKbAGA25qNh8uM0jSdO+aRZAyggVIDI4/LPPJokiDdF5pGlw3IpWmXoDQBEsZXtTWjGeakaQmotxJpoBNgB4FNYHoaQyHOKVW3daYEZjHem7QKdM23nFQeZupANkUbsVW+ymSTAYK3UMeg6/wCJ/Kp2m29RxXMfEiy1HWfAXiGw0RzHqtxZusBVtpPTcAezFSyqfVxQgOb+Gka+NNa1zx06M9vef8SvRt/QafE3zSL/ANdZQWz6InWvQ/s5jBxkE+9cb4P+IHhuSz8LaRpcUtnY32m7tN3KFiHkgLJbZ7SoMnbjkKa7UXCSKCrZHZuxFNgQ7JPLKl225B25OMjoa474ieF7vUrCz1TRVH/CS6LK17Ys2B5q4xLAx9JFwPqF4rs5JCvOdwrF8S+J7Dwrot1q+pTNDaWgV3ZBubJdVUAd2LMoA7mkgE8NeIrTxZoFjq9gW+y3ke9VcHdG38SMOzK24Eeoq80Zb2z03cV5LHfeItH+J/inSvB2n6dfaa8Nvqd7DqF41tFa3k2SyoQjffRVcrgYLE85rqdP1Tx1Lf20V94Z0K2s3fE9xbau0jRgnlghhG7GDxkU2B1yxmRCyhimcbscd+P0qFoG27sYGDg9uMd/TntXm/h21i8bfELx83iCOS7/ALI1COx061810S3tzCsm9ApHzuWJ3dQFAHvi3Fh/whHxU8L21umra9FJod4QtvOzyOyTRhJXVpFVisUmzJ+YjsSKkep65JbMrYcY+vB/z/hTPs/yg565PIx0ryr4aapqWl+G/FUkOkalrd5a+IruzFhPeqJUhUqUXfI5UbVYcA/kc112i+Ltd1PUoLa+8D6ppcEjbWupby1kjQYJBIWTPOAOB3osCudK0IbPI4A+nP8ALv1pj2+3Iz3zzwdvqR27fnXnPhma8+IU3iu/vNY1LTmtdWu9Ks47G5aGO0SIBRIU+7Ixb5jkH5doA70zw/Lq/ijxh4i0LU9avbCLQYrK0xpzLF588kAkkuHypL84wp+Xg5Hago9GjXaBxz6Ukyrxk9f8964Dwv8AEy6l8O3E+o6VqOr6hYancaTdNotmZlZoWwJSAcKGUqcDjOelT+IPFV5rXgPxBqekRat4dvtPt5J4m1Kz8hpGjQvyj53IADkjHUcnsCOzClRwOeo54P8Anihl3eh9xyK830X4hXviDUNDtbq4k0PWob82WsaX5cZ+YQSSpIhZSdjmIEHoQxHFcnf/ABb1HSfAOvTzeJIF8U6Vq09qIZLWM7okuBGFwABny/m+oI96BntzRHnA4/Km+WR2rn9c+JWgeE7tbDVb24S6EauSLGVwwI65RCPXjt0rKk+O3gaEgTa79n3EKrT2k8YLE4CjKdTQI66e1eSdX7CpvLPauQX43eBWbB8SW0Z7CRJEOO3BUU7/AIXV4BbJbxXpq7euZCMd8nj0z+VAzq/LK5z+ecY+ua88+Kes6j4avNMvJJtRsfDIjlW/vdKhV5beYlPKeRXUkxgF+g6nt1q1H4l174irt8NB/D3h1yV/4SG8hzPcL0P2SE9M/wDPR/wHHO1ceD5kj0lbDXLm1l06KWHzbpRd/aVfbnzcldx4P0J9qEAeE7p7/wAJ6XcvfRaoZLdGa+t2UxzsRywIwDk5+nTtWmIWODyprjbH4Vf8I/Y2v9ga5c6brEPmbp2j3WtzukaQo9v90IC5xtII96dN8TofCqrb+OIV8NXAUlb/AC0tjdYBOYpAMg8Y2MA3IxmmCOzWP5gM7dzAbvT1/SvPdB1PW/GkPiK8stWbR/sd/c6dZ2cdtHImYjt3zbhlstzwQFGOtauja54l8ZalaXlnB/wjHhpXWTddxBr+/UdNsf8AyxQ56tkkdhVj/hDb3R9b1O70DVLewt9Sm+1XNncW3nxpORh5YiHXaWHVTkcUijj5vGl9pPiHxXo+q6zHb3FpYQXFgq2qNtd42YnhfmUMpHbgg+1dJ4I8WJq3g3wzfalfQHUdWs1nTJSMzOQCVVBjJ5A4yTVi18H3um+MLzW49WjmiuNNh05oJ4CXPlhtshYNjOXOQFHAUZ4zXNnwPfeHfA2i6FD5mrajZTpJZ3cNmCv7uYShJWZi0Y5OGU9Fxg0Aelt93HXtVXyju46ZzVtvlPJzxndxz/np+FHG3igDt1jO6rMMG7tTkGOtToygcHFWjIfDCIyO9XFI61U8wAbs5qRbuPHqaYFuPGasKFzVOOQMuQKd5r9BxUdQL6n0FSKw+lUUkc9al2liM8mmSXPMXOM1J5ihSM8mqsabe1S7Sx+7mkImt228nmp/OAHSq6qVWpVi3daEBYjbzEx3J4HY8Hg/pXgevw+Jvh78T/GHijwqs2r6LbLZS6r4XWVnaSGSF2ee33MdsqlSdo+8BXvkShccZGeR0z9a5HxF9i+HB8S+O9R1DULqBreA3FqkcTrEI22RmNcBuDK2fmPB9qYHi3ifVdG8Xfs6/GPU9E8m40t9Rkv7eaGMDkRW0nzDHDAlgQOc7h3rqPiFfeIpbz4T6hq8Gk2lnH4nsSFsJ5ZXVpYnVR8yKoXBxgf7P1r02T4T+FZNF1nRTpbRaXq9ybq/tLe5kiWaQqinOxgQDsHAPc1Yv/ht4b1TT9Msr7SI9QtdNINpHdSySeQQMZUls5xxkkkc4IqQMzUPFWvaN400+yu9Ms/7C1CW4hjmiuHa7jEMRdp5FC7RGSuOvGVz97A4L4oaxZat8Vvg/faZ4jhsUvF1KOLUrd4pAyPCm3aXBXDFSucHkcEYNejR+A7z/hNX1w+JbgWbBIhpSWUWxYFIPlbyCQGIyxABPGeldVDp1pbxokVnbQqqCNVjhVQFBBCgY4HXgepoQHz0mkyXnxr+JHh1vEE13da54RjskvLny0KzZkVl/dKq5RWVsDnDEnORXXfCPxvB4c+Hug+GtZsdQ0zxLo1suny6aLCaQyPECqtEyoQ8b4BBycA84r1trdmUqJXA9jgen8sjjHXnNSLEyJtV2A5xz0Gen09ulMDzKzi1E/HN9Tk0y8tbS68Lw2skxheSJLhbhpBEZANpIRuxOOn079t7HjnAxwavLbqI9uMepHXvj9CaUQLuZiOT1pAUQWVQSefSmeY6v14xmrrW4Z/an+Qh7dsUAURdb+Mc0/azL14q19nRSMCnNt7inZgZ/wBmZjkckH8vX+YrgPAvxUtvFnj/AMU+GhbfZf7MbzLCYn5b+3VjFLIpOAdkylepyCDx0rtPFt5qVj4d1GTQ7JtQ1ryWW0hR0X96wIRiXYDAbBP4+leReIPhJq3hOz8E674O/tTWPEfh+ZIhY3t3AqPaSKftMTHgLk89W+YZpAega58VvBvhu+vLPUfEun2t1ZlRcxGQuYSwyu7aDgep7d6tWPxQ8IajJqq2/iOwkGkxC4vZDKFSKEkjzQx4ZcjAKkgnjrxXCeIvBGu+IfEPxJmi0Fms/Enhe3021aa4h3tcIkoKt8//AE0U7s9VPrxzvjj4P+LvGkGiwxW0ekyQ+FE0q4u5bqNlS8imiljyinJQmIgsBkeYfTmtAOx+JnxRSz+HvirV/DGo2w1fQ4Yp7i2vrOUSRxs64JicI4DDkPjHA65zXT3fjzQ7dtU3X20ab5Yu9kLusTyBSke4AhnYuAEXLZ4xXnXxE+Gvib4jx+I9Um0mHStYvvCsnh9bA3sbNNPJL5vmtIpx5UeOCecP0HeHw78NfF2g+DdW8H3ejWGveH7qNLm1j1DUFWaKV3R54JGXk/MGaOUEEcZ4AANAO31Tx9pbWej3cGvJpkVxrUOmN9p0+UtcSFgGtdrKpjZty/MwAHoat23j7RNSuLyztdRfzYo7n98bKYwt5B2ylG8vD7GGDtzmvP5vhf4yf4d3OiI/9oXEPiKy1HTLfVL1Jbm3toJI5Cks4B8xyY2C5J4IBPatLwj8O9e8PfEl9bgto9F0iWa9kv7GHUDNZ33mMxheGIj9zKTtZ9pC8Y+bmgCvY/ES9uPE3g1U8RW+peG9a8O3t4dRWw8tpJ7cxgThck4wx+T2PNaVh8a/CWm6TpJvPEn9o3Fzpiaik1rps+66hyFMqRorYGc5GTjBzXOeCfhb4u8Lt8ORcWOnu3hoapFctHfKfMjuN3lBP3Y+7kbs46U74e/C/wAW+Ernwe17Z6dKmj6HfaNcG31ElpxLMskZU+XkBQoB6feb8TQD2ewvrbVrG2vbO4S6s7qJZoLiPJSWNhlWHsQaUREOc81ynwi8Oaj4L+GPhzQdWSBNQ021FpI1tJvjYKSFIOB/DgY9q69myOD3xnpz2/X+lA0VZoWbI7U1I2VcE1ZaUccHH944A/M03igY0Zxiq8y7j0q1kUxl3EAd6AK3lZwccDtTFiKLwKsNIF4HXGQMjJx1GM5zTGYcgNk57A/n7fjU2ArtG2eKY0J6kc1bHPfjtngn6CkJGDnjHXGDz6UWAq+Uyj1pixkk9qsmUMpOQTjsf51CZDxwRuPHHP5U0MqNlXxTo8jORipWA3BuvvVWdiz7VOCOtNgSzplfWqzR7egx7U91ZlGGJqKeNtgxLsPvUgRSISaryQn+EcjkcZqzay74/m5cHnBqQuGyF/OhAeGfEDwedL18WkE40/TvEdz9r068I40vXEG9W/2UnwQRxkhx/Fx6D4F8Uf8ACXeHYr6WA2Ooxu1tqFmwwbe6TAlQ8D+LnjsRW34q8MWfjLQb7Rr7ctveLtEi/fgkHMcyejI4DA9sVxVh4g8c6PZR2t74CudXu4vlm1DT7+2SK6YceaFdg3zADORnPrTA7l9zJnoucZ7f54ryP4pa/bP4nS3vTv0Hwjb/APCQ6qgX/XXIDCzg9zkO+3nkx10x+IXiiM4k+GGvfVbyzYD/AMij1rHvbTVviN4i0i3vvCOoeHdDtLoarqM2pPCzX0kAH2eIeU7bsPtY5wCFA70Aavwv8N3Wg+GRNq6k69q0zapqbZ5E8uG2fRE2xgdttdeyjrjcx6tjBPb+VW/LC8kAAknczDnnrn1/rS7Qy5C7v90g/jQNHmvxM0u10TS9T8ZQvf2Gp2tskVxcaXcLC9xCJFVVkDI6ts3lgduQQfWtdfh3pv8Ab2kaxDeahHcaWs0cI84MJBK26RpNykszEAk54xxgcU/4wWv2r4U+MIU5kOlzuoXqdqFv0K10On3C3em2k68iSFHJHPJUGhDMDQfBNn4YutYuLa6u531S7a9njuWRkWVgAzJtUEZCqOvbPUmtA25yw5wQRuzz7H64z1rRmkWNSSCe4qHzk3EE02Bxc3gl7fXdS1XRNXn0GbUpFlvoYoY5YppAu3zArj5JCAvzD+6OKZJ4BW21L+09I1GTS9QkgS2upJYhOl4iZ2GVcqS4yfmBHU9uK7PbHISB1o8sMu09KkDmvCvhm38J6Y9pbSyXMss8t3cXM6rvnnkYs7nA9TgDsABz1NjXtMfXND1LTlnELXlvJAZpEMgXepUkrkZ4Y9x29K2fLVJOuRioJMR5OaBI4jUvhva6trHhrWru4Ua5ozruvIYti3ce1laN13Hj5yVOTtyeueMm6+GOoyeEfGehHVLMReIbue7R1gZRbmVlJBAb5iNowcjqa9NVFdd3fpTWUEc5PsT1oGV9NkvbfTbeCW4BlVAJGgyqM2OSPrXH/F6WWHwHdXRZmNne2N0CScgpdR8g/Qtn612vIbj7v8q5P4vw/aPhb4rUAsy6bNMoVSTuTa/Qf7vFNCR0z3EjHrnn72Tz+FUNYtI9V0vULOSJZBcWssZGxSRuQqCMjrk1YhnW4tYZ1KsJI1cFSCpyByD3FUNe8Q6f4XsRqGqTi1s1ZVeZo3ZEyR94qDt5xgnj1psoyPhjqH9o/DfwzcbstJp1vuYZGSEAPv1B6nrmukM3lgtuyO/SsHQ/7G8H2Wj6BDczOJVcWZdXlMygljh1XaSAw9OMVryRjcxJG0HHXNSBItwJW+U57HJOK4740W8Vx8MdYW4RZ4YmtriSFx8jqlxGxVh3GN3X8c110UebgFeFC+hrE+JNj/aPw78UQIvmO2mXDBcHkiMsMe+R+tAGRbeFda8Gyr/wjV5/aWlFwr6DqcpOxSeTBN94Yz91sjjj22tY8WQ6Vq1vpENpdarqc0LXP2SyVC8UQJXzGLFVUFhtGSM4OM1o6DcLqWiWF2pLLcW8c20jG7cgIz+ea5PxJp9x4d+Iy+JhZXGoaTf6YmnXn2SMyyWzpIzq5RctsbcQSBxt70AT2vxLtLjWNN0s6bqcV3fTzW6CeFU2PFzIHBcEEDnpyCKveGvGVv4juNWgtra6tZNNuvslz520AyBQ3y4bkAHPOOtcp44gufEWreDLy30zWra1t9UlL3dnbSJMLZ4CjSsAp8tS20fMMnGcVU0HR9W03WvHumWjavG91dR3tnfSQh2nxAiPteVRGcuqjpQNHpPnFs52gkfw/wCf8OlNErR9DmsbwZrcniDwvpd7c+Y91NAvnmRdreavyycdPvhunFbflqzcjFAz02P5j60twp2YXikiwMVOqh25OK0MitCrM2D2FWYoWbnHepliHXgcVMmOB/UUCHRxtxmpkjO7pVWa9t7G3a4nuYbeBRlpJpVjUeg3MQB0PUjpVizvI7hElilSaGQB45YzuWRfVT3Hv0qQLqx/LyMU5V2uO9IkgZQQcg9D60GQLyeAPXP6cVNgLWBx9KkUY5FVWuI4Y5ZZZEhhiUu8srhVRR3Yn7o9zxXnTftCeGlkkuDZa1/wjqyGEeKE06R9NZx1xIMtsGfvlQvXnvTRJ6p8rCpFxWXpOrWmvafDf6beW+o2MwzHc2knmxt9GXIP4GrkbfMCW2jOPm9fTimBdXCmuE+PMYk+CvjgY3MukzSDocbcNn9K6jxB4i03wvo82p6vfwaZp0H+tnumCqCei+5J6L1PYGvNtQg8RfG6zms3guvCPgG6TZJ50YXVdViPVQjf8e8TDucucduKAPWNPuo5tPtJVYbWt4n+XnqgParQkXIOece9eTw6D8QPh3HGmjXsfj7Q7cBItO1Z1t9SgUADbBcfckIAwA4BxxnpXQeFfitoPibUBpDm40PxEozJoesR/Z7of7gY7ZB15QkcGkB3PmClEgzyaiKnqAcc54JH1yO3TJ96WOPzmXa6tk7flYHDZxg+nJ/zxSAn3+hpyyccisu11zTLzUjp9vqdnNqCkg2cdwjTZAyRsBJHHOGAOO1P1zxFpfhu3hn1S/gsopm2QmVuZW/uqoyzH2APbpQBpbxShsiuQvvit4T0/Tb2+l1mJoLF4o7kRRSPJC0hxGGQLuUk46gYzXXhSpZTwynBH6/5zQAdAaiZiOlTbfek29vWgDmPFXxG8O+B5reHXNSFlNcKXjTyJZSVHU/IrelYDfHzwQy5j1C/nHbydGvW/wDaNekRqY84cjjHX1606R3b/lo2PbFPUDzRfjl4Vm4S31+ceieH7xs/+Q6ST43aNKu1dC8XTDp8vh26wfTgr/nNekAv/wA9G/OkZm/vH8z/AI0gPNG+MFl1Twn40l/3fDsqn264pknxgMiDb4F8cMVORnRAuPcbn4r0vLd2P/fR/wAaZMgcYJJH1NAHmifF24aNkT4feNsf9g6JR+Rmx+nemy/FbVNuIvhx40fK9DaQKCe2f32eP616QsC88+1BiXbg80IDzEfFDXGXb/wrHxgABhf3VquB+M3sOlOPxM105K/DDxcM8H5bQfh/rulejmELnHSo2hG7pVAedr8SPET/AHfhf4qC9OTZL+hm5/HNRf8ACx/Em9lHwt8UAe01kPz/AH/P516SYwo44pNqsckfqaAPN2+I3iSPP/FrvFHPpNZf/H6y9d8eeKtU0i+so/hv4wsvtFvJAbm2u7SOSIsMBkZZxhhyeeM4r1kwr/nNV7yxgvbea3nj8yGaNoZFDsp2MMMAykFSRjkHsKAPzl8N/tgfFDwXqjWlzq8HiiOCV4PI1qCOWU7WK4EsR3FuMcFh9a+xPgj8YvEHxTtZJdZ8B6n4WhSLeNQuCTbzNxwu8K+ef7pHTmut8H/CPwb8P1H/AAj3hvTtMlAx9oWESTH/ALaPlv1zXVvGrNub5z2LEnHTv1oAjaQLtzkZ6ce9Qm4HUsY16sw6gD/62adc/wCsQgcliTUU+GiOEEhyMIw4Pr+H86APLPAfizxV8VPBj+KdN1uDRY76SdtK05rFJoRHGzKrXDHDMWIJ+UrgMvXvVsviJqul/FY+HvFPiCx0iwbQLfUUimWCLZcOzJKnmk4YKylgOpB6itLwX4N8Q/DC1u9E0QaVq3hpp5biwa/u5IZbJXcuYWCxsJE3FscqT0PAFJbeBNZHxcs/FF6dPvtPj0JtImkZis7SGUSmUQ+WVUAllC7iQGJzQMPg7471DxZ4f1zUNW1W0vf7P1m801Lm1iSGLy4nASTIJUlwcjn0HNZ3in4ran8OviWljr4W68GXdtBKmsRwiNtMlkklSMTHJzExiI34GCRxg1V0vwUPDGg+Ok8VDQrfQ9V1qbVLGaQvdQWzSqFVJYiij5dmQenPHIqP4Z+D9VvNP0N9e0qzl0KTw5/YdzHLOTJMFlfZJ5TJyjpkgFgRvB7cgWG+OPiN4n8L+C/HWr2eqWFxNoOowxQ+ZYgo1u6wsc4k5YC4Y56fJ78X9f8AiVc2PxA8IaRp2raZqlhqMN0btYIBNcK1vEHzHtkypfnCkZ+U43Vz158DtU0n4U+PvCem30erR63PGulSX85Q2sPlJGqSNtJOzywB6gDp1re1r4d6pc+Jvh5rWnaBpllcaJLLLqSQzLE7CSAxMiFUBfnDnJGeBQM7Xwx420Xxppp1DRtSjvbdMiXOUkhYdVkRsMh7YIFX4yzSHOVY8kMMED6VzHiz4X6f4gv21m2urrQfEqACPXNMYLK2BwswxtmTthweOAaw4fHWq+BZRH4+sobexB8uPxNpaM1gfT7QgybYn1OU54PUBAek+YEYDPH8v6/lWdr2p22k6fPeX93b2NjCpaW4uZVjRVHU5Yj9a5LxB8WrI366P4Ttj4w8RsodbWxlH2a3Dfde5uBlYlODxkscdKi0v4U3Gu30Gr/EDUI/Et/C/mW+kwqyaXZMD/BETmRgf45Oe4A6lDNDwX440fxlaTXGiapBqUUB2yCHIeMdRuRgGUEEckYOeM9a6JZSCSPy9Kw/GHw30vxTPHqatPoniC3GIda0pvKuEHYMBxInqsgYemK5iLxlqngHEHjmGKTS1IVPFOmofsnJwPtMIy1uSc/Ngpz1HOAD0Xzj3+6eGz3HoKSaTy4mfAJUZZsDoOpJx2HrXL+JviRoHhi1sybttRv9Qx9g07SwLi6vM9BEqnkH+8SAOua54+B/EHxKIm8aSf2Rov8Ayy8K6dKMlf8Ap7uE/wBYfVFO33JyKe24F2f44+Are4eGXxjo6SxuUdftSttYHBGRxV7RfiZ4U8ValFY6P4i03UL6TOyG3uVZyAMk8c4A59ODWF8J/D9hosnjfSLW0t4LOz8STJDbxwqEiRoYXCgY4HzdvXNd6mmW9vMs0NrCswHDRRqrfQMMHnkdaLgcDonjzxJ410vUtY8OW+mDS4bme1sbe+WTzrwxOUZ2cELHuYEKNrE4z3pdP8da34q8Qarpui2mnW7aP9nhvH1TeS9zJGJPKQD7gAZPnJPJPy8cx+GPCut/DdNR0jSNOg1nQrm+lvLCZr9IJbYSsXeJ1blgrEkMoJwcdqbp/hXXPBvibVtYtbVdfg1xYZ7+3tZVtmgu44xGzRiVgDHINuQTuBU8EEUIDG1D4/fYdN0TV7jSUXRLm7m03VVV2a40y4iB81nUfeiXbktx8vOO1a/ib4ianpMPie6srTTb+30jSI9WgIuH33CMJfl4Ugf6ljkZHI4qhovw31XR4tMnmso764vPEF3rmqwxSRmGBZ4ZI/KXcRv2h0Ho2GNQ6b8KdQ8Jt40tNMZtV8PajobWml6cZU32khMxNsN7AFA0xKc/dyO3LA077x7qsNx4GifTrYp4lO15vOfNu4hMpAGw7hgED7uSK69d3mMSc84weoI4IP4g15JZ/Cm50fSvhpd2vhUQaxo95A+qNDLCSI1gaN2yXwykkEY5x25r2Q/Nhs/KRxuOT+PNDAr7i0nTHHWpFmC5HeneVuPykYqtcLtb5BubHY1I0LNLtGTnFUbi6E3ABUL3NTxRyTKC5/ChoNzEf0oKI47kRxrycHpxUvm9CPmz0A604WpZQCBtHQVWmhkVsBgoYgcnAH1PpQBY84M208cgDkc54H614l8RvFKeLlvVkN03g+0laxitbJjHca/qDBo1hjxz5aMSM9zkkYFdFZ/EHV9U8K3vi7TrGyk8P273EiWZEgvJreFmWSUEHAPyMQmCTgfNzW/Z6Lp3iHUtK8VQ7rx47Pbp7u37uJJOTIq4GJGUhS3UDI9SRAc74Z+GWvWfh7TYNQ8d+IIL6OBFlhs5Ld4YiFA2KWi6L098Z71d8UaG+lfDDxVaahrd1rqy2krebq/lKQNoxGNoRSpK4IOTlhXe+W7AE8+xqrNvib7uCRgfmD/T+VMDyTQ9Pu/B/jDwdpluH1fwZc3Ms2m3YJY2itBJut2IAym7aUb8O1dTeeDfEEjNLF8QNXTdyI1srUqg/u5MeePeuxhg+VwT1cMQB/nnng9qh8tmLKQwPuMCkByNv4L8SCMsfiLrCt6CxtCP/RdRXvgLxLqFpPbP8RNTZJo2jZJdMtSrqVYEH5R69ua7LyWibGQeO1PXO+M4AIYAZPFAHkvwz0TxTf8Aw78N3Efj3ULRGsYgtsNMtXWIBQuzJXJxjGTXUxeF/FSsHb4iXxIIO3+ybYDGRkZA4yMg/hUfwusZbHwuLSWKSH7PfXkCpKNuFFw4XHsQRiuuhj37sfdBHB6jPTPpQBYa4KZYDBI6gDk8c9PQY4/pVC8tbTU7WS2vrWO7t5CN8M2SrYx19+Bz7VYkV1AyvU4+WkVPMXIBzQBWstPs7K3it7eBIYIlCRxoAAoHbipZNioQODUqw+nP8qRoioIP40FHU6/460DwrcLBquqQ2c5Ct5TZLAMQFJAzjOe+OmKwtZ+MFtp/hXXtc0/Sby/h0fUP7NnjuCtsWk3qhKg5YqC6c7e/tWN8N7u3uPDnjG71p1ZpNfvYdQEyglVR9sUZB/2VXavfIx1rgta0Y+IPCPxWh0691S8vz4kk+y6Np+XikYvC28rGm5x8r8liBsHHXGhke6/ELWNZ0DwLrmpaTNDaanY27TJNJD58RKAlkXlc56bjjHXBrhNF+Ih+I2o+E7a7N5omt2upSafr2iJdPEFl+zyOhIQqWRmi3Kw4OMcU7x5ot7r3jqSHSIvtN5rmg3tjNHNftGYWKRmMywkFY1UZxgZzI3HNdhcfCnTtU8YeF/F06Cw8RaTGYpza5aOdDC6eWxIBbaX3BiPXgbuAk8D1SS4P7PXxDtIfDkt7b22s327Vrq4hYL5d0AuMsZGZECr0A6jNe76la+PvD+qT6jodzp/irR5sH+wb4R2VxBgAbLaZRsbpwrjOD1xipdN+DOkQ+F9b8P6hf6hq+m6zdTXl7DJKIVZ5W3SKvlgMEZgpI3Hp17132n2cWn2cNrbiQQQoIkEkjSNtAwAWYkkCkI43wt8YvD+vaoukXn2nwz4jztbRtaiNvMx7+Wx+SX/gB5xXR+LfF+l+BNMOo61c/ZomYRwpGrPLcSkZWKKMDc7t0AA+vFT+IPCuk+MtPGna9plrrFqxO2G7jDhW9VJ5Q47qQa+d/gP4cis/F3w01ae/v9Vn1DRtYQLqVy1wto8EqKog3ZKcZBwcnoTxSA9Uj8H618UHS68YwvpPhoSeZZ+E45PmuCp+V75l6+vlAlRjkk5A9Ot7VLeNI4kjSBUEaxxrtTbj7u3pt9hxT4zuXOTkgfN/EfqamXnvQB55q3wP0dr+fU/C91ceBdamO6S60cAW9wf+m9qf3Ug/4CDUUPiT4leF2Wy1LwhaeLrlhstNV0W9WCF26YuIpDuiBGMlN4xwK9JMmODyKmViynLHnBxk9vxoA4bQfhrLeatbeIfG15H4i8QQZa2tUUjTtMz/AA28R+8w6ea2W44xXomAzbidx7lu/wBfwqtE2z0xUjS5GKQEy/LwAAMY+UY4rM8T+E9F8baaLDxBpdtq9qDlVuUyUbsyN1Vh2IIIq+sueMU8ydOOlIDxLUNC/s34ueEvh5Nqeqal4TuNOutZe21S8ad55IiqR2xkPzyRICXKMWzmr/xs8OQfD/4f+MPFHhG3TRdcXR2sz/Z6LCPJM0ZaUIOQyrkhlH8XOeMd14w8Dad41bTbieW607VdLlM1hqlg4S4tmIwwBIIZWHDKwIPFWtN8MxwSSy39/da7NJEbffqAj2pEeqLGiKgDDgnaSRjkYoA4L4qeHdAtP2d9Sk0yG3sYdL0Zb/S7yHarwzKgeOVZOoYt1bPzFyOSTjI+H2savq3x/s5/FIe3vrrwVYzabE4ICyOyteCPPRyx5PXA7V6Jb/C3w7aWtrZrb3c2lWsomt9JuL6WSziIbcoERbBAOCFOVGOlbHiLwroviqK3TWdMt9R+zyNNA8y4khc9WRxhlJ74Izx0xTEcR+0Ja6fJ8L/HciiNNabTIZ5zGTveOKcFCwHod4Hc8+leo29x51vDLlW3orfKcjkDp7Vg2/g3QIdHm0tdHs5NOmIaW2uI/OWYgcGQvkv0HU9q1ba3hsLWK3t0WG3iUJHEowqKOgHtSBF8HNBxnrUUbbl9Kacr3zTQyfcKVnAFVjnrSnLCmBLuBprOFHTNQc7qe/zDrSAXeOKY8gzjpUUjbcVFJIu7nrSAn8wdBzUTSfN7UqrkcVA2eQeuaALIbcKbuGSCKZG+1eRTJMlsg0IBZJFHFRtIu3rTWBXHeo3yc8c1QDhJ2o8xB/F+lV/OHIxjHWk+9yp/CgCdZFc4HJpJOhPTFRQg7vQ/SpJPuECgBiyhQCRmo/MTjPX1HBqF1bZikWP5Dnk9aQE4m4GSTznrj8RUTqjDBAYdtwz/ADqmzPuUgEjOKk+dmKgEEc0holhbyZcoTGB0CErj245we474FNmwwPOSc/N3yTyfTNRmT26ComY7QT3NAxrM3mbgAOuWH1461Y+VhxgDuvY89KrMx5Ap8eeOc0AK21eOnbjrXDfGGJm+F3jSKIsrPot4QynB3CFyOn+efau1uGwwxWTr+l/25omo6eSF+2Ws0ALAkDchX/2bpQSeYfB2z0/QPG/iO002zg02xvdC0fVEt7VAke+RJhIwA7kquT14r14XAZsY56+nU1594R+Hd94T1qz1C4vobqODw1a6HKUVl3ywsWEgJ42kMcAkN7Gu0EcvmsQwKZ6jmgaJruYhVHGc8c0RyDawyGTBBVuQQRyMH+XQ9wahWDcSWBNIsOzOAaCjI8O+CPDHhC6vLrQtDsdJuL1s3EtrCFZh1wD/AAjPOAAOTxzV/V9a0/w/Yy32p3UFnYxYaSechEXnjNSsp6EHOO1Z+uQm90PU7T/n4s5ofm6EtGyjvzjcTj6UbgZVrJofhm81TWZdVhjHiK7iuVeaZRG7mKOMeUc4YMqKwx/eq3b+MNBuhfCLW9Nl+wrm6Ed0rfZ16Bn5Gz6tjr9M+Bwtqnw18H+F7Jo5dT8H6pdaTeabcNvd9LuTNDI1tIT/AMs2y2xuMYKnOAa6m2s9duPih8V9M0yPTfKvf7Pnn+3GQFjJaFAwCKePkzlsdqLAeyWOoWetWSXmn3kN9ZzDKXFtMJI3HTIZTgjOacW8tiMbM+n0OP8AIrxv4d+O7/wr8C/BWorozahY22lR/bpUmETRIjCIlEK/O3BO3jgde1ey3GH2kc/Qg5/KmBEzbpDx3yT6+/196SSYtwT6feO7p04PapTFiq0kJznOfbFMCrdTLIroOnYYHt7cdB0pgVpCGk+83JOSf51aa3CsCRw1FxABHxxQwKNwwtXXBzk4qSNAzkgbff1ppt93LDPNOVWGR2qRobb4ZivXBxSMF3ntVcyGORgMg57Ubz1IOaCiwsY3cdKjmUx4kChijBgGGQceo78dqYlxtboae0xj6nIbr6/gaAPM7XwfrnhvwzrPhrRba1v9KuvtK2F1Pc+X9kjn3bhKuCW2liVK89iB1rs/DOhweGfDelaTbyNLDY2sVssjZBfYgUtz6kGtBuc53Efh/PqPwxUMk2WO1W+mOKALsYDdTSMqN94ZI6VFbSblx0bPSpWHyn1oAjMY3bgMZpkjDdjk/jTWL9M8ZqNlO7PegBzRqFzjBrE8Xa5F4T8K6xrk0RuE020kufLXguAPun2zt57dea2NxbrVTWtKtdc0e902+jM9leQNbXEYzlkYYOPegDloZ/Elpo9lreoahZ3lt5f2rU7aG28swxiJpMQvuPIIA6fNgniufj8ea/pfw/tPHF1JaTaXJFHd3WkxWxD29vIwwUk3YZ4wwJBAB5xjFdLo+geItPs7bSL3VdPu9MgCwtcLE32ueADHlupG0ZXCls5wOlYdx8L9R/4Qp/Bo1K1fw02IfPZXN6lruz5OPukkfLvz0/h7kAs6b4m1vxxqHiYaHd2lna6Vd/2fDFNB5pvZVVSTK25diEsAMA4xu5zXOaf8XGvdV8H3hvbPSdE1e1ujcxXgVHjngYK0YkZgCMk9uij146218I6h4f1nUL7w5PZQpqDrNPa34O2GcIE81CoJJKquVI7daxLX4V3Git4QGm31v5eiSXMs7XUb/wClSTj5yqgHaN2SAc9cds0CNj4Y+Lrvxdba811eWl6ljqk1jFJZw+WjRrtKv945JDZ4PcV100g5PT2Ncl4Z8N6l4e1/xJdTT2kllq12LuO3hV98LeWiEYIGfuA/jXRyK/JP3j1AzxQUjtl8B+H08Qf24ui2g1hirNeBTuZgMBiCdpbHfGc8jFdDHlV2LwuCMLwBn2HGff3NVFuPlBB5qzDJu6VRmPt7G0tri4uYLK3trm42iaaGJUd8Yxkgc4AGM8ZGcVaWVRwOBknGeBk54Hb8Kp+Y24ipNo60AWvMA6c/jT1uKqKxPapViZuaVyS3DcFp4uOd6jrjqcdf89K8Q+FvhXWLG8+Gc8+l3UNvpcviGK5LxkGGOSRzFuHUb8DHrXq/ibXrTwh4Z1bXtQLLZ6ZayXUpX721VJKj3OAB9a8+8VeLPGfhP4ajx9eXVjcRwxQX194bFoGijtnZfkjnJLmRFfOT1IbgUxHsMUp5G4Zz0Bzj2+tWonPeqlo8M8MU8LNJDMiyxs3dWAYH8jVoLzkUgFZvm61PG3aoEUb8tVlcA8DikAnOaerHbikVlYkd6evSgBY1PrmpfLNNVvfFOWTPegASI9SSKesO1uGpd1O3DrQA/bxTioYc0zeBikMlADlQdBxSMozzzUe75qWgCxuC4wKX3qAtxTw429aEA/IoDCoDIOeaQyDGc80wJ+Ka1QrPuFDS/LnGaQEU03lP0yBUDS+Zk4p07bgT0qK3VWY5OaAJo5RGvH86jWY+YaGUKxFJx0HFACNO6k9xTJLpxjFI6M3RuKaYwD83NADWuSzDJoa625waEjTnAqOSEZ44oALpt1rIw+9xU0YG0HpkVGMCPaelIH29KEBO0ixjqAaha9Q4GDmmMQ5w3X1qvLCBypJ/GmBPM8bD76/nUUjKy7Y3HuagaMN1UVKlvGq4ZB60gAmMbRu27aC0bbvn/WmzQpsyFAxUbRxsqkdcUAJkE7M/8CzSsq7QM9KRoxt6fjTOAKADcik5IAPHWlUqufmzUciK43EZx2pi454xQATSLzzXn3x48Rah4b+D/iLUdInktbyNIYzdQNtkt4nmRJJVI6EIWwecZzjiu9lhVlPeqF9pttfWNxZ3cEd3a3EbRSwzLuV0YYYEehH9OlAHlfxI0/T/AIW6ToXiPwnbpp11Z6pZWc625bF9azyCNkl5y5O/cGfnOSCOg9jeZFkeMNuVWI+YnPXpz09OB+fU8LZ/C7SrWTTUuLrUtR07TGElhpl9cCS3t3AwrAbQzledu9mxxjpXUyL8w5JPcscmgaNLcp9B+NMJHaofL8yMFeDTPObGD1HegosbflJxVS8hhltZopkWWOVdjxycq6nqpHemNNIwwG4zUcuWUAnPegDJtfDulw6amk2+m2kenqOLVYV8pcNuAC+gIBHuB6cyf8IZof8Aal9qa6Xbi/vVaO6utuJZ1IxtdhjOBwOw9KvKdmSODS+c27g8UIDjfEHw3VdJ0/T/AAzPZ+GbK2uPtMlrHYiaKZhgrlS4wAwDY9VX0Oen09mhWOGaVppFUbpGUAse549Tn6dKstIWb5ugFRN8m5h1PSmBeblc9KhOAfU0yK47Nk1A1ynmHnn3pICyQG4Ipsi7kNRNcHGdwA+tQzXR8skfMe2O9MCRlA4xTSox6d6jaRlwHGG9KZJOVUZXAPfNIaGpGrSE4709lUnGKhS4WNjkcetS++cg80FDZIwOgGKjkhV1HY1LLll+U1GoO3k5pARxw/NUxtVbgjHFR+Yd2ac1wWXHSmBTNr9nlyp4PepPMCgZ6ntSljuGD+lQyL++ZsdeaAJdgYZFNeJduSOaZGxGee9OaY9qAG+So7YoKDGCAR6HP59adHIWbB596Wb5R60AQMvb5iPr/kUgHy4P5ZOPyppY9uaA5xyM0AO8sFQMk46c4/lUfljkkc+/NI0xDcDtTVmL545z60AIbcMpAGfY0xoVXAxj8c02S4Zc7eDTPtB6MOfrQNHdxRs2MirlvEU5/SoVlVWGeKsiYHGKozHKnz1Y2hR61ArYxmneZnikIsKq/SplI7GqqscYpY2NICl4y8L23jjwjrXh67kMUGqWr2rSDnbuB2uB1O1sH6VxF14R8WeLvh1Y+CNctLOxsGghstS1mG780XcEbJkwxhQwdxGOWxt3N97Nekbm3D+77cfr1/Kn87gR97+8Bg/mOT+JoJLilY9qRp5cSjaiDoqjgAfhUvm++OKqR5UDC8emeKkjjZmORxQBZSTjNTeZ8vvVdRtAAqZfmIyKAEjb5ic1ZWTjHU0xY13VIqDdkUAO3HbjGKYm7mpqVVz2oAYFJ5zTxnpUoAFKMUAM5oG70qalVuKAGgfhTttAyxp/TrQBEyntTlU7eRSlx2pN1ADWiODSeWdvSpN/y9aaslAEflnsMCh1Ma5PNS78KeahaZdxLHigQzy9y01LdY23Y5qTcGXcDxSecuPWgRG0YZulAiAqTzFxmmMw5OaAGtGv49aY0Q5pskwDAY/HNAmPIx+NAITy8NSGEHkjNKJlYnmmSXAXpzQUL5Y9MVE0fPFP84dTTfOXmgCIx5bNDR/LginNICpINRCbI5PNADfJVulOwBwajkfHTiojMT1oAmfDcU0RhV6VF5y7sE80/wAzI5PFACtiotgoaReeajWZWbBOKQCsoAxTWQcU15PyqOScKCcZwKYD2WmPEGGaRbhGAOeooMy4JDdKAIXXb1FRsqt2p8lwrrUG8euaBosqdqYXio1j65GTUay574pVuBvwTihDG+SOSRUZjAU4qYzLyM5qHzAvBpjIF27ip4NL5S5zUd0xXDKBkGoJpmkwT8oPYHFIC35KdevbANVmhDzKP7pqKFpIJPlBx1yTmpIpMMx/iJzQBajjROKY9qmeg59qGkG0sOTQZRu5NAEH2VHypXgH1pPsK7eMjByOae0yKxIcfSniY7yv65oGivNavM5OcD1NNaItGEK5wausw289KhaTjgYoGUZrcthAPl6k1NHaiNRk5NTbwuMnk0xphzjmkMZIvpTFj+U1I575xUPmEcZpIBPs+PekNtnnpTmkK4JNOMnTnHFUBF5W0gfj0p7Rq5yRzjFHmLnrml3A9KAIGt1x6VXeDHQ/pV1yFX1qtu3UAMijx834USR+Yp9ad5g6YpOGPNAFUQ7eKd5fFTyKF6VCX4oAhMJY5pqxFST07VKGIamySbcZ6GgCCa33LuXk1GtvkZbg1a3L+FIuGzigaOpaRjz1q3C2cHPPpUMKjb0qWL71UzJk7OWYDGKkVG3ZxkUi/eqx0xUkjo/u09F5pkfSpE60ATR/NxUgVRUadDSKTvNAF2P7vFSDNVI2Pr3qXcc9aAJ1HzYqVWC1WVj60LI3PNAFpX9fWpPMxVKRj8vPerDdqALSNu4pzMV5HSoIuo+lPkY00DJfO/GnCcL1qt6U5eWFNkl1XDL6VG0wVsUPxjHpVbq1SBY+0bW4p3nFhmoVUelO/iFACNluQ201Ksg27e9Mpy0AMmaSPntTFkLMMmnzfdpjKNqnFAA8mCRmonk+U55pwUbulOkUccUAQxyHHJ49Kj3HnnvU7qABxQVHHFA0NUn1p/3uKCAMYpI+9A2QXK4xj1pFfsTipZP9YKZMo3dKCSDB3E4o2A9alk6j6U2gaIXU1Ey/KasjpTWHy0DZTXMZI5PFNGecZzmra0xlHPHegSK77l688UxssOmKuN92odox0oGVdvPvUq8rz1p2BupG+9+FNAQLH8xBNJtA7c1NUcnUfSp6gRz5aLjrVZs7TnnIxVqo2Hy0wKm0quBUQLcjHWruBuH0ppUY6UAVOQAMU3aT7Vb2jnim7R6UAUvm3YxTWzu96uR96ibluaAIkBFMuDtHXmrB6VBMMrzQNEO4svrQ0YZR370+P72O2KlVRt6UFFVcpJ0JFSPGG+cfe6dKl6Dikj5JzzQBXZiyle/0qOSZDlOS3oKLj5c44pbBBtZsfNu60AVI4wqPlSpJ43CrcJY7SR2qxIodQWGTmnKoz0oAP4cHmotp+tWO1Jj5TQNFF4z9e9MZT1q8yj0qMqPSgorbWZelM8nPHerjcCmqOpoApNG68E5/CnbSQM9atMAVOaZgUAVDDzRsbdxVphSUAV5IzjrVfYeR0q83NRlRu6UAUmUqaYzHgCrkgG08VBtGDxQAm7dH05qq2d1W171GyjceKAIdp3cjFJPHlRgbqnpVHFAFPyyoyRTrdfmPpUzd6YBt6cUDR//Z)

**Производные, полученные по карбоксильной группе**

Оральная абсорбция этих соединений, полученных путем этерификации карбоксильной группы различными спиртами, чрезвычайно высока, а их биодоступность клинически желательна. Эти производные называются диэфирными пролекарствами. Обычно используются ацилоксиспирты, этоксикарбонилоксиэтанол, бензоизофуран-3-оксо-1-ол, пивалоилоксиметанол для образования диэфиров.

![Text, letter

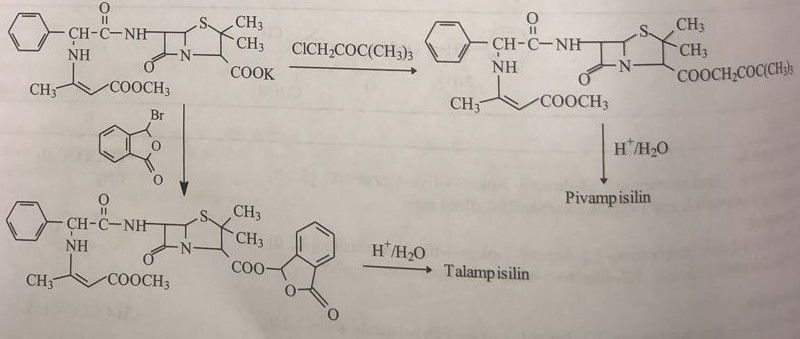
Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4TFQRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjI0OjU0AAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAM5NwAAkpIAAgAAAAM5NwAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NToyNAAyMDIzOjAyOjI2IDIzOjU1OjI0AAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAH6QAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAmAEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A7nUdKur2dwt6YYWJJUZJ5UD/AB/OmNptpbus0+oSq6qFZ5JgNwDFhnPu36CoNCxaRadHb+TBG8kJz0R5FOc555Hc1aIgD749Medz1KxqD/4+RSAuwvO3zi0WI4xiSQA/+OgirIa7I+WKBfcyk/ptFIQqx6gT811bAegt2z+e/wDpU4ilxzctn2Vf8KAD7NKR/wAfk/5J/wDE037DGfvS3DH/AK7uv8iKAA2cSrkeYf8AelZv5ms+7eGN9g0+a524DMihgDjODk56Y7d6AEgtrCdmD6bDHIAGAeJckHv/AEqyLaCPiOGNP91QKADkDk5FI1MCM4xzTCMCkBXlkSIAuwXJAGT1J7VRt79biMeYvkyc/ITwcHse/wDnNAyrcXd4dz2kYdP4Mox35H3gR2zx+versEgmQkgggkHIoAsjJ4/WlPyrx2pjGMWzjjn3qJi+e1ADWzjNRnP4e1ADW9jTGYbeaBjARjFJn0oA1prWGZy0qs4/usxK/wDfPSnJDFFxHGiAf3VApkk6VOlICVQM81KOOlIRKB6mnAnOCaAF5PekO7PWgBG6dazLGYESW0i7J42y/XDE9SPx/Qj1oAiupGk1KKCHaska7zIVJwO47e3Ge4PaoL6K/ZnSKdN8kJEe0sgVwTyeuRyPy96AFW1uzbsr3kgdvMAC4IAJODkjdkAjv2pq2Uqy7/MKg5O1SeOB8uT2yM/jQBUudGae5MondQwIKnkc4BPX0H+e5d2bJ9lzPPxIFfbO6hvlI6A+uD+FAEWy2gvuZRu8v/lpIWI6885wODk+wqHUrixlsZQ9xbuqruK7wc45/pQAOZnZUs7jcq7DkMG43fNnPP3cVbsxN9nVbnHmqoDEfxHAyfzzQMsjlsg04jjG6mMYRzndyKjyM89aAEJBHtULjvmgBo24prY9KAIyfakBz2xQM3XbFM3c0ySRSe1Tpn6UgJV+tTKMjApASge9SUCAgjkc+1GRjOOaAGkj0qrcWUMz+YfMViMExyMmfrgigBkVvHbs3lhyWxku7OfzJNVb97hbi3MNv5i5OWAOU5Az15GCf50DGWl3cSSCKeHYxXdxxx8vr9T+VWWBJzQIjK1kCGPViks8WFj/AOWLYIyRnkY6juPagCc2Nuro6xIrJwm0Y29en5modQC/YJ1kY7WQpwMnnj+tAyq+qRIRG8cquVYgHHO0fN0P+c1PZXUV2kjIGGxynPemBbG0UuVoAa5GMioiTngfpQMbz6U1yQOgFADC4Vcll/Oqr31uhw1zAv1kA/rQAz7bE33JA/8A1zBb+VOjlDnGH/4FGw/mKBm+59qj+amSPVWJ61ZjU9zSAnVR61Oqgd6QiRQBUgxQA7dgcDrTST2FADPmzTZGYDp+NAFR7y2jbEl1Cp95BURuoWPy3EZHs4oAia+ij+8ZG5/gid/5A0wX6PxHDcn6wOv/AKEBQAjTS/8APtNj6p/8VTDK+eLebPuV/wAaAKskl8eEtYf+B3BH8lNMIupEKzRW6q3BAcv/AEFADPs7KCF8hf8Atl/9egLcDOJIRn0iP/xVAxfInbreSr/uIg/mDSi3kH3rudvqEH8lFMB/kbhjdIf+BkVH9jU8s0+fTz3H9aAEaxt/44g//XQlv51RuUS3uIEi0+JkkJDssQ+TlR/U/l+IYy6IYx0jQD2UUhQY4oAZj3pu3BzzQM1pp44QTJIiDuWbFVft9u/+qlEv/XIF/wD0HNBJMlyvULKfbymH8xUiXk+dq6fckf3i0YH/AKFn9KQFxHuSM+TEPYynP/oNS7rthhUgT3Llv0wKQDkjvj9+6tyPRLcg/mXP8qsiKQj/AI+HHuFX/CgQnkSMcNdTkenyj+QBo+wxZzunJ953/lmgBTaxEYKZ+pJqu2m2Zbd9jt8+pjGf5UASrGqLtRVX2UYphU560ARsvvTCo9aAI2CjqetQSyQRjLyoo/2mAoAqtqVgTgXluzeiyAn9KabyFh8olb3WFyP5UAJ9ojI+7L+MTf4VC946n5LK4kH+ztH/AKEwpjBLm4c/8ecif9dHX+hNSl7j/nlF/wB/D/8AE0AKrXWDiOIHP/PQn+gqBlv3f/j4t1A/6YMf/Z6AGsJFz51yOO4UKP1zUJkjzj+0CPoUP9KBjcwyYzeyyZ6bWxnr/dA9D+VMiW0llZI5ZWdPvAzSHHJHc+qn8qYExtoiMFcj3OaiFnbJIHW3iDjowQZH40DLGtXl3ZyRG0tBOXDbjsJIxjHT6n8qr2+oancaigayeK3+6+SPl4znnH0oJN6MDPJq0gUDrSADe2kRw9zCp9GcCpUvbUjKzxn/AHWBpCA6nAnASdj/ALFvIw/MLUyXsjoClrOc+qhf/QiKAJhNIW/49pQceq//ABVNaW+z+7tocf8ATScqf0U0DBftbD5/JT2GX/wpjrddpoPxiP8A8VQIge2uX5a+kT/rlGo/9CBpotXH3rueT/eKj+QFMBj2aMeZJ/wmYfyNRNp1qfvo0n/XV2f/ANCJpANFhZocpaQL9IwKXyol6RoP+AigCN5I1Ay6jJwMnqemKhkniRQWkUA5wc9aYEEt5BGG3PjaATwe/THr+HtRBcR3MXmRNuQkgH1oAfmnKNxoGSDqajk5Ixx60AZl3axJGGDvktg73L5B4PBz2yfwqra6VYso8uWWTYytljzuA4PTr8xP40DLwsYVO4A7s5zn1zn+ZqKHTbeBldUy6/xnqev4dz+dAFg9KYRmgY7WL77DNAGeZUl3ZMe35cY9QfWsltVV4Ema21GbKbmKyMoX5Q3Vccc4/CmSPkudRNqptdKuN52tiR2PBPI57gDr71v2FpFcpI15ptujrIQm5AcrgYPP4/lSA2IIooVxHGiD0UAVZXFAEgxThIudueeKQDZLmGNUdnBRmCBl5GScDp70xr6APKrHa0bBSCRkk9MAc80AVl1e2aFJCzAOFONpOMjIzx6A/lUCa3DOV8uN9rbSGbAyCyjpnP8AF6UAOe9lR5T5RljG3YEQgjPXOfbB6d6oRarfyRjdpkwYylTkEbV6hvcAccHOR0oETl9QeS3k8qNEK/vI/M5BI7/L26cVSX+2WjdN0SSlBtZxxuwvORkYJ3cD0HrQBYkhvCsh86MOyAZUEAH5u2TjqOfast9K1CVYRLqXCNukADHfwMdxjkZ4oAWXRXlhkjlvpyrSLICOoIbPfPt+VI+kR+esiTOGDMXyAdwKkY/X37+tAEzWETH5mdl2hdpbgAdOnf3ogtktkMcYwmeB2HGMD8qBkoFPXApgOGd+c8YprDqRQBXmiEqgNn5TkEEgg1XjtoYZcxqVPOeSc5x/hQMmdxGMscDOM0McDNMBm8HsaQ0DLt5NNEyeXEXUqxZh/CQOP8+1VGl1DEIigEgYsHL4GB2OMj0Ix7igkI31kl/3UC/Nhfpjr1Pft7mrctteyG6CSALIqgbnO04znA/h64PXOKQERstRIVbnUYkjaNoyDzuY8AjgevT3q4mmTznzF1ORYzI7BYycD5jwOccZx0/lQISPSLZZthu2aRm80x4HzYAU4zkkdOOccUsGmafGtvMjzyKyI0ZOBkDhew5Jf8zSAvrNp6/IhVgNvzKCc8nGT35BqnNf2S6WZ0iM4aHzCJmJLKAT1Oe/4c0gHjULBEK21tGXRQQEVcfdJHf0BpDqjCREj0+XDOFLEY2578A0wBby7bZ/oztvGTlSNnXH+Ge1Vll1l7OITW4jPlfvHDDeGwc4APrg/nxQACLVZgTM6qM5Cq2AMA+2epH4DpSTWuovcE/bVSLzCwAHO3IIHGPQjqf14AJLO2lgWXzbl5y7AgsT8owBgZJ75P41MQMdaAI275ziomK9aYCFsj3qIlqQxg3ZJz+tOD8cGgB2/ikL+ppgQyzbY2YDJAziqbpcSIs0Uw3sMgfwEen09+v0oAXbNOCJJNqgkEIMZ/E02K7LzSQshHk4y2evXt26Z+hFMZZcjbR/DQMsaib1QjWYUkA7g3Tt2/Oq0K6uZQZJIVj64Iyep6ge2O/agkGtNUCjyLuKM7SMHLEHOep69+w7enM6aVdNIzi9YLIQZFJJ3cAf0x7g+wpCJV0S4aIRzai7gMjD5CPukH+93IH9MVbh0WNbB7V7mdleTzC5IyDnPHHrzSAtWmk21ncrcRF/MVGQEnsSCf1A/KrKafbhEVVK7ECAjrgYI59iBQBOtnboAFiTjpx0/wA5NNWztY1wltCo9AgoAk4HAAHtSHFADCRUbECgCNmFQkoXK7huAyRnkf5waAIXkjR1Qthnzt98VTm1C0jwDcRFycBQ4yTnGPz4oAqS65ZrGSHJbGVQggtyB/M4qD+2IMRMoL+cwCHsQcc+3X9KYCpqOZYgTGodmBUHcSBnBHtxTLG7uZ3dbmIRnYCBjHOTn8uB+HvSAujPegYXOKBgWpjPzzwKYxJU8yF1U4LKQDVYytb2/lpA/mKNqLjIPpz/AI4/CgCNY7xGLF4yCclSp/Q//Wp1rI83ms/GHK7c5xjj+eaYE+3mkc0gLmoR3Dwg2jhZlyVycDO04z7ZxWI9v4lDZS6gMY4VAwyevcr9O/50xFmw07U11KOa7vY5Io2dti5zhs47V0SyxKxQyKGUbiM8getIRMJ41VX3ZQgEEDOc06HULWaMOk6bSu7k4wPUg9Oo/OkMf/adkud11CABkkuMd/8AA0ratZxozmRiq5yVjY4xgdh/tCgBX1SJrWaW3IkaIZ2kkbgPTg5pz3wW4KAeYgUnMfzEEHGCB/nj8gRmSazfLgpp/m5PVWbgb9o/hOeOTQ95qVzbuYbVomIcKCMMDxtPOB3J/CgZYK3jSCXKIwRhs3FlJyMHoOw/X2rPWLWVLM88Chscseh3fTB49Mc/WgBbmxlnhhSfUHR1lRwEC4JU7scjPIFVJrC3juXle+AyQ77nAKgZyfTq36D0oERxpYW6x25uZJkQZyz7hyDxx7Z4AqjJJom2WaJZJGC+ac7wBgZB9s5H50ATfaLBIoS1kGkZAcAB8c4xk8nn0FFncfa0VfsIihZDkMOnTjGPf9KANEpx70gwBnbzQMTcT2pp4FADS1JuGOaYChwBigv6igYjMDwOaq28LwNKWfIdiwH+f88UwJgc0w0gL99EZlRVmMRycEd8qR/WqMuntLFsS6WJ1Z2Xy1wFLZ989GP86YiGKz3SQ51SQ4Q4GGG7aRknJ9x+FXlhs3DwzXzOFTYQ0vPPHPrnjjp0pCGxWmkqiyxzbzIRMNu3dgZYds+v5e1S21npTLcO5lxCiRuSxwFCrt+6fQDnrkZ9KQF2K20i42QIglUN5YBLHBG44OewwauPHbxxzgQRFlzhWP3yQG/z9KAB7uKDy44oUXed7KUxn5ScgdzkDJ9xUA1G98gBbFw/ylmVTtJI3HAx+H1pATQXOoShvOtAilc/K2GHAPGep5I7fd96jlj1KTT1hRkWRo9jSFuc+vt36E84pgQpa6qSPNvYxymQgz0+9zgcH0/Wnz2DyLMFuGjaQhtygZzgDn8u2KAKUnh6CZMXE8shwQeRjk56c0n9h2ayvJ+8LOAG+bGQCSBx9aAFXTrOL5UgAHuxPbH8uPpxQLC0Q5W1hBICkhByB0FAaEmABgDA9BTXIAOaAI8tt6Uo+7QMaelQu1MCPd60daAJAQOTimNcQIu9pYwucZLDrjP8qBkL39rGCzShVHVsce3Pv29aZNfxxhiEkcqrMVUc4HXrj1H50wGJqET7eGXcxTkdDnAz9cHFTk5oA0L20jvERJCwCtuG0jrgj+tZ0OhW8LRv50xZQAcEKCQBzwMjp60CLJ0uCQo0jzMyhhkv13dfapYtD08RLH5JKhSvLHoc5/maQFuHR7CMIEgxsQovzHgHOR19z+dW4tNtE8zECnzcb887sdM59KQFmG1t4TmK3iQ5zlUA5qwURiCyKSDkEjp2oAlFI3SgBhNNNADDUTn0oAhOe9Ru3NAELP7VEzGgCLzATgNzmqz3sCzmJ3wwI4we5wPrQALfQvN5aHd8+zcCMZxnFRyX5CjZC24kjDnHQgds9yP1pgT7w0asOhGarM2TQAg608UAQSW7SOrmdsK2QjKCvQj69/WoYtKiVVUyPtXkYP8As7f5ZH40ASnTbXyhF5eY1AUISSMA5Ax7EU4WsI6xhv8Ae+Y/rTGH2eENny146cU4mgC5qEtzFCrWyK77/mDAn5cEnp34rMuNdmt4nkfTLgLGhZuDgYUHrjHc/kaBETa3qeU8rTJgCCW3QsfoOO4roNNu5bqAvLbPbsGK7H6kevQUgNJTUymkBIpqQNjvQA4uqoWJAAGSSelRfaYSYlEqHzv9Xg/f4zx68c0AQSahaRSOklxGjJ97e2AOnc/UVWudZsoFB+0K24EjbznAJPT2BoEMXUVlVDEA3zlJF3/MmM9h9CfwqnJr8CzFFjkIAbJIxkg4HXpyCOcc49aAHHUrie3c21lKzlAUPAGT67iP8ntVK4udXDwSLbqEKBnXGSDtbIOPfYOAeuaAJAuoSCVZmiVcgpjIPbuPofzqpd293NdfJeqq8FkGcgduAR/9egZHb2KwjFxeM7LgltxTOAevP5/SnRaLaKUdWkIA4O/qOPTr90flQIsR2NvCTtU4OOCSefXnvUi29uuSsKAk5JCjPf8AxP50DImP8KjCjgCoz60AMyaUHA60wBpFXAZgCTwCafFPHIWRHUleuD0/zg0DHH600sFHJAH1pgU579YmH7pypcJuGOuf6c/lU6yK6BlOQelAGjdGdVQwKrtvGVZsDH1rOEmoeSmYd+5wX3kZ245AA96BCJd6oFYiyBYSBVXIAZfXrxWjG98ZI28r+EgrvAXtyeMg9emelSBEJNcW3VViiZtmG3YzuwO4f3PbtU2dY8xxCwVMcbyCdxLevbG38R9aAH+RrzusguIBhWXYXIGTtweF7YNTS2l4yhZNRELOSFIbJyVwMdOc5NAFuzt3R5Ab9pnXAKk/d9M8+x9M03y7Rkg8y6ASI5j+faeVxwevQnof5UgK0tjpJkkdm81hnIEuSATuPf8A2f0pGi0oPNGyLtVBIzM2VO4uOOevDZ/KmIiTW7OKWSDymQRt8oRck5PJx9c8jPr3pi62ZpSltZO7YVsu237xwOmff8sUARvqmoPL5cFkpPlhyGyCMkgdcenTr+VNU6pJ8ssaqgYg4bkruGDke2fSgZX+yaq6p5t6F+Ubsc5Oeew9u9KNJIjkVrl23qFyeSAMepPp+poAYNFtA2XMkh5+83QEk4/WtDcOlABn5qbIwAOO9AFYnnmo2fBxTAYXAppkANAFW5tTcSLIshVlHGPX/JPY9akhtGjWMefIdpJIzjOQc9MdznnPagY1YYp7hkPmsiDkSOWBJPXkn0/WkxHa3scSwrtkXB4AwR3Hr7/hTAsmJdxYBdx6nHWmbQg2ggAdAOlAGnfi5eEfZWVZAwPzdMd6z92rKy/LG67snoDjI/8Ar0CHt/aC7mijJPn7sNIPu4xx7Z55/KlRtYM0cnyr2dCR93A6f7Wc0hFiBNXxskkiCmQk85yCwPBxkcZGPccjGKn0601O2dmmuYnVoAgwSSHGeenvSGSJpuoSBDNefMrqwIJ6A5I4x1wP1q9NazS3RkV4wp2Z3JuPyknA5GOo/KkBJ9iaVHM8rF3UAlPlA4I/Eck85qE6FaOpV95BBHYcFdvp6CgRMml2cKBUiO0dt7e/v7mpSsauWCqGICkgducD9T+dAEaxxRD93Gq9vlXFNIQSM4Qb2ABbHJA6fzNAyNm9qhZsdxTAiZuuWAA61A08XliTzV2MMht3BHrmgCq2p2YcoJVZgQPlORn0+o61XuNZtoWXYRIN+1ip+7nGPbuPzoArnVp50H2dEVvLydwLYbGQvGPf9KdNc3UjHy1kAIXgpgjnnk+2f0oAntvNMGJSd+TnNK496YEW0deaZkZoAkVvQVMjH+7QMJItyMUGyQ87l4JI6fWoLJ5JrRZZGyz8njA/AUAS4Ct1qJtueaYGheiYxqYGUOGz8zEA8Ef1rHJ8Qggb7dsNycds/h2oECSa/NHIdkSZcqvY7QTz16/0rS0f+1BtXUBGV2nlTk5zx+lLQRuKyjrT0lGzGaQydZBjFP8AMVeScdqQhwmTdt3DJGQM1X/tO3MIlBYqZPK5UjBzjv70DIJtZtIZjEzsSFLEhSQMDJHHfH86qTeILWMAbJSzHGNmMYxknP1oERxatNd20rW6AMuNpZCQflU84PX5vXtUd9eXocrBbSZUg9AdwyB9OmT1B47ZoASOXVJH/eRxRLnr1yMn364x+Zqm9nfi3iWS9j3JMzMxBG4EnHf3XimMWC3eO5WaW+kJjj2tFnORuyCeeuBjp61Vlh0uSKATXLARLtTc5XjbjoenHp60CIBLpkNwBBEzmVwWJLYJYhc88GnzanbI8gitDI65LEIOccfXOcDFAy1azSXEO+SER4PyjOT069B6mpyMgUAIeFOT1qJgo5oAjdgF6VFu9BQA8OQM4wPU0qXkJOBcRE+gcGmAG7jYlFEzEjHyxNj88Y/WoYEa2t/LEUpOc5JUD9DxTGHmXLH5o4Yx2IcsfywP50jrOwx5qKPVY+f1J/lQBrXkfnRqvmGMhwQfcVQa0n8p0jlVGLBt3ckAYJ/ED8KTERpaaj50Z+3LhUKtnBJY4x26cDirkNre4g864SSRCTuAwR1/PqPTpQIVLC7SeRxeARl2cruxySSM/Tj+VIumT7lS3vo43BDMy87gAoxgEdwf++qQywulTRgtNqbN3BYH5flI9ce/5/g7+yba1Cy3OoTttC8nvg/jnJI/IUCJUtNLs5IUacKQFCI7hc9QOOPU0jXWmLLhZGlLOCwVjtYk4BPQHp+lICVm0yN5JWt4RGE3eYoDBux4H0/Sq/8Aa1okrqlrtIfAIUZ64P1544z29aAJDfXMsKNHbSAF1BOMggnB9+B7dqa8l4wmaFPMQhTHuO0+4AIHPTqe9AFBrPVprFYmnWJwEOWOTkYJJx7gd/X1psml3crhpL9lAbcEyWHsO2ef5D3pjJjpkG6V2kmZpRtYmQ+hHTp3pj6daSFvMQycEckjg9RxQA77NbIFCW8fygY+UcY6U8tgc4FAFVr63R9huI9390NlvyHNBuRjKpM3oPLI/nigBnnTSDP2Vkx2kkA/9BzUcn2pvumGP6gv/hTAYyykDM7A+qKB/MGo/soJ3M8zt7yED8hgUASiyhZwzQxsR3ZQT+tXVTjGeB0AoAfs75ppVSeaYxNqjsKY2MUgLF7AlzbmJ2ZQe69RWR/YzA5W8aPJ52Z5HOO49RTEWpNPkl3Yu2ViyncEHODnn9emOtKmlXBVidRl8whgr5Py5OemaQiVdFn2zAanKPMcMDg5XjGOvP8A9arsGlmO7in+1HCMx2beDu7dfakA0eH4pOHu5G+UrwB0J5/r+dasltHL5YZz8qFDwOQcfh2pABsLIk/u8Z64JGeD/iaammWC7cW4+UDGSTjGcflk0ATskSOZViQO4wWCjJ+ppAw2/dAx6CgCvNdRw582WOPPTcwFQvfQbARMG/3Msf0oAr/bBKP3UNww75jKf+hYpry3BX93akn/AKaSBR+maYyMNdFMv5EZ9Bl/14qJop35N2y+0UYH880AI1sHGGeZv+2hX+WKjFlbociCPP8AeIyfzNMCQJjoAB6CnEcYpAJgCmNjtTAhY0gNAEimploAcWpueKYxhqNzgUgLNyJ22+TJGuOodC2fyIxUH+kd44j7iQj/ANlpsQ4GdR/qovwlP/xNTRyT4/1Cf9/P/rUgJ0eftDH+Mv8A9apla4J/1UPH/TU//E0gJRLcqeIYf+/x/wDiaX/TW5V7ZPqjP/UUCHxi6/5aXMZ/65w7f5k04pKel3Mv0VP/AImkMjazBILy3L/9tmX9FIFI1nCVw0IdfRyW/nTEEdpFDzDBFF/uIB/KnlTzk0ARNGPWmlRQMjZRio8AcCgBjGo2NMBm6jdQAhzUbUARmm5zQA8VMhoAUnmkzTGMZgOars2TmgD/2f/hMehodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0b3JUb29sPldpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQ8L3htcDpDcmVhdG9yVG9vbD48eG1wOkNyZWF0ZURhdGU+MjAyMy0wMi0yNlQyMzo1NToyNC45NzM8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAMCAgMCAgMDAwMEAwMEBQgFBQQEBQoHBwYIDAoMDAsKCwsNDhIQDQ4RDgsLEBYQERMUFRUVDA8XGBYUGBIUFRT/2wBDAQMEBAUEBQkFBQkUDQsNFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBT/wAARCAHbAyADASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD7E8Vf2mdDujo86Wl6MMlzJGJFiAI3kKep27j9a8h0v4tXngn4d6Fruvz3Xia616KO7kMrxwraqNqyqvy45LJtUDOM8mvbtQybO4KxNM4icBFxuc7ThRu4Gc4/CvDb74JeJPFnwt8C+HbnUrXQZNHt5BeQTL9qHmFgI5FCELvABHXgM3tXOdpxFz4v1XQYfHvhww2r6Nq114jEeFYTLcRwl/mbONjKduMHGKteF/iB4im8WeFktry4FnBqOj6Guno5EM1vLYebKSAOWP3gxx/qx616jafAvTEvtYlv9VvL2PUmvf3USCAQ/awiTlWBJyUQKMnIyTXS6P8ADXw14f1K01Kz0lVv7S2jtIrmSQvJ5aLtGSeC4X5Q3WkB87ftGaTc3XxL1GZVuf7Rm0G0XQZYpnRpLlb1RJGmOrhXzgZG057V3lr4u13V/jt5Ufg3VNQtbFP7Mi1meJorSNSA93KGIxukZBGpz0UY617g6j5C21yhyhZQdhyMkEjjOB09KcWaVQCW29eGIH8uaVxWPnnxZ8PfG/xUjsdR13wzp7Nc6Hd6Y+kSXqpFp1y8+6O5znkEKpYpl+MYwa9O+HPgbxH4InttPn8Qw6h4ZsdGtdPtLMQFJWuI+JJWc9FI4Az/ABdOK7laerBsDPtRcRk6J4cudL8Sa7rLan9q/tOOGKO2S28oQRR7wqBt3I+diQV5JzXN6L8BfD9jpQ0+TUNbu7ZdVGtRxS3qxpFdgk71EYG0biWwOATXocXTHpUsYPQDmpuBzP8AwqfwjI2pPcaKmof2lcC7vRfzyzieYY2uys5BOPQccelb9r4W0Ozlmkg0XS0nnwJpFs03S4/v5Bz7VoxxyMuQhI9cVDcapY6fGz3moWloq9TPcImPrk0XAvxKIQqxDy0HRI/lH6Y/T8qi1jS4fEOl3unXkk32e8iMEximYOUbG4BiOAVyPWuTvvjR4A0ViL7xvoNu2M7RfI7fkmTWYf2jvAD5W11i71du66XpVzc5/ERmpEd54V8O2XhPQLLRNO84WFjH5NutzO07ImOF3NyAAAK2Vyx6HPXB5NeaQfG63vlB03wP451VP4DFojQKfQ5kZePwFSf8LK8Z3n/Hj8Jda2njOo6pZ2v4ld7H9KYHpi8YzxTgTnOOK82Gv/Fm+wtt4H8N6WP72oa60v6RRZ/WpPsPxhv8B9R8C6OP70Npd3jj6b2QUDPTUbjPanKx3CvNU8GfEu7Yfafiba2Q7jTfDcSk/i8rVOvwr8QXLbr74qeLJyfvJYra2i/+OxE/qaAPSFV2PCMfoKf5MmCTGVX1IwK84PwN0y6IN94o8aaiOn+keIJVU/ggXFH/AAzv4Dmk/wBM0i61MjndqOq3c/8AOUigR3t5q9hpnF1qNnanGcTXKJx68msW6+KHgzT13XXi/QYPZ9Shz/6FWXZ/Ar4c2i4i8D6G+DnM1oJT9cybs1vWHgLwvpePsXhjRbMjndb6bBGf/HVFKwzn7j9oH4cWrFW8Z6bKRwVtXec/kimq3/DQHgqbH2S71XVPT7Fot5L/AOyYr0SGCOIjyYY4cdPLQLVgzSsQDI4U9ecfyNK4HnSfGazuADZeEvGl96GPQpY1/N2FPf4na7cD/Rfhj4snH/TwLWAf+PzH+VehZ3LjJ6556GmMCzc4/AmkI88Pjjx3MB9m+FkyZ4H27X7WMr9VAbFPGufFGdvl8G+HrRSMZn8QPI347IcY9hXoLKOOtG6gDz9R8V5o/ueB7A/W8nx+i5qM6P8AFO6y8vizwtZNnGLXRJpsD/tpMK9EPambetO4HnreDfiBMxM3xMjiyMf6H4dgXj23O1U5Phz4mmkEU/xT8QkdS1naWkH/ALSOK9MMfHSq1xGVYMMA0XA82m+FF5JOFn+IvjmdSef+JnHF/wCgQj+dOk+BeizE/bfEHjC/z1E/iK4Gf++StegxrumLtyR2qDWNc03w7YtfarqVppNmCEa4vZliTd6bmIGaoDzt/wBn3wK02ZrDU7x8feutbu5Pz/ec0+3/AGfPhxuO/wAH2Nxx1uJJpf8A0JzV2++N/wAN7Q7pvHWgjnB23queOv3Qapt+0L8OIyRD4ogvAve0tp5x9PkQ0AXofgb8O7UKqeBvD4PbNijn9RWlafDbwjp4H2bwloMP+1HpsA/9lNVvCfxW8L+PNQmsNJ1F57yKE3BtLq0mtZGjBALoJVG4AsASBgZFdYWKxknoOrGgDOi0PTLVAsOl2EQ/2LVFx+QqXyVXKIiqP9lcf0qwf1pp468UAQtLLHGF81lXr94/0qs8xyT5xznOd1SXDeZMEHPc4qKa0LH5WwB7UrARtMmzl8nP97FIrLK23dkDnk0fYfmz5je4pZYisY2Yyp/OmA7ys9en1oWJUz15pY5fMXP+RTn9qAImwOKZ605u9MoAZz6009DSM3zH60H7tAEUifJ1qsQWXHvV3bleah8vaadxjVXbndzxUX41PyeopkijoOtZgV2+gqJkJ6nA9qkYGmtVAVy2zvTXbdkHqBuP09ac4bPTtn8K848e+Pp/D/jXQtB/tSx8PW2oW8tzDqWo2pnhmuEYAW4+ZVU7CWbnJGAORRYD0NR8v44FVJj84AJqn4budRm0DTn1qKO21ZoQbqO3yU3qcEryeCc9zxV54y8gIGDjtTAibKcbsiopJDFlv4en6VM0TNznnr0rgfGGr32ofEXwv4Otb2fTob+0ub+7urQ7bho4iAIUc/dDO4JPouO9KwHbxzb1Jwykc0ksxX95jcoGTzjgdTXjfxW0nU/BPh+XV7TxPrDaWuo6biEXj+ckbT+XOmVUM6sHUg/eHStCHVrfVPjtpEVnPq9vaT6JdSC0vkuraFpopYwJFjl2jPlufm+bGADzRYdz1ZWLS8fKMdKdHtVmB67qzPDfibSfFEl1Fp159qktJESZCHRkDAlWw4G5WwSGHDDkVuLEhAJ7+2KYyKKEefI4bjFW1ZW+6QaasYXjoKjlhEfzq2GHbtQBZO7bx0qCSYYxnmkiuGnG3GD3xU0dusfQZJ6k0AMt87sscHHAqYyLIdu4BvTNSLGq471FJa72LD5adyxfaombbnPSq7zTRTCMLvyO/FD+eV+UDNFwJ/vDI6VE5GTzVWSaeJASoPY8/rQGmZv4Rx1pCuWNw2nmoWk3d+KidZRE24jHtVSR3ZEC54NOwy+ZBjHXFQtIJPu81WmEkn7tPvdSakWFvJwrLkDnii4ErDcvJqDA3dRTlV9uGOabMo8kd2zxRcB7VD5wVyvf0pvlvxkkcVXmUrcZB5xii4E8kuelNjmL/L0NJbkANv7etKih5Mr0ouA1m25yahmlUL94Z+tSy26scYJ9eaY1qojIHXtmi4BAv7kH15p556VUgmMLFHPtVlWHPNFx2GyLx9arTwrsJ6HsasO3ymqN5cFVVe/pSKFh+5tzntUgXsRTI2EcYyOTzTmkO7pTuAjJTaeZMjBFJ1XA4NMBuabS5HQio2U7uDxQB6nJlVJzjvVdwV68Gote1CfStLubq20+51WeJcRWlmyiSRiegLcKPUmuH/tD4m6u2200Dw74Wt2/5aapevezD/tnCNufqasxO8wdwGOfSlkjMUZkcCOMcl5DtX8zXn7fDzxZqm7+2viVqSRt1tvD9lDYJ9N2GbH4imL8A/B8zK+qWuoeIphzv1rU7i5B/wCAltv4YpAbOsfFHwf4dZhqXinR7OZf4Xu0LfQKpyTWGPj54PvMnSjrHiGUdF0nRrifJ9NxQL+tdXovgPwz4dA/svw5pOnkDAaGxjDD8cZ/M1vtNI0apvIjA4UZx+QxUgebf8LK8SaiT/ZXww8STrxtk1SW3sR9fnYsPyqVdT+K+oOfK8NeFtDTPB1HVprp/wAoowPzNehKN3JOT+NTRruYZGKVxWPPU8M/FDUpB9r8b6Ho8ZHzDSNEMzD2DTv/ACFSr8IdcvMjUfil4suM8ldPW2sV+nyR7v1NeiLH81Tr94UhHm6/s++Frls6teeJfEDHn/iaa7cyL/3yGA/KtWw+APw305kaLwTpMkoOfOuYTcP+crNXb9xVhcHn0oAztM8H6Bo7D+z/AA/pNjn+KCxhQ8e4QVtxzSQA+WxjXH8B2/yqNaYX3S4HTvQBL9odlJLbs+rdfrTlZ2KkAY/GoFUjdwcZ9KtxrtjHHalYCSCTMhUn5vQVbFZ9vC32gzHjtVyOUSZA60xE341OnQfSoFGBTvNxxnNAEvmrnBzxUituUN2NVPvPnoKmMwiUDtQBOtOqNZN3I6VLnpzQAitTlO40KuaQ4XvUATAAd6SRRjIOah3Y5NL5nqcUASL92m0ySYLgDk+1RNebWC7QS3TmgCfn1oqBbjdkkY2nFCzeZk0ATc881Wuo2aPI5I9Kl85cHJH51BI+4/IwI74oFcrxq/mEbeWAwc9a80s4rb4ofE3UNRuoor3w74TLadZxXCCSK4v3UfaJdpXDCIYjHUbmb0rofip4suvB/hKaTTUE+u6lIun6TD1Ml3L8qHHooyx/3Per/g3wraeAfC2naDbM08NrF+8uGGWmkbmSZj3LPvPsMVQzndc8NeL/AO0rl/D9z4P0jTiV8tbrQ2muDhQCGKOoIz0xUUPh34lpcKJfiDpdtCpGUsfDoHfJA3zHGRxuHNdxcK0dxHuyF6FR2NMWPzJnBz+Jpgcl8VPDOoa9ZW2vaF8vi3QZGvNP3Nj7Sm0+baPxysiZ5PQkVteDfFlj428N2GuaZuMF2hPlyLiSKRTteFx2ZW4I9RWpcQ7UUxHYyNvyvXPr78V5bqEn/Cp/iAb5FVPB/i24CXa7tsdhqh4ST0VJ8BG7Bvc0Aer8L0OfxqOZtqsx9KhbzzId2wgHspGfw7VDeP5Mck00ix28SlmL9EULuLfgKAFt125dvvMf0qdmFedWPxS1bXvD1xr3hzwodU0by3ls2m1AQXN8q7hvjiWM4Q4BGXy2RxU/g/4kX3izxxrvh19JtrGPTbK0vUnW6kkMq3S7ovk8tduNhDc8EmgDum4PPGTTGUYNcN8MfH194z0TXL7WINN0s6fqVzpbJbysE3QHazuz8BSWBAzwMVuX3xD8K2W7z/FWhwjtv1OBT/6FSA0pG8ib0U4yPc9KsDpjvnFed+OvHF5/wl3hrwZoksFvf64kt5JqEy+bHb2sQwxRAQHeQkKM5A25xWR8RfFfir4S6Leai2oxeI7KeOGwsGu7eKCWG+lmVF8zywBImxt3QD5SCTuFMD1duen0/IZP6VDtO4815d8RtY1r4M6HaeJpPEN9r1ha3UFrq1ldpGqPFI+0y2+xFMLoxyAOCpANbnib4raR4b1iXSpdO8QX9woQ50vR554cMMghgpHHQjPFAHZbd3I57/mT/gfyNEYMisVG5R1I5Hb/ABH515N8VtSufFXwr/trRp9W8Oail1b/AGSa482ylgZ7mOItLDkZGDkKV5Az3rmY/iDL4o8Q+FdL8SWZ0zxtouuR22pWUcjCO5SSKUJNEo4eJ3VGGehXnrQB7/tPQg4BA/wqLcNx5z2B9/Svnrwe1vpXib4t6B/wit7rts2ohdluqSRxQPbKyxEySDChyWAXjjnmtn4L6prOnfAPwQ/h3QbXWL2S2IulnvVtAMSOrOx2vvclenvQB7V7Z56VDI23JPQHrXnFx4k+KQX5fCvhW3ycYn1maQD8Fh/lXO+HfHHxP8XXWs28Nl4P05tHv20+driS7lBYKr7lxjjDjHA4FKw9D2VpBUEpCgn8/wAa85jh+Kl3GN+ueELQ4+9Fp11If/HpR/KuR+IFz8SNB06zF54009LO91G20+eTS9JFvPFFPIqF0kZ2wQTj7uec5piO68V/EuLSdUOgaLZv4i8UsoP9m2z7EtlJ/wBZcS9IR7HBbtVbx1a32vW9lp+q+FLfxZotzasdTs43iJjuF27WiMxUkEmQA5DAAcjpWn4d8L6V4Jso7DR7X7Pb7meVtxaWdz1klk5LsTyc9zWpCu6TAZhQB5n4V8L+P/AvhXTI9Ou7S9W1MxPhzUZcuIWkJijS7H/LSNMKM/Jx1rqPC/xM0rxRqB0krPoviGEAzaFqaeVcrnoUH3Zl9GTPrXSXRMPHXPcnmua8e+DdL8Z+Fr231GzjuZ47eWS0mOVltpvL+Vo3UhkOcE4Iz3zQBV8UfEhbHVD4f8P2f/CReKcLvtY3AhsQwyJLqTlUHcLyzego17wRqWuL4a1hdRtbPxboqsYruK3ZrObeuJ4jGW3CN8LjHIIzXmfwfXxN8OfAOjXthZQeKvD1/bJqNxFaBYdUgeRQzsDgC5+Yng7W46sa9n0PxNp/iDQ11m1kMdlh/Na6ja3aLZ98SK/K7ehJ9KTGc54u8C+IfHXhm80rUdZ0+zmuzACtrbyPBF5colDhXcbnLInJGAM8E81pal4N1HVfGnh3xI+r29pcaTBNA8MNozJL52BJy0mVHyqR6U1fit4T8v8A5GKxwI3lP708xoMs4XbyoGCSOMHrUt38RvDlvpul339qJJa6pKIrCaOCZlncnCopCZy3UDoR0pgU/Dlnff8ACc69q3k6hbabfQRRyQ6oibhNG7D9zt58rYT15JPua7KNmbIzkqccHP61DgSMpQloxnJY0qq0bEKDj0qblE73DrKqHHNTfZwGBL5Pp2qqEZrpGOMYq3JL5fUVQCRsq3G0Dn2qz+NUBJ/pCN0zVnzNq+tAE4bFKz1VW4ZiBUu4DqcE0FlWZWa+jYcLjmrSMNuO+KqT3G1jx04oW5Ozd0JoFcbesrIwA5zSw4KZxVe5+6x3DP1qaw+a2X5gTjpmgkdJHuUgdKqTW6oBgnNWJ2KNgHrUTZ6tTuO4i7V5A5xihVC5xzQuWXOOtC5HXikUJsz0GahnG1gPxq0uFBOarXS7mBoAjEm4EmmFVPJHNO2cGq8zFTjHFAErBWBx1xVeOQwgq3fpimB23MAe1V3ZpmDL0XigC40uMClDHbg8+lQBJGOSKk2tQBXuIgWBHWnBtseT1AqTYx4OPaj7OSpBNA7lN7g96rf664BPNW2sVLcgn8aBbrG+4cYoKIbjKsMCm7jjNW5I1l9qgaFRxmgCMk460zc27rUpUbcUxUqwH/WmnrS+xoPSkB6owGemOOxqucbqnkU+tQsu1s96sxDb70N2prqc0jN8tIBu7LEU78ajWlXqakCdVxzU6sGAAPNVgTU8a4APepFckBO4c1YTp61Cq5qZPlXigRKvapY6jjqde1AEq/dpEjG7NItSKwj5IzQBKq1YRc9arxyd+gNSrIaBEwj4NRtCVO9eB3pyzblOKbgnqxx3oAlim3rx196sQx4+9yTUFuFWbb/DjNXFIHtU3AcqD0FKcdCmaTf704MPWi4yu9rlt6Ao314pYWkkyu5c564qZ2wtQ2o3bsr/ABHoaLiLaRyKBufgegqKZX5YO49Kl8zHFNZgysSegpANWPzI1JYkmmtZjeGO7AqeL/j3Ug5p6sG4zQBVmhXaCqnOcdahmj8uaLuAatyf1pkm1296AK+GkmIIwnXNSwg/MMcZ4zUgI9KXzAo6UAJ5Y29BmoZIyqkqAPWpJJdwyePSo9+5SfanYR5X4ym+x/GvwRea58uhSW1xZ6ZK3MUGpyfxOO7PEpRPRs4rsvDvjSy8RX+uWUaS2WpaPdm1vLS7CiQfLujl+X70ciEkH2pPF3hSy8ceHb7RNSVktrtQFmj4khlBykyH+EoQD74968WXX9X0yRfFtxGz+MvBe3TPFtnbrzqem5yl0q/xHH7xT2xIOhFUC1PoGVSzAgfd9ev41DtKzF93UelRWeoW+pWdtd2NxHd2lxGs0M0RBWSMjIYexBFWDMrKc4LD0pXQylfX1vp8U1zdzCK0t4zPO7HAWNQxJJPThc14l4m8Rat8Wvh94b8MzQxadf8Aji6knVY42Mlno8b+YLh1bJEvl+WARxmTAGRiup+Lyv4qutD8E2+6KLWZGudYueQsOmQENIm7oDK+xPpuqv8ACeP/AIS7V9b8fvFsttQH9maLDt2iPTYScMo/h81zuz/dC0wL8fwp1BlWOb4meNbhFGAFuoIDj6pEDV1vhubbwp4l0WDXtb1KXWLGW2E+uai1yInaORRtGBtBLZOOpwTXYJhudxY+uOtKynGc81NwPE/hV49sPC/gfRfDuv8AmaP4i0S0j06fSZoH+0TNGAAYVQYlVwAV25xVDT9NtPE/7Q2sz6lYalb219oNmgZJbqGKO6Rm3wvLERGXVT1zgHIr0vWvEmoW3xS8NaEk4XTL/Sr+d0wN3nxvBtO7GeFdunY10Qkki2AozMByRnGfyzVAeS/BTw5bRaP440LUdBvF0W68QXN5bW2tWMoiurSUqV/1oJPzLkgncRzXZ/8ACufCFnCRD4T0KEnH3dMhXgnB6Lx0zXTfOflKtj3zSMjSDhcH/aFA9DzTxl4J1SbxV4Z8Z+Go4JtZ0NJrSTTZpBbpe2co2vEr/dR1xuUthccVP4y8M6j8WfC99pOqWDeFrRlWWCQyRXNz9qRleKX5DtVUZcY6sDjjG4+heSUfp25xQYt3apuI8s8U+HfE3xI0Wx8O+JLHT9P037TDNql5ZXhn+2CJ1kCRRlAUDuoJ3n5QSM8V6CtxJDNMd7fvGBzuJPTpmrzWp7YFQyacWwc0XA5jxxolx4u8H3ulQ3MdjPdBU+1TxNJ5YzuyFUqScheaxvF3w5sPF+ueGdevEWHxBo9ylwl7ax4WQZzJCy5JKMc9SSvBru1tirFQcjvmla154I2980XA880nwJeaZ4y8Ua3HrEpm8QGN5ITZIVgkjTy45ASTkhODxyea0fAHgJfhroNpotnqFxqNpbPJLDJdxxh4t7ZK/Io43MxrtY7dfM4PaiSD5vXii4GRNulXOMYI4PJrz7wMps/iB8T7YAbP7Rs7oL/10so+fzU/lXqDW8YVvX/JrznQbc2/xq8cwqCUuNN0m6/SaPP/AI6PzFUTY6+Mbc4rz345KYvh3qF4w4truxuFY9tl3ET+ma9O+zkKSsbE4LHjsOtee+OPirY/DvxZomna/ZLb6PrXmRxaws5ZYZF2KUmjKDYmXX5txGamzKOylXzHcquMsePxqGOMrNycVmWevXreNNS0a4t7OKwt7GG7juFdi0qytIPmHQbfKbkcdKsTeLvD1r/rtf0qD/rpfRJ/NqoC1cQsfvde1Rx2vnKY8/f+U57ZJFYt18TvBlqxE3i7QUYcf8hGEk/+PVmzfHL4eWcgMvjTRcoclVuQ/THHAPvS1Azvgah/4VT4aGCjwQPA2Bz+7kdMHP8Aun8qp/HyR7b4aRlgw05NWsP7R2rj/Q/PHm7tv8OQpI64yTxXNfCv41+BtH8N3Onz67H5sOrag0CRW0su6J7iR4yCiHqrggGuvuPjd4N1SGS3K6pqcE6lJIo9Bu5llDcEHKYAI5oWgzo/E2maZqumkXojWXypbexlYgFTLC6bEIOCGVyf17V4Tb3evzfAr4a6rdXOnjTbHUNJmRLaGVbhVScQ8uXK+ueB0Neu+A/D3hS+01r7SNH1C1t/ntUh1T7XE0KlRkRRTNujUgkBk2jqK3Y/h/4Wg0NdFHh/TG0hJWmTTXhLwCTH3grMQv4dDzimBQvvE19pvxG0nRblNNFlqMM5t0aU/aQ8aht7BsKyMWZNq/N8ua7CFSV5yxPOScn8+9YV54bS/wBY0yee9B03TZ0u7XT4bZY/LlVGTeJMZIwx+TAPSt5pkjYAn5valYdyRY23ZI6UkkbHkfrTTcKemTR9oViF5GaYxnlvIwxjirEdsSvzPj8KI8KDUqsD1Ip2AjWyJP3zj1ApRaCM5LFvTNSNP5YwDUfnnb6ikO5BJE0kx4+XrQbXzFAZcVYSRSAaa7KuSDQIj+xRqpwm78arSW7RsWTj2qy9wCBg4xTPM3fSgCgjOZBvBB9xVv5W7VFcY84HtVXznWY4OVp2KsaEajacHimSKKg+19ABTDctk8UWGTMOKiLDPzChZi3Xio5m+aiwDj146VBcR+YowMc807fSNIfSkBWaFvNLBsDGOlMEYX92OvWpZpCvNVGkYS7884xQBdX7ozSNVdXYqOe1PVjnBp2AcZBxxSM+c4qORuTSOpKgqcUgFZqrySdeadz3GajkXcTgY4oHcTd6nIqN5Bu600o22mNCwwQDTsUOaYc98VH59DxPtyOPWolhkbmqAsKd1SjhahtwV+9UzGkB6m3aoG+9UzNxUTnIqzEY7c1Gx60ueaa1IBcChVG41Ez7R1pUkz3qQLS8VPH2qrG+7inrJhsUrEltW61Ihqj5xLHHGKmjkOKQF5JB6VOkgOARVBZHIGOKsRgkDnmgC1u9KXziVIqBVPrUsa8880ASLIVVc1O1wCuBwah2+1SpGrYOOlTcCW2jKxkk9TnFSr1NIlP27eaoBEUibrjipmJbABqBSWm+UH644qVY5M/dqAJ9xVKdbsW4qNFkwc9KnhjOODg0CJHA7jNNVlXgDGaJMqp9aIV+XLdaAFdsECk3ja2R14qTyVdsk9qVYVbjbmgCGGUKgTPHSrEajcWX/wCtVaa2bf8AKufrxR5zQ4Rht559KALMi8VXa1dmDg8VP5gPGRjpUq8A0AQLCWG48e1N27jg1PI2V4qDd81ACNHkYpmzbwBxVhuQKi3GncCN4hivMfih4dvtH1Kz8eaDaSX2qaZGbbUtPhXMmo6c5G+MDoXjJDp34Yd69R/nSMo+X5cMucev5/0qhLQ8ftPjJ4R0+3trPStH1420KiOK2sfDV2EVccAAxjGOnWrP/C4vOm/0XwB45vCVz/yBfL/WRxXpk3mM3Ltke4H8hUaou4sep6nJqRp3PHfF2t+LviTosvhvS/BuueGIdSK293rGrNbottbE4lIRZGYtsyAAOre1ep6Tpdro+l21jZwrDZ2sSxQwx9I41AVVHqcAVZdY43wOAeuc807zFjUgdBVALsGTxz3xTXVSOmaZ9oHpSTSu0T+Xs37eGkBIB7ZAK5FQBwni/TLyb4qfDu/t7eSS1t11KG7mjQlYkeBCpcjhQWQAZ6niu12jj8q8q8DfGmTWvGeseDfEdtb6P4htbyaGwuYVf7JqKRkBmi3MT5id489PasPxL8Q/Ful/D3QtefXbW3km8QjR9QkXTkES25uXhZ1DM2GXZuz7kdqoD3B1+bHekZl6V5HqXxBuLz43+EtA0vxZDeaPqFneTXljYi1m2S26Bl+YKWRWDcgEZOdpA4r0iDWLS8uJbeG9tbm4tzi5hhmV3gzwA4H3fxApk2NDcD0FI2FU8c02H7x9aZMTuODSsUUb26lWZEEbeX1De9TrLIy/MmDSdeH7cio2dix5osAyWSXnaBULSXHBUxoe+4VOrZXrk5qKXPz1IDP9K3HMse09flpjRTbgRcHbj0qZgGbHIyK5TVPGkNrrN5o2n6bqGv6nYxq93Dp0cZFsrjcgdpGUFyOQincewoAqfETxld+Hrey0bRtt/wCKtZLQadasMJGOslzL3EcY5P8AeICjmvHvCHw2sfFPjW5k03WNaaw023ez1XxHa6lLBLq2oGUu20oQAkbtJuIOPn2jla9Yu00z4qeF7jUvDl+NO1K7tzpr6wtqPtlrEsh863Ksco+Sw55U+oxW5ofhuz8M6Ra6Rpdt9lsLOMRRRg5OMdWY8seOSeTVAcUfgT4bmV/PvPEt0c523PiG6kB4BGfn9fzpvj7RdMuvEHhHTNQspNQ0q6W9sruIxSzJ5MkSj94QDgFkABJzk7q9GVX3EnNRsr/Jx909xzU6gePfD/4e6v4R8XaxpGsk674Y/sqK00y8uo95aESyH7PMMkEqJGTccblII6V19v8ADHwPbkeX4N0JCOm7Toifxytdi0WI9u3IznrVdoH3ZAwKdxmHH4P8O2rHyvDejxAdDHp0Kn+VWl0+zhQGGztogGAGyFFwPwWtGSA1C9u2wgeoNGoHB/DHOn6z4705BzH4llkG3B4mhikHJ9C5OK9BknlVQVlbB5GCR/I1ynhvwleab4u8YahKY20/Vbm2uoBG2WwsCRyE+mCldY0b3BwAWI4JApgQGRpFzI2R6dfxNVpGKydQVzgY6Vb8jcpAPYnPsOpqNo4YbXzXkVYeWMzOAnBwTnp1pgMjlK7h6nvRHzMrH7o70trc2l8zi3ure58sZfyZVcqPU4PFXPs6bcYPJoHYrLnfweKU8zJg9Cas+WsZwOlLsHZRQMZGhDg5PvmnyuVccHFPVemacy7j7U7gQ5YtyMihidpAGKseUKayheKQEKZ2jinYO3kZp69ace1AFNo92cDFJGSrY61ayFzxmqN1cgYZG74IFAD5Lfe1QtAEYgUGZ5G4btUEsjQtlmzTuO5KYWJ46Ux029+aiWd5txzgg8UeYZCA5H4UyiTy++aXyw3HWmbc/wARxUPzLKSjce9AE4jAPWhlHSohdBvlI+b1pVmCgk81ICSKv8VV5YlZgQOKZdXRdSRxioYS0yfM2OadgLyxrjpRsXcOKgUSK2Vc4x3FJ9oIB3JyKYEsqLu6VGwA74qA3G6RWUcd8mo5pGZm7c1IFkstIzD1/Ss1rzybkL1Drj6VIsjt1PPegC00YbB65prLjiqzTMuMHPaoGlkZzkt1qh3LjMu0jvVdptrYA4qFmdc5OPrSZOe+aV2UW1daGB54quqtkE8A1ZZivB6jimB6fJ92qzSFFPerL88VUkjPODWj0MSIzbunFLu+WlWP1pGAXqRiouBG39KRWIYAU/cq+9G4Kd2KQE0RIapvLZn49KqrcbW6cVJ9qIYkcilcksRx7eD1qxDA27J6Y6VQW8ZsHHSrVveGTg/KaQF1YR71ZjjC9DWatwUZgz9/SrluxZcswwaALq7cZNCyJ5mOM1TLFd4ByM1NNhVUrw1AF4kKRkUC4B4Ud6q28xZiHohOyUnqM1AjSVhwMgMaeqFn5PFVBIZZo8AfKauZI+tO4y0qoOlPQ/NVMElfSlhdlY5OaLE2LxAPelVtvSoRnjB5NOUHjI70hk/DEZp3yr2zUJY5OKkHzADoaAFV+akVtpqLy9rDvUqoxyQpI+lAxzZZhVHVI3ZV4J5AwvWtKFCSMjipJ4U25DjPpQBjyKxhIGQQRjNXAx8sZ9KdsH8QobDDA4xQIrSOzdD+FMDHI4qdYTk5FK0YUZoAhZ29aZ83rUrLR5dAEKqWbOTmpT+dSKFXn2qNiGHFUBXmXLenFQbTVmTOajZgozimJaFK4+8o75phVyxA6ZqSZgzgg557VONoXNAys0ZWPGMmo1zjqqt24J6dasM1QzTiPBJ/IVAHjcvw3g+Ien+L9Kv7TUtFnTXZtT0jV2t2hlt3KR7JomIGcsrgjptA9a57Xvhz4y1H4GWPh3UNJj1nxNHrpvZzDJCkDol88xky7jAdSdqjnDAGvoD7Srpv3bh2qFrmPk5wfQ07geaeJ/Bur3XxI8A+JdG8P21tZ6Kt299H58Nu4SaPy9ihCQWT73BIxwKz/Blx4Kuvi1ep4cnsoLzTbOXSjbafEc3Tl1mlklIX7qsu0M5yzNIc8ivWluN21lDcnarZ7+mKc0wiXAAVdpwFyO/tg1QEccIRyQxK9jStGDzTpXLfMDkfzpgY7SaAGtCnHWmGFVYkCpAybeajaQY6/SgBgiQdsGmLGu7gZPvQ04Bw3FRtIFYnNKwCyL8wIPOR2ryL4fzDwj8S/iRpGtTR2l5qOpLrVjJPKI1urR4tp2OxxmMrtYfw57Zr1g3ICk1Q1Sy0/WreOPU9OtNRgQ7lW7gSRR36MDzn0FSB518FLOT+0fiHrERB0fVvEU13p0gXasyCJUkkVeyM4OMcEfN3r05ox0FV2aLEagLFtXYNqqAo64ULwKnMu9S2MZ5xTuA1lK9MGmNjuKiaY7iAabJKcc0WEtRG+8e4zTGqGaYryKj85mXdmnconJEYJIqhq2ox6Xpd7fPHvS0t5bkovVljUyYx6/Lj6GpfO8zrUMwSSNo2QSoysrRno/sfYjI/Ki4Hlng3Q9Q+JHw7sddvfEGqWevavALxLiG+dLe1L5ZI1hU+WY1X5TkbmyxzyKZ4Fs0+LknirUdflupJotcudJs447mSIWEUQVQYwrDa7Fi5JBzkZ61f8N+A/EPgnTzoOj67Zf8ACOxyMLSS5s3N5ZQk7tibWCPtLHBcZ/KtG38A3Wi6tqd94Z1j+x11QrJeWt7a/bUMyqE8+Ml1xIygZzlSckjPFF0B5ponjvV/Gr+APD3iG4F1bT65qWmarIwKrqDWQPlK+CeGIBZcDJXjg11OpWdv4Y+Kvh/RNPtbeDQvFOnXsV/pgT/RxLCgZJxGDheGIbHUBe9dG3wp0Y+F7TQ/9K22lwLyLUElH2yO63bzcK543licjAUg7at6b4PNprTazdard6prSwtbwXkkaRC2jJB/cxou1WyFYswJO1fei6A8I+DUkV14g+F9umlp4fuNPsrsDUPk3a0V3RtACowSpG5lkO84JFfUcdxuwAwPowzg+/Nef2Pwf8PWfhlNAb7dPZxXn2+3kmuB59rMXLs0UqBSvOTjvuxXbW9uY4UQySOUUL5kzlnbjqzHqT696Y7l4Sjdg0NMA2M4quOxPTpmnSReYwOcUBcm+0Y4xR9qZWA2jH1pqRFz0yRxSNGd3Q0DJmuCMY/SmvMzDOKVbdmAwpP4VILGbbu8ttv+6aAIBKcA96BIWbINJMqQkeY8ceeRvYCs6417R7PLTaxYQAdfMvI1/maANdyHhJJAwD0rIVNyccnNZtz8TPBtiCZvF2iRDuDqUf8A8VWTJ8a/h7DMR/wmGkSE9objzT/46DTsB1AVkaiSJpmBc8dsVyEvxy8DpIPJ1mS74/5dbC5l/wDQYzUS/Grw7MxFrY+Ir9j08jQbo/8AoSCiwHaeT1CfjTZI9qjArkl+KazMPI8GeMrk9gNG2f8Aobjilk+IetTN+4+G3iR/aZrS3/nKcflTHc6uNNwOWwaesPB44rjj4z8ZSLiH4bTIc/8AL3rtsv8ALd/KkbXfiRN/q/BmhWobn/SddZsfXZFQUdd5Shzmo5I/7v61yn2r4nyfdsfB1mPU3V3MR/44tRtZ/EyfIfXvCtl3xFpk8pH/AH1KKVgOo+znq1L5YRgBxXJHwz8QJv8AW+PdOgB/59fD6D9Xkamx+CfFckrNP8StUzjGLbTLSIfh8pqgO3VRjAIJpj27OWG05x6VxX/Ct7+bIuvH3iu4XvsuoYT/AOOxDH50snwj02THn+I/F1y2P+W2vygH8FC/zoA6pbCRmBCtt69KS4t0jYmVlj4z87Yrj5Pgr4Sb/j4t9Qvs9ftWr3Umfr+8qMfBPwDErN/wjNm3TmZpJcn/AIG5qbAb9xfaTasWn1SxhI4/fXca4/M1lzeP/CNjxc+KtEgP+1qETfpup0Xwx8G2uDB4S0RT3b7DG38xVuz8MaLYyFYdE02H02Wca4+mFosBhTfGDwDHkHxZpchXtDIZCT9FBqs3xk8GSY8m+uro+lppdzKf/HYzXdeXHD8iRxoq9NiLgVItzIuPnb69P5GmBwq/FTSm/wCPXRfE15u6GHQrhfpyyrTk+Il1cHNt4G8V3GRn95aRRf8AoyUV2s0jMSWYn1yRzVaS42sAvA/GmUcnD4y8QXEypF8PtUiU/KWvL+0i+XPUje3T0FdeeWzjHtxx+VRGTd1JNSr7dKBnp7MPWo2PFOdQFJFVfmb6Vb1MQkfDY7VBM276UTKd3WmCFpHA7DmswGwuFZgTk5qOS4O7/ZDYqf7Od7HB5pVt9wwQMZzQAkkgeMbetIjMqlSCSamSAbqlWHkVJI2FW8scVMsIDdcEnpU8cPyirMcQLZwOKAGRw5Jz1NWoISqgelOUBiMLU6KKAF8nHNL5BOD79KnC/KKerLQAyOE88VLHb04PU0fPNKwghtwjZqalXtTgu3k0WGPjj3LzSeTjoM1JGwanO23pTELDGTyRzU+0VDGxPOeKczVAEi49M09VqCN+vNSLIaAJlXmp1bapHQGqokIXIpFkZ8Z4GaBlmSbyyAKimkPFJcxllVgelRecEkXd0oESBmKkkZx2qN5DtBAxT7ifrsAGRVdEfaCeaAF+0SKBuxiohIZN7s2B0UU+S3MkiHcFUZOCai2McrwF60AMWZ7nAJwV4OO9K7vDJGOSDSR2+GLA+5xUvkmRs54FACrNt4PSkluFTGCCKkXDLtGG9xVSS2LFh78VQDLi6296qy3G9cEke3enOkjMP3efenRwHksBSuBCId20klRj8adhg2EbI96ndcNg9cVHHG6sDnj0xRcCKbzUA+UHn1qvLIJHCkc4NaLQvMxARmPXAFVJLV43JdGRf7zDAosBk2SqkE6hW4c5Y+uasW8KsuW5OO9QzXmnaesiXWp2UAYlj51xEn8zWHffEbwVpKkXXjHQbUdCJNSgz+W6nYDQtN9prEyBi8e0ShT2O48VoSAuwwcjFcG3xw+GdnkjxvpErHqYJmmb6YVTUf8Aw0P4AGDBq15fFun2HSLuT9REaNRXPQo2+XafTNNjfKnNefP8ctGmLmx8OeMtQO0YNv4enXd9CyrTR8Wr6Xiz+Gnji4Y95rKGAfm8v86Yzv8AcW3dwKhkjb5cdM1w3/Cw/GU6/wCjfCbViv8AevtWs4Tn6b2pj+LPiZNgwfDrS7Qtxm88RI35iOE4oA7maMujDvmopUZRhSC3SuIk1L4tSLgaV4LsOest/d3H6Ki/pTGs/i1esM614O089zBp11OPyeUUAdv5EjDDDBoaF2UDjjqK4CXwv8S5pCZfiNptrzgraeG4xn8XkapR8O/GMxHn/FTWlX0s9Ms4f/ZTSsgO1a03Nx19u1SxQMqkEFsccCvPJPhRfTSOLz4keNLsE8hbyCH/ANAiH86JPgdo85/0nxF4vvD6S+IJwD+CFaLIDupLSTzT8jLkZ5FQStDb/wCumii9fMkC/wA64ST9n3wU4P2nT77UTnObzVruUn65k/rTIfgR8Pkco3g7THAOf3yvL+Hzs1O8RLQ6bUPFHh/T1LXOvaVb4/566hEv82rEm+KvgW2z53jLQoz3X+0Y2/QNVmD4T+CtNIe08HaDbn1XTov/AImtCPwvo9pteDR9Ngbp+6solP6IKVhnKy/HX4dRblHi/T52Bxi3Mkv6KpqBvjl4Kk4t7++vT6WukXUn/tKvQo7eGL/VxRxY6FVxTZLiT/now+hx/WpA89b4x6RIwNtoPi299DD4enC/mwApJPincyc2nw+8Y3P+9ZRQD/x6QV37uWXLZ/xqHzOwGPwNVoBwS+O/E9wTJB8L9ef0+2X9nDj/AMfaj/hLfHlw5EPw8toPT7br8IH/AI6jfyr0FWXaQ39aryMvOBxSGcIupfEuRsxeG/C1pnr5mszSEf8AfEIqVZfihMzrv8GWO7oSl5OR/wCPLmuz3FGXYOtOdmGDxmmBxsmkfE6dV/4qzw3anv8AZtElcf8Aj81IPCXjyZsTfEhYP+vXQLdf/Q3auz88/SpF+7uzzTA4xPh34jmY/avidr8mev2a1tIP5RGgfCmeX/j58feM5h/2E0i/9AjFdpHuK5JxThlu9BRw0vwb0h/+PjXfFl76+f4guMH/AL5K0z/hR/gwxnzrLUbpzyftGs3kmT75krvGB6U3aaAOIt/gb8P/AC1EnhOymKnO64Ly5+u9zmrkPwl8DWMwEPhDQk44C2MbD9RXVLnnA4HWmNlZEYjgk0AZ1r4V8P2ZAg0DSYQOB5djEMfpWnFDaW+RDaW0A9Y4UTH5LSmA1Ktt5kZBHbtTuBW+2NGx2SNjP94/0p0N09ySWZmAP97P8xUaWcgZhtOAcDIqxbxCFcYxzzRcBfMYN1JH1xSNKWz1/OnNGXZscDNM8kq2O1FwGP8A6xT2pZn9OlO8vb7ioZKZZC0gUHms7VtUOl6bd3XkzXSwRmYwwkbsAZP3mH5VoSRhiPWmyW1u0Li4KpAUZJpWOAqngk+wBNAHlmk/tE6DqtroF7Pp+q6XpOuXLWllqVyIynnA42NsdmXJ6bgBXp20q5UjBBwRXxT4KtdStfC+h6oEuPE3hvwr4glluvDsKgSxqzFo7qPYocjLk8sRnPYnH2dpmpW2rWMN3ZyiW2nUOjPGyEgjI4YAg+x5HeqFcmlJGMc01FZmyelWGjH0pNtK4xJoxs4qi0JYcnjPSr7dKY23v1pAVWj29BkGoGhO8sKv7QV4qPaFznigCiyvShXEeD1zVvaPTNRFgzEdKV2BG0WVHc1A1vnnvVv8aiklXdjvVFEC2/OenrTgNuRinPIF5phfv260xnpUj4JQdeuKZGvFSSKN27HzetRecF6CmYiyKvToaiHy0PNyOKjaYbulQBKzVF521sYqKSY+YcVE7s2AOtArmhGwxT0kG4c1SXdt6805N26pEaqSe9TRSAZycVnx7uOamDHHrTsBpwyDPUVN5g9KoWuWGTwO2at+3ekBL5m/gEinqxXA5NQJGQ3Jx9aspCzNhcn6UCHxttPr9atRlmYHOBUcdrK3IjdvcKafs+zgmVlhA5JlbaP1oGWlb06U9i23rWDeeNvDekgi+8TaNaD/AKbajCn82rn7346/Dm1YiXxxoZZTgrDdLMc/9swaAO+j3bhzU5zivMV/aG8BycWepX2qn00/SLqfP0/dc1bh+N1ldr/xL/BvjfUT2aLw/JEp98yMo/QfSgT0PRYwVjPPPpTUYniuAX4peI7hR9k+FXiqUMeGupbS1H1IaQn9Ke3i74kXBxa/DWztz/f1DxHCuPwjQ1AHfr1/GpcHHoK89F58XLz7mkeC9OXv9o1C7uCP++UXP4VMum/FW5Yb/EfhHTR/056RcTkf9/JRmgDv0B20+NfzzXBL4L8fXWftPxN+zA8ldP8AD9tHn6Fi5/Ont8M9UnhAvPiT4ulkHe2kt7YH/viPigD0Mws0Z2oW78CoFtXOCydsjivPj8H9PuB/pviTxdqBzndPrkq/nsC1JH8B/A29pbrSp9Qd+T9t1O6myT1OGlIpXA7a4u7Szy1xe21uo6madEA/M1z+ofErwbpblbrxdoNuw5KvqMJP5bqrW/wX8AWcYMPg7RlZeQz2wkb82B/Wtuz8E+HLPbJa+HtJtjj70VjECPbIUfzpgcvJ8dvh0uQvjLTLhlOMWjvOc/RFNQf8L08HyZ+yXGrakR/DY6LeSE/+OYr0CNYoMeTHHCAMBY1C4/AU9rqXAUyuw9ySKAPOh8ZLS44s/Bvje+54MehvGPzkYf0pD8TPEF0Sbb4XeKJBnAa7mtLb8cGU8fhXoLMS3zEj+VIwPtj8aAPPv+Ez+IFwpW3+Gkduf72oeIYFB/74VqgbVvivcFVj8MeEbFe5udZnmx/3xCtejHnioJmwcD0qgPOmtfivdqA2p+CdMGekdld3LfgWYChvDfxJuFxJ8QNNsjnn7D4cRuPrJMR+ld3khce9MeQ7iBzRcDhJPAPi66X9/wDFTXAp6raaXZWxP0Ox8VBN8IJp0X7X8QvHN36hNVSEf+Q4lxXosfC880sihk44pWA8yb4F+Hrj/j81TxVqPr9s8RXZz+UgH5VF/wAM9/Dvnz/Df2z0+2X1zPn675DzXpRXaoOc1XkUnOKLgcRZ/A/4eWGBB4G0ADrueyVz9Pm61tWfw/8ACmmtusvC2h2h/vQ6dChH4gCtoZx0pV+Y0XAhW3trNR5NtDFjp5USr/KnteyeXjzZMdgGxj8qSZPSoWhb8KWogWZmB3MWJPOf8aRm2547+ppmxl/OnNETzmqGMaQlTwcfWmpIW4xUnkkr1pixGNjzxTAhkYtIVwOmai8xjhTxn0qzJBuO4HBxiovsoVsluaAKkx8tWXqc0NK0a5Jqy9uJG3dBQ1rGRzSsBT84NzULf6zI6H3q99nVeAOKY0KrxipAYnMOT1xVUp82avEBcAConj25xQBQnjcsCDxnpSuvyHuanem7flNUBW8n92Pm5xVcwuc5HA6Zq2vXB4ok6UWApMucA9aRoSGzmpCu6TIpze1MZBJEwGRVZo23Yq+fmwB0pjKN2MVAEPlbQBR5IapG55HSmqRxz3rSwCfZ0wacIwoApW4bmkbse1IByrniniMZ61CrfNUu6gdxWTPPpTdvtSqxYHAz9KTa390/lQMNoAz+lV5mCshJ4zVhg8SeYy7U/vMMD86x9T1uwt+Z9Ss4ADk+ZcouPzNAG/Hh+2amSPbyBXJXPxM8H6exFz4t0OL/AGW1GEn8t1UpPjn8PYVYHxjpDuP4YpDLn2G0Hn6U7AdxIuSexqhex7SHVvunkVxbfHjwXN/qb69vGHRbTSbmT+UdVLr40abcKVstA8V3zsR/qdBnUY9i4FFgPQRcqyqRxQ0gbODXnv8Awse8l/49fh34wuPQyWsEGffLSimHxt4vkU/ZvhxqcZH/AD/araxj9HaiwHfTXAjBPWqTM8gMm7AHauJXxH8RLoDy/A+jwsejXWvA4+oSM0+S5+KNwo26d4Ps+cHzLu6nP5BFpjudit0G4YfQipklz6egBGf16fhXAy6H8S7rl9d8K2Yz0h02ebH/AH3IKF8N+PRJiTx5Zwbh832TQYxj6bpGoKO+T5GLRHyzjAKjbj2PI/TpSMrbmPzFs5xnIOe+e5rhU8A+JZ8m4+JeubSf+Xa0tYf/AGkcUh+F9xM2Lnxz4uuh/wBf6Rf+gRincVjumjkbpGxA43YpvlSL95Md8niuCk+DOhTZ+03/AIivJO8lxrt1z7YWQfypkfwN8EcedojXR6/6Vezz5+u+Q0DO1utStLNcz3tvAP8AppOq/wAzWNefEDwrpuTc+J9FgboQ99ECPr81UIfg54Dt5AY/B2jB+uHtVb+YrTt/BfhvT8C28O6Pbj/pnYRD8uKAMS4+NfgG3OD4x0qRs42wz+ac+mFBqpJ8b/BjEiHUrm7bP/LrpdxL/wCgxmu3js7a1/1VtDEq8DZEFx/SpjcTEYaQsPSkBwa/FzS7gg2uieKr0EcNBoE4U/iwWmN8Sr2Ritt4D8Wy+hltobfP/fcv867ssWz8zBfTjr+FV9m8ksc/nTA4z/hNPFUi5h+G+oKx/ivNUtIx/wCOlzUf9vfEC44i8H6PZns15rjOP/IcVdv+Z+ppGouUcMH+JFw2DD4RsP8AaEt3P/Ra3vDsHiCBbhvEF7pl47MphGm28kSgAYIbe7Z5rXK+1I3ai4z0m4b5SBxjrVXBJI6mpb7zltpmt41lnCN5cTvtV228bm6gfSvPmj+KV0oeS68H6Gp6lYri9dfpuKj9aoxO6YH0pnlMzcKT+FcN/wAIR41vVY3vxMuItx5j0vR7e29+GJc/nzULfCGK6TZqXjDxhqiHrG2sNAh/4DEgqBXO+lt3j+aT90nXc7BRj8axdR8YeHdHB+3+IdJtB38++iB/LdXLL8B/AaMGuNDbUW6l9S1C5uDgdThnIra0/wCFXgjR33WPhHRIGH8Qso2b8yppXQinP8cfh3YlUk8Y6XK3IKWsnnNx7RgmqsPx48J3Wf7Pj13V2HQadoVzIT9G2L+prubGztLHC2tpa2q448mFF/LC8VoLcyNlTKxA/h3HH9KQHAr8XL26UDT/AId+Nbs9VaWyjtgfxeQfrU8Pjzx9df8AHt8LbiA/89NS122i/RS9dzHMy55YfjU7TMyg57U7gcQmrfFu+/1Ph7wjpQ9bzVLic49xHGOfpUkelfFu64bxN4Q0kH/n20ie5P5yOM/jXeWbGRCT1FTBjSA4OPwD4/ux/pvxYntsnJXS/D9rD+RYtx9al/4U/qF0w/tH4m+NL8ekV7Daj6fuohj6ZrvQxwKmXO0c4oA4H/hQPhe6Ob++8Tat6/bvEV0w/IMKnt/2ePhrGwMnhGzvWBz5l9NPcMf++3Irv4+V4p/41NxHO6b8JvAul4Nn4L0C3IP3l06Et+oNdLY6Pp2mkfYtOs7XHH7m2jTH5KKF3L0NTxscii4y+txIoAMr4/3j/Khph3J/xqszUseXouJ6lpZOnP8AOhpDu6UwAjinrGzUgJFkO2pI+aRYulSCPbzQA5vlXNRs9Sbd2D2p7xIy5AwaBlBhI0jKDwQKsopVQDyaaFUTAE4bFWFUeuaVgGsD26d6crYTAqUbevUU1VUseQPamBBtCnOO1RMpGCvr3q2VBYimtt6UAQlecmmsjdqn+XApv44oEV5I2xz+lReXu4qxIx/CmdOadwK0lvnocVF9nC1bZ/ao9u7NICELQy5XBpWOCQOKazYGTVARtFxUbIuDxUpeonYc8jNFgGBV29KjZR24pzNtHPFN5bkDP0qQGsnFNZaf5cjfwNj6GoJm8nJlKxL6u2P507ANZPmoZayr7xZoem5N5rul2mP+e9/FH/NqwL34zeAtOyLrxtoERz0XUY5D+QaqA7FlOOvFMIJ6c153L+0R8N0JWPxXb3ZHayt55jn/AICh/Sq//C/vC0yhrS18R6kO32Pw9dPn8SlAHpVRyda86PxsMy4s/h/43vSemdHEI/8AIjiom+KPie5XFp8J/EDMen268tLcfq7YoA9HBPQcmg8jPevOf+Eu+JN2o8n4a2Nsv96+8RR5X2xGh/ShtS+LVwuItF8G2Qb/AJ6X9xOR7YEa/wA6APQi+VNQyP0rgGsvi1cff1zwfYqR0j026nZfpulAqD/hEPiTcR/v/iTZ2rE4K2PhyEfq7tSsB6ESc9KSQnZxzXnUnwx8VXGBc/FXxCy9xaWlnbfkViNRn4OeecX/AI68b3vsdZMQP/ftFxT5QPQzE7rnYxP0qF8xrlwIwOpkOBXn/wDwoXwvIzfbZ9f1LPa8126f+Timx/s+/D2Jct4XguM9ftlxNNn3+ZzTsB1t54m0ewz9q1nTbbHXzbyNP5msS9+K3g2xDef4w0OJQcHdqURP5Bqgt/gz4A0/cIPBOgqRgA/Ykb/0IVr2vg3QLHi20DSrbHA8uxiH/stIZy03x4+HsJI/4S7Trj2t90x/8dU1A3x78Gtj7PeapfH+EWej3cmf/HMV38dvFasBDBFFjgeVGq1MskisTub1HOP5GgR5z/wurTpmBs/DPjC+ZhkGHQZEB/F8U9vifq8ke61+HPi1v+u8Vvb5/OXNehPjqeee4zVeVsk4OR6c0DOA/wCE88a3Cl7f4Z3S543Xmt2sZHvhS5pi678SpuYfCGhWoPe81tnP/jkVd+qjGOeaPK96dwOCab4qXGP3HguxA7+bdzH+S03+y/ifdDL+KPDVmM5xbaLJIR+Lyc/Wu8ZaFpAcMfCXjy6wZ/iOIB3FnocC/luLUh+HevzsPtPxM8SSg8kW8Frbj8NsRrvKeq0AcIfhOJ8C68aeM7pe4OsGMf8AjiLTW+Cfhmb/AI+7jxBqGeovNeu3z+Aau+/iqCQktwcUFHCr8CfAO4BvDMdyc/euLieX890hz+VaC/BfwPZWreT4Q0dGHO5rRHJ59xXXW7bGyeatyYlhb0xQBlab4N8O2cata+H9HiOBzDYxKR+SitRYIYfljtoY1UYGyNQRS2a4t8fhUjLVAVbqaVIWKyMucDOcH9DVSN3WUBnLA9zzV+WPeu09M5qs8IQlqAHkbictgdutJNGqrnJbihWDLwetVNQvYrKPdPLDAg6l5AP50rgVFYLMee+P5/4H8qtBtzYAyetYNtrml6hq0dpDqVnJcvykKXCFyCcE7c54z+tcjoXiTxJ8QfD9/ruhanZaXbNLPDp1jLZ+ejiN2QSSsXByzA424xkZzTA9KyTjGeTgVWkYCYZPX/DP8q8kj+IN7Z+IPGGjeIPFkOlXdvHB9g8wW8JUTQeYR935yrZGazdA+IGreJvDPwus5dSujN4lMz3uoRbEmxEjO6xkAKmXBHAzgcGgs9z3YdlPG0biPSn7XGW2N0yePX/9deLeO/GmrfCbUr60tbq41GxutDu9R0/7dI08lndW+NwDt8zxlWDYbkFeM5rf0XwPZz+GdH1S1kuX16OOHUBqDXDyyXU2wMVly21w/wAwwcbc57UxXPRGkXzBG0iCZuRFuG8j1x16VV1TWNO0OFJtSv7XT4nbYj3UyxKxxnALEZOK8b8MaNaeKfgb/wAJA23/AIStrGbUm1oAC8S9jZ3DGTrgFSm08bc5FS/D3xDd+KfiRZahq6L58/hSzu7KOQAgMWYzugIC5ywB44A7UwuevWeqWmqWvn2NzFd2+W/e27iRMr1AxnJ9hXPN8TvDf9h3+srqTtp1gzR3U0NrKfJZfvKVCHpnn0ql4i1RPh3p97No+hre28bvf6jDHcLGtupQMzLGVOWbAfb8oJGc5NcBb6bq2tXPxd0iwvbS00+e4luJYruzaWXbc2yucMJBt4xjg85o0Gez6fqMGqWMF1bbxBMiugZCp2kZU4IBHHrU4+bqc15Vo3xCvNP8E/D26RY4dJubS3GoanJbSXENucIOSrDZkkjcQRXqvtjaw6jOcfjUgLtFRmM84OKf1+opM0rgR7cdaYakJ3EjpTGplEZ+tBxjpmkams23pQM9HmkKjNcz4r8ZaT4Otba61e5ktoriZbVTDbPMzMx+VdqAnJPT1rpJPmXBryz9oC3uv+ES0M2jKtwniHTvLEpJTcZgASO/UcVZiWdT+N3hux0WLVIHu9WtZbO4vgbOAj5LdgsiOZGBV/m6dcCu0jvBdWEF0gIjniSZDIedrAHn86+RF1K6tPBtxpHnSxeRpfia21KOOZjbXM6FZGkCkbSCXyFIyoGMnFXHjbxPq3in+0vFUOiz2un/AGBI5PMa4ktJNOTAwpA8pXBdicgc/wB4UrIk9/8AGHjq90e+totKg02/tm068vHuJbtSyyQplFEYfLKSDkgdqb8NPiRbeOvDPh6eea3h13UtMTUJLCEN+6QtgsD2XORz6V87aBeSR6p4GXVLKzsL61tvEVnObHb5MzLFtMsZU4O5gSMcZ3Y6V1v7J+r63pLW2h63aXU9tqWlW89je/Y3xbeVvV7V2x8h+8wz1LE9GWhpCPpRdzYbJOecnrUscb7u9OX5uT1qzEwUAnmsxixQs2KsC1duMjFELAnOcVZT1oAWzgK8Zqz5XJ702Jgc4NTJTsIckOcDFSrFjrzTVkAOMjNPWQetIZPEtPKjI4qBJODjmhZtxqALi444qXaG6cVS84xsM/hVpJhxkUASbflANSxja1QNvfARGbPcDNDq8KZlxEo6tIdo/WgC9uGM003KL1OAKw77xTo2mpi61rS7bjJ869jT+bVzeqfGDwLpttJ53jLw+hxyqahGzdf9liaBHoyzblGDn8af5+OSOB1ryq0/aG+HcMmIvE0d4W5/0O1uJ+fTKoc1PN8dvD14rGw03xVqY6f6H4fuWVj9WVR+tAHprXSKoO0nvU8chkjDYIDDIryb/hbF5cW6x2nw68aTDsZrGG2H5vKOPrWjb+PPGM1ugtPhjqCg9WvdYs4QPqAXNAz0FmYTgADH61KrfKW/hz1rziXxB8TbidBbeD/D1kmSN19rbScfSOKrsVv8UrkLmTwXp5P8Sx3dyVHtkoKAO8SRsdOO1AOJPm4NcHc+HfiPckBvHWl2oz832LQVJ/8AIkjU8eAPE8ygXXxN1o5HSzsLOD9fLOPzoA73aSxwM8Uhgk2kiNj64U1wD/CV7kf6Z458Z3gxhkGqpCv5Rxj9KryfAXwlMA102u6ken+ma5dsD9QJB/KgDv5ZzApMjLGvrK4QY/Gsi+8beHtMXde+ItHs/aXUYV/m1czH8A/h3GyMfCVlcuvVrtpJ8/USOc1p2nwn8Eafg23g3QYMdCumw5/kaqyApXnxy+HtnkTeONCBzgiO8WQjH+4DWZN+0N8Ptu6DX5L8k4H2DTrqcH8VjOa7620fTrFFW106ztQowPJto0wB9BVnzmUYVmX2XgfXiiwjzM/HbRLjb9h0Lxdqmc5+y+HrgfrIqVE3xc1GcD7F8MfGtzu+751tb23575eK9OZ2b70jZ+p5+vFQuPU/zouB5qvjjx5eKXt/hXcQsDjOpa/aRfoof+tI2tfFW6UmHwj4W09icf6Xrks3HuEhHP0r0naNvJzTNv5UwPNWt/i9cE7bvwNpq46pBd3J/VlzVf8A4Rj4oXGTP8QdHsy3BWx8NK3HsZJjXp0lQstAzzUfDbxlIxa5+LOu8jBWx060tgB7EKf51FJ8G7i5YC++Ifjm/XuP7VSEH/viMYr0w9KY1AjzST4A+GJkxdXviTUT3+26/dsD+UgH5U1P2d/hwoG/wpaXL9S13LNMT9S7nJr0pulR1NxXOJs/gv4B0/H2bwRoMfv9hRj/AOPCugs/CWhaZj7JoWl2u3gNBYwxkfiqg1rUjfdNUMgUCH/VgL6bV24oZn24LsRnJ5B/mKd/DTGoAazD0xUUuWGMmnmo3Vi1ACfw7aYV29BUjdqi3YbnkUDGNmo6ezZYjpTcD86m4iKQnd0ppXnnrT2/1gHemt1+p4q7gRP3qKRulSycbiegzk+lQv8ALuB4I5NFwGlcnNRy/KRjmns21SB1XqPSoH3eh7dvXpSAa33qGocMuCylRjdyO3rUU1xHDhnlSJDgAySBQSeg59cGgYSE44PFQb/cGpZGZm2bSG4yPr0rFt/E2k3F9e2dtqdvc3llG0tzBBNvkiRThiVHJweCO1AjYX72O/WkrH8O+LNN8U/a20y5e4FpP9nnjkhkgeJtgfDJIARwwOPQitf+Ef4YoGIT1pFXcvNNNPQjFACdOKWNjyCKG+Xmm7xQAp3bsUm31oVtzZp6/M3PWgokhi3dqtkKse3FQohUDBqRc5G7pQAtv8qn609+WqIN8zegNSLTuAnA6jNV55D8w28etSyNVa43NGcc0XAz/MfzCFfHPFcxqnwh8F61qsmp6h4Z06+1CV90lxcRly2eTwSR19q6qGLLZPWp2pAc5o3gPwx4cuVutK8O6Xps68eZa2cccm3gkblA9K4rwr4d8R/Dea+0Kx0ka5o73c1xptxHdRRGJZcyNBMrnIUMWO9QxO7+GvUy+O1c/wCJ/D9xrk2iXEM4tTpupJeFmBKtGEZXXjud/f8AuiqA5Lw34Y8R2XxI1PX7+zs5rW9062glljuAHaaDe2QhU7VYtgHcT6is7w58H9RtfB+m6bf3NnaavoupSX+k31mWnWJ3d2KyBgmUKvsYA8gA5B4r1cMseFZlQ5ChWkHU9B9arQ6rY3Vw8FvfWtxPGMvFHOrOv1APFBZykfgm41nXk1fxKLG5khtJbC2s7WNmhjjlJMrFn+Ys2FGe1QaL8OL3RbCHSYvEl1J4dgASGxeBPtCxg7lh+0feKLwB8ucDGa7xsMCc8DrSbMcU7iscZcfDGykg1CyttQv7HRNQd5LrR7Z0W2dpCDIVLKXjVzncqnnJPStHVvBOj61BYpcWzwyWB/0O4spXtp7YYwBHIhBVccFec966LBpNu7rRcLHG654Nuxosen+Hbm2s2kuBJdzaoJbhp1AB+ZhIHYkhc5JHynjmpdL8FabarJc3Om2cuq3capf3UcBUXPHOQWbGTk+3SuqZRzTKmwzmdQ8E2lzZJYWcn9j6W+ftVjp0MUcNwN6thuMryDyo5zXQLGqoAo2jsOKey0hHy0XAYvHWnNhe1O7Dj9Kgl3bhikA0n5jnjmkapCAVyRzUXvVFDSvFRNUzU3bQM9Ek5x69hXN+MPCemeNNOjsdV+0vbRzJchba4a3bzEJKEshBIBP14FdFO7LDKURpGVS6xrj5yB90Z4BPqa80/wCE68aXShLT4aXShhlW1DWLeAD6qu4/pVmJqf8ACrfCH2a1tzoFpLFZxSwxK7Ox8uQ7pVO4jeXPLM+SemTWhH4a0i1uJJbfSNMina2W0VzZpxEBhI8gA+WMcrkcHHSuX/tL4pXClU0PwnpgxktcalPcEfgsaj8jimrofxRuSxfxJ4X0o91tNHknOCcDmSQVBJ0ng7QYfBvhrTNDt7iS4is4hAJpRtZuWJzhiQDux1PA5NbSXkkmAzuT7tyPzFeet4B8a3i5vPiZdIvX/iXaPbwds8E7u1M/4VHe3SlL74geMLtOrCK+jth16kRxg0aCPSo/NflYmPOPlGefSiS6jgi3TTRRAHnzXCAZ+teXan8GfCGj6bc6nrWo6/e2VnE9xPNf69duAqDJJAYccVZ8OfBP4Y6xp1hf6d4Ysb2yvIklt7q586UGNx8rbXcnpjqM81F0M7O9+IHhnSWxfeJtHtdp5WTUIhj8N1VZ/j18OLNtsnjXR84yFinEp/8AHATXneh658J1uvDMNt4Nt7X+3tSm0qznl0KAKssTbXLFvmA9GA5xzXqHwz1ez8QaK15aeGLjw08V5NbLa3lkkErFGI8xQqkFWI4+tVYRjt+0V4D+X7Lqd/qjN0/s/S7qYH6fJU6fHSyuVzZeDvG2pDsY9CeMH3BkYV6Jpt59qhSaF0aFs4ZHV0IzjhlOKtxp8pwTj0NFxnm0fxW8R3S4svhR4odTyrXk9rbj8d0hI/AVLH4x+Jl5kW3wxsbX0N/4jjH5+WhNekxovHJPtmp41+bikB5qJ/i9eOGXSfBGkHH/AC3vbu7Ye3yooqaPQ/i3dsGk8U+E9NZups9GmmI/7+SCvTAi8cc1IqfhSsB5nJ8PfiDfYF18Vp4FzyNN8PWsJP4sW/Wp0+DmrXEZF78UPGtyD1WC5t7Uf+ORA/rXpKrUoosB5kf2ffD90q/2hrHivVHHX7X4guGDe+FK4qxH+zb8Odwe58MpfyD+K+vbmc/k0hFejqDu6VOvWiwHBWPwR8BWbbbbwPocBB4k+wRuT9dwrpNN8E6HpakW2i6ZansbexhjI/75Wt9F+WgdakQ21h8mMIrMgX7uCR/IVNtZ8+Y7SA/wsSR/KgVIOnWgCGO1jXkDHtzUyruxjgDtR+NOWgZBIArjAFTK1MlAyPrUirubjn6UAPC7qYw25zxU2MDjnjJqKQ7uDTsAzJo/Gj8eKb5g9Pf/AD+R/KkIVvbimUNMPSmbw3II96AFamUvf14zSSdOP88Zp3FdkUhOaaTupzK7HGxs8Hp69KbwFyRwBkn2zjP50WGR8+9NLcGob7WtMsW2XWpWNnKP+Wc93HG3TPQn0qViFyCOc1QDPvdOTTHAx174/H0pw+bpg84DsM44yfy6Vznhfx1pfjRdXbTTcxf2XePp1yt3CYnWVFRmG1ucYcc+goA3ttMapSp2sQpAXr/s8Z5/CoWV9wXa2T0GKm4DGWoynX2pZGPXsOteaeIPixLYfGLw14OtbaOWxvGnh1C9kBIScWzTJBGezBTGz57Oq9aQj0n6c9qRv64/E9qy/EGtQ6DomoapcxzzQ2dvJPJHBGZZCqjJAC8k55OOgrz3R/i1o3iyw+HWq3N3q+i3OtTFLewjtJUtrqaSLBSQsu1o152kMMlSRVDPUvvYxzk4HvUbcnjnvXAx/GXSbvQfFOqQ6Zqpk8PXKWV7Y3McSXTzsQFVFZ+hyAC33j93NZ3ib45ReF9aNteeH7lNNj1O20q4vJZ0Q/aJ0UgJCynz41LqGYN1yRTA9MbsO5OKrx3tvcyXEcVxFNJbuI5kicM0TEAhWA6HBBwfUVBJrmlLqh00atYvqg3KbMXSGc4GSCmdx+Xk8ZA5rzT4U2Vp4f8AHXxW023jW2totVtr5I4ySqLLaIWcZ90J9TQB6kz9PQ9Kh3FmwOTnH45xivLde+Mmj+IfC+rz+DvEtoLqze3+1XlxbyosMLybGaMSR4kkIBRUwctgc1zvh3x/rOt+GfF7a74hvtCtfDOryJdX32aGG8lsTbh0jcBdiOWZB8igkKowCcUkB7l/rF3DkdsVy+ueORonjXw34dk0u4kGu+esd+kqCONoY2kZSn3icAdsV5Ha6h4jtvBOgP4k8Q6vJq/iHWI54tB+0Kty9vIkggtGmQoYxhTI7jrtKgZBFcpa6hJ4x8L/AA/tvEOpS3Uum+NL3RrmUagzv5O2ZUUzH52UgIu49QCaLAfTOsTajax2jWNpb3Ae6jjuxcTGARwMdrsuOGbgYXpSrrmnJqq2B1C0TUGAcWjTIs2ACQTHnO3HzcDpXzB4ssI/C/hDxhbx3Uknh/w34t02bQpLq5Z/s+Xh8+CNyeisWBU5xtb0NdHqF9Hpfxo83TrnT/ENleeIYjcaTMm2/wBPmlh2/aYHQkyQeWclSMUwO11Tx5r2mTeBZP7V0XVLTUNel0vUJ9Ph3qVKymNEcuQpXCq3H3uKrfEr4kND4Zs9V8La9sgsNftLG/8ALgwkivOIpY9zrkFScHZnnrivI9WhW8+Hur6JpP8AaFldW3j5rq0fT7CWRoLZpSTPGqocoqs54yDgAHmui1D/AISHWPgfqHhWTwvqEfiHSJba3hW1tH+y3qw3CSLPC7YABC7iDzuJPSgD1fxL8UtA8J313b3r3iw2EkaXl3bW7S2+nmU4QTMuNuRg8A4B5rntD83VPip47B1K6LWkNmdNaO8lMFus9qQWSLPlkl1LA7O9YWreFPEav8RLG20WbUtO8bReba3TSRRGxmlgEUkVwrMGVVwG3KDnGM5rR8H6UPC/xW1nSklSV28MaXGkkzbfN8ozRDOOew4UdDQBV8Czad4Z+Mmt+HdP1fVHifS45TY6vJLJ9puxK4kmhaQAcIVyEyuXJHArq/iB4M8L+KLGfUPFcA1HSbGymIhnLeVCD9+VVBH7xvkUN/sccmotN8P67rviXRdb8SW2m2E2jx3EdtBptxJMZDOqq7eYwUooUEhQTkufSqXibwX4z8S6bpts/ijS7GW2vWu5pItJ8xJwHPkAqz/wLyR3bb6GgZd+GWm6no3wx0Cw1KSWTVoNPCP5hy4YgkKx7su5V+orx/w5ey2vw4+C2uQvt1Ma2LSeZl+eT7QZknB9csM/N6CvaNL8M63Y2enfbfFd3e30N+15dzRW6RJdRlSog2ZwkagKflyWPNUbD4W6ZpusRXkE90LG3vZdQttKZlNtbXEitvkXaocnczsBuKjcR3FAiv4Pb7P8RfiLb7RGv2jT7zbkEZe0Ct09THXdnKkg9RxxXC+HdM1L/hYnibV5tPn0+xu7KztY3uHjZpJIjMGYKjnjDrgkD6Cu23bucY/AD+VAxzNSBqFXdxSL8uRQA7cW4po605aXbQA2Njvq1HtLZNQrGRzip0XpQO5ZU56U6o46HztIHWgLjImP2iVeoxmpi3ykAYrJa5eOcqeDnBrUi+6O/FAyKbKxkmqyzFk3e9X5E3ZB6Yqp5OzjtQAxlHUVFyXwalkbYvFV1kyetOwD5FrzHW/K8T/GJ/D+qxifR9P0NNRjtZQTDNNJMY2kkQH59gACg9+lekPIckGua8UeDU1/U9M1ez1GXRdd01XSC/hQOGjflopIzw8eecddxouB514/8G6f4F17wfqumaa10G1+SNbRiu6MT2zKUSSRgFUPHu5+7nFaPhO6ubD4teO9+inT7u502zv1s45EaSRwJIyoZCVG5gCSe9dFq/w3PiCK2fUddvzqFveRX63tvHEpEsW4QhUKMAqbicdyT2rSm8H2kPiaTxLFcXras1p9l2+cogKKGKoyBQMbj1AJ5pjuWfC/iZvEFjcTPZTaZdWtzJaywSSrLteM9VkHyspDYOK2dw7dB0zXH+BvCz+HW1S5mt7awfULtbo2Vk7PBEwVVYqSASXxuPA+ldNtcbevAwc0FFndmjdTF9+KVsbc5oAVlzzTKduytRjrQA4gVG1K+V7UzO7rSsA78aYy0/8AGmN370gIj8vU0m0MpI6U5lLdqBGVGPWrKIMU6lMZXqeKRiPWgZ6AQM9CPxrzr46a5eeG/Ab39lqU+ltHqNnG9zDtJSKSQRyfeDdFdj9a9GauF+L3hvVPFXg59O0m3jur77ba3IimnESbY5UkOWYnqFxwO9UYnn3hX45f2D4Q0KfXFuNamvby4WG8j8tCbRL1II53AwC2ZEBAAOM8VL8OvHl3Y3PjGwS3n1v+zdU1S7lUXTtcQxIQIYo0wWJkYlQowflOBWBrX7PPizV9OihTVdKszcahc6tcWkxleOCeSaN4xGVGGKKjDccAb2wMHjVs/wBnzWIfFmu69b6/a2EusPfxXbWtu5eS2uAvlpuLffRssD0AyKkkqN+0RrWpeH5Lqx0rSxqcXiC00aSOWSR4D56hgQykHcpJVsnHHWqPgv48eMfEGsadZ30ek20N9Y6ukTWds26O5sgQJsO5G0sMbPet3Rf2a/7M00Wz+K5ppP7TsdU3pp8SqJbWLaoVc8KzYPPZR61o6T+z/pnhYwahBqur38+mpqE9vbhYtrvchjKhULubPGAG4NAjzLTfjN411bQYI9X1SCb/AISLwhearEtvaRRLaTQs3CjDBgyoQdwP0Wp9H+JHiUeKPhhda1e6lF4c1mw02JLrSH2Qpdsh3xzQpjmQFVHTgKVztNdj8Efgfa2/w5sv+Eo0/V7bXpNNk0e5t7y6ZPJt2cs6RYb5A+RyfcV6JpHwb8IaS2mtBpcxGnxpFAJruaXaqKyx/Kz4JAdgMg4BGMYp6DPm/wAN6zqGqxfC281a+uNSng+IV/Zia5lMr7BgBNzc4wOvJyaxPtNrN8O9IttQuDNBbfEyW2cTXTZ+y9HUkkfLgDr0xmvrrT/g74Ks441j8LaWscMrTqZIPNMUpIzIN5b5jxz14resfBuhabGqW2haXbxAk+XDYxLjIxuztxkfnilzAeWfsi3VtB4f8d6bBLFJa2Hii8SCKOTcsduSmwjJ+7lWx2r3+PIyD1z2GKo20EdvGFijS3TPSNcL+gAPtVqNunGOO9QBZRR34qZTtNU4biGaaWJJoWnhwZY0kDOnpuGcjqOtW84yTwM9T9M/yB/KgCaNtzCrAO7aRyD096xdc8RWHh20huNTuPs0E08VtGdjuWkkfYgAA45FUT8RtEk1jxBp0dxNcX+hJC+pRQ20hMSSZIYHHzgKNx2dBz0oEdWvPTmpVqpY38F9awXVrPHd21yglhuIW3JIhGQynuCOatR5ZiqjLDOfw607DJ14p6n9OTURJXcHBXbyd3GO1YfiLx1o3hC40iHVb+C1fVbkW1qJJFUFsby5JP3AijJ6DcPWkI6QtjinD7oOeOlYk3i/QbPVrXSp9c0231K42iKxkuUE0m77mFzk57cc1h658YvBPh2S/j1DxPp8NxYkLdwxO08kPGTuVFOAArZ/u5GaVgO6Vh6+9SbSpOQR359K4rS/it4W1rxJbaBYar9ovLuN2tZo4nNvcbRucRz42yFe6qcisC3+Lnhfwx4X8XeIYv8AhItQstP1mSO+juY3aWGZtgZEEhHlRLlcA+uBUgeqj7xHfpSn5c89OvtXCaT8XtPuNc1HTtS0zUfD7Wem/wBsRyaii4uLQEhpNqvlcf3Gw3qKpj4sXFmPC95quh/2f4f8QSpBa3cd2ZJbZpF3wieMoFUSLySrHByCeKAO/mfLcfw8n26/4H8jWd4Z8deGvFl5d22i69Y6tdWozcRWk+9kGcDAzgjIxkcVWOveGPEd7caFHrGl6tfPHJFNpttdK8pUACRdobIOD+GDXBzSNpP7QGkyXvhz+z7C+0uTSNK1O0dDHK6kyt5iLyvyIuwdQM+mVAPUvEHiWx8M6dLfX8kghVwgSCIyu0jDKrGi8uxHOBWT4N8f6R4+sbq40uW4ElnOba7tb2BoJ4JP7rKwBB+orYuGdsnapmQFo/MydrE43ZGDwSR1GcGvJPAera94V8X/ABF07UtJh1XVmEXiCO40din25JAYkh/evhGHkbQSegOTmncD2BvmHG41w+meMr/VvHPi/wANDSre1uNHtLe4tppLjeLrzVkI3jaNgG1c4JPJri/iX8QtXbwlYx6xod94L0u71y00/Ubm6vI95s33FyHiJMeSqxk9QHPbmsvTfDPhnRfjR8QfD9vDYWWnap4XgmlskYLGJFaQMVAbsnzFQffpSA9ittcW10ayn1m+0u1vJLfzJjHcgQsypulMZc5KDk5Pbk1n3XxO8I2VlY3Vz4p0dLW8kaKCQXayK7qQCBtPGCQM+4r590Kbw9qHg79ne61JtNeRblrO5WZo+EWGQbZP9kOFyD13VPq1hpN14Z/aG0vTbaB7q9vGewjs7Xc0/wC6U4iCqQ22UEjHRgaCtD3zxV4/0jwTIU1SacyLCbqWO1tJbl4ogxUySGMHYmVPzNgcGuc/4XNbzfFDR/DWn6fdalY32knVY9UtYVdJAZIlR1YsuYlByxBJ3soPQ15/rNrNZ+NovEGreC9a8Y+H9c0OztVSwjlMlvNGjLJFNAxUbHBJ+cDlj6mt5fDPiDw/498Ba5YeFrZLa30a50m4sbK4SKHTRJKsqAnOSABtJXkkNjgigRzvxG1rSda+AvifUvD8et2iaN4hMsyapczJcLMt1GZwRuPy4fhW6V9C3d3bw3gEtxBCzOPLEjhSSxIAVffr9a8Dvfh34r1j4dfFLQF0VbafxBrMt9pr3F9CQsbyI/zkbtpHlbsAdWxXo/8Awrzw7rOpWOv694Y0yTxFDHCZLiQecUZB8uGwN3OcHHbmncDhPiB8IfBtk3hq0tdAtZdY1jX4Xn1WZQ11LGjG5uZWbsWEZU44y+O9d5ffFbwlY+LF0C6161XXWlCtpqlzLuYBgPlTAJB71e1Tw5LfeMdM124nHk6bZXFvHAq4YzzMm5yemPLTAx3Y1oNbrHIJVjRW6khBngjng5bgY+lFxHhd58XvEqfDXSvijDeRXek3F8iXOhtbRhY7OSfyF8uUDzPOU7WIyAxJAHaufg8ZSab8aPGPhKfUb3wvp2reJ47ptct5WjIJtImFoJFPyNKc8sAMDFeq6b8FdF0i3ewW7vpPDQv/AO0o/Dkpia0jnDBwFfb5gj3/ADeXvxnGBipL74GeGNauPEc2rpqGpf27NFPfxT3jqjvCcxMqqRsK/KvynOBRcDgvixqOq+D/ABZeanqMOqX3hKxSx/0zRtTf7XoLxkMWntywEschbJYgnBrM1iSw8aaX8arnWZfsniTQbuaXTLjeyT2NskKvaNbnI2q7DsBvLbeTXsP/AAqbwqLlJ5dNkvHSKOJ1ur24lSeOLmMSo0hWTaem9W7DitjUPCWhatqttql/oun3+qQDZHeT2yNOqg5AVyOcHoM8HJ6U7gcbol98T9Qj8PXci+Graxks7SW9+3pcG8aQxIZ/kT5FIk3Y6fSvJfEngP4k6Brnw8WfW9Bnlj8QSyfbrXT7iR0nuIZPNmuCXG5WB28YwSuCAMV9PSszuWc5Y5LN69yab86yLtY7gTjGSd30x0A9KLgcLD4N8QyeILu7uvGl3eaTMs0ceiHT4IYVVw21S+GYlcg7iRmvIdJ0Hxcvwu+Fukf8Ilqq6p4X1q2lnXMPMcKyJLKu5x8pVlAzy+PSvpHbhRgAJ0BXOPamliqgBsDqD+OP58UrgeM+L/A4vvjh4cuLC8SK2vofteu6enzCX7Eytayn0O+REOeu0Vl/Ej4L+MPG2ueJpILjRJba8ns7nTL7U3leeyjhaNjbIoBCq0il2YHnpjoV9c0bwVofh/WNT1LTNMt7PUdVm829uFUlpnO4kk59+g7kHtW1ztB5A/2uf1qgOa0/wPo1lqo1htG0seIWG6fU7ezSKWSUgCRww5wQTwST6k1maF4Fv9H8feI/EbaxHcW+tLAsmnraFTEIUKRlZDIcNtPzcYPPFdofvEd/8elNZhwBxnmgDmPHHgnT/H/h+TR9Re5hh82O5juLNxHNDLG4ZHjbBwysowCMYJri5P2c/ClxHqi3lxrWoPqUkVxdyTapLmeaMYWRumC2ATwRkLgKBXqtx+5+Xuarec23GM1Izjbz4M+E9Us54NRsrnV1neORm1O8luHBjLmNgzMSpXe3C+tXI/ht4VsdNvtPj8OaYthfTLc3NsbZXjmlXGGII5PHUkfeNdE0ki844qNp/NIFUIz4vD+l29jDZQ6ZaR2UJ/dW/kLsj9wOx9+c1Yjs4YZEMcMaMuFDRxqjBcfdBxx/QcVbC8Ux/loAZJvaMKZXYf7THH5cYqvtXBBbIHpU8zfuvQ1XZd0dAxjsqrgHj61l3XhnSNQ1ODUbrS7K51GFdsN3NAplRQcgbyCcbmJAzVxmyMYzg0/dyBQIdt7k7qay0+k5oAiePio9tTMxqNs9SMUDIZE9KQRjAqZlpjdKm4DWXZgj0o4P1ob3prc9OKoBy9ePWpNtQK23pzUyt8oOaAHr1qVariQbvWpN1AEwbFLuNQErjrT4mwOuRQBBNADcKxGQ3Wr0ZDISOKiZh6UqsAMdjQUKzGmOhK5zT3wq5BqLfu9hQBDJGdp71V8srzirskwXjHFQMaoCuy7qb5PvUxX2pjYpWAhZtvSq7MZGOD06irDLlSaqFTC249G60wHwyJJleQymrG2qkP7ti+7qemOlWvMHBB4oHcGph+YqAMg0O+9to6io+ko3gMmQGzzle446cd6B3JYiHRXQhkYblZeQR6g+lOrifhTM0XgTT4Jiwe1M1m+5slTHK8WP/HRXabs0xjZFPrVWSYRkgnn61Zmk2q3HIFZioZVZm6k8UAT/AG1NvXP40w3SMwCk81D9h65Jb26VNHbrHH057VNgLCtSs1VY5TuweDUx+YZqihGYntTMe9KysVpq9qLjPQ2+7VW9uobO0mnnkWCCFGlkkc4RFUZLN+HNWS3B4rifixHd3XhezsLF0t7jUdWsrMSyKSi7p0OGAK5B24I9B71RidEuq239l/2g7NBZiFrhmmQxsEC7txU8rxzz0rnLX4maNeeLbTQhDfpfXKDZJJalYDJsEjW4lPIm2EHHRcEVw2vfEq78TfD97W80q+S9mMUd3qUFsyWG4XqwyBWZvlLKjfLnowrt/Eyxah4w0hGCkaU8mqOVYKzTSq0MEYLfxMTJ/wB8J6ipuSbXibxDB4T8NaprV2Ga2063kuZAmMtsUnA+vAFW9NvotXsbS9tTvt7qGOaE5/hdQVGfXBFed+JdW1/xV4a0nTrnwzHpWpahqI8zTby8SSKS1gAmk3yJnAJVFxtPTHevN7jyV+E48JeIDbHUfC/iqz0ySOO4LKIGuQ6bSdrFBFJtyQOI+gxSA+jodTspLm2t4722mnuFZ7dFnVnmCnBKgHLAEYOOmKwrTx9pWj2Zn13xRoaGa7uIoJYZ1iR1VjiPrzIi4DEdTXhOn2nhfw5ri3Fh/Z9rNafET7LGwdcxWrQENGM9I9zNn6+1P0C60lr/AMMKsST21n481KRwkRZI4GSUI52g4jJZOTxkVQH0L/wsLw7DoGnazHqKXmnagSLNrGKS4e5IUsdkaAuSoBJ44wc9DWzo/iDT/EWkW2raZdpfafcp5kU8ZyG69fQgggg8ggg9K+dfAMepaHqnh7X30jUp9Fs9V1uxnjhsZjLAlzMHhuEi27mQ7f4RxnnGa7nwT8I7u58O+Zd614g8MNcane6lFp2lXgt9kdxOXRZVxjcExkdtzCoAs+MNJ8T+G/FXh7xDb+KNSudRvtfisW0IyAafJZuWzGsQHVY13M/UsCa9cvpr+1tLuawtzeXiIWghkl8oO4AC5b6/nxXkmoaz4+uPiFcXVp4DFxYQA2WlXl7qkKQwIxCy3JiyWZmwBgkHYmON7V2Fr8M9A0PxFqHifTNIE3iKYTOsk93LtdpPvKAxZYwx9uO1IDyH4b+LLXwj4B8H+JLzSNPTxbr6z2FvqRuJ5TdR7zJPJceVHvOWwAAHPP3lHFddD8avGF+nhJLXwlaaXqGtajcaTL/ask0SCWONpBJGoQM0RUbwxIORtxnLVT0f4L+LLXwB4Rs4dV03S/FnhO6lksb1C9xbzxSlhJFKpVSoIKqMf3c10918LfEes3PhfUb/AMR2Mur6XqcmrXDNYu0EkjRmIQxoHXbEqdydxNAGDdfGjxXb/DW61do9Hi1jR/FS6FqJWKRoZkE0cZkhBf8AdkrIOWLYxmuv0Erb/tKeOY1DPHL4f02R92PmVJpk54GRwe3PTtWXdfAeXVPD/iHS7rxVKbXWNe/t+eSCwUGOber7VLyMSN0cR+iH1rr4fA8el+NtR8bTajq2papNp8dlJYxxw7J44ydoCLGG3Fyx+/3OcLigR5LoPiC70qz8QeE7fVbmyh07xzPptnaaUSLu+t3Qz/ZIH3L5OGfJkyNqbhnkCjQda8Y+KvhmtoJ7fWda0nxZd2j6JqGoGKTUraAMy2v2kfM2zLOCfveUAa9C034I6Rq/hsReJrbztZudXm1+W4srmWF7e6kzhY5I8NhEPl8cMBmt3T/gb4E02KeO18Ox26zXgvyy3MxcTBSodWLEqQC3APUluc07geJyeK7DUrD4c6RdTy+HPC1xfata39v4mh+1JBfqwK284Z1WRVzKqFmHY7Dipda8OeGPB+j/AA6uotbTXtA03xoIX1jUI4xaxRPE7vFGwyPIWQjGCQGDDOBX0O3grw9N4dXQZtE0+XRVJIsZoFkjDk5ZsMCS5PJcsT61q2+m2VvYw2KWttFZxII4bdIlCRqMY2rjAA5FRcD5Q+Kvi7TdQHi6DTTJYy2niTT72TTVsppZ79gYibtyQfLiKDaqqqnIGd2cV6Qt3ZX3xQ+Ld1FaXskep+HbWO3YadOWkkWGVXjHyZ37mjJXGeo7V7uzPIzMeXl+RmwMkYJx+H9Diqa3kzM+GPXbwST9OR9KV2B4XoUOpR6F8B2/4RvWHm0MGPUUOnyJ9lBtjAcsyjHzEN9BmrGseCfFGv8AhH4zaPa+GruOXxLq32vTXnmghWVf3WWJLgj/AFOeQD8wr2+U8sG+U5HGOCagvNWtNPjaa8vbawh3bRJdTrGpYjIALEc47UAefa74F1jxZ4+gvdQ00W+hXPhabw/flrxPtKNM4d2RRnIXGOozVvRfhn4guNA8JaB4jvdMuNL8L3cN1FeWDP596sAYQKY2UCIjK7sO2dnvXbtqdrb2MF697b/ZrhoxDN5q7JPMICbWzhtxIxjrnitSZguVGRngfmR/Q/lQBXj0bTbT7TNY2Vnp15cBybq2to1cOwxvPHzep9awtL8MXn9p6ffeINc/t+/0/eLFo7NLVImcEPLtGdzlSQDkKM42ZrXWRTIEDqzIAzLu5AOdpI7ZwcfQ1M3zRq3lswTc+1QMtgdADxnPGTQBx2m+C9RupvFEN94g16KyvtRW6sGhvVS4tgOH2FchIicBY+flQFuTXQ6H4es/Dq3MkD3F1eXjI9zfXk7Sz3DBSF3uRkBR8oUDaMmq3w98Wx+PNFlvYLC4sfJvp7F7a5ZWdGiYqxO3gHjpW/IjRyYduvTd1Jzj888fWlcDF1TT7bXNMm0+8tYb3T7oeVLbzx70bn+4ev8AOq3h74e+F9FWX+zPDul2e+HyC0don+rOSEJOW2kscn+lZ3jfV/EHh/w340v7OXQ2OmWX2rT4pTJI4CxF5DcLu9VOzHYVP4b8aWd9Z+Hxf6haprOradBerZoxMkm9FJZFH8OSeelME7nVR6dZ2qj7PawwxD7ixxImPfgcfhU7TM3yCRtvQhWOPy4rltP+J3hjVNch0q11YS3tx5otmWGQRXTRkiVIZdm1ypBBCk5xXnfjb4xaH408HeK9N8O3Oui+t7K+U6lZ2c9tFbSwRbyry9VzjpgZB5xTsB7HOzr8o+XB5B4OaiTMrH1J6Dua8h8A/Gyzu18FaJqmk6zpba1YW8Wn6tfW4S1vJ1hXeq4YuCeSCRh+o61fu/jYth4ePicaN9p8FpeNbSaqlyvnqqzGE3Ag2keUHHXfuIIO0U7AenbR1X8vwz/IH8qz5vEGm2+tW2jyXscWpXUElzb2/JZ4kxvbPYDdXlniT4veLYdU+INjpHh3RSvhO3ivmlvr2WT7TbvEZhtCBSHZVJHIwVwc1up8StSvPiB8PLeJLMeHvFGlXF8FkRnuPNSJJQnm5wQQ44AH3TzSsBtaX8RvDesaGur2moN/ZLXjWBv2t3jijkVgh3k8ou4hQWwMkDPNdN5bMxVoyjDgp6e3FeT/AAn0WDVfD/xO0G4VXhfxRqtvIsn3tsoGD1OD83Xsea4n4V/ETUPHUHw58L6ve3VvaT6FeXFxLa3L20t/NbSmFVaRCHwFUsVXBYgE5FFhnsnjLxv/AMIZqXhm3/syW7i1rU49MN3HMEW3Z843D7zZCnjpwa6iRfJjYsVjjVSxZvlUKBkn2AFfMHjHxH4jh8GXdreSNr2oeEPiHZ2en32oHD3EYBMSyv0YqZQpP+0c9K19Om0LxR8G/EDT6jF4d8XNfQjxBNqcQkkhvhcoRHMh/wCXZm2gY+Xack07CPZvEGspHo8d5p+t6LbIt5CJbq/k8y32Fk3xja/32TG33YVzuqeINb0T4veHdHm1BLrRdegvi1mbVY5bdoURkAkB3MfmP1wa8R8balFN8GvHkGtaJouna5oeuWN0LrSXElndXDyQnzIBj925jQhlXJHUgV6z8RLhbz4kfCi/tZomhn1C+t45d24bZbN3yCOudoosB0f/AAtTwu2tR6P/AGhJJey+YIFjtZDHdPECZY4JcbJHXB+VCecjtXnMfxo0nxl8NYdf13S/EOm2S63HEj2MTRbmS7ZYQ7h+nCo+4AZ4FYXwp8M3GlSaD4b1n4falL4l0K+3f2/qBebT0jWTP2iGRnIV2jAARF+8eeAaW58BeL1+EHjLwTbeGJHnXWJbrTLlruKOO4D3i3COpLZVQAc5+bJwOKLAdr4fVtP/AGivHlp5s0kV1otheeVJO8irJ5sscm3e5CDJB2qOlXviN8UJPCOowaTpdpb3+sT2b3xjuPOEflBiiriJHYs7AjkADGaLXw7r0nxpXxW+nQwaPceH002cyXiiZJhKZf8AVqpyBnbnIHFM+IXw/wDEGreJtH8UeEdbs9I12xtZNPlj1SBpbW5t3fdscKdykNhgRxyc0wON179oC/jXQkezt/B9zqmmm5iTxRbyiOW5ErKbQvlBERjIdxghkOMA1FqPjLX/AAn8Rvipqs+oQ3tno+gWmo2+n/Zl2lNkzIA4YEbXznA+ck9hXR+IfhTrXiHR20278SW+o2V5YSWupRajp5nSSV3ZzcQp5gERUOVUDJAUelXY/grpMOuWmoG/1AwRaPHo11p5dDFfQRoyxCTKk5wzZwR1oA4281b4nLoOsXv9rC30+70OW8sbm6Nm93HdiIyAwJGu1kdFP3mJUc5PWu2+EEWpSeC9P1bUPEF/r9zq9nbaiftZTbAxjUssWFBC8n7xrO8N/AjQfCdjdWdtqWu3lm1tLZW1vdagStlDIQXjgwB5YK/LuyTjIrsfC/hmw8I6DZ6NpiyjT7RPKt47iZpTGvZQzcgAcAc0DNG4I5HYdOtVF3LznNX5QO+W9z1qIY2nilYRXk3SKMA4+lR+XkggYxV5V+XOKi2/M1MCEyFV+6areaZJMY71OzfLiqu47+mKBkkyBhjmolh5IJOMVN5q9D1pikeY1AiH7Oqg4NRNEdwOas/dzniq7tlvl/GgB6+55ob5QarszbutOV+u41NwF96hllXdt54qZiMVUn+8SKoY4XAYEdPrUbSBuAeaqfNzzSrnGfSlYCSSYqcGqtxdSK+FIxipn/ex571XZGZuF/OlcB8ckqIshfI6GrnnbgMGqqRSMoRgNvXipHxEwX1qgJ1bHNP873qEfnTiw29KAHtL6VPG2VGKznkLSAKPl7mrUcyR45oHYss1NSb5sHimbgy5BzTGxjdnpQMlln28dqYs3vUe7zFyaFUUASMwbqKjZu3X0oO3B5qq0oWTGaoCXzOSO9Nbn9Afx6fyNIZVXJqnqGsW+lWNze3LNHbWsLzSMo3Hy1G98e+MgH3oAtSSRLC8krxxRQoZGeY4VFHVia8/vNf1fx8zJ4Zu5NG0FT82teSpnvGH/PBG3ARj/noR8w6Ag5qSHTL/AOJSxXniGMWXh5sS2+gJJuM/IKvck8NnIbYPl55BPNdjLjy0iiKbV4DIoG3/AHcdKAOBsvEmveHVaTUrePxXpMTtG2s+H0UzREHBE9sp4x3MRPuBXXeH/EWn+JLJb7Tb6G/tg2x2hbOxvRh1Vv8AZYAjuKxNW+H9heajJqllPceHtdcfNqGmkKZfQTxHMcw+oz7isyDwHqGrarNcaulvpmsxqqweKvDkzWs1yMHck0JBHGOQxZT2wKAO+uJltIzPcSJbQqpeSaZgiqo7kngda4ub4lHWLhrfwnpk3iOZPla9DeTYRn1MrD58f9Mx9DXPeEPCieMtFstX8U3tz4hvPNlQW90qQ2sRjlZGxAgC5ynfNemxWsUFuscSqsagbY1QAAewAAoA4TwzNqfgm8XS/EiwmLVb2a5tdT04P5K3ErmSS3fd8yHcxKOfvdDzmvRocqmCMYGemB6VWSWR4zs5wykblX7wOQf17VwWreOvELXniWPw7p+nXdr4dKJcQ3HmiW5kEYldYsHauEYAbw24jjFNMdzv76Y+WUH3mI59qI4gqjFYul65H4i0Ww1e2kaa1vYUuY92C21hkZx3HQ+4Na9rdLNHwMc80XKJ2Ximt92nNTA3JpAVpl24cdalhbctVriYsQoqe3VkjGQTTHclYYSoean69elRS4PTmkUegNWX4h0eDxBpkljcGREcqySwnEkbqwZXU+oIB/4D71pt92sPxXr3/COaTHd+QJ0Nzb20u+QrsjllWN3HuN4x9DVmJS1bwfa6h4IufDUTPBayWxgSQ/MytuDrKSOrb/n+pPpVCx+G/h+48RweLLzQ44vFeUmkummkk8uUKFDIu8rkD5V4wBziuomvoI5IRLc26POGaINKAZQACSuTyACDx2Irn9a+Ifh7RbNbqXVrJ4Wu7eyJhuUby5JmABbB4wvzc9gT0qNRWNi40Wxu9UtdSmtIZtQtUaO3upFDPGG5YKc/LnoeOgqv/wAInof2ia4fRtOeaeQTvK1pEXkcfxsdpLN9eapXXxE8MWsmprPr9hDJp4Bu/Mk/1A3BfmGefmIHsSBVvw34w0jxlZz3Oh6lFqEEU5t5XgZjtYfwnPByMEEcEEEcGhhY1YbO2syRDbwxEnDCOJV5IyRwPvd92OlWlklf5Q7MAc7V4z78d68u8TN4r0fxroGqLrhk0zUNbj0x/DqwK1sLNlb95u+95g2GQkcDkdBV345T3Fn4Bju1uLq1kg1GyIaCZ4g2bpFdTg/NkHGDxxSsI9NjYnkk9OGbpjp0/rU0KjcSvP8AKvPLr4pIunzXtnoN9cwy6j/Z+nSB0SO7lLMm9SC3lxLsb94eOOOKwm/aCubnSfDVxofhObUrvWr650sQSajFGkNxD5m5d5BVlIQncOAOKmwj2C2uIbyaaOG4inlgcRSxxuGaNyMhWA6HHODVyPbjJIA7818x6Z418S/DvUPiZqun+EtPm0+xv7bUdZt1u/LaFXs4jKluFXDkZdixxyO1d7q/xa1u6s/GGq+FLfT5tO8LCNp7e/ifzr9vKWZ1jZSFhKxtwSrBmBPAqrMD1HTPFmj6p4g1HR7PUI7jUtNRGvIYt2YN5KgEnjPykkdsGtePO4ADBY4wPXGcV8z33xOEPxwuRol2umah4y0TRotOvruEPDbqTNIWfk5IUYVP4nbA9T1HxO8b674J8QWsOqatq2jeH2tYEt/EVnaxPALoyOZVvgqEopVV2lRheSATmkwPUNc8eR+HdN8SX0ukarNbaHbLctNFCu27UqWYQsWAbaB82duM96vaV4nuNYtfDd3p2hzXWn6xafbXm89FFnmINGj5+8XJ2ZHTGa8yvtU1TVvFnxi0G61Oa9sP+EegubGE7SIBNBcbhGQo4yo5JOcdaxfCuoXcM37OdzBqN0ltf6e1pPZiYiCRhZB0Yx9CQc8k5zipuB7F8MfHL/ELwzPqkmntpctvfXVi9oZhLhoJChZm6Z6dOOa62a4jtYZJJXWGONS7vIQqqo6sT0AH5V8lfDvW7O3+I1zo3jK0jbwmnifVhpU8kgNs+pNOSI7ngYBU/uwTtLkk9K94+O2oWGl/CPxJPq1pNqNkscRaGJzEZD5qFd7KDiMMAW4IwDwOtFwOss/FejX+k3OpWmt6fc6baZ+0XkF2skMJAyQ5BIB+tc14h+JXhu68Fa1eWvjJNEtrZlt5dUt1LSWrkhlXy3Xlm+7j05rwfTNY0O81r4tWGp6zNqdhqmnaZdNqOg2jqgKE75oNuciLKYzkvswck1s303iPXvhT8V9Ju7hfGxa2t103xFp1i4l1OYgbY3VVw0ibFy68DJBpDPZW+KlunxUh8GJYX1xJJpgv3u47RyhZpVVMEDAj2ltz9A20Hoa3vGNjdX3gzXUs9QutNuTZzSRXlkwWWNgmflJBIB2jpg89a86jh1hPi14Q8SJomqX9lqHhr+y55BH5TWs/npIDOJMFFA3ceqAd69Z1kTf2HfpBbteyNbyJFCu1TIWQqOW4A9qdwOd+Dt1Lqfwk8G31xK1xNcaRbTSzTOXZm2LklmJJJOeScmsT4rafa3Wv/DNpEjuIf+EojjdcBg2bebhuf723ANWvhj4Akj+DOh+EfGGjxt9jtUtbi1eZJUl2NuBDRHpjb1P8HvWP8SPDXh/4c6J4K/s2ztdE0q28XWFxJHD+7hBO9WdtxIHu2e9IRrrdrq/x4TQ5I1ax8P6It5HGI12NcXMvlh9vfbGrKo7bmPpWPqHxB8c+IbjVLvwdpAvLfTdVk082s0USw3KR4SYvctKrRsckjYpAAGetbWsabFp/xI0rx7ZtFqOh6hpraNqNxbHzQieZ5kM/y53IH+UkfdwpPGadJ8G8eJdX1HTfFeq6XoutT/atT0a2EbR3MjDDsj4zGJP4tvUbj3FAHHw6tqvg3xv8adZl1C81N9HsbW8t7KaOERyboJGRD8hKpGQPuMM4O7PNbV5qmu+Ebj4e69Hr15qdt4gurax1OzulV4HaeHeksIH+pCbG4XjB5rtl+GejL4su9f23CSX1rHaXlikxFpcIimNfMTHzARkgD8wetN8PfDHR/DMli1qb6WDT3aSwtry486OxLYDGJccHBIHLYBOMUAeKeFdeih8bap4b8SpLpvhg+KdSNveJLsiu7wspFvM4I8tAr7tucSNtyQBitP4mQt4Z8Va5r9xplh4p8P2V1YfbI0cx6pokiqhjEO4YeMkK21eSSw7V6unwl8Jra39rLokN5bahcLdXUV9NLcCedSfnYO5BPzHk47HtWjF4D8NrfQX50DTWvbdESK5e1QzbUAVFyQegA60rDueQX66TpnxG+NNjHPa2Q1Tw9FcMvmBGaUwSq/y5PzEsCR/tCsD9nvxlP4f/ALGg8RJ9rTWdNgew1y2iZ/ISMKhsJVUERBWBYdmJJYd6+kf7OtFmeYW1t58mS8vkgNIxGCWPU/jVhXbBxK6owwVU7eO/HbJ9KZK0Plyx/tt9Y8D6jb+EPESXej65dLdaRbWbRWVjbSLKgSLJxJuJV2lJ5PBIGBXdfD7QdUn034oaPe6NeaZBrWq311ZNfRCOOaK4j2g53Eg7gT0GARwK9llAxzwfbJH+P51Ay+ZjnOOnoKdxnivhnwB4g1zw98O9D8QaQdKi8KyQ3V1cG7il+1TQQtHHHCEOQrFgzM+MbaZa/BnXoPA2q/DmafTrnwddXTSRam8kguorVphK0Rg2ENJnKh944bJAxXtpj5FDLRcDy+6+FurTeKPHOoxatp9nbeI9Ni0tIPs0kr26RRtGjZ3hScPIDjjpTdL+DlzYy+AJZvEjSS+D4WtrbybBVF1GyiNg+6Q4JQKucds16cy80MtFwOA0/wAFyfD+18T3mjXN/rGo65ePdrbXAjWFLqRdvmZVRsTAj3ZPATj5iah034M+H7Xwb4Z8O3CSStoCg2mqW8rW1zDKc+bKjoQVLszZAyNp5r0L15xTOPSmM5S5+GXhW80S20m60G1vNNt5jdrbzl5d0xJYysXPzOT824kkECrS+B/DqXV1cjQNKa6u1C3M5sot8wGMb2K5ccDgk9K32qJqVwKdjplppdsltZWltZ2ynckNtCsaqTwWACjaQPTtXPa54D/4SLxZoOt3WsXiR6NdfbLPTo441iWbymiJZ9pcghycA4FdSzGg9PwouIibpkfTvScfWlbvTO1ICORRzUD/ACqcmppOTxzUE3zZFUBVa4HIAxTCxZMg0pjy5zSCPC9KVxlVrhw2zFWo8lRUbQ5B4IPahYTt+9g0XESScA54qESDb0pZITt5YmoY03ZG6qAk84BcA1XeX5iBzxUrRjgZGaqv+7mNACqu5ufSjAHalRgc80x2+agZHNCrcjINVcsslWpWKrknAxn8OlU7qUQEbup9aBCszbNxPFV/tD8lRkUyaVnxuOM/dQdafawFQGY5zyAKABZPMOTwaHU9QafIoY84XPTFVppHt0yw+QHBPp6ZpWAspll5pjgEcinRvlTj0zSMpb5QCWPQd+mf5UgK7ovpikChF6Zz6UXDx2sfmTvHBHkLvmcKMnOBk9+D+RoVhIqsjKysAVZTkEHoQe9UMZuVc8U3cD2/SmyMqtk81H9qG/Hc9B61AE+8etMmXzEzj8acrcbiARSSZZcDgGqAqLdGFtjc54FWlVpPmY4x2qtJbYCleeec1fjX5aY7DNpPOMUbc9afnFN3UDAgqvB4FRu7tgLwKk/hNMoAPn2gAimfMG2nPvUq1BLJ++oAGjOfv4FRSLtkBGT9ad5m5gKft3EVRViFifm4rP1XT/7U0W/syM/arWa3xj++hFazR/MeO1ESgSx/w9M57c4/lQSedfD3xBPqEnh61ncPaXPhm3vFXaOJY5ArnPfgrXoDIsajA/TFeS/D+FrW78DqqPmG31bTJCQcARTrtX/yGeK9e2mTg0AVSpkcHHAqdcDaQM4OcH6Yp6xEMqgZYnAHrVa5u4bPyHmmjhE0nlxeYwXzG/urnqfYUrsDj/h/B5Npr9kzH/RNbvlTjorSCUf+hmutmQKow3B4rk/Drtb+MPGtuoIVruC8Ue0ltGD/AOPIfzrpo7jzsgqQByMimBbSNY4wAORXnd3Dq3g/xd4lurPQ7jXdP16OOeFbXyz5N4kPlMsodhiNgEbcPeu6F0W4HHasPWtenstd0TTbeOOZr0zyXO/rHAiqNyn13sg/OgBvw+8LyeE/Auh6JO4mksrVYpHXkFgCTj2zV93ezvCqqcHAPHFXorj5evHvRKvnKTxuFBZMr7lBHSo3brjjiqqvcr8qlNvuOad+8Zh8+PUYoAhjjZ7jJPQ9K0w2F9BVeGLEhNWG+6B7U7gJkBeTULY6inNzwahkbb0pDuehtXE/GCKCbwHOl5te0a9svNRyOV+1RcEkjj2rtmqvcwx3UeyVI50OCqyrlcgkg49mAP4VZmfNOgW+jX2u6Npuoz3I2x+XolvaRoy3Qh1C7WSISbSQiq0ZZdygoTknisnw7Y6bY+G9L1jQ7OJrKxsdGOqrYxM4Nyt7kkqoIZ/L3k9DjaMc19TPbrGuIFjhK7vLZYgAjEHHyg9+D25PNY3g3w3J4Q8MaXov21bz7DH5YnVDHuOeCQDwcdxnNFxXPnLXJrnWJ/E0aaFqsaXGk6rZx6cmmS+VFKbpZIwG25aSTli3QF8DpXp2j6DqPibxJ4sWz1HWfC8E0ljcxXllbCFrgC0EbIDKu0AMBkKOK9XDHaF3MNoyBn64/kv5VJ5mT1HrjFQ9Queaanr3iGP4iJBB4L1bVLXT9ltp2qSGGOAyPgT3chLAn5RsGAON5wNwqv8AEj4Std+C/EtpoTaxrGpau0IMF9qm+NQtwspKrIwRMBCBg55FepBQshOcE44OT15FOSQbcjJwMkgUEnjMfgPx7D4JHhOG1tJ9JsNRheyS81HYb3TlO77FcbQx2qT1z8yxhDkcVY8MfCLxdokmiB38Ppbaf4nudaCwPKgEEyspjAWPoPMbC4AGwDvXskciupPcVJDIWb0AqRnAax8KNV1TWfFy2+p2dvoPipIVvw8DG7hVIRE6REHYwdQR82MFzjpVu6+Cf/Ex8SDRta/sXRfEkEdtqti9qJ2IWLyvMhff8jFPkOVboDxmvSIWAVcjHFTr1o1A8w8Qfs96R4m1DUZbnU7q1srzS4NKSxhhjItIoWJiZHIY+YrHO4dq1rz4MWmsxzwaj4h1u/gvLOOyv4pWgUX8MbuyLLsjAzl/vA5wK75VzUqfL14oA5ZvhX4fk17WtYP9pC71azGn3flXzoj2qrhYwq4wF6DB7miH4ReEre10W3XSd6aGG/sxZbu4f7Lk8mMmQgc4GD/DXV+ZtzipIstjIqAOat/hf4QtVlhi8MaTJBcTi6ljltw6yTDo7Bhy3J5zn5snpXWw28S2pthFGbXYI/J8tdhQfwlegHsOKFjFP8tgwI6UATQH7OUWHaqoqqqcqpAOQuB2/SpvmbBLu7L0Z2yfyxiq0bHzKsBuDQArZXp0pwmNR7Twc5FODKQQBzQImjmOcCpZLeG8i8u5gjuUDK+2ZQ67gcqQPbNVlUjnNTwsVYZoGTwwR20axRIscQG0RxqAo/2cenvUqx+mfxFNU5YGpA2KABhTN1OLfNSFaAGSNheKRTvA7GiSmq20UCB+OKYW280sgJwcVFJGQQScD0oAc0gZcZqFsqpxxSSD5uBilUFlwQaAJI2PlrmlahRhRTGegAbpTc0nmdu1MkbbxQMRl+Y008U3f37ZxSM3rVAFMajzh6Uxph6VIDTTd3vTXmHPHTr/ADqPJODg89KBD2brzURYbetNZ/lJ7dagl3Fgo4PpQBMfm6VEyde9QWeoW95AJLe6huot7R+ZBIHG9ThlyD1BBBHYinvIi7dzgFm2queWPXA9TiqAVsY6CjA29KydL16DW4rqWGC7g+zXUtoyXULRlmjOCyZHzKxJAI4OOK0lZj0BbPTA61IDZOoxUTEZx3xnFO5z05Jrh/i94y1PwP8AD/Vtd0e0tL2409BM8N47BFi3AMyqOp6n7y/jTsB2cjHbiq0X8Z7Z/rUSagk1vG8X3XUSBsYGDXHeKPi74f8ABupTW2pXE4lgSGW5kgtmljs1lbZH5rgfJuxkY7daYHatu6jGe1UpJ/MmHTfjj3rhPHHxssvB630snh/WdQt7e7jsBcW6wCOeZwCqRqzhnb5xnaP4TWZ4i+Mv9h+IobO60SaGwl1O30pryW5EchuJkBzHHtPmxAsitIH45AGKYHpdnqEV7HJJDNDOkbmN2hcMFYdVJHQjuKr2+u6feapf6fDexvfWBRbqFR80HmLuUke4r5703xR4j+F6/EN9D0DTbvwvoHiKW4vYTK0UyQyLExWFB8oCAlgO+cCuuvvH/iOTXPHlno9na3l1Y6VY6lpItIsSSrMHyXDZ3uFUYXGCVwOtAHp2r65DoiWrzRXTLcXcdoBawmUxu/AL4B2oO7HjmsLQvGFh4r1bWLS0hubebR7wWNyl1EEJbYHLDvghhg98ivJr/wCJ2p3/AMPb3XNK8V3dxLpuuWcdzb3NhHa3cNrJJCktvOgQbDuDncvB55xWR4h1ePSPjd4i0HUJbvSvD2pajYXN1qdtMYBE72oWKFypHlpIyMpbPVRk0Ae36D4uXVPG3iPw6+nTWtxpaWsyyzSgi7jl3gMoToPlHXn15q54k1x9J8M6zqdkYrq4sbOaZFzuUuiMwDAEHOR0yK8j+IB1XR/Gfj+HRo5Rqtz4IheDyyTKWjmmX5RknOGJ7k8VXsbHSdQ8UeGZ/BJtxZ6x4bvY9WhsGHlvGIV8kzKBnzPMdhycnHNAHoOn6l408SeEdFu9MutGg1HU4FvnumtHMFtG0aOiCIynzDlmyxfgDOKl+H/iTUvFXg3SdS1i2itL26h/erbg+U22QgSLnnawG4ZPQiuZ8H+KdHh+BXhCTxAJbjS7zTLe0m2200yHahB8wRglVyuPc1D4BtZPh74P1B7HSNU1DSH1aWTS9Lj+a4gs3dApCP8AdAbe2Dzt5oAn8QL4w8M654e1z/hI7i4hvdahsZfDpijNsLaQsB5fy7i8aoXJ7kN6VsfGLWJ9K8K6fbQztbpqWsWWmTSRkKwhkkJkw38OQNp+tc/rOv8Ai5vGE0tj4FudRtdPV7fTbm5vYIIdzLtlnZQdzAjIA67cjq1dB408N6h4803V9Euo7fT7ZDaXWl6tHM0jrco28s0ZwQFdR0JyGPFPQDmdO0+zm8XeN/A9xaRX2iw2MWp6bb3yCUWjSo0UiIzhmA3KHHIxntXV/CTUjffCzwjcMSzf2VbqcjBJRQucfgareHtKuNH8Q6x4y8SzWNleXUFvbym2lYwQQxbuTIwDHczvkYxwKh+BvPww0mAHclu9xbK2CNyrM4UjPYjBHsRSGdm3zQnPY4qJYtskcnXH9asxxluOq9ad5fsaVgIpZMLsUd6njXaq7vSjy14OOaRmpgLIo2gj1pVbpUUsgCgEjOKYsz9MUFFluaYvQ1DJJIegoXcy+/egCRn2jFR+dhgoINQzZUcHJpkalSHPJNAFppsKearSy/vB9KXy1MhJHGfWmTQ7vunGOlAEsK5+Y8VYj55rI3SxSHa2B3q9Dc/LkkVQ7ls/WmkhSDjOP1oVtyilPSgdjz+3v7n4bzatFqWmXE3h65v576LVrBfOEHmsXZJox8yAEkbgrA98V2WlapY65p8V/p9/b6jZTf6u4tpFdG/EHGfarnK5bkEjBPIyPTiuQ1T4d2U2oTapot1N4W1mTmS704DZcnri4iIKSj6jPuKAsaPizxTB4ZtoAbWbUr68JitNOhXJuGB6MT8qqDyWbHtXnkkmp3niaVibfxD44yFeVVJ07QlIxtHrJjgj7zEc7RXSXFt4+1NTpNzNp2mQ8CbXtNncTSp/diiI/cuR1YlgMnac10eg+G7Dw1pMOnabbrbW0YI3DO9ierksSS2epJP1qtCThoPhTo/2uW51F73UdbkPmTasLqWC4c+itG64UdlxgDipI/Aup6WgbRvGWrwMDjy9SWO/iP4uu/H/AALPvXoH2VWl37dpx26fSle3RUOBjvUgcLHF490y4z5fh7xAg7wyT2ExyM52nehPb7w5rF8IeJpPF3jL+1L/AEmfSGvLF7TToZpY5Qwgcm5BZDw250xnk7D6V6daH5s42srA5+hz/WvLdLQafq2kJuBWx8Vanp+eg2zJLIB/6DTKsenrAc9c+9SxptUg0+MYWlwKQyJlDDjgihUxzUjKBUXO480ASwuRn5aJMk5xRH3pkzbe9AEcjdaryNTpH3cd6jbpQOx6TJWX4g1K70nSZbixsf7Sut8ccdp5vliQs4QkthsBQxJPsa1W9+aik8tVMjlUVVLMzHCqozkk1Zmef+A/iifF2gnWdT02Dw5pbRLJBcTX6tE6mV42DMUUBg0XAz/EPWrFp8R4H8UeL9L1U2mm2WhfZG/tGSfYJY54y+G3fKpBwBz9K8H1iSC4/Zp8KxxQTXk66hd26iFWkWJmFwN0qLywKttUdiwNZc135yXsi2l9eTy2/h/ypY7WWVoGS3dHlaPHz7N2Nv8AtL7UaEn03qXxE8MaHJCl/wCJNLspLiNZollvEXzo2+6688g+o4qpcfFrwbaaXNqL+J9OfT4LtbKS8RzLHHcEZVTtU4yBwScGvlTVtDvr/wAF6JbzaFqP21PBFxp3ktYStJHcC7GxOnDEDcPbpxVzxRFdaX4X8Z302k3ttZSax4fuII5bRoRKyhUkVNwALAgjHXJpWQH0DrnxY03UIfCVx4e8S2ENnqGuCwufPtZXMoGd9uMIfKkLEHcQMgNg1kePvjRpF14D8Rz6Jr91pd1ZouzVl09pkjT7R5LyR5GJAGVlyM9a81l8C+Iry8fWrbw3qzQXXj6LW4LJoCs0NsiYklZMgLuJOOASOcVDdfBvxa3h/wCI+l6HoWo2ula1aIYdKvpI9qXhulJMTF+YjGpY5/vAHnNLQR678OfGOr6p8YPHOiXWqzX2lWVjp93aQyIqCIyoGbAC985x2r12OJtqkcY6gV498MPA3iDR/i5rWv6npEllpuoaDYWYleeF3FzCse/Ko545YD6GvbreNQvSoGTRb2jHtUw3ZGTTYhgHHNP/AIc0gHqHboamVWX7xzRGoVV9SP6UrthaVwJYVDMMnNXVUYwOKzoW2sM8dP16VejYsVA5LEAD1J6Y+tICaPjrUoPFQKwO3nlunv8A5zUisOOfagCVFCtn2qxHjbz1qoW5H5VNGxbgckYzj36fnQBYQDnIzTliXrj3qJZOM54AyfpnGfzqbn34OOnf0/WnYB+B6U+OIdT+VRK3APb1/wA/WqsutWNnqtnps15DDqF6JGtrV2AeUIAZCB1OARnHTIpAaY4PpzTm6VEGGOOAMfh6UBt3H+f88UAS8KM1E02M89s9e3rTvvAiuE8ffEqTwHHd3SeGtS1fS9PRJ9S1C2kSNbZTgEoGw0jBSM7cgcigR3BlDY70qspOAMn/AD/iKhh8u6jhmQl45grxt91tpUHjPTqOvrXnWseO/FeieKPDq3Xh3Tz4e1jUv7PXZdO1/DkMVmdT8pXAZiF5UYzQB6YzgrkHI9ahaQFemSGA/E9BStKvl4BJOfmLV4v+0F8TV0Dw35Wka3fWOo2eqW0Ez2ds5gJaVd9u9xsZUYgkkBgRtAIGaAPYWm3YYDKnnIp6vnjvjOP8/WuKvPFWiw/EbxHZxPrdzq9rpa3Fxp8cbm38lHJVoEYjdKS23cuVwprlof2iLO+sfDmoweFNdl0nXpvstld4gUSXR3hIRGWz820/vDhRkjLbaAPWmcjvjnFRMxLAdSa8yk+Okem6H4zn1jRJNL1TwzLDbS6aLtZ0nM4HkYkRcFWMgDcHbtwM1zOufE7xlrHhnxzax6cumiz0WTULTxFb2N1HbnClZIdk4RhJj7rDjH8I6UAewah4gstN1TStPuJmiu9TkkhswsTuGZU3tlgMJ369e1UfDPjTS/GUutQ6Y9w0mk3Rs7pJ4GgKS7A3RgCRyMHuCPWvMrXxh4q0HSvg9FJqVldWfiCe2sbxVstkoV7XKIshY8ADBwAWIzipPCGuf2F4++MVz9gvtTMepWF39k0+IT3Em+1QHYuVz68f3T6UDO98ceNk8HrZrDpOp+I9RvHdIdP0aMNMyoFZnYsVCoNyrn1IGaqeAfiBL46l1uObw/qHh2fSbmO0lg1Bo2dmdQ/8JOCAy9zjIrV8K+Kv+Ek02W+vNI1TQYonaF49ZiEMxjAV2YAO21cA8nj5PauO8B3GtR/DGTWtJ0231DW9cvptY+x6hcG2jZZ5cqWcK3SFY8DFO4HoGoXtrpVrJdXtzBZWseFkuLqZUjUnoCzHAJrz74reOrvw74V0TX/D2pWMmnz6zY211PGiXCTwyzCMhJASB1/2se1cn4w17W9N8bfDa+8d2mnaZoXnX0VybWQzWNvdMiC2aRnA+bhvmICjNeeeOrF9P8H/ABPXR7hoNBufE+nz6MlkPNXz1eJ7p4AuSy5zkjjIb0p2Qj6QvviN4dsG1yOa/b/iSqft+2CUpAflIjLkYMjFlAVSScj1rNk+Kmi2ul6vf3EOoWR02WCCe2u7Py55ZJTiBI0zyWY4GCOe1eU+G9Uu/wDhXvirwP4h8MX2vtbwySR31paziHXopD5u/wAzb8txhh1P3lwKoL8NfGeueG9b03SdS1SbTbC+0/U/Dw8VRmK6E0O5pIGbAYxAbVDMOpOOBRZAe0+HfiJa614l1Dw5eWN5oOvWUK3bWeovGxkt2481HQlXXPB5ODwTmqnj7xjDpOkwW1jqVjb6nqc/2K3uJJ0CW7bd8krnOF2REkA9WKD+IViN4Df4ieMpvEPijw8dK0/+xG0dtHuJ45Wl8ycSSFmiONilVxzk8kVp2/wS8A29rFbr4P0cwRyNII2tw6iRgoLZbnJUL+VFkB5z8BPHHhXwN8OfENne+IbSGz0fxBewl3n8x/JeciFjtJJ384P8RBxVjxH4k/4TH4rfC/UvD/iaUaDfJqcUf2W2UAtHEC5+dNzbgpXn+EcV3Xw5+FOl/Dn+31s47Xy9U1SW/jEVosf2eNguyEDBJC4OOnWrnjP4d2fjS50S5mu77TLvR7h57ebTpgj4dCkiE9MMDt65wM5HSlcDyya48b+KvDPxLsrPxNfnxL4f1uaLTnttluJ4VhjkFqQgAUMCyg9mbNZ1344sPHng7xx43/tbVdH8PxaPDp/+iSv5kMxAacrGx2+bl4odxGQFY8HJPp9x4X/4V2niPxB4dsNV8R6vqc8dxcae1+iCRuF3x71CqVU/XC03wl4BTS/CL6Xqlras2oPPc6hZKoeDfcO0kkajoyqSFBPZadwPI/hl4h1XRfGXjzQNFXRf7TmtdOv9P0R715LONijLMMryzhAGbaAMkcDIrqviLda1d/BHxenik6VBqVxplwoGms7Q8ofKUB8MXz6dc16BpHgXQfDMcQ0rRNPsGjh+zK9vbqjLH97ZuwTt/i65ycVpLbPNzsaRm52nuTnrxyeD+VK4Hn9nHq3j7wPoM+i+JZ/D8rRI81zaWscjzfulBjIlBKlWz2rzn4w+DPFmvLr2iW+kalryS6HbpYatatHAtzcxkmSS7YMuXAHyptwSeMdT9D2sSRk9SDyOgA98epp55BHTPXnApx0A8GuLDxh4k8ZaZquoeEZHstJsw1naPqNuiC+ddrPJg9EX5RgcEk9Kp698JfHXi651O6uL/QjLcyaff2t/dLJJLbSQeWWtlUL8kRkVnJBy2RkHrX0C0QUAAD0HHWszVtROl6bd3y2k1+1tC0yWtogeWUqGO1AepIxwKLgeeah8J9U1C88UwS61ato/ioxvqsQsyLjcIljlWFvM2hZAg+/nb2J61oap8KE1TxNrWqnWbq3t9S0yPSTa20MaNFFGS6MjMD8wYnnHStWLx5H/AMJ1p3ho6deW09/pzajHdTlAm1CgaMhfmLjdyOma6aSeK1tmmmmjhgVcmSVgiKOnJPAFK4HA33wd0nWLHWINWvL7VbnWJoZr68d1hln8kBYUPlhQAuM5FLq/wl8LXl7e3d/p0mqSahFHFeNf3MspmjjIKb1LFSVZRjH9a6nWvEOl6BDHPqmqWOnQy58qS6nVFfGM7STz1HT1Fc9a/FPw/feNNU8NG7RLvT7WG7edlPlYYOzc7cKEUKSSeS59KoC9ZeEdB0W+t7610Wztr23i+zw3Cx5kSIfwBs9Aecelaenafp+nNM9rZ20H2hw03kxLH5jZ6thcse+e561xV58XvC2mw6nK9zfRHT7Vb2azk0+USyWxOFmjR1BMYJwWAwOK0/CPi608V2cl3aWeo6dDuCxHULfyPPUoGWRAOqnPBNQAnw/8Iy+AtFTSk1i51KxhDfZVmgjjMILMSoZAGOSx68V0E3fHLdMdKfJKXO1Exzx7flUnkdM9e9UMopuXhuOwFOIds9OlXJ4leMLjB9RUAxC2DyvrUgNtYcqQ2BuG1h6jr2qyq7pC0hwx5JwOPpj+dNjZWb5SMdqe+F781QCFQeg20nA4qJp+v1qGS4PGOcnFK4E7N6VG1N3c4pkiYG9Sc9xVAIU3SAnkCnPw2RwKWMkpk8E802SgofncuaZu2A470z5sGg5wKBXEdd1NXilkfAxUe6gLku5enenbflqru2tUnmUDB4Q2ee1RwqFjI75qdcFetNwu4EfjTuBYi4jAz2qTPvUXmKqcCmo5bntTHclZiaTbUbP2zTPNHPJ460FE20eopppivu6HNOp3FYOfWo5Pumn7qhmlQfL1JpBYrx4VpCRwBvK+oGf8K8Xg169g8P6X45nWxk0XU9WguLnT/smHtPMYxR3McobJkXClgRg7jXs3mKCwblcFT6kEHP8AOvKf+EB1seFT4EMEDeHhdB4dY8/LJZicSiLyevmAjHoetO4z1qNtpxjj0FOdvm4qNSzfMxJbqSTnn696a0wBIx2pASM9CKCM1WWVmUgDinxy7jjoaAJGyuearyuGYcmrDL8tQADPSgCJvvUj9KdJxntTG/pQO56a1QSMAuWwox9SMd/TFPYn0rD8Za+fCvhPWdaVGkksLSS5jVf4nVTs/wDH8D3qzM1lkeFgIz5LZBVUyMNjjA+70prNOq9JAODjJ/DkHpnbj6Vx3hbXLS38BXmpRzXdwdMSeS/bUFkS4Fwi75t6PnZyOBgcMO1cZ4j8N6hL4R8Pa/Dqd/FrifYHtbW3nKxSXFxKpmMi42ybg+znAVFAHIqbEnr+4s28uzsT949f5Vz/AI88E2HxG0H+yNTnuorMzR3LNayhJHaM5TJKkABsH8K09Z1mLQ9P1DVWw8FjDLd7M5yIwW5+uMV5Z8K/GGpaT4C8TW2oY1rWPDM0txLEswUTRyIblPmJI7yL0/hFID12NfLCAtvKjaWY/McdzwOfwFOjvbZ7yS0SeN7qFEeSBZAXjVshSy9QDg4J64NeM3Hxy8RW1hfXC+DYFjttJh14vJqQYGxckHOF5l44X7ozyc1oeNPihqHhi48cXWnaDp7z6Zo1hqcM08zCW6jlZ0HmlV5KDO1Ryc5yOlQI9jhBx1z3x+OP51cWQLhc+n8s14lc/GLX/D6+I7LXdP0pdatpNOSwW03m3JvH2RiXeQW2EHcRt3ADABrYt/iyfBuveItH8aXlqqaXDb3sGrWVrKi3EMrlQHjG9lYOpBI65GetVYDtPGXxO8MfD1rVfEWsQ6b9pG+MNGXwucF22qSq543Hj3rqFu0uLeOaKVZoZEEiSocq6nowPcH1rzPxBr2j694H1LVdKt49Tn12ybTbMtBsa6kKypEhDDcEUmRmwANoY9hU0Hiix+GOn+GfCsljr2qTQWNtbLc6dpzzx8ARAs4Py8ru+hpDOh1P4nWej69/ZEOmanqssUlrFfXGnRK0dl57HyjIu8M3HLYU7RyeK7CbMilT8p9q+btWmvvAPiD45+IbDUtQkv8ATLa0urdbi4Zogz27DeyDhhGcbc5I2d6TxBpHiXw94L8WXyeMGj06/wDDc2oWOn2eq3NzN58KBmullYA7SpAZQNpyAKVgPpONZIQkYRnkGUj3Erubk4z16+nQVxOvfELxB4fPgSK+0ewgfXr9NN1FYruRxau/mHEZUDeDtByT16gnmvP/AAHoK6X8TdB01b3U7mx8SeCmu76O6vpJPNmjePDks3yYV/4a5rw/qAj+CfwUnmn3GLxdCpkmkJZj586ZLt1xjHNSB9CeH/Gkt94i1Pw3qkMdvqtrEt5HJCf3N5aSNs81VJJBV1KOMnkqe4rU0XxponiCa6t9N1zT72W1G64FtdK/lJzlyATwCCM9Mg15B8XZWtvjB4auRYz6hBH4X1lr23t2xJNbqoxGD1GWwvH97IrgPA3ibTLrxxoNzvk1XTb3wRdab/ZulWkqw2u3y3ForgZLBAQ0jFuecKDTsI+l9L+I3hvXGu/sWswytZ2pvJ5HSSNY7cf8tA7phk46qSD2NZU/xs8PfZdYS3j1G41HTdPk1FdNkspIprmEA/vIVkA3LxyR0Ck14hpvh3xF4k8M+I/Cug6k/irRbjw1jT77VbUwXmnOJIythLLgbgQre42j1rtvAOlweKknNp8NLrwxqy6TcWV/fa6jq5kkjKiGB2YlkL5LHAAUAcZxTsB13hT41/2l4P8AB99PoeoSa94gg861sbdI4xMyRh3mVi21IuThmw3bFOuPj7pUfhfwxrmnaFqmqWeu6gNLjij8lJbefcyFHy3zNlWC7Ttwv3h0rgNB0rx/H4C+HGkT+DLyXTNJjNnq+mtfwQy3TJEFjdjuP7gtywBy3cAYqDw38K/H2l+A/Duif2FpaTaL4r/tpWTUl8p4BJI20DbkArJtAAyMcgUDO3n+NviTyfFsNt4ISDWPC+J9QiuNWQw/ZzH5qmN1Us8jKG+XbjOOa2rr4lTzeLPhotvpli2keKLeaaO6ndjcw/6OJDGvBVRjapPzZ2nGKxj4D8TyeKviReqmlQ23imyis4FkupGkgMcDRb5AsRByGYgDpxUunfCvxDDb/DUSarpUMvg8bWKQSyi8zF5WPvJgeXjnjnNRcDC1L4vePbDwv4u8RNLoMNn4X186bdWUNnIz3MYmijYiQsCvyycYBJPWu2XxBqfjzx54v0DTtYuvD0Ph6G1SJrWKF2kmnjZ97iRWBjG1F2gKCSeQayJvgddal4f8X6PfeJiLTxNqR1K5a309VkgcshZY2aRhtzGnX3rpZfhdbnWE1y31jUtK12SySxvr3TjHGL5VGELxupUMBkBlwQD1ouBjeB/jPq2teA9A1K78I6xreq3KzpO2iwIYDJDMYyxLN8u4gkLXSfFLQdV8afDm8trHUm0B2t/tMq3MKSoQFDeXKTwBuXaSMjAPUfKej8P6TZ+HtIs9M0+D7LY2iLHFEpJOBySSTkknkknJqjffD3w9qmttq19pnn30gQSHz5Fjk2AqitGHCuPmz8w/Oi4ir4T8YrqnhPwxe6w9rpes6zZxyLZu4iMkpRWIRCc+hAHYivPfivDZa9e6LrHhjxGX8Z6bqUVtYWmn6kJUfMqpOjw8gALv3McAbcEgEV6Z4m8G2Pim90aa7WILpl0t9HKLdTKjIwKeU/8AyzG4AkAc7cVoWuh6bpt5PcWunWdtdzHE00FuiPIT2ZlUMfwP4mmBjalpniebxdHe2vii3svD8c8bJpo0pXkKqAGBlLcZwe3evnrVLXXbf4OeKfAN34b1268UDUZbiGaCyeWG9VroTrMJU+U8EqRuzxX1T5IcYH3AMjA4xUcv7vliy44Jxzx2zQM8okt9auPjla+Im8OaoNNk8Mtp8ssnlBknaTzQp+fnA+Un1rlNM+HfjJfhX8PtFGgrbat4b1uO/YTahGqGCOR2AVgzclZSoGMAqT0r6B8vawVgQT0UmkePcVRTluyjk0AeKa78G9V8YeI/iGdQa207SfEsFmtrPa3Je4tZrXiN9uxRgnnbnsK3NB8CeKtT0u9tPHHiSHWPNsJtOi/sy1+zqVlQpJNJnlpmUj/ZHNbun/Fzwfq3i1fDVtrCy6s+8RI1vJ5MrITuWOUjYxBBGFJ6V1u0Djn0560AeVQ/BS7bQvCumXXiy/uT4duY7q1mjtoUy0aCKJdpHCKm4Mp+9u3c4wOm0P4f2uheLte8SQ6jfzXWsFBcwuyC3ZUUCMKoUMCACM5rsHjK25lKFkH8XbOM8mvPfC/xLfxF4h8daZqdtaaOnhu9hthceflWSSISK7M2AhI9OBQI6/VLO11KyuLO6/e29xE0cq5OdjAqwHvg8VFZWUOn2sFtbwrb21vGsUUSfdRVGAoPoAMVia7448P6DFFNqWu6fZW1wnmQtLeLtkUHBYHPIB4zSeIviL4f8Gqn9rXnkO1sbxlhglmZIQSpkfYhKJkH5m44PNC1A3ZrSK8jeGaKOaNxh43QMCexOf6UkNr5MaiFfKjiAASLKqgxxgE46VFZ6lb6naw3VhOl7aXCCWG4gbekqnoVPcGvL/iZcX+n/Ez4Vagmo3kdhc6nPZzWKTlYDut5ArMg+8c7uvfFVYD1OTgkcFj6YqnY6lZ39xdQWt7Dc3FrJ5VxHHKrtC+M7WAPBwQcH1qpf6xDZLEbu9t7ISDObidI+5A6n1BH4V5tpvizXr/xZ490TTNH0qy1XTrqy8uZiXW5WZSpll2hCWEYOFyfmGMmpQHrTSEyLGOSTgD1rO17X4tC0S91OSCe9isrd7hobVN8rBcn5ct2AJ/CvCZPjR4q0/w/8QPFM95Y6t4d8PxNaafNHYCAXd4GCO+7c37pXYDqcknjit3UdZ8Q+GfHXh/RLzWZvEmi+KrC7hlFxDEsttcRwBw8bIi5jYMeDyMiqsB6V4X8TxeM/DWma5ZpJFaalbR3UfnY3KrKGG7HGecfWtpmMan2G7B6gZxk/kfyr5L8A22teFPAPwj8U6Z4h1e4uby+s9LutMmn32c1rJJJGyrD0DKI8g5zwTVnwNHaeLLyy8Q634phsPF9h4imhubG1twNQmkMjRm1ctIWeFoyowE2hF9qLAfSN94o0u0uoLR9RslvLlmWK3+0oJHKnDALnJIPBx0Nc1qvxe8F6HJJb3viG1guIrgWrxoruUmZtoQlVK7i3GCc5r5sudI8M6F8P/E13aQ6dDqmj/EJPs88OzzRALlMBOrBAjMMDg7Se1d/rHizRdZ+JjBLa5m8OeFPMv7SzsbGacapqcgZvMUohBCEkAtxuYnpRYD0/Xvi54a8M3U0F9NdJFbTJbXN5FaO9tZySYwJpQMR9V4HTIzivNviFf3PjP4uTeFL3w7qOqaadDE1rBb3sdqBM0+Gukk3g8DYoYcjBwKiudA1+PQfib4QudB1G6Pii4uLzSr6KPfbhbpE+WaQn900LLxnGccV0lv4V1rSPix4bvoNKe80ex8PJodzfi4iX5/MVxIEY7mA2nn35qtBXY/TPjU+paf4Iv4dGcWPia7ksxJdXf722kj8wfMAp37jCcsMkE81haZ8WviB4g0zxJfWnhvRLaPSZrqyeOXUD5v2iKRQXZyFUxhW3Ek8kVn2nwh8cwW+iaNbT6Fa6Z4f8RPq1ndSGR5J43aVgGUBdpUS7doP49q6O2+Dt5deFfHOg6rq0KW3ibUJdQRrCFkNpI7Kw4ZirqCqjGBxnJpBdnF6x8ZvFU3hD4izaZqtrLd+HBa3VtqQ0sxrdW8uCf3Tt/stg8g+h61sT3/i1da8beHrrxTc3k8vhtNb0/UI4IopLWQtIjogAbKblXHcA/ePWtKT4Ax6hPr0useK9Xv59esYtP1Foo4IY5VTgEIEO0bDt6nHz88iuij+F+myaqupXF7qtzfNpv8AZTym78rzLfoVYRqAemfqTQF2cNompf2z4k+CWtPIz3GpaLexyys2WdmtoJCT/wACBNW/jxqltp+q+CJNZvo9L8MS3F2l1e3FolxbwztEixGZGXaFwXAJzy2e1dvY/CvwxpkGjRx6WHXRh/xLzPLLKbbByBHuY7R7YxjjtXQ31nb3lvJbXEEdzbucvHOodCf93GCfelcZ836xpek6F4c0SPwr4pa3S2ttQgsm8QIlxYapbl4zLbEgLtUscIU7KwHatK803V9e1i8VtEvtLk8YeC7exR4oXaG1uVEmElfPygBl5Jz2Ne/i3iht0hWKMRxgKkSxqqqB0VcjCr9KeW3DOc46Ejk0rgfP+keH7zxD4V1iy/4VpNoOsHRJ9Nu7m6EbSXUjpsEUEjSfNHuJcsewXHNet+DLe9i8GaRDqdk9jqEFnHFPBI6M3mIoUkMhIIyDjPJrozjcM5yOlNc8kk5pAVbVeX7kHsMfpU5biq6t5d0QOjDNTfwmncYNz+VRTYZD9MVJUMxyuB60WArxW3fc30p/k4bLZ/OplXaKfjcvPWqApMNsjNjK9hTFiZlyeuavbdoxgVGy8n0NKwETKzAZxj2pjQu3fip8YpvPrTHYaq4AHpTJGK+lPZtvQ1Ax3ZzQFxvmmmSMeoNNeRV4ppY+lAgZ/l560xd3c5pG+8KTlehoHYeeTnuKftPlls81EOtDMy8dqBjVkcZ5p8bP1qPnd+FWbf5V+YUARGRt2M1L53kqAOSaa0JaQkdM1MsRI5H0p3KsR482MvnDUqx/uSc804xnPA470NDu4BIFMZV2y/ejYED+E8U+O77OCh96srCF6Uj2yyDJHNAEMkxCfL09agjVpGGTUjWfzcMcdxU6xBe4oAYbdcVXNquT8pq41NbpQBUbMPfimN1/CrEkYYCmtGN3WgCBPlU+tESszbsEYqdlVe1EbDmgBJCT0qByQelSsxpGXigCA/N1pjU5vvGmtQB6TI1Yni7Qz4m8L6tpKSCKW8t2iSQ9EcglT+eOPxrYPfmqGvara6Fo17qN6zR2dnE00rIpdlQDLEAdck/hirIPOo/hPb+IrfUtT1uxW21y9lnnghhun8q1LwJFg7SFbOwE5Bxk1V8nxlqml+D5PD9hpU9tp9ikcn9p3bRtDfqgiZigQljGA/ynAyzH0r1FJMRrJ8oyA6/Q9KiVYLYSGNFi3MZGCDHJOS31POam7JOK1z4a2f2e+bQdJsftes3UL6q91cOguIVlMkgx8w+bkbemH9qytY+Gl/Y+KNZn8MWej2Gkarob6XcWwY25efMpSYKsZUYEhXJ5IPtXpccwkwVIORu+U54xnNHmBmK45HX+dTdiPI5vhT4pvtPureW90YfafC0fh5m3zON65xNjy17M3y/SrWtfCHXfEUetRSa1psC6poNtokix20shQRFm80fOuSS7d+OK6jxt8UNH+H8sK6lHfyAxefM9jaNOltDuK+bNx8iZBHqcEiulu9TRdMmvoUa9iSA3CLbsGaRQMjaW9R0pDOC1X4My+J9Q1qfW9YR11LT7S0H2K2ZHt5rd98cyMXfJ3MxK4/Gus8P+E59H1a+1vU78axr97HDDLex2wgXyotwRFXcSM72JO4fezgYq74P8SR+MPCela7bwSQQ6hapcLC+C0eVBCtjjOD2rcPzSKNhBY4Axz9KeqA4nxp8L28aa9puojxPrOjGyhaGCPS5EjA3Eb3yyltzDapIPRR712nhfw/H4W0W202K5u7lIM77i7nM00pZt7yO/8TFiTx61zN54yuNN+Jul+GpLKGOyv9OuL5dQM+1wYigKlNuMZkHJrrri/gsoGmuJoba2QAtJNIqIoJwPmOBjPFSBj2Pw30i28Sazq+69u7zXI/JvoLq6MlvKoQoi7COFVcgD6VW0H4G+CPDuk6lplpom3TtSQRXMUl1K2+IHIhzuyseedowCMDtVXxn401Pw54u8C21i1i+k67qBs55JEZ3/ANSzoyMrBcHbwcGumm8deHLe0ur19esBZ2sqwTzR3CtscnCodh+9x068GmBXtfhb4Qt7iyuI/D1o9xZwG3t5JgZWjhwQyqWY4HzdAOOPSr9v8PfClrZxWsfhvSBaxyNKtv8AY43RXYYZwCuAWCqCepAPpmsjUPGuk6pq3hD7F4ugjjvrubybCECQavtRwYuVyu0rkn1GK4mz8aTafo/xat/FXi3U7a20nVWgg1S2iAuba3aGJ0EQRDtyS2T7nNKwHrGkeGPs3iS/8QXcqSajcQrYQGEFY7W0ViwReOWZmLM2OSMV0Su6L/zzypyFG3Oe3Hr047DmvFr7xifC/wAZpby71m+l8OzeDm1EwTSjZuSZAWVeAHZcderNxXrWgaq2t6bbXi2V1pxmGUtryNY5duM5IXpkfwnntSuI05HJZt5+6CTuPYdc8YwKVo2KhQScnp3NeZ2/xttv+Eq0rS5dFu7XTtV1WfR7HUJp1V2uItwYmAkEREq3zZPA6VZ8L/FmXxZ4ruNM07T7KWws9QudOvA163261ESv+9khaMERu6jDZ43DimB3Ol6laaxHM+n3cN7FDK9vI1u4kCSKcMjEZwQSMjtmr6qy8+2eK+d/GfxE1q8+Dfiu90/TtN8LXGl+Kv7Mvbe13SLKonhDneNvzMzZdsDKjg19E2Iu0tYU1CaG51FUKzSQRsiyN3IBJI9cEkj1qLDMzxJ4i0zwbod3rOsXS2lhbI0ksjKz7cHso5Y49OnetHTbyHVtOs7+Bna3u4UuYjIMNtdQy5HY4IrG+I9r9q+HXiqA4ZZNJuw2cHd+5Yjr/SofhRO178MvBsmOW0e1OFB6CBP0osBS+IHxMl8DxXU8fhvVNdtdOhE2o3Nj5apaRkBs/vMbyFO4qvQc9K7DT7uDVNNs723fdaXUKXETMNpKMoYHHbgiud+J/hLWPGngfU9G0zVf7DmuIXRpXtlk3oVJKFm5jBPUjtWH4R8ZeM9b+G/hHV9N8NadfajeWitexzXv2GGFhhUZFCt8rLhsAYwaLAd3r+sQ+H9HnuJL6ysJWQrBJqMgSIyckD7y5OMd+9cV4L+IFz4p8DeAtcv9f03RrzVph9otzGoW/G908iFWbdncFOeemK50a9ZL8ZtVsfH40+wjl8O20VjDfTA2uH3PdpG7bdzbmAzgMQowBXnWha1o8PwP+GkiXEMk2l+LIhJ8h3pCLmVpCPYIyHI470WEeoaT8aIPC/iz4gaf411xVh0m/gFm32TkW7xFySsSkhASoLtxyMnmuyvvEuh/8LC8NWL6pfLqt5Z3DWVrAZPsN1GVDmRiBtZgigrg5+YcV5ldPHeeLPjdBFaXNwNV0qCK1khtJHFw4tHjeONlUhjvZeP8Kt6DZ6w2ofBW9/sPVpP7Hs5IdT3WxiMLNbLCA4cgEbwTgdvaq0QFT4/eNo9S8GtdafYand6fputW8b6tby7bcypMiyJs3gyLu3IXIxu4Fddqnxa1j/hZGq+EtH8F3WpXNitvPcXFxfxQxm3kkKmRRyWwMHGQeDwMGuD17wD44svhR4j+HVpoUN5vu2ey1sXkUVvJCbgXHzp94PkY4Dc9zXdeH/CXiaD4vX/iq8tNOttPvtMtrJ0jvWkkjkiYtvVdmCMsVwe2DU3GZGqfGzVYPB994003SbG98IWd49vLC0ki3skKyGOS5GPk4YEiMjJHJfPFdb/wtrwdJrsOhjxDbPq07xBbJVldyZF3JnCYHBDc9ua5Gx+COoad4W1vwXDq9rH4L1K5eZVeBje2sUj75bdcHYQSMB+wc5GRmvUrS0hsfLWCBYUjUBY4/lHyjAGcE/dxyT2xTA8p+L2oaj4X8SeA9am0GyvvCGjaikbGCUi6tJrgGBZAuAojXf0XOSVzya7W78dT2fiv+xovCniC6RJAjauLdEshxnduL8qO5Cmqv/Cu3mvFfWPEWpeIbWG7F9bWd8sQhjlB+QvsAeQJ2VmwMCuxjUtk5OS3ryM989/egD5f1DVr7X/gJH8S7K/vY/HNrfl3kjnc5lF35f2IxEhfL8tlG3AHTODxWH481i80b41ePG1ay+2+EI5tK1HXrWBgZkjFuBG+CctEkuxmXr8qj1r6UX4Z+FbbXn1qDRbWK/kn+1NIinaZhj98Yz8gkHZgN3A69atf8IboMd9cXy6Np/265z51ybSMyygkkhmOc5I/i9aAPAfitf2MusLrXhPxXoq3U3h9VGk6hGjafrFsry7YYipJSXkjaORvXNbXhrUtR8L/ABH1jV/E2jajBpfibRNOmtjb2Ul2kDxxFJLNwqkqw3HAPBzzXuEVlawqix2tuoj+5GsKqqkc8ccAn071KWOTgnb64HP1B7+9C0EeK/Dn4H3dh8ONA0vWNd8Q6FNbxztJp+j6iYYwskjOquADlkUquPrW18VvC+talfeA30XTm1FtF1mLUrh5rpI1Eao0ZAYnLSfNn0r07uM9KY2FY45+tO4rs5TWvht4W8Tahb6prHh6y1HUIIlSKa6iWR41UkhV7Agt79K5DUvhHrc3ibxzqtl4gtNK/wCEisoLSLybR3ktPKUoGzvCklGPToWH9016ux3cdKjPQikM8w0P4Jw2eh2Gh6rqy6roFrZS2K6XDYpbxOjjazSHLs79w3HLE9q1/C/wrsfDEljPJqGpa7Npts1pYf2pKjm0gJGY0KquSwGCzbjgdTXahVHU4pG2+uasZxegfCbwz4TvUuNLs5IRbyNNawzXMkkNrI2dzQRsSsZIOMqoIyTxV9fBOgW/iFvEMehaeNdK7TqX2ZfPII6lyMkgcdTXQNVaaQhgtQBSt9NsLBWFrY21sxIIaCFU+bsThRnj8albHCgnaePmOcfmaJlPUGmeWWQnNO4hXk2Lgng1VeREz0olYkAe9RzLGy5PWmO4m7PIpOrZJzTYSDxSt8vSpAWTDDOKg/iFS/w1Dg+lUA5tvrURpzdKYvoaLAI350i/dNKwpF+7UgN9KSRhjpSfjUVxJtUhfvUCKV4375dhORycU5bwtxtOKijzLJjOTnkirrQrkAjj2p2GRSTfKO1RyNswSenWpriEPHtXgjpUIjdlVWH1P0qgLStuAIpcH0psfFPkwe5oAiZqP4aVl4pKAEZeKgkbb0qVmNQvQUR8nnNQyNwakkbatVGfB9QaCSN2yc01p9o4pJO9R7c80DsSxy7m5NP3Ang1Aqj6U77tAyRmOaXO4iotxanrTsA8jb0qWMkcnpUTE8CnqTgcUgLCmnbjxUa9BnipNw54+71p2HcdnNJk+lINxxhSMnjjrQsis20OC2M4zzTK0F+pxQxODx0rM1zxNpXhnY+qX8Nk0gPlrJkvIB1wq8kDue1QzeKtGj8Ptrg1C3m0gRlxdwPuVvmxgH1zx65460rsVzVzu6c01iBjJxnpXNQ+PrG51K3s7iz1PTmuo5JopNStSkToi7iQ247SFJO0gHHYVkTfFRYdDHiGbR7keEmO59VSdXlSEnaZ2g4Ji9gc45xTGd6vy4J6VFNLtz2Ga4+68aXuseKrrQvDrWZaztobi91C8LyxKJMsiKilSx285JxjkDFVLjxRq8baRpd/BBY63qOpzW3mWq74fIjVpC6Z5O5BGOeckjrTA7np14pCpPK88449fSvPtA1K/wDiBq3iGWPWL7SLGxv5NOt7fTHjUs0YVWlcspySxOB0xxgnmsLV7zUPCnjnwdHrGo6lqcN1pdzBPHZ+dLHJcR7AkhgTqWUknsCTQB65KrR8SKU4z8wxVaO4jkZ/KkWQI5R9jA7WHUH0PtXk/wANtZsdD1T4gNILixsrbVVljW+jkR44pYkKIFb5hlt2APXit7xBr0Oj+JfDGu6dOLnS9aZ7G7a2LFbjMLSW8oJ538FA3UBsdqAO+L8nmmlienNZOh+IYfEdrNPBDdQmCV4ZYbuExOrqoP3T25GPYitEZyecikA5lpjfKKViaZ96gD0Vs81zvxCBbwH4jRvuf2bdZGOn7o8/nXSfjWfrOmQa7pd7p9yziG7ia3doztYKylSQelaPQg8QXxd41ul/4R3TdQF7q1u806XcvlRrJGkFrIsUm5eYw08u4Y3EKvNZniDxJ4tuNJ1lrzxD5+lag2s6YtqltFGbcQRPKjq4GST5TIec7WHQ5Y+mXXwZ8PXTRO9xrBkW5W5+0LdhJceWsLR7lUEq8aKrKSRhRg5rK8H+BoNRuPE1xqsOpRpJqOoJBaXWUgEU4CNJGpXOXRcZyQPxpXFY5z/hJvEGmeLvDemQa7c3tvI1rZSr5SGOES2ruHlyo3TGQKygdFAz1qH4f+NPEVmNH1HVtU1TxRa6not3eSabHBG0gkguo4x5KoBlir85PNdhH8CfDUdxbTRy6qHgkgmUHUXCtLEMI7YAySvytjjGAK1fDvwt0bw3d6XdWs2oSyabHNFbfabkyCNJG3SAjHOTz+AqRFDxFqSeJvBM9pFpd1pep+Io30uOzv7dYbhVO5ZJHUZyiIXkPscdWFaEesXWm39joNp4c1a+0tbdYF1eN4xboojYANlsk8Y470/xX8L/AA/44vrW61eK6lktovIjFveyW6qrNktiMjJ6A89Avoa6HTdFtdO0eHS7OL7PZxwLbxxhjnYBgDd97p3JJ9SagD5++BPiKPU/CN1Jq19daLeaHoO20ihd/LFmUkJvVjBIkffvXGPl2KDk81kyXU6+GfiLpz3V1ZWU3hG11W1hk1BpJZHHmHzXwT+8cKGZVJGCOc173p/wb8F6cLEwaDGDYRNbW5mnmkZYnLM0fLEFTubOeMmpdO+DfgfTo5IYPCelLG0f2Yq0AbdGWDkMT1GeMeg96dwPL9U+FnhiPx58OtIvYLi70jUrPULm9hvb6RvPkMMB3M5YE5YZwOM1m+BfO03WPAula5It54L+2a3ZaXLqj5t5Cj7bbczMQfk3hGPHI7ivoS68E+HtQ0u00280PT73T7Ig21vcWyusWM/cznb8pIz3yOOK05dA06801dOutPtLuxVURbSWFZIBsOUwjcAKOBgAccUXA+UPEdvf6b4T0220PVodLji+IN2vhu5uCpSODy3UMoJ4RZC2COxFdu3inw14p+Fnh3TodSbwJrej6osbPGRIdMv40kDyTF/vxSN5gMh6lwTg19Dw6faKsKLaW+yFQkKrGFEagYCqMfKAParnlxorLHEm1sZXaAD9R+J/KouB84W+ranqGk/Cy/1vT4UvbLxbM091plnI0E1v+9VrsKo4jdnDYHBzkcVf12z1C+tfj/p0Gl6nNLrDItjHHYSgXcn2VYSFO3BxIoBb0Ge9fQ8cj9FcgYK8YHy9xgjufSnKNvT+X+TRcD5n8b/D7xB4+8ReCL3TtN1zTbjSfDaot5LZFUhvkeOSOOSNyN6kowbtk19D+A9Y1fXNBsrjxHoU2gasEC3lm0kcil8fNsZCflPUDt0rXjHXn+dWVztHPakB89Xfwq+Imoa1YX9zp+iT6vpvib+1DrVxfEteWuXEcaIqlo0RWAKbhuIzgdT1DfB/VtY+IOj+I9St9I07U9K1KS8OvabKwub22+cR27xLGq5wyBmLHKrjGa9fVQ3U1MqincDyNvgbqGqeEfHuhalrFpGniXVv7Xt5LWBmNpIXRsHccOB5a/3c88CvWNEtb200m2h1HUP7Uv1X/SLzyhEszbsnCZOwY4AyfTJqwtSLSAq6xpX9uaNe6e1zJZpeQtC8sAG9VYBWA3BhyN351y+pfDG1X4Wy+C7aS/v7Fbdbe1Sa8WGRFUjYrSxqnAIGevG4dxXaqTUm6gDjIvhTodxDpr6klxqeoWunw2MszXc0cd0sagHegYAkkZyRn1rt44o4I1hiWNIY1CosSbFAHQAdh7UzA3ZqZgBHwRQBBdabZaiYWvbO3ufLOUM0Ky7D6rnkfhVmNRHGFRVVFz8iDjkYJH4cetRBiakibaCCetAhrM5b5naQng8/4inRqsakYP500qcnA4o3FetJq4DLldygdR1pi/kOtNkYs/XjNKrEjFFhiswPbNRtSjoaae1MBjL3PNAbC4pGam9aAGs1Nan7aSgCJlH0qOpmXd1qNuOKAGNUUlStTGoAib7tRtjsc0s7fLgVWKELnJoAkY1GzbelVt5G4EnOakhzj5uadxCeeWbFNlXcd1TNgDgCopGO2kMhfoKYOmKduHc4/Go2kRc96AGSIvpVaSDd34qaSTIyOlRluKdwI0QR9qUqM0kkwUe9QNdYBBHNICSTrUUjcccVE0xyKRn+WncB3mDbzURfoe1Rvll4NCZ2gHrii4D/ADBnr+tBbcOOaqsu1m+X9adGxjgLGkBKwKjOKpzSbpPfGKdJcOYzKpG3nOT+dEbrIqyEfM1ABDGqLwMHNSsTu6UL+lLuABORgcmqATml/h6UgY7m9s5/AZ/lzTicJn1//WaYEa/TFLtP+RSszKcMMYGTn8v6USzxw+WJJYomlbYiyOFLt6KD1PsKAGyEKuc/Wo6zpPFGjx6/Do0mq2qaxKMpZNNmVgF3cL1+7z9K02O5ifb60AMaqs0i89alZiarzLQO5FIx25BwKqMxqSSYbSuOnFV2Y+vFAgY/KfWmBtpxRnkc0j/MRigodk04fNUSsc4qVTQA9aetNFO6U7gLnofSnIxbJHOOtMOSKr3UL3EMqJI8LsjKJEVWZCVwGG4EUgLbSbW2kMcc9K888O3l18RdU8RXV3qmo6fY6fqU2mWdvp1y1uYjFtVpmIB3sWJIB4A4rQk+HFzdWMVvfeL/ABJdNHIZTcW92lszEgLtIjjGVGMgHgEntWfp/hHXfBPiDVrrw9FY6ro2rTfbpbLUJ2gktbnAEjrhGDhgAccHPencDD1GG48G/EHwa19c6hrbXGl3NtKLVXlM08WwJP5e7bu2kj0xmn/DPV9M8N6x8Rrh7GXSII9UjlS2ktj5mySBGCbFJY87iAPWt3VvBevalrHhjUW1OxS60mWaWQyQu/meauxo0+bCoqgYYnJPvVqHwnf6Pr3iHxNZTJqN9qEUezSZIkSNpYl2wt5hPUDgk9cc0XAzfDevQa58aNUuork3MUmgW9zpdwclfK3sszAY67yAc8gDmvPviVa32j+JvGyaekn/AAj9rquj67fW0aFlTIzcMFHcjY5x1xnHNetaL4Jh1HRdK/tOwl0jU9PkZre6tLzF1DklmYSIASGJOU5GTxXS6J4YsfDtvLDaRORO7SXEk0nmS3DsMEu7ZJJXjn5e1UVYytcuNO1zQRAl3DN/a0Dw2VxG/mgtJGy71PXBDct7n1Fed6Lr1nZ/Bm68LaswtvEdppkukzaRIMTSTeUUQpH1dWOxg2MHk16hpvhDQ/Dly9xpWkWWnXD/AH5LWBUJz1xwevtV+4hVnWTbH5keNjMu5gcYHOM4x+VAzxrwj4Z1P4V6vBfXNrealp+p6VZ2t01hC08tldwJty0agl0KkjI4Fbniq4u7y68OeLVsbiz07SNQ2y+eCs32SZfLeR1PK4k2HnoAfSvRdoQcAp+O6l5bdu2uCu0hvmBB/hwex7jp6UXA4S28Maz4L8SazfaFBY6ro+tXIvprWa5Nu1tcbVV3jba6ujbd20YPNP1fwjr+sal4Z1I3+nw3ek3M10++N3UiRPLaFF9Au3DZPTOK7a1s4be3WG3iiiiQYVY1KhQOgA7D2p7ZouBxo8J3eleKte8Rx3bXn9pQwxPp1vCqOBEu1dkrMPmwT94DJArK0nwfqAs/CWm3kbC20ud71pZWXzECiRIIyUJBcJJyRx8tehmk5pgc74X8O3Gk3WrXFyIIWvp0mNvbSPJGjhcNIC/O5sLkDgVvtndycn1p/PrTH7VIA3SkZcKDSNSFuAKAPRH7VC2afmmSAt0NaSIImJprds05uhPYDmmckkYqQELflTGY7hjp3qRgvpUR+Y4HFRcVh6sN3FTK23GKg8vbn9amTOM0hEyy1NG3TNVxg98f5/8Arj86sxqOjdhkn0FAFqGrEdRRxFehzViNeuetAEq/Lipl5xUMa7jUycE1A7EidanVajVanUjA4oEPjWph9aiWpE60ASqvrUi1GzU9G96AJV6Gnx1GrYp26gCXd6Uu6o0bmnhctmgB61KqFh1pqLSjIf2oAftKjFC9aNx78ilEq/iKAH/jTGpN+c03dQAx15FMJK06RqjZjQAuetMYijPvTCDQArdKbkYPY0bivWmdc80AO3babuHrSZx1aombk0CHs3zUx+tRtIB3ppmyuc9KAFZuTUcjU03ANRtJvyBxQA1pNzUxgdpwaXbgnPbk/lmlK4Yg8EUDKq25ZmJNIEZV61ZprAetAiszPjsahmmO2rLEelV7lQo+YY+tAFV03x5BOTUMahchiTxipRu3Y/h/+vSFcE80DKU0jRnC/rS7iYxzzip2QNzjgZJPbjrTWiww7f5/+saAKbhxIpOcUsgBUEHOaydS8ZaZpnjDSvDcpn/tTVEke32wt5ZCJvIZ+h4U4A5GRWy0YP3fmUnAPrTsBTZW3A9qJH28fhT1u7Zp3hWeBriMAvCsgMiA9yuciuXi+JHhW+1iDT7XxHp1xfTSNFDHDMHLELubGDzgelIR0EhkjIUD73A981G1w27bjDDAP1PSuOuviBoPjbT9Q0XSNSure+uNNnurSSJJLczRr8pkglIw4DbCSM8E1yPwt+M1pqGj+CdI1HT9WhvdS0+K2tdYuIv9GvblIgXiRiwbcSGwzcHtTsPQ9dhuFn2yK4kRhwynIODg8/UH8qJAGUru2iuC+HHjTw+vhS5uXgg8H2Ntqd1ZPa310qhZlYsx3McEnLHAPr2rK8UfF5rLxnaaTb6pp1jZXMNrcWk13Ez2+pq74kVJw2wEAYUZ5JxSA29e+JWj+H9P1KS5N84tL5NNdltXKrM+FTJIxs+cfN04rY8W+JB4F8I6prUlhLqC6fbGeS3gZEZgMc5Jxgcn6A15J8SfEGr6p4P+L2lapdQ3C6LNZXFnsiClYT5Uv1J+XBJ7gmtjw7rbfErwL451G5vL19Sntr23n0SadsaU3lPsjKEgZIUSb+jFmxTsI9dstTS8sbe8JWKKeNZF3sBwwyOen/6q5jxN4k1i1+I2g+HrF7O2try0mv5Zrm3MsjGGSJTGAGCgFX6kE15l4c1Kw8SeJfA2m+KUim0LUPB8T2a3p/cvc/IJ8EkEP5XGeTgZ65qt8PW1KPUPhdNqNzNdQpNrOlW09w5keSAHdC2/v8kSnJ69aoZ6Bq2teMdF8ceHla60y40XVb97L+yBB++SNY2dZxMeSQF3FcYy2K67xRp95rWkva2GpTaU07ost7AcTLb5+cIexY4XI9684+KGn6L461KOw0+1uv8AhOdLvLdrS8Szlj+z4kVnYy7NjRbN2eeScV3OueI9Ys21eHTvDd5f3ENqlxZz+bFHFcyv8pjycbdo5YnqMYoA5/4aQ6roOv8Ai/RLrWLzV9J0+5t2sbm/k82eIvFumiL/AMYXMfXn5uetY+uaPB42+J3jjR9UhE8VnoVnHZqRkw+YsrmSPn5X3hfm6/Ivoa0vAP8AwmqRzQ3nh+z0VPJkla4ub7z5rq8Ygh5NgGFDFmwD0AHart94L1i81Ky8QwXFjYeIZtMGm6nC8by2koJDBkw2cxvuKk9mwaAOT0zxFceI/BHwd8R6k3nXzarbRT3HLM5kimhZuRk7mwa9o34XBXH615L480S08IfDfw54csPtV3eWd5Yy2kMcEkjStFcIXdmUEKcbz+depzvsY4JIzwT1NTcBGPU9Kp3DHJ54qSSb5apySZ6nFUBC1QsxqVjUD5duDigAoVWPSpAojXJ5pA+77vFBQIvPPWnqo3HmoyQvfmmeZjpzQBb+70oXvVYTHbUsUwC8jmgCwv3aTuKj87g80ize9AFjdjryKRmB6DFR+YG6HNRtJ2oAmbbtpI+x9DUSsWq3CBjpTsBKrq3Pepdw29artGf4aibfGwzyKZY933NgUGMt2pA6rzRJP8vy1QDGjPpSMm1RTWuD+NAcstSA7PA7UNnjvTV460rNQAjLUbUrMajZqdwD8ajLcmnfe61GQcn5qQATubmkakag/dFAHoP45qObPlsFTzG2thd205xgYPbp+tTFNtNVQrBmPy859uM/yq5Mg8m0H4+WPiKKRl0LVI78LFKlmipM8kTTGJpVI6BHBBB7YNeo7TGnC4UccDAr5Vh8J29l8GrzxemoTS6h9oWzg2lRHbRpqZk2qAOSdxY7jyDW1qWnzeGf+FnWtzdXmm6doPm3VrewuGcxXgidYl5wAAjr7eZwRjFIVz6LbzNxXY24dRjmmqWTlkbrgcdT6V8jaXezeINC8L6fNez+V/wlGpWTQ2d+4Ai8gyJCJA2WUEjHboKzPCN9qEPh67J1bULmTUPAFzcStcXcjEzRTsI2GG+TaqYGPSlyolyZ9beLfEg8J+Hr7Wm0681KO1jEv2axTfM+W2nYp9Op/GtZbwx6fLeGCUeXEZPJ24k4Tds44B7V8XahqN3pvhjxVa6dql9NbXng7T9aeZrmSSSO+DIN4YtwzKxGO+D3rroLi4sfi3Zvqif2po2s2SxW17HId1lKNPO6GRM8xlGZ+epO/Oc0rID2XS/jglzr3hfSbvw7qGnXOvWE96iXbhWt2hD7opEPIJwMH/aB7V2ngfxVP4q8L6drF7pVx4fuJldn07UT++gAdlJP12k/hXyV8P5EvX+CLXjm5MlrrNsyzNv34DAgknPAOPwrM0G303VvBfwSt9ReO5gbWdRs7lGfBeMyBgjEdRkg89N2KLID7whnMsatvVlYZDKwIPvnvVqGTjrXhP7IV/53wWtYTN5xsdRu4R8+7ygHJVfpjoD2r3CJgrbcdOKljL8VSL1qGI5Wpo+vPIqB3LCsakVqi59KctAiyp6VIG5FQx1LQBJup8ZqFaetAE4O6l2ntTFqRe1AEi9KkVqipRx1+lAFhXqVfmqsHC4yMVIsnB7UASsp9ajKhec80oYnAPWmup3AY5oAVWPNMYnd1qRVJUbRncMjHeoGmCqzEqEVS7M/ACjqc+nI596BD2pv401fmwwIIbkbTkEeoofKtjvjP4DqaBiNJgHjp1pN1c1D8QNJvm8QpZPNfz+Hx/pkMNs5kVirNtQEfOTtI4/CtnT7walY2tzFFLGLiNJRDKu2RdwBCsvZuRkUCLTU1vlUmm7XJYBGJXGeOmelVbrUILNQ89xFbRk4DTSqik+gyetIBZJOVxznge/OP5iostL91sjtj6Zrkdc+KGgaJ46sPDF9qFvFqV3btcfvZVUJgqERhnqwJC+wzXE/ELxRexfBzxnq+geNf7VvNOunf7ZYJEphj8xc2xYA7tqvnd1JyKa1A9iaLuSaettIyDbGzBuhCnnnH86SyuDc2sU+7dujVtwGfmIBrwr4y/Ce3k8P6vqt1rmtXevapfR29qg1CVLeF551SNFiU4wiHr0yDQB7c0e3pTF4znjv/Wq91f6fo6w2lxqFpaMqLDElzcIrkKMDCk5JOK8m1r4u+If+EX8R+K9CttLuNA0K9ltpNPuI3M93FA6rPKsisBHzlgMHIXnrQM9G03xto+ta7q+i2Vy02oaUqNeQmN0EW/cBjcMMTsPTjmtuRjz2xkk9B9a+afFHxMTRfjBqEthctpL+LNE0j7Jq1xGPKsd7OvmynaQTjCAHCk8dMV1Xxgk8R+Hv7KdDr/iHQYrKYX0mk3wg1KCbI23e1NpkVBgBfugk5Ap2Ee1MrrnPG04OexPQUyTjg9a8E8P6ppXxa+I0eg6nJLrGgN4WtbjR1mDQmYuSJ5woP+tBwOp27TVv4W6h8Rr74b6fFpc+k3K29xeWkeoa60zSSW8czJCy+WfmGATuPUbT3oGbnx2+JmofD/w2X0NUl1bKTySuodba1EqI8hB7ln2Ad/mx9016KZUkYhcBSCcLgYXqT6flXg3xo+Hvj++8J+PL46ppV3b39qjPZW2nyyXTrEqhIYssMLncQMEnc3U12tv8P/EGsaPoz33j3W7SWO2h86HTFit4535bc2VyMAhSO+DQBzmofE6HxJo/xNh1zwxqk2iaPLLbyLDhZXhWKMsG+YMG5dwQOEKjrXRad8TNvi7wloZ0k2mma9Yi4sNQlu8h8RBzAFK8SgepwwGc5rnL7wn4ltte+Kdjb6J9u0nxLF9otbo3UaqJGtPJKbWIJO/k7scDIrJ8a+HzdfBDQfD2t3EOk+NLSC2j0uO3ule4+1x7YUeMg5wRnJ6BS2fumnZCN7UPid4il8N6Tq4g03SrS/luh/ae17lVSPK26xxEqzySldw25wpqTw58crG4+H/h3WtftrmLUdVgkLW+mWM9yPMQlH4UNsGegJyDxWn4g+Glzdf8Ii+i65/Ys3h1TDGzWi3EckZjER+QkfNgAgk9SeKtfDHwGPhh4fl0iHVrzVoPtEk6NdJGmzcS2wKowRzyfWmMw/iRcBvGvwo1BPkVtXmh3SIVOJrN9oIPIOV71v6x4i8Rw+Jba1sPC8d7pLNH5uqzanHAVViN+I9pbKjvkZqx4s8C6T4wbTf7TN2yadP9ot1t7l4VSQEYfap5ONwz71rfO1wCB82dwb09c56896m4HyxZ+I9EsfHvg/VIb23jtV1zU9OlWc774mUSKz3LgByGcYVD93FdD4P8YeGtW8c3mtqPtFrprJoWgafBA5dYtyrPcEAYAbPBY/dQ17bJomm29xLdW+nWcV3PIs8sqwKC0g+6xx3zk596lKtCo2OQnHyE5/wp3A+e/Aun69/wnPg/VT4X1a2EEN5pmpwyxi3tbRXZTGsKbhmJAvD4O7PrXQeE/BmuS+H/AAZ4b1fS/sMXhnUReSah58ciXAiaUxCMZLHd5gB3AYAPHIr2U4bfuBBAz/8AXNVYyNy5GRmlcmxxfgv4ez2r+JI/EunaXqNje61NrFlESZ9hfbuDKyhc8dR6mpfGHwlHiu3udM/tCK28OXVtHbS6YLFHEexj+8hfevlsQccAkbc136/NgKc+gFODZXjkdKRRwGp/CTTdY1LxJdXep6mYtft47S9t0dAvloCFCkKD90lcnn5vaprH4Q+HLPUGv1tria+ksvsEs8l7LulhClNj4YA8eoPHeu2255xSrVAYEPgHw3a6PDpMeh2DaZC/mRWslurxxt/eUMPlP0/OqfizwQfEH9hz2F8dGvdGumuraSO3SVf9U0fl7GOAMGuram0WAjhWZYFjll85wqqzsuAxA+9gcKT6A4FP575I9zTjIuKY0ntUjsSKo20bR6VH546Uobd0FUFh4kMedpx6ZbgetZd5cfMCDn3q5ctsUk8DFZE0m7jFFgsDzbhmoGO6jJ/yKTBphYG4WoR1FTeWzdTxQyYFAWGO+VxUHmbKkkqFl3Ln0qbjFMm5j9KZupVXvT+PSqFcarbqf83bpR8u3ninqRt4PFAxN7DtT0bd1pjkbabHIM8GgCwI9vINNb71LvxjJAyOKryS/vcd+tAFxO1WIH+brVFZDkDvnH4+lTBmjG5lKjOMke2f5A1QGjuxzVd5NzH606OTeuO9MkUceuaCyOSMlgQeKQ+lStzjHNMkYMwx1qgIinc9aVm2gU+QHdjqaawH+fzpAETk5zSM24/ShvlU/kai3YbmgBWfr/nvio2bbkngVyOveINavvF15oGhXNrps9nYJeT3d5A0+XdiI0ChgAuE5bBI71l+LvE2peHdQ8GT3t8NOtrqZ7fU4bdFeNpBAXG07d2CwP4YoA9BDEZJ6D/P9D+VL8rDdkYPevNPAXjCG4uPHFzeaxPdadp+o7oJbtn/AHULRR7FUEBsZLY4rutL1q21q1+12k3mRB2iLSRtG6uPvBlbBH480AaJ2rwetMb2pCOOhGOx60zdSA9FZqikUMMnbg8Hjvjj9KWRu1MbMmFY7VwNx9snn9MVb1IMmXwvpL2Mli2l2ZspG3NatboycHOduMZzznrRNo9hew3FvNY2txHcAJPE0SukqqBhWDLyADx9K5v4c+NLXxnbalqUOopdS/aCv2BNoW0jDMsIIxklgpkJ6ZyO1U76+8R+L4dYXw/qkWlLFqL2Ec80Cz7VhXLNtOFLvKwXJ+4kY9aQrG03gHww0aZ8OaTgSGaPFmigPhVLDjggLj6VkeIvhbolx4b1e00LQ9KsNVnsJ7G2mW3WMJ5isNuQMgZbP41t+CPEE3ibwfomrXkKW91eW0csyRghC/RyoPIB+8PasXR/Hsl78Tte8NTJ5VtbW8b2UuP9YykLcgHuVaWL6YNSEiLwH8LtH8O+CLXRb/RdLd5baKHUvLiDx3jJhQWyBvzjd8w6k10dv4J8OW1wtwugaatyYzb+ZHbJu2FAhQHH9wEdBgcVkyfFTwfBevZy+JdPW8R5EMHmkMHjyXXdtwCMNx3waV/Gui6w/hy6sPFFqltd3pSNI1B/tAIjboOfmTBw3TI2Y70rEm9a+BfDNvCoi8P6RGI+V2WUahc9cccfhV6HwnoUW3boemqsbblJs48K/HOAOD9PQVz+ifFbwtr2txaVY6/Z3upyFxHFGWbeyZDIGPGeCcegzWrp/j/QNQ15dIg1NJNQbeiRyRuFmZOHSOUjY7L3VScVAzo7GwtdLhaK2t4LNN29kgjCLnATkDjPvVuP7wwMCsHxFb6ne6X9m0jUDpd7LIkbXvl73gh5LyRr/f2/KB6kntXNfCS+8QR6p4u8O69qj+IBo93BHbapMAsssc0KyGOUjgsm5enPI9aYHp8bE428+w+mf5c1Or/KD0FeS/GXxZdaXL4U0dLLVb231bU0ivDp0e1pIgHYwrJuUq7FQcAg7c8kcVHafE7w/wDC+xh0e8u9Z1DTbK4Fpcatesk32N5CGWOU5DsEDKvCkJkZNFhHsyt8qnsRxSrKsjGMFd68ldwyB615Bqn7RGnaPda6G8Oa3Pb6LeLb6lepFGI7ZSExITuDOPm4AGdvOK2ZNT0HXfijqWgXWhTG/l0Hc+oTybori0Mm0xKAxYfM7Hp1AosM9Ihv7ebasNxFKzqXURuG3KDgkY6jPGasxvtyG4PcGvm/wr51l+yzpWvaYPL1vw3a3F5Yyqo+9HcP5kTDoVdA4YH5Tle4xXTePPj1qHhnQn1zTtKsU0QadBqEcmqTMh1EyjeYIAuPmReWZgeetFgPbWYLyTjAyc1Ln37Z/IZNeKeNPjVd6X4qtdKsb3T9De602G+0uTW4H8vU3kG5oll3KiMoKjJHJY+lL4p+JPjTV9e8TaX4JspRcaG8USRfZ4ZIbmd0WQpNJI4Ma44Gzk85FSB7V5qo+zcN+3ftzztzjP0zT/MIQk8AdTXhGkt4guPj5qU11rE1ox8Kw3v2ACI20O5yHiOF5jWTL5DBz/ePSqfgPxv4jf4heDrO41zUNW03XLC9S6vzs+yzXESbvNs1KAqi5wDtwwAOD1oA+iYySvT/AD/kH8qGWby3MCb5WU+WrEqjuFyAcc49TXyVc3Ovx/CW/wDFU3jDX5da0XxHJYrN9vbb5Au1hYMvRyRJ3BxnjFen6H4dj0H4z+JfCcdzfXWh6n4cjvpra4vZZczi4eNpAWbIYjk4oYHq+i3d5/Y9lJrK2dpqMybJ1tpt0RfGSqMevQ+/FWbPXNOvLN72DULSexj3mS6guEkiTZy2XBwMd/SvlOxsdJ1z4T/BO61NLeZ4fEK6bcSXMmfMhaedWVs/w7lXOTnkVoeKbee3/wCF2eHvC0Ue5bjTdSXSdPK7pIQim5Eag5z8pBVR14pgfSWg+NtG8SXlxb6Vq1rqFzCu6W3hkO9VzjftPVSejDg9qsa3b3Go6XdWlnefYJ5U2C5RAzxZ+8VU/LnaGwT0JGK8pmvLD4h/EnwNr3hW94t7K9S/urVP+PWJ4gsUTjp5iuxIQ9Np9K7HTdI1fwPaahqOo+Idc8ZYhULYi3hQp83zGFI8fN7E9KQHPfCfVPL8f+NdGtPF9z4n0WyS3eOPUbxbmeG4IYy4brsA2jjjccV2/jDw/pXiTTBHrdvNfadbyfaZbGIM6TkKdu+NfmkxyQo6nGa5XQ/D8Wv/ABNtPGFvot7oMEemyWE4uoVt5rxnkRgGjHI8sKcP3O3ng1JoPjvxXrmiXskPhG2XVLHVGsriyfUwkTRqu4Sxy4YE5KqR2IYdQaVwOe/Z/wDE3h3TfBevww6g2l2WnatcPJp2qHyW0mJ3AiicuehA3em5torofFXxUsGi0Ww8M6np2pajrmqLpkNxBIs8Fqwj82SRgpIZgigBSepq/wCH/AyNeeI9S12ysp5/EE0D3WnsongVYU2RA7uHbAJY4AzggVX8dfCXS/Feh2NpprJ4Yv8AT7tL+wvNOt0AgnBxlkG0MCOCM9KLgec6L/b+k+PvjJBFrKTaz/Zlle2+oCzRXJEE2zMf3QwC7eOSeajk8T+IvFEXwZuH8T31ha+JrKSPUUtNoM0wti5bIQ8nDctnbgMuDXa6X8Jby08Ra3rup+Lb+/1LV9OXTrlrW2it4ioBAIXDYwpIHucVJZ/BLRbGw8MWf9o6tcJ4Zy+mFrsRiNueu1FOMHb9DTEeO6zpWoyeA/iuZvEOuz3ngy/kOiSSX8m+3ChZVJIO2QksVy2Rj+7V7xhqWm+LviZPpPi7WbTRtP1Dw7Z3Onm8gjaGRZAftHlSSkiNwSG3AZ969hf4T+F1fW0exlvU1uTfqS3lzLILpgcguNw7/pWldeCfD99YWOn3ejWN/ZWbZtYLqATCDv8AKWOQeOxPSncDwoz6N4N8f/DDUxd3k+iXGiXulQX19E0k9wUdTCx2j5iw+4D822q0jQX3gT496BZxySvc39zLZwW0TsJjLHGAEwOfnVgcdAM19H3Fsm2JVRNkZBjAQYUgYGAR8vHpTTIAoxyueN2MH6jHapTsBwth4NPjLS9B1ebXfFGiP9gtY5dNtrt7NCyAEh42TdndkHPBFbnirRrzXPE3hHCk6TY3cuo3ciuq4kWJkgG3v80hbjoVro33FNyj5R1OMdOtN3HHPGKYHPax4B8Na7rEesajoGnX+qKEAu57cM/yfdBz0x2NcI3wavrePxRo1hrq2/hXxJcSXF5ZS22+4haTAn8mQMFVXAAwRxXrDk7iO9MXv700B5t4g+BWleJNcvb28v5msLrSV0RtLSCJIhbLkx/NhjvDlmDADHFWLT4OaZa2Gn276tr119gt2sYbiW/Pm/Z2Klo3Kqu4fKBj0r0AMG5BBHSllDRx8o2PpRcDlLr4aeFtQ07S7O70Gzkt9LjEViNhDWqAYwrA5xxnqc55retbOGxto7WGJLe1hQRpFCqokaf3VUdKfNfQWtrJcyzRRWyDLzO4CIO+T0FZdn4v0TUtVn0yz1eyvdQgUPJaQXCPIqnGCVBzjkc+4qRvQ1JH2KxPZTu28jr+tMuHI5cHJ5yRjPvXLP8AFLw5NrVtpUerYurm4NrbTGOQW88yZzHFNjYX4IwCeQa848DeM5/Dc3inS5f7Q8Q3y+K57OyhaZJJ2jMSOC7MeI0HUjjketFgPZ+GHXr0rlry68KXGuRX1xJpk2qafN9gW6cI09o7jd5PmEfIX6gHvkCuevPilJL4pvNB07S4byewe1W+gN6EuVWbbl4otpDhQwy2R904pfDOrW3jLxJ8QPDmraJY2lvbXUMNx5BLG7SeDiSQnlmKBfmONuMDmqsI9BbCqeB8vBKjiom9R/njP8iK+cdB+InjGbSfAmlQ6zHaO+t3nhu/vJLVZZn8hX8uTe5OflVOcdeufuivrGteLrPwn411C58X6ld3vgvWRbWzNsiWeIPDLm4Uf60lZcc4xV2YH0fI5Zdy+nHvXHTeOtMvLjxDpVjrFjZaxpsHzyXTx7IpGQkNtJyQnG70JGa8j8bLbeOvH3jfT9Z8T2/h9tLe2ksppFP2q3t/LWRXgJdRkyb92FbJYA0+xbQLX4hfEXT9TW1jl1jSLO4g+2QKsk2baQSuOPlIYc9gQKmwzt9U8SavF468A239sQahpes2d0kn2eIKk80cCyCZWHO1s5C9MGum1/xLb+F9Pt5rqN5nuJBDb20LLG9w5yWUZO1VCjJYnFeN+GtWE+h/Ay/RLm5ax821vI4YJHaBTbNE2/aPl+ZV616D8YPCuq65Z6FqWkWFprN7ouofan0y72rFdxPGY5FBYEBgDkZ60WAy/wDheGkahY6YNPhX+0bu+uNPNnqk62qxSwrmRGkAYAkYCheu4+lQt4w8RN8T9AtpYLfTtNutBlv7mxmLPKJFaLzFLKAN65G07eATTNQ8J614y8O28Wp+D9HGn3Fyzz+HppVRoIvK2RsJlUYlD5b5eAGx2p+g/CHVtHg8FSxa6q3ehwXFlcC4h89ZrWaRXaJXPzAqFChj6VIFLwr4/wDHPiuXSr7T9OWLQ9XtZGWeazjVLJiuYJUy+6f5vlKlRzyBitz4Gah4g8SeFbPxHruuSajLqEWEszCkcdo6SvGSpX+I45z17Uzwj8HZfCd4I4PFOozeHraV7mx0eZFZLVznB3bcvt3MFX2BrqvBPguD4f6QNKtLy6urVJWljN0QzRbmLELt4xuJPtVXA6Q9uMe1Jz600N6DA9M5pN1MAbvTZD8o+lDMaikBbvQOw5MNxmnNGexqOMbTVhaVhlfZ81SK22nSEHoOagZsA0rgV76UzSBBwBVSRQjZzUk8mZeKrOx3c81QBgEk0u3v2pVA2mm5Kqc9KADsaY3zcUeYNp5qPzPegBrJULZHAqdn+WoueTnilYT0E6Ac0KATyaGYY61GzbTzxTEPZRTVbqPSms/vTfNHSgol3bhikjZY85qJm20zfu60Acr8SPFGseGv7Cl0qe3jhv8AVILC48yAuyCTKrIpDAcYxgg561n6prWq2fxT0fSv7UddLvLGe4+xCONQsqbQoJAzgqWP4CofjtZrdfD/AAIXubiPULSaKGNGd2CzAscLyQF3dPWs/UvDFjovj3wdq3hzw7P9jX7Ut5JY2zKRDLGApcnByDzjrTsB0HxV8T3fh3wOJLVzbXF9dwaesyceWJHVXcZ/2S3PYitCP4Z6VZ3mlXdjA1nqFjOJUuBzJNwwdZDnDFtx/WuJuvBFxrmsa3oXiAEza0r31jq1ncSuYjFOpRWjdsIU3pjbwfmAziu20mPxpPb2tpqZ0q3WMoZ9T06WRpJwv92NlXZu6kFj1pgdFo/ibSNZvLyz0/VLa9ubIf6RbwTbnjGdo+X0zxnpWvcSJCN080UI7tI4UV5pYax4bPxOtrWyu7W3vdOgk06G3h2mR3ZxJNuxnAHlhckjkkVrL8I/BNxdPcXPh21vJ5GLbrxnm5JycBnIoLNt/GXh5b+OxPiHSzeSOI47db2MyMxOAoXdkkkjis7VviNoGj6pPYT3V1dXkDBJoLOyuLhlbAOz5FK7uRwfWr2l+DNA0eZBYaHptmysHDQ2kakHI2nOD0Pp6VheAYLjWfCeoXUF7Np0mr31zcpc24BeINNheG+U/Iq9RTuBab4j+cWWz8KeJrtl4BOnCAfnI4wKzdY+JXiLR7eB38DXNvFczx2qzX2pQRoryHahdU3lRu4/EVak8BNJhbvxZ4kulP8AD9sS3H/kKMYq7N4VtJvCt3oBnupLS5ikBmubl5pUY5IkEjENlXyQMY4ouBCl948ujtGneG9MXH3ZLie5K/UbVHFT6bY+K49RV9X1fSp7Jc7rOy00xZPqHLt/KneCdam17w9bXF0pTUYy1vep3E8ZCSjHuefoQa3JpTjOc/SmBxGu6bqGh+OV8S6bYvqsFzYrYXlpHLGkkbo++GZBIQrDllYHnHSqGtab4h8TaD4dlaxsrTVrPU49QeCS4YpEsbNhQw6kxlAfU5ruZd8jZ4Apnl7lyDgg0rgc2nh++0vxZ4k8QF47uC/t4D9khXM5aBGA5YbSTk/kKTwBG+n2N2kiXqw/bJJYTqS7bh1Yq7Fu332b8BXQedtkYE81HIu/BO40XA0fNCqBuDY7+tRm4TOCeaqfNtGOmKbtOSSD0pAerFfao5IwxUY4PB5/z3NP3VGzbnCj7x6D1qyDxzw18P8AV/M+zJfap4YfTtOTS/7QstqyTtHPIyuu7IZfLK845JA7GnLqlz4N8G6/ZRWd/e3a6/dWZbTrY3LxJM4lEu0D/nnKxHHUqK9XadGXeHWRMEhlORgHB5/A/lVOOxht9SuLyPKXF3GsMqjG2QLna3swDFc+gHpSA5bRUubm10fW7O81LQfDtnbFW8OXFgm54ULgFx98MRghQM/KvrXm0lrdeFW8F+PW1PUruWbUnN7p625Bhiuy3nr8qCTKHafmJHyivfA2fm/Xp+GDS+Z94kkfTGR7dMYqRSPnbULqxOo6g/kM6Dx5bXok+xPhoPLVWfAXOxcHOOMjnrU6apDb3FoqQzMtt48kvBi1kJFs4bdJkDhMv16cV9ALM6/LvKqR03HA/WnK8isAHbOcHJbJP59aVyT540m6gih0MwwXMd1b+Pbm93JYSq32eQSgS/dzt+cD0rU8OaTqN74d8G+DrizvI/EXh3xELq6eSFzH9nV5XM3mEbHWRHUA55J9RXvazPtGXZh2B6fgc1YjYyIqlyfQMfvfj1pDOInt9a+HOh6zqsur634+naJVtdMa0jb95u+UBY1ztPGWY8AZJrP8Btc+LPDuo6I2m+J/DMsqm6u9buYhZzXF1JIC3l5z8pAOeOF2qK9QUkZwxPO09/zqaNRwpJJzjFTcDynxv4b1LRLPwNbWKa54pk03X49QlupsTzJEFkD7nwuPv4ArKm8Ja9ofjzxLFB4DsfEdr4gvP7Qsddu44G+wmQL5iXAfLfIQSoB7kele4FkPCdzjINSW7HjDAhuRg9ecfzqgPDfEvgXxVqlr8XrKDQZ5U8SGH+zrlriBUdkiSNmIL5UErkZ5rptO0HxKfilpHiFtFS3sY/Do0ifzr6PIl37xgKzfKDgZx/EfSvUnYJGxLBVVdzFjgAdyfas0a5p3+ghdQs3N+M2YWdT9o6/6vn5+h6Z6VNwPKrHQdZ8H/s/6t4Y1O1g/tO5FzY2UFrP532g3TkoMBBgjzCCOwTNN1j4B69dW9zZWmv6emn3nhyHQZJru2eWe2VEIcw4bAWQ7Sec8cDgCvS9U8S+G9Ojn1LUdT02A6RKIZbi4lUtZySIBtPOUcjGAOSOOua6yOQTQrIcYYbg2Rz07/iPzouB4/qnwe1/XfCzaFq+vaXqGn3GmwWU4l09iYZUDKZrfDAK21lGSMkrmta4+CMkfiIat4c8W6v4YmubSGy1GO2Ec32tI1Cq3z4CPtGN47V6Y0ZClSANo3H2pykqx45Xr7UgOSuPg9o114i0rVo576zWz09dJktLeULHdWwYsqyHaXIBPOCpOMnNZek/s7+GdHXRJPt+u3c2iuzae1xqbBIFPSIAD7g6kdW46jgdtqmvvpeoadaDTLy5F47xSXUSBo7QKu7fKTyAe3pWjZ6la31xdwQzRmazlSC4RTloWdQ6g+rFSD+NAjj7f4LeFY9HvdIkgvr3TLy7N9PbXV/KQ05bdv+Vl5J+Y+4FbL/Dvw5Jqn9qvpizX/wBnNm1xNNI8hh24KEsWznB/EZrodhZgNu1jxt9/SuPTxpealaazfaLYf2jZ2c7afbLGSHu7kOFdt38MSP8ALuHTYzdhSuM0LT4deFLC1FrF4b0iK3RjKsa2isoYjDMoI4yBgn29c1t2tlbWs3mW9pBDLIfneKJUY845I5PP4V574T8deKo/H8ng/wAXaXpcdzPp7apY3miyyGCREYI6MsgzkFjyetdX4ys9dvba0tdCvItMlnkf7RqckImeFAoA2RnguzFVBPAANIR08ZDqQoAB+ZtuFH4jApd27oMewrzb4Ta/4kuL/wAWeHfE97BrN3oF3DBDqkMIh+0RyRtJhlX5VKrtyBwM12PibxXZ+FdKN9e+YwkdYYYok3yzzMcLHGvQk9/Si4GrIoCu7hVQKS5YDbt5yTzwODz7GksrWG1t0jt0hjiPzqsHKtnuD3rw/wAO65ND8W/ikbzQ7wINItLltHuriOZpABJv2PuKhGDdFOO2KvWPxhGkeE/h3J4e8Io2m+INtpBam8WJLVgH2JkL1Oz73TgikM9n4wT2FJJ6d84/TP8AKvD7/wCLPj5tN8ZRw6VoNlqXhE+ddyb5pYrmIxGRBCuAVOwNkk4yRxVrWvibrniHUtH0rw1BdWkl1ocetzS6fDBJLEZTtjQecQNi/MSRycgVXKwPWrm6ht5baGSWNJLhisSswBkYAkhR3OFY8eh9K5zxB4yu9E0XxRfnw7dzroyebEjXEaJqCBN7shByoXoc+leTalD4t1bxd8I28V6hNp2rTXN9Z3lvpFwqxK6wMQ4xwGePKsB0HStzT5dSk8T/ABn0O/1O81K2jsIZLZbyUuIFmtZSyqMcDJH/AHzVCPRvC/iBfFHhfR9ZWH7P/aFnDdtHnIQugYqD3wTiuf8AiJ421bwbqXhSO0sbWfTtW1a30+5uZ3bzI95ONqDjGARknv0rmvh/rHi6D4T+BJPDOh6drCvpERlnvrz7OI2QKoG0Lk8U74+XS6d4V8H3WoS29reW/iPTZ5IxL8vykiXaTglQc8+nWgD1eTGGHQD+Vcn4n+IGj+F5rmK5W+up7WBbq5XTbc3D20J482TH3RwcDOSBnFSeLtF8Q699ll8O+L10C2xuZorGO787PIkV2PAxxgfWuDtbbWPh98UPEd7qthqev6Tr1navFe2Ft5zCaGPynikRSdm8EsCcKMmpSuMz/FvijRk+Kvw28U2WppLoV9puoM1z9qcWzRpEGUgHO0/MwzgcjBAPFberfGC40Twbp2vaposeh/2ldxWkC6pckJEsgYiWcon7tcL0HTODivMtS+Aer33hX4c+HrzSJ7q0sJL2XUnt540NolzkqsbF8sUZl4HaP3r0PSNB+I954PttH8Q2Wg6zcWl4qyzX84dNTtQGUecmxgsg+Q7l7qPemIt3XxK1dbfw1phh0y01vX9RuLW3u4SZrNbeNSxuEw3zblxgHAB4rivH3xa8YeG9B+IGmvcWVrr3htLW9h1KC0+S5tJ3AAMRYhJB36jg4wK19H/Z1XS9Fs/sGo/2Fq2m61LrWlLBuuLex3BV+zjdtLIyjn7vU8Co/il4De0+GfxCvNRmXVPEWtWKQF7O1ZVKxYEUMKAs2B83GSSWzk4qkBRutR8b6L4+tNEv/Fd3quneJ9Iu5knhjWGTT7iEbyICCcId+0ZJOMVx9rNfaf8AA/wv4qu9a1i6bXptOtdclubxjHHbfaCrkAcIOApYde9exeCfB9vqOmadreoahqmp6rLpX2QXGoYimto2ClkRQgIYtwWIyQM5PWtzw78O/D/hnwu/hyzsDLosm5WsbqUzptYYZR5hOAcZ9jzUjPGviB4ShtPFnjLR9IgiTw/qPg+e9u9PiAaCK6RmEEwXd8pKDsfm6isTQfDujeJG+Dt74RWxi1uGxkF/LZEbkha1xIJiAT80xx83JJOOle9S+A9P0fwzqOneHNPstOkuoHgVQpEWWVlGe+BuJx0FZ/wx8Gz+BPBemaHdfY57mzgEBuLOHyxMqnI3553ep7mgHqeLaTomo+IPhR4a+H13pV9aeKdJ1a3V5JbV/LSOGYu10JsBSrxjAIOctjrRceBPGOn/ABT8T+NPD2k3SXp1VJYLe8lRLfUbRkjjnRgXJRsx7lbAOMccCvpNg2eTz6EnOPqB+lQyEs2TVXHY8Y8d/DXWviVfx3N1odlptyj28un639sAvdO2lDIjBVPmjcHI5xhuK6ix8N3fg7x14u8W3t3avpmprbFrWCJzMrQJtQbt2Czgt+OK9A+vSmOo7MB/tYBH5HrSuI8h8J/BtpfDvh+a/v7rSNQttXn8ReXbBCVuZXLAPkHO1G2kdyK3m+EOhXDa+l0+oXtvrsyTahBLdlY5yCCBhSuMAKOOy13O47cYI+pzTW4Ap3YHJ3nw48NahNps1/olpfT2CLHb3FxGXdEUYClidxxgdc1v/Zo2uVuGiQzbdhk2hn2nGVzjpy3HvVhu/embvwqQEQCPH8Hb5QAB9AB1pj8Zzx+NDvyMU1juHJ5p3AYV5ph+U4p24f3sVXkl+bg55pDsTpgHrTZm+ao/OHpTJGzzQIlVqQvz1qpJI34U+3Yyc4p3As5qKRvmo3cnimSEjp1ouO5LH1qdDVaNjtBNP8wHvjtVDHtjJwcmqkz9ae7KrMc9BzVGaXaxyaVgGSMCxxwc1A4OetOzncTweeKbzyT06n2/zkUwEDYNKWBGCcU3buII5FRzNtKjqc0ANnUr0/GqrM3OKsyMW61WZMFjmgBY5SMbjT2bsO9Ulk27ix6UfawMHk9qCXqTsdvvTGk3YzxUEl4N2BUTTlpB6UDsXCw9eajZ/m60wtuXNVZHbcee9Ay28+0HByadbzCRcms8N83PPFSxsTgKMetAGh54k4DdP9rpTd5aQElmBznsajiUY6c1MsdO4FHS9BtdOvJ7xJLqaeYk5u7h5RCCQSseWOwZAwAMACtXcRwDx165pI4zt6d6f5eenBouBFGqrK8iII3YcuihTn64zUyF5JAM7CRzt5x9PrT1t14yaljhVWVgOFOTzycf/rouWeXax8RdWbRdW1+w0+zuPD+mzywSQyFvtU0UbhZJozjauDu+UjBAJzmu58M2dnpmk21rpceyxS3XyFLEgLgY5PJOPXmvOLjw7qnh/R/F3hVNHvL8ajNdNptxboGt2jugTiSQ/wCrKMzZzXqmg6Wuk6LZWefMa2t0hLDvtUKT+lMCZ1DcgE46VGsZZ1GzcScBTx2Of61c2hVJHSm/xfd+6QCPXv1/HFAHhdnq2p2/gO9+JFtqE8dw939uvNNAX7JLbCUROjJt4dUVTuHJIzXtaETLuB3BuQT39687k+GWqQ6Lqnhm2urJfC99cPJvcN9rghkfe8CjBXqDh8jAIBwa9CVljjwg2qowo56fjVAAh2sc0hjRenfrSLcIylu9NSdZDgUgGvapu3YprqoXnipmJHvVS4k38DigBQo8v2zSMAV61C7lIwBzUXmH1pAerL92oGy0hjPQnBXtzjr709mPeozJtZG7g5/HkDNWQeM+E/iZD4V8P3VnfaeLcWUs0tlM1yiLch794vvEfuwrFclu1Wrf9oDSpltpf7G1Q2M0UUt1ex+XLFao8hiZnP8AEgdSM9+tUNQ+FniPdHNb/wBnPdWIluLJ2mZg0xvvtKiRdgABUmM4JxnPbNQ6zoeva1rup6RPp9s17rGhW4vpbWUCGyT7ZLz82GfYrYGBkkA0hXN62+Mbafpt/catouoRSR3t7DHHarHJi3tzl3Y7sHYP4TgsSduRVyT4yaDD4iGkvBqQZZreFr1LYG3i88AxMXZujHaB9TiuG8XfD/xbdafq2kw6THqOkXF9fyLsv0iMgmVmikcH5tqMTlMZJxkHrUF34X8VXem6yZvD10t1dJorqsc8TgvbFPOBYvkYCrjHXmpE9T2bxRpd7rGltp1tqNxo/nSos11ZttmEQO5wh5wTx16jNYnwpm1JtF1XT9RvpdV/s3VrixtL2bmSWBMFdx7lWLqW77ao6poOoeDtJ1vVNAXWtc1XUGUJZ3V8JY7Znct5kaSMFXyyT0PQD1qv4f8ADc/jDwvFpmoafrfgq30+ZVhFvqIS5uflZmd2jyCGdskE53ZPSpENtvGCeFfiF45gvLjUr+Ga408WdmjGZw8sLFljQkYAwzYHQD0FdNP8WtHs/EiaPLBfruu4tPluvKTyEuJUEiwuQ4IJBHOCMnAJryrXPCPifRfi1eeK9C0rUr6TTksYYvNZWGoRKnl3IZi3L4ZWDd9retP8XaH4x8QeKl1FPC2oXK2OrWOo6dI11HCsdogjLxFd4zMX3biew4IHFAGl8VPi1YeLPh/4w0zT7DxFaXemxT7777K1vDbyQFSUYhhyQzHYwweM812/hr43aNefbLLVLPUvDk9jp/8AaRXU7byhc2qgAzRHcMjJHynDcgkVy8fhXW9a8JfFPR30mbTptcurq6sPtDxiKUSxqqrw5x8yk/MBwRkCotW+HGp/FZZE1Cyk8NJD4el0mMXTJJuuJGQ79qFh5aGNTzgtuPFNWGdy3xCtPFLTeGdV0m90a51bS5bmwW8lWQXkQQlgHQ5RwMHZ2BrH+Avjaa48E+DdGstOOpLDpMDXt2LhVS1PTY3ytvfA3BdwOCDVS18O+Jde1bwrq2q6J/Ztx4asbiNo/tkTfbbiSFYwYtn3U+Qn5sHkVh/B34beMvhfc6QLWxtzZXkfl61YyXqBFnQgQ3UPDDOwlWU/3c0gPSfCXxaufHGnz3VloMN5pclncSwMl4rsxRgpt5xsIjdgSRk8YI7Vxl5rNhr2g/BHxLY6Ta6RnWUihgg2ssETJOuwEjP3lHT1FaHg/wCGuuab4yi8Rtptjod81hcQ6lHZXn+javOwAikaJFCxEcsSB1o0v4V+KdO8B+CNGDaSt34b1ZL95PtErJOqM5Cj5M5ZZWUnHG0GoArfETxJJr3gX41abeaTY6dJo9vG4mtQGecMgdJZCV5Iwo/E16D8KPGl944iXUdOubP/AIROCJLGEiEtcXE6RgSHIYBEVsDDDLYyK5/VPg7rerXnxFZNS0qCz8WW8Nun7qWSS2WOPZuOQu4lcn61d8A/B/UvAPiQ6jp+u2dtaXltDFqmmR2jGG5mj+U3C5ceW5GMjBzz1oA6P4neJNW0c6HBp+ojSbS7mkWeaGBZ7wuF/dxwRFWD5Ykv8vA5zXnMHxY8U6p8JfCniW5t9RNqLu5i12fQ4lN1EsRdEkWM5GNyjfgYr0jxx8O/+Ey1jQtXt9cu9A1LSTKsdxaxpNuikTDjY64DY4DDnNYfhn4GQeFbOyg0fxRrdu1je3F5bSM0T7fNBDRlWXaQSSdx5PWgDnP+E01C5j+Euoab4sn1jS9S1drK5mijjjW8ULMwMg2AhwV2sBkZHQ9a2PgfpEem+N/iWFnvJZbXWmhCSXbspWWFHIZSwDHuCc4roI/gjobaZolm91qSnSb1tRgnt7gRu90zM7SMdvfc3H3RnFdFa/DvQLHxPfeIreyaLVrxFWaRZnEbYGN/l7gN23AyOfagDo5pGltbj7OQ0ixMYwABuOPbp9K8s/Z91q1sPgPomoahOtvBaxXMl5PI4G11lfeWJ75POe5r07c8bB1Y7lOSynPQ5GM8nrXKaL4Jh0DUtWtoore68M6nK93JYXMYf7NcMVZ9i7cPG5G7ax4cHsaVgMTwP8RPC/iXxj/aI1mzutb1aNbKwsLcmV7a1TMh8wLkqWI3P77F6qa0fEHxx8N6f4Su9Y0q4l1p0u205LWG3lLfaAPmVwBnCqdxI7Hj5mrsNO0mx09g9np1palTndDAq4IGB0Hb24qDQ9Dg0GS+dDI817cNdXNxIRudyFAGFGMBVA4qQOI8AazaeKNN1TRtMPiCxuJo3vLvxJPZtaSTXTurF494OW6gcYCqBjmsrx58L/EFjoelX+hatqfi3VdH1mDVxZ61dKWuERcGNG4Udc4r2eRpJ1y7M7HnO8n+YGajWIlTkYPY0CPIdCh8UX3xN1XxC3heXT9M1DQo7Ly7+7QTedG7MMhPUtjnsKpaH8LfFqeCfhzpcttpsF14V1IX032i8Z1nCbtoXavG5ZCvoCte0mMjGeeatLwuB0NAzzJvhjrd1qvxBum1DTba38VwpCI1hkkeDZA0IYklckqxJ98VWn+BbzaX4UeLxNeaRr/h6z/s+LVtLiCNNbjGUdWLZ4Ax716tS07sDhL74PaHqWj6NYXtzqMk2m3DXkepw3BiuXmfImeR1HO7J+UDHPHFWY/hnoUes6vqYhvhcavALa+T7fLtliAICcHgKpIGPWuvY1HuoEZXhvwzp3hHSU0zSLNbCwjyVt4nZkGeuC3PXtV26tbe5KtNBDOy9GkjDEfgf/11MzfLULMfSgAbCqANoAHAUYH4CoTluC3HWnMcdTTKpDGnDcYJ/GlVdvGKUMq015AOcilcBJOtMbBOCMjrjgj9ab54JPGaimkweKQEwHpwD145qCT5W4pTcbVBx2qGS4HXFUArSe9Qyf3qglmOfamSSMYxzQA933exqGRqa271qMq2ck5oHcl80bcGq7SYJ5yKViKj8ssDgZ9aBDWuNvQVXa7Y8YqUqCOOagdNzcCgBHmLDAHNMPmN2P5VYRURRn7x6UxnA4zQBW+bPrTTGzNnJqdgc8Dnr/P/AAP5VB9oTscg85FA7CrGQxJ5FIIRyRSGTaGJ4AOOffpWLrXjPSdB1PSNOvp2iutWm+zWoERYbgCclhwOh60DNpowpOeKPlC881l69qlzpuly3ljp8mrXSFStpBIEcqWUFwx44BOfXBq6ZRI21SW3H5eOTzxxTsSDENkAUyOULwpyMZrD1DxPp5hv4INWs4rq3idpJPNRxa443SKTwAeTn1rhG8Y6jbeLvBJl1xdR0PVNMujK9uqrDLJFEGMy49cMdo6fhSEeteZuUsOg6ntUbzeWTkZbpjvXkXizxQdck8B+JNNkvraA67DbsJg0KzxSq4y0efuk9CetaPiD4rSaNb63fwaR/aWj6Jc/ZdSuYbgRyowUb/Lj2tv2hxnLAAg4p2GdxH4u0ma+awXU7UX0alpbfzF3ooGeRnI45qnoPxG0DxPeXlppmswXlzY4eeNCd0adNy54YZI5HHNcJ4RW3vvHnju3Ro5be7WzvI8H/WxywFc8diVz171BetL4f+MujTXGjwWml3ti+l6ff2sgO2RQZCskf8IKrx9OOlUO53HjPxyvhGG2EOl32tahc7vIstP2mUqpAckngAEge+RjrUXhPxtp/jfQbPVNL85be6YxmGWLy3hkHDow9Rgjj0o8RapFoWlvfzxs5hYLEh+9KzkIsYP+0do/XtXM+D77TvCeiCGe/tEnW+33Miuuz7VO5kwDnHLOePTFAXKcnxaurcxa40dunhWTWP7GcgH7RH85jFzuJKgBx90r0IrV0DVtUtfiFq+iXmpSahbtY295bfaIo1ZCZZEdQURTgbRyfSvNdT0udfCuv+AijJq8viASWaqv+tt5LhZxOD6Ku4HHQqAeteivbfZPjVYEbSLrQZs4P/PO5U8fhIT9KAud225QeefrVYyFpOexxVuSLd904qLyAo685oGQzZYZJwPaqgIbdjJGa0nUHjFQtEqn5ePWgDNZdu/KkjtxUTK7btowK0niBzjmq25RkUCsUlgZmyfSnGFgRVvaMZFRyUBcjCsBTPJ+bOKdJL82M1GZDng8GgZJtCt2qePC9hVX7QijBGTR5x6j1oA0FXqehp6tiqcd0WbGacZSWINAF9JM1OjD8ayGyy7lYjBqVJivVjmgDV8z0GakWQDrxWfC7HJzmplDN3p2LLZk3dKz9f0iHXNKlsrhpoUciRZ7eQxyxOPusrjkH2HGODV6JRGvJznpRMjOuO1MDz+38bXPglo7LxfNGlud32fxEqbIbrHSORR/qpcevBPTipdB1PVvGt/Z640k2l6BGc2NmoAluhj/AF02eNnpH+fNSeL7EN4w8FRyoskMt7PAY2XdndbO3IPB+7xS/CeHb8PdFXB+VGjVmP8ACrOv8xigDp1LKgBOePXNKV37CPoRU4gHU8ikZAOgxTuBQkjKHABxTIyRIMIQPXFaLoNvI5qHA9QKLgK/3apSRuzgjpVw81G5C9xRcCrJCT3pq2/c80+S4Ctj86UzLtABGPrSA9Gk7VFIaVmqNzux27f/AKqogjbK9eM8jj8Kpf2Pp/8AbD6sbZF1EwfZ3vATv8rOQvpgN/OuL+G80i+JPiDDNdXVxDa615caTSu6xRGFXIUFiByScAVCvx48Lw6fHfyf2hGj3UdtAq2ZkdjJGXidVQ5KPsOOOoPpQKx6H2BpuDzg8YyfpXGz/GPwlFZ6NdHVX+z6vEs1vJ5LsUjZgitIRwg3OFyf4gR1qtf/ABq8FaRrUul3+vRWeoQT+RJHNBKEjkIyNzbMYI6c89qnUk75VIU89BzTlPv04/HFcQfjB4Pj0XTtVPiC3FjfPJHaSurgSyIcOn3Plb/ZPJqvefEiG817wT/Yms6VcaRq8kxdpQ3m3MYGAIT2YODlTzilYZ6JGxbIUnNSopPUnoT+XWvLPGPxe0weD9SvfC/iPR11GF4QLjUd/wBnQM5HJ24IZVk2tnGcVzesfGPX7HWviPpYvtFtf7HhsZtMvr+MiFfOAYrK2TldpwGwKEhHu8kTNtK8j2qaOF1k3fw1w1z8ZvCOgLDDrviCwstRW3illjw7Ah1BDqAnKnqMdB1ru9Nuob20iuYJluLaZFkjmQ5V0IyrA9wRzmptYCSKMNIGxn6mrP2cFsgYNOjjVT0qym3cMjFK4yuI5t2QOKm2uFG41ZVecDpTLqP93kHBpAWbeNtoIPHapPsrbs596hspD5KA+gq8zUARpGdwBOasxwgdOKriQB+varML7sUASpxx7U9WXGD1poIHahgN3UUALtHpmhUDHGKev6VHyJCQe9AEyr5fAFPChuopFOQOaetQA8KABSsnGRSKcmnM2KAGbR+NOxim+YFbNK77hkUALSHpTN+RgHJpu/5cZoEP3LUUjD1pM9jx9aawHr2z+HrQBE0lV2kffxVh2UEg9aibqCKAIJN+7PNEbNzk1YkYFR6ngfWqX2hfMwCDTuMlKtz6U11+Wneb8p+map3V8lvGZJZo4YR1kkYKo5x1PuR+dIB+1Q3B5pj8njmszT/Fmjavdz2+n6vZX9zAMyRWtwkrJzjJCkkc1ZkuNu0r82emO9MRYk2qrE54GTUKSLJ8o5rlfH3jIeC/Ceo6/JYz6lFYRGZoLfZv28fNlj0BPbmr+k60upada36qyJcQrMNxJwGAPXv1HNUBsShV4xUe0MpPpWd/bdpJO8Md3BLcxn95Csil05x8y5yOfWsu1+IOg6nqjaVaataXWoAMy2ccp3vt+8Vz97b3xwMUhm/3P0qGabyoS7jEY/i7dM1nahrsNhp891cSLHDboZHkcgAKBkknoBXkngPXNYvvi94jm1WWRF1DRLa/t7YgqLaHznRQVPRgoyffI7VVgPY3uBxxxjIz7HH86zZPElkviGLRZHK30ls10I9hOYg2CQ3rntXB/G7xRdWPww1+fQtSshfW0Uc1wIphJLHEXCsV2sNre54PPeqH/CSeIo/H/hnRbu9so7TVdKupFurW1zJFOqg7xvLcDIwvvSE9D1l3bnB3E9x3P+c1XtJmaORyDtViCfQZrxjR/GPiHVrqHwfrOoTL4pt9c2Xc8O2IzWIRpBIuzjY0aquexPvXO6zq1xpfjaw1aC/kmji8Wmyn1KS4aMPG4Ie22fc8uPGCT1YUAfR0kjbW2D5gDj5iuT2BI6j1rjfh54s1TxEfEkGsJbpe6XrMthstARH5YRGXryfvVJpN94vm8RTLqmn6RDoX7zy57eaRrl0/gJ/hGRjgVzXgXVIW+IXxIsIJwJpNQhuYXj+bext1SQqTxlWXp6inYZ1virxXb+FdL+2XiSSxvNHbwxRKCXkkfYqjPQ5Nc3afEyTW7K4fS9GkbVLTU/7Nu7K8mWNYGCtJ5hkQMCmCoz6keorI8UeA/Fmk+EdUfS/EWqeJ9RlMPmWt9JGpMayAsYM8JJtzg/hXI6X8P/HOn2/jK30TR7DRLfXjDLAZr4+bbbohHIoIH3tqnJIPLdeKdh3OitfivruteHNR1O307T7C1h1EWaal5pkiECsRNOVIQuvAUKOWPSuR8Q+NtV8aeDdNuHnjtdX0fxlHaRXkduVQf8s1nEbcqdsoyDxmurn+E+u6l4ctdJ+36f4ehsTay2Udsj3KiSFyd0oYANu6Yx74qa1+CyKdbs7/AFu+u4dWuY9QeaLZF9mukKEPGoXGSQMZOMDFVoScl4n1Dxbouk/ETw3ceJL2/fS9Lh1mw1MKsc6qSQ0Tle2UP5V6KviTxPcXmlrp3hqG70q6t7eeXUpb7YQrKpfEW3JIyeT1xWlB8PNOksNTtb57nVpNV2reXF3IVlmC8Kp2nAUZxtHXca3NH0iz0LTbSyso/KtLdVjhQuSFGflwT1AGBUNjPC/ArHR/GVlp876Z4m0G+ivbaDUY12Xlov3pIrlDxtyuN578VyT6ZceKvhv8OtMtX1G3urO6ubS4mtbeUtBGwdVZjj7pJT8M19PQ6XY2txNPDY20EkgIkkiiCF8nJLY68/8A16stlnGQC5J46c9+g5NO4Hit83i/xR8PrOwuPDU8HiTS9TtZ1MRSO2nEMinzIssNoZQxwf72K07r4b65HL4ssbFrVtC8StJMRdSss9g8qBJV2hWDrjG3DcYr0+ZjHly3Tkn+tOWTzEJc4wMn/P4H8qVwPMbGPT/BHxWlsbidrWC80OxigYqWEjwyvGqjHG/aR1POK6bS/BdxDdWlzrOtza9LZNIbXzokjSLeCGbCfebBIyfWule4WTHzAlcBWOMjB46j1yai85cEc496odjmtQ+Gfh7VIGh1Kzl1C2kvHvjDd3DOEkfG7GO3HA/h61NpfgnQtD09rKx0yzt7It5rQrCGUP137WH3sgYOc10K/N7io5WKsQAMYoCwR59OQBjkEj1+bGcVkf8ACK2snika9Lc3lzeLE8EMc026CKN9u4Kvb7oq+shXoeDxQ8jLIoByKAsXhUc0wiHz8ClUkYqnfsX2gDODQMWW9XgKSPwqF7xVOME+9DRBovunI9qg8s5bg0AOmuGXlckdDUDDzG4OM1YMezPvSCINjHFTcByqFUA+nrVeY4YjtU/3etQyKDVCsUpG/eHFJk+lSnGTxTvl9KAuQlSQOKkWEscdjTvMA7VIrDigYwReXKoxn3q2turNyajX5iDUnmbaAJ0gXlccVIsI7gZqulx05xUn2gK2Tk0AW44ivAANSqoUHIqtHeBl4FJ9qJJXGadx3LTSpGo3NgZ9KlDBu/FZ0jFsKeAKkVmXGTxTKOc+IVza6fN4cvJpWL2upebFZRRs8l1+5cMiKvf5t2TVX4W3VnJ4ZlghuXlms72eK4jngMMsEjSvJ5bxnkN8w9jnI4rN+JF0mmeL/AmrXMgjsYbq6tpZmPyRNNEqozdgMgjJ9ai8Nq0nxQ8Zy2i5sXjsUkaL5lFwEbcOOrY2g/SgVz0b7QnHOfxzUcl0qkdqqNB82QOeuAajVHaTBzimMuvcfuywGaptdBuMYNTjaF25HPvVd7fBY546Z9KAHR3BVgp5zUN4T5mAwA60LAykfxfSnSRgDc4CDoWc4FAFN2y2W4yOM0g6DrVHWPGHhvQ1/wBP1/SrPbxiS6jDfkGzXOn4yeEJMraanPqcgOPL0+zmuCfptBU/jQB7++Apwc1DnGCe3NSVHIeDTIPLk8L+KrLXfFhit7MafrupQ3TXcd+wkt4AFjf93sGWKL0BOMnmvP7D4Wa/ovh3w9AfDEEepaVrEDXN5ZzxvLdwxCUCYZIwMMoCk55Ne+Ta1Zrqw01pDJeiH7T5OwkRpkqCzD7u4g4z1xTb7UrKwAN3cxQ71dgZGCkqgyzc9gOSe1JuxB8seIvh741fwBoWlReFLhpLbT5o7hbcQ+Z5gvBIkcjFsPGUJO0HliTnIrR8WeG9buvFmuXo8N6pItx4j0q/RktXfdHFFiVsqp4HTHfFfSNlfW2rafDe2F3Fd2U2THPBIHjfBwcMODzxVrgbRu+9098dann8hnyksU/hWHwjLqVhqFqkPj25lWOS1k814ZASjIm3L5C42gZ5qx4Y8N6tp8XgCe40e+WwPiXUb0Rtayt5NpKm1S/GYwx5G7GODX0H4x8C2vjJtHluLy7tJNJvBf2/2cphpFHGQVJ9uorp2dIsksoVckscAcDJPpwOaPaCPj2Tw7rFr8NPHWhWdrqWraO0NnJp5lsZDcwk3Bd7Vhty2zDElcqMg5y5FbPi6xvtVvvinKmnai6at4csIrRxZzETToIgyjK8kenXhvQ19ZJuVthJJYgL/QDApxnYtkseT0Yjn9KFMD5N8UaTe6prsky6LqFxFL8P1sV/0GZgLoINsWdv3/1HSvpr4NrOvwr8Jx3MUsN1b6bDDLFcxNFKjqpQhlYA9u9dDDIcEk4x+n6VZhyCzH7ucNjsablzAX1f5uufc1Pu5BqksgXA/Ko7PVLW7mnjguYZ3gcJKkcgYxsTgKwB4PsaiwzWjkKtz0zxTrqUbcd6zmvFUlepHPHbjNUdS1y1022W51C6htLVnWMSzMEXcxwoye5PA9agDobZx5SkEDGBirPnbl4rkm8XaRaX1/ZNrFqtzpqCa7hV8tbg9C4H3cg9+lblvMskamKRJEZQytG25SpHBB7ggjB96YF1G2scnNWreb5CenNY8d1um2kjHTj64q75gVQFXdxnr74z+dK6A0PtHvSLcKzcms2a+ttPt3ubqZLa3TlpJWCovTqTx3H51eVol7gHrjP40CLazE9OlL5w3dMVXjkyAUXcCCQRzkDqaZNfRRuiSOqO/wB0McE844pgaaSDb0o3dT2rkf7Sv4fGE8Ut9p66SthvFtIdtwsqtkyFj/yz2kAnoKZa/E/wrdXtnZW/iLT5r27JFtALpWaQgkELg+oIH0qBnZLL/jT2lrhPEXxX8N+FJZY9SupB5IR7nZBJMLdCODI6jCA9ctiukt9WiuEheGaO4jmUOkkbZV1IyCp7jHNAGr8zAkAkd8CnI67DyM8d/XpXz7+0Hp+m6VZjW5vEGoad4hmvLePTbhbiRYbUeauVKKNpQAuzbupIr2iz1Bruzt7lXSaN0WVJY2BVgeAwI4IIIP40ASr4k0uTWH0hNVsX1NAWazS4QzKAMnKZ3DA9qsteRqQp5Jr5++I1roXgPxt4GuG0G902ztdRzJ4it4UG95EICOwOSWd+S3XGa9Luvid4T0zxPF4euNdhXVpJlt2tEDlwzbSM4UgZ3DGeuKANPx38QNN+HmjxanqMV1JbSXEduptYg213YKCx7DJHX1rUbXpT4gm02XTZ/sUNsLj+0tw8pmLlTHju1fNvxE1i++IXwZ8R+LP7VuIbOC8xDpibRAYorlYwGyMhj8rkgj8K7r7ZqM3x0/s59X1Eafqnhp51iil8sW7iVEZ0K8525OSSwzxkc1VgPWJpHmkwmcjOfw6moIdSgmSUpcJIkJPmOjghSOoJ7Yr5Rt9BZ/hL4Q8TzXd9Nq8WvpYS3kl7JxA08kTpjoMgDOM5zW14i0Gfw94m+LHh7wnH9kjudAtbu30+zf8AiUkSGNcffKluoOdwPNOwHuV18WPC/wDZ+q3NtrNrff2dE01zBaP5kyovH3VyWBYjkdMiuAT4uaF4m8P+EtYvbvVNFkvbyAxR2scyLLOwwY3bbtaPLY3ZwdtYPw/l8JeONWsr7Rn1XV9cTS5rSd7tii2ETRENE67QhO84A/LpXN2Wn6vN8EfC+lR6Dqx1bR9RshPC9m4IaGclyOPuhMc9CeKgD1DwhcS6f8cvHNh9oleC4sbC6jhkldxFu3htgPCgkHj2rpvFfhvT/Gll/Z+rot3aJMLmSzkf5JSoO1ZAp6ck/wDARXHy+FL7VvjNqt9d6FdyeHNU0GPTZrpiqkOGJOQWDD5GC5A6gmuy8I/DTQvAkdwmi2S2guCplxI7eZt6ZJJI6/jigRwXgnS/D3hDxj481aztbXRdKskh08yW67I18uMyTlhk8hnUcf3af4u+Nem3+m2UHhnVkmk1HVrbSXu1jcC38wkl13DBO1MDHQtXZ+BvCreG9Imhv5FvL68up7q+lUna7SuSwwRyNrKP+A1P418CaP488PzaTqVv+5aRZIJYD5bwzLykiEZwynPaq5gPIfGF9rWm6x4x8IX2p3WuaJfeFbnU7Oe+K/aLdlV42VivBG/n8KzPgZrll4o1ONtbiay8SWunWp0613YRrRYl23MPPzOW3bm524UdjXrcPw3sY4tQbUL291e9vrYWc2oXUu2doQ2PKBQDapBycde9V7L4TeE7GHShHo0craWpjsprh3ka3U87QSScZ7dBQncDwzRrPVtLkg0a0ttL1mTUdEvYtC8R6ZiOdl27tlyhB5JAy3ZsitnTLq18eeH/AIWWWjFoNf0a9tlurcRuklpHEjfaBJkDbuK4G7g5Fe76P4X0XQrh5dP0my06SbcWe1hEZYHluRgnnnj8a0JPlyxK72PzPjk57E4/rVXGeaXnwbuNYt9Ss9T8a+ItQtLsFfs7XKJHFmRWOBtx0UDOe5rn9L+BP9jfFSw1tr7UdU06PTHj+0X18zzJcb+h6FkKFvlPGScCvZzIqfKRsOOh4pkkgVsEYI4NFwPPtU+CfhdvCOuaJo2mWugHVLU25uLaIFkIIKZPBIDDpVaD4W6nd6v4X1e/15bnUNFjkGYbRUW58wBJAQTkL5YUZPdc16DcXCq6p3Y4/wA/ka52TxzY/wDCcDwo1tcpePaG/FxJGPIaMMq4Q9zluaLCepzvhW2i8U+PLvxZ/Y91pZt7D+yIpdQt/ImmJk3yPsHVMbVGeeta0nwn8HXF/e30/h62nutQnW5n84l98oPDKucK2T2610UlwsO52bbtUs5IwFAGT+NcR4D+KSeNtc8UWiWv2e00y4iW2kJ+aWJlP7zHuV3D2NIDv1VIwAoVSB2GBgeg7DpTdoY7gmc8AgcnHbpXIePvEVvoum2El5rc2gK1/brFLEC5lPmA+Vj/AGs4PtXM2tvNqHxX8Z6Pe3t7PYXGmWdzHm5INuQ7jdERwNrYxn+6SeKrpcD0/cuD29v8/UU0hJOmScZ/DOM/nXjcPxp1bSNH8q+0+TV9SsNb/sC8uI5/JUuZAEnI6ksrKfZs9qz9Z+KHjRrbxZEumaPZ33hlFubpWeSaO4iaMSKqDgqQobknGccU7MZ7bMwVgScD1Pt1qrcajDFcXFvFIst/b2/nm23HdhshM+gJGM145q3ivxD411aXTPDU8unTw6da3sUySQqC02WDSbgSyrhVwo7mq+g6RJqnxevJNSuZDf32gQSlrG8k8gXHmGKQIMj5CTwMDBOMDpSsB2174+1fTdW8GW93pVvZrq8z215+/Mj20whZwqEfe5TFdhd6tb6bZy3V7OtpBHgF3JxknAUAckknHua+ftPvms/hv4Avbq48+TTPEawPLNJlvlmmibLHr8hHJr0b4uabqF14RhuLS2mvWsL2C7uLO2dllnhQnzAhXkkBsgAjJWpA2h8TdCmsFuLK6fUJWvPsK2kEe2c3G0ts2SBSvygnnrg1ymqfFDULjxB4QtdK0u4istUluo5RdOsLhosjayk8FCC3HXpzWBNo+h+LtBv59P8ACGsTabcXtu88jGWHU2lCvumXc2cxjZ83O4kjJqWw8E+MDo/hu9Wf+0r/AEfWJ54E1h/LlksnjZFWYr1b17kY70AX2+L15qetW6aXo41XTpL2S0dod/nQFSyLK/yFdhZGJ5yBVz4c+JPEvi+6v73UTp9tYW9xcacbK3jcuZY34bcR/td/Wq+i/DzxRouqXVjb67bHwlNfG+MDq4u0LOZHhVgcFC3c+prp/BnhC48LTawX1KO+j1C9e+Ci2EQidyNwHOccd6sDodwOCRQTllG3jNWVRVxzx24qF4QWzkjmgolXHIBqGSMs27PHTFTDCLUfmBjjFAEa2/HA4p8cKqQGGad5hWmmXqzcCgCRhj6VA+OuKUzBl4Oc9KrNP82O3WgVyRuOBSYVe3NQvdMfaozcHr7UBcSaYbulLHJkZqoZMls+tSw/6s0rBcWWQdzVO4mK9DU1x93J4qnIu7kjAx1phccs4KjjJxSNL+FQRo3mcdKc0bbhuPHSgLEu/wCUUjTbQKUp+nFAtTIR8rH6CgYqSknOT0qReBk9PrTXiSzjLyMkKDq0rBQPxNZGoePvC2irm98SaXbtnGw3SsfyBoA6CMFiPSp/LJxk4FcZ/wALm8KE+VZXV9qrYz/xLdPnmB/ELj8qefiVf3AU6Z4D8SXmRlXuYUtEI9cu38wPpTsB3EcW9eD+VSLbmPBBrh28RfEC92va+DtM04MPvanqvmEf8BjU06G1+JN+sivr/h7Sxxzaaa9wy+ymQgHFFgO7EJY4J5NSi1dvl2MdvXiuCbwF4humb+0PiPrcwwA0dhBFaKf++QT+tR/8Kd0C4YHUb/XdZb+7faxM6H/gCkD+VMdzq9cuNGhs5INZuNOjtn4aHUJYwjj3V8g1zA+Jnw58LwCztNe0a2jjDYttPTfg56hIlOW7DParcHwl8F6bta28L6aH7tLbiU/X5ia3LHTrHRx/oVjbWg9LeBEH5YpiOUb4yaJcpjTtK8RawW5X7Ho8u0/8CcKMfjUC+OfEeoMRp/w/1EDs+o3sFqufcAua7aS8aZXyWIHONxwfzAqktwcHGRk5x6UyzmVvviNfKxGl+GdHXGB591PcsPwTap/SoRoPjfUFBu/G1rYsOsem6NHx7B5GY11bTMTjNG1gpNK4HISfDee+Y/2p4z8S6khPMa3awJ+SBTimp8H/AAjkG50yTUZAc7tQvJ5/0ZyK63cxbGDTtpZuBmi4GRZ+DfDekD/QdA0y0PrHaIT+eP61pQzeSm1PkVeAE4wPpnFTyJ8vvUawZXNFwPSC3y1BMCVbn0qUsOOaikpvQg8as/F8/hvxhruoarPEdFvNVuLNykbme3aC1V1YFfvKUVhtweTmruk6hp/xH8TeICsy6hpDafaW0LKrhSkjTO/BAbBaNcrjnZ6Guwk8Eac/ig6z5kwlJ80WoYeUJzGYvOAwSW2cYyM1ha94duE8Tao+nXQ0yXXNMW0W92CUQ3MTkqSOmDHMfqY8VO5JX8F3OleGLHXLt7u10nR7zVZWslmnSKMfu1DLHk4wZVkIA45rmvix4wn0HxfoGoQ38MdvoZjvLy2aUAzRXLGEjGedqKz/AIg11/h/wPc/2c2neKLrTfEUETRrZKdPWOO3RVI+4QRu5+91NUbz4atq2m+LY9RtNOu7nUg8dnMQT5UPkiONSxQMhXBPyDkmpAXxl8TNR8Ka1NpVvoM+sGPTW1MzR3axKI0YCXIPcDGPU1Rk+LkWuaZrsN34du/IOkDVIomuULX1m2VJJJ+QgYOOuKpSeCPFlzcadcXiabdXVvoVxpMxju5FEsjFdj8p0OxSfqahbwV4kso7ZJdNt5Vj8LNoRZb0fNcchH+793A5PvVaCNSb41Lo9ulvZ+F9TvY4dFi1ZfJliQC1IGcEnjZgDnritu++LIghnl0vTLnW4bWwi1W8+zOsTQW0g3KNp+9JhSQg4wozya5Wz8DeKo1TztJt2K+FDoh2X8eDOAQD0+7x+tP0HwD4q8JYuLawhvjqWh2+l3lqbpB9nuYlKrLk/K6FG5xzmpA9a0vW49a0m11KwkWe1uoFlgmj7o6/Kwz3yeh57V5jb+Cl8H/E7wpeaHdXT6lercnW3muCy3UYj3GWVScL+8MeMeuK3PDvwP0LRbXQZZrc3GraTa28Md4k8gUvGuAQmQMZGOQfWqWg2vxAs/Ec9zeeG9Ihhu7mOKS7OpLMbe1U/LEiKq5IBY5LY3HkYFAz0vxDql7b+E9UutNWK5v1tZJIovP8sZCkE7l56c46ZrxLwX4rtPBvhXwnqn9kWVrr+raWLaO+mvGRbm3UB5JbiRU3Bix4ADElutel6f8ADXQfDsOq3+g6JDHq17bSwOHndPND5ypJLKoJOcgD0rjY/hb4xsfCPgy50xtOtfFXheN7fybibzLW8hddjZYAFThVI96ALFn8eNQ1yHws2m+Fi11rN3PpzxXd5sEFwib1C/IA0RJV92O5G3IqbUvi3er8LdW1a88OWEt/ourjT9SsbicvDHiRNsqErl/mZCO471o6j4D8Y61deEdQvJNLm1HS9Se/uLb7Q4hiVoxF5EJ2tn5CSXPUiqGpfB3xJqfhzxtprT6RbnxBqa6lHKskpEOGj3IwEa5JESfmam4jWt/9H/aOvYwmftXhpSVZc+ZsuCSDxycHJzyRxWLpPirU/CFv4+0HSmgji8O6rE9pPfTZhs7KchmPzdfLO7avuorsZPA+rL8R7Hxhc3mnQwQ6QdPvLdFkDEEl5HDnoqsoxnnGa5k/Cmb4iw+K9Zi1KTR7jVtYt73TpmthKpitk2wtIh5ZXIc7fQqaQzPsfi34jv8Awv4ymt45NRv9DvYo47uGyaOZ7RgpeUW7ZJdELYHQ9cUsPxc1HUvCdidL8Q/8JHNqGuxadBcBEt7q0jaMs0bqVWNJAVIDYxh/aun034F3ljqWu6ivjDUBd6pLb3JkhtYk2TxbSHxwCp2bdvI2nkE81oSfAXQ9W0nWrbWpGurzVrmG8nvrJPszRTRACN4QpO0gA9euaenYR5l8SLDxha/DPxWviHU5vsVpcWt5p5W7RrsJ5yq6XBjQblVslcfTtWz8TmuY72/0+y1fUtSntNBe7S0S7aE2zKzH7VNOG/eHGAqFWzjtXo1n8GdK/wCEV1XR9Zv9S8RPqcaw3WoalPvuCFI8sBhwFBGeOneiT4G+Ebi5tJ57a8ubmO3NpJJcXkp+2RZY4n5G/DMfTHai4HnsckvjbxF8I7jUr3UWh1zRpl1KCO8lhjnkWBGyyqeCTuyR1zzXIah4VsLb4Y/Eq4KzNqHhvXJYdJmeZybBVkicCPn5chmGRnODX0NpnwX8HaOukC30nB0nJsW+0zboSeWIJb+LODmtC1+FvhC1W8VPD1hIt04kuVmhEiznd1YN35wSaQHmt4uln9oTw7NP9lA1jwzMlyZWXE2HUjcT1+UcdyBmvN9L/saz+B2k3SfZlv7HxfHIDDs88Ity2XBzwBHgAdMGvqaDwlolq1u8ekWIeJPLh/0ZNyqONoOOAOBgVet7W2tUPk28MCn/AJ5RJGAPoBioA+f47pvDev8AxD0vV7Sa4i1+Zr/Tp7e2eaG/ikhCLGpUHkD5dvQda2fBfwU1RfBXh+x1PxFrOmT2lisEtlp175aA7i3IHBID7eD/AA17M15CseDJlM8ZyME/h79/WlglXt8qj1GKAOF8WXer6xZa34UfwleXttdWRtY7+aaH7LIXUDe2HyNp55DEkZGKrXR1j4c/8IHoWnwWuraWzx6bcSSSMLraFVBJGP7o+Zm9OK9Klk2rnGccf0qHz1kUyHCGOMnzOhGe+R7fiaBnDah4T8TeM92m+IzpEWhreR3LnTzJ51wsbh4o2VxtXLKuWHPWu3Om2zXH2jyIWfcMSFOTjBzkjPHAH0rmZPih4at9O0i+GprLaavcJb2LJEzCV2Ypwf4OQTlutdWs6/MdyhcZJxnj1oEeW337OukTR6zYW2t6zY6Bq8v2i60OGZRAJWKsWVyu5QSucdq6SD4W6Cut6brAuNUkvrCzFlBcPfynEODlSOM5z6dhWJf/AB40TTtas7S60rVrbR7m7+wxa/JbA2Tzbiowd2cFgQG6GvSlDMz9WbPPfmrGcdbfB/wdZ6cunnQ4Z7HzmuDb3DvKnmHqw3E/MRjnHXmtuz8MaPY3hvodNsob0Lj7XHAokx0xuCgj+VWLzWrC1uorKW9tYr2UgRW0k6rI5IyAqk5ORzxXmqfEPUtG+KniXTdYu0bQ7HSYtRjXytv2dfMKuTjlunJqRHpk0cVq0jrEsZk/1jKu1m9M4HNQvIJI8sAdvbgAVy1x8SdO+y2M8CXl8b7dJa21paMZpVQAu4VgpCgMpyeu4c8ismb4j2tza6MNGtZ9Rvdbt2ubaxO2B/LThmkZj8oB4+vFOwHfi6GCCwGPeszXfEGn+H7GS91O9hsbZeGe4cKpOdoUEnqfSuT8H/ESw8U2F5M7NpF3p901ld2l6UjlglGcr8xG4HBI9ua5v48JZa98H/EF5Aba9S1tRNBcQlZVQo45Vge2COPQ0W1sB6k9wI5ANwbPp/hXD+MPjHpXg3UvJvNO1SaxSZILrVLe33W9s5wArk9cFlBx0yK6bTZft9nBOjF1kiRwxOScgH+tcX8atL1/VPA15Jos1j5dkf7TubS8gYreLCQ+wkMAFOzByCSRQkB6E3y5ySyjPPbg4rz/AONHjmbwP4L1K807UdNtdXigMtvDfFC8qgjIRM5J6847VauPGHim+0/SL3QvCUN9FfWMN5NNc6glv5UjqGKbduTtH515J4i1zSrq3+MWkeKZraPWmL/Y477hnt/J/cGEnGfnGRjucnrRFDPWtP8AFUWoeL9JhPiBFuLrTfNfRFVSZMgMZ844IBwB3qvcfGDRLS+tUeW4S3urv7Da6l5DG0kueR5fnA8dCAQACRwa8203WLfVPFHwo1CJ3ikk0S5sLq4SFy0DNAgTfgcfPnBPbpUNh4T1nUvhSPhvqOj3lvrFverAL+SEtaeUtwsv2gTYwcpkBQd2SaYGp4V8VT+DPFHj3SNOhfU72bX1NlYyXJDsrQIzF2If92g3En3rU8TfFzUNK8XSeH7c6Rp2pC0guEtdSldDfbgd6wvlUypGORk+lcxr3wh8T6h8RfEninRbb+x9U863m0u+uLhRFMVjEcyTRqWPluADjAOV966fxp8Ode+IVnNbata6Ktpc28aeVIXlm0+YZLSQSADOflIHquO9VZCK+teKtd8RXXjSPw9qEemDw3N9mitpYFkW6mEQlcSt1UMBsXHTBNY+neMf+El8ffDjxMLVo5NV8P3uYYtuA48uQqpPuTya6yT4OLa6tqN5o2vXWmR6taLZ6lCYlkW52qU8xSeY5CpbJ71tSfDHRv7T8PXsZvLX+wYjBYQwzFUijKgMGUD5iQB1pXGch4i8R+NfE3hzUbGw8EXmnSSCOINcalEpljL5lAIHynZxk9dx9K5HwRB4vj+Kniywi07TdCuptNtJjG0rXHkbY2jg2ADawJ+8GxjtX0OwHsPaoJLWN5DMIYzMU2mULh2AOVBPcA0h2PGPiboXif8A4VVrFrq2pR+Ib15raSzh03TimwrMpZQoyW4BOWxitqKG/uvjHHrkem3w0y80GO1N20JRUmErSBWDEEDYcHjqa9Q2qq4+96ZAP41Fc28d1C8UnSRShJPXP8uKfSwjwibwHq3i1fF9zo62qvd+KIr6KS5laONktdmWBCnO51IzmumvvhfrN9rniq9uNQsbW21/T0sWhjjeVodqsu8EkZJVyPwFejWtvbafZx29rF5VtCuyKPIwq9wfU0GV5txJB560XYHmTfAuwvINIaTWdUsNT0+zXT21DS5fszXduuNscqjIYDHXriuqu/hv4avLvSbqXTE+0aXF5FpNvYNFHkHbx97kAjPcV0i8Lz1qKabyzyM4ouBh2Xgbw9pVr9lt9Gs44N/m7GTeN55Lc989614wsfCrsC8Db/LFMmuc4AXO7moVk+UnnOaQ7Ft1XJAAGOc4x+gpu3g/4YqDzCSOaTO7OSaAsOLKu6m+co5qOZV+Y7uMDNVmf5uOVx1p3Cxc88EjkUNJv6cVUX5cZqdc4BIxRcY1pGXIPIpY3ypakkjJyc8UxY32kc5qgAyMzdeKkZf3TE8jFQXE1vYQGW7uIbVB1aeQIP1Nc1f/ABU8H6WWW48TaajjqscwlP0whJzQBuNI/mIFzjFKFc4B9K49fjT4eugBplrrWtN2/s/S5mU++59o/WmSfETxJfKRpfgDUih436jdRWo+pG5jQSdnJCfXnrUSwt3OV61xa3XxLvBlLDw3o8ZPKzTy3Lj3+VVB/E0j+GfG2psWvPHK2vYppelRxnHszsx/SgDtPJLNwMmori7t9NRjczw2w6kzyBB+prjpPhRBeR41PxR4k1ZT1SbUWiU/hGq/qait/g94Ks5Fb+w4bxxyZL53nbP/AAJiKdgLupfEzwhpjlbnxLpYbP3Yp1lbPphATWc3xi8PXDbNPg1fWW7f2fpsxH5lF/nXRWmhaPpbf6FpdlZgdPJt1X9cVe+1FvlBO3rgkH+lIDiz8QtZu4ybDwJrDtnAbUJ47VT7lWJP6Ujal8Qr6HMWleH9IT/p5u5bh/8AvlFC/rXYSMZMdhTlUsmMdKdyjjRoPjm+RWuPGNtYZ6rpulpkD/ekYn9Kcfhq91k6j4v8S6l3K/bvIQk9eI1BrqXZlYK3A7VNECcikBx0Xwf8HrMrT6SL6QnLSahczXOff52IrqNH8L+HtJkxZaLptn6GG0RD+YWrhjO7oant4Txx3oFcvI3lqBGu0eijH9acszbiASeehNN8st0NOS2LHJ/SncYSMzEDcR7U+FjGhA9ealWADryalS3HQ0wKxY7WIOeaYrbWX1rQ8hVXaADTXtQxyBjFACctHnHNU5o5ZM4+XjvV9UwAKZJnoMU7lWM6O1baQaX7EFWrnNFFxlJbMKcmpvJXb0qR/vCikBCsQHYUNCvUYFSsopm3d1oAh8vGc4IqHG339qsv6VXkG3mgDuWIA4NRyMQuW6U3JqOdmkjKjrVyRBjaZrk19eazFLbi3/s+6ECssjMHRo43ViDwPvkfXitBW+YqVb5WDKpA69Bj34P5V4t4ymm0Px5qur2Uksd/HceR8rEDadKLgFBwfnjBB6/L71UttN1+b+wtNtfGFxBa6tK7xfYZzM6RPZlwpkfLYZoywAGAHcDqKkk9ta4iVim9SyKGIDAkKehPtwefapFm29+DXgei+ItXuP7T1w661ndto2my3EjoojVvOlRyiqudxZHK9i7gHrVmx8ceMdUXRbe21C1t7m5m1S3mlvrFDKTbMdjuqnAfAAIHGTxU2Ee6hgMgjBJwDWbofirRvE32oaRq9pqn2R/LuVtZw3lN6NjPofrXFeH/AIkaF4j0bRLDVdStbDWda0+ItYx7kkPmxkNswuOPmwM5pljp2naH8SLrVLaCDSdO0vQRa3zIRHEGMnmIGPCnYi5Lf7YFFxno76xYWeqWmmy3dumoXStJb2rt+8kVc7mA64GD9K043VlyOB7npxn+VeJfETx5oFpq3grxHbapaXen2t3eQG5tmEi7mtmHl5B4Jyp9ia2de8b+K/D2h6fPdwaVZ3ckU011cTF2gtyq/u4fvAs7MGUFSRxwKLCPWlkA4Jxj1/z71Fo+sWGvWv2nTL63v7XeYzJbSK67x1G4HGa8dh+LPijWLzwtBoOi6c/9uaO2pL/aF5ICuwp5i8DoNxAI6556VzfhXx14g+Hul6/erotjdeFLTxReW92olKXSCSYfPGB8gVWZOpzjNFgPpjdHHgZHOO/rVPTfEmk6nqF/Z2OoQXN5p7Kl5DAwZoGOcKwB6nB4Poa8j1r4sa3Dpuva5plna3nh/Qb17S7ikZ/tNyqFfPdGDAIFDZAIOQprAbx81j8XtctdDaCTVfEFrpsmnJcKTHIvluzs3I+UR7vlyCWxSA+kFmC9MD2zmsy48baPY3WqwXV00U+mQLcXP7p2MUbDIIwMNn0FeQeNPiZrXhnxHZaTJqOnadcyWSyWt9qFowttQn3sHi3l8RlVAwCc8itu18TarffEPxL4fvRanT4dJS7ttsZEv7xmRg5LENgg9uMioA9Dj8e6NfadoNzBJPcWmvELaSRwyFeVOC4x8q7R37mpvCnjXS/Fq6gmnPKP7NunsZo7iBoikiqCcAgHFeB+EfEms+Hfhr8J57O6iSxvrqDSr6CaEOzglznd/CB5ZyOuTU/hnxPPY/FzxX4Ms7+TRbvVtd+1x3xjGCq26F4U3AgzOMAA9AMigD6W89V+ZWGOvt/nmplvEKgllyeBz1+lc9rkctr4cvJP7QW3mgtpCl9d8qjhTiRxgZA+83AHHavEPAfibWl8bWmmDVb+XTNW8Py3UcupMxjmuI2UC4jjyzRRksTt+Xgg4AoA+jbi6litZHSIvMEZo1J2gtjIGT61iweNYLGw0U67CmkajqUqQGzjkEgWchjtDd1AAyfpXh3w1vrm419/D3iFdY0nxFe6TLB5jX7z2mp5wxuLeUH5HwCSo4G7jisGytrTWvh/8HtU1aNbyQ6wNPuLi8dn3QvJMCrZPqgJPXNVZAfWEMjy55+nNYXiLxhLY6ppegaeynVtQkdyzgsLa3RQZJcHqedoHct7VraTt8lGtyjQFQU8vG3bjjGO2K8515ZrT9pDQZ51KW1/4dureF+3mo+9gPfaBUXAofEr4rX0Pj2LwppPjDTPCd0lvGZZ760Epmlk3FIwxO1NqYb6ye1eqWFzcJbxQ3H7y5SJVlkwAXbHLbR0z1rz74lXngrXrHWPCepiHUNYkgKppvkM1yzsoMflHHUHncM4Aq9a/DzxRdeGtAgbxhfaHd2emxW1ytokcvnTBVyzOwz2PIqRlXXvjRo2m6hqemwwatfalpaLPPb2Vi7MIzyzKxONo28mm6X8eNMvdc0IW+m6hFoutOsFlq0kCxwtOwJCEbt+OCOBjINZsek6lY/GLxBcvpuo3lhdaFDbi8+yMyTTxMTjJIGSvJ7EnFcvp/gPxXJ8MfA+lR+H7oaloerR3U8M7wxgQxyuQVJfklXoA6/xN8e4tHvL1dN06HW7bT7kWdxFFdFb1nDbXMMQViQu4DOeSpqrofijxbrXxU8Wad51kbOC1tXt4ZDKAEdXaM8HCsxOXPQEYqew8C+PvB/iHWrTQZNLufDOtXbXoe/lPnac8gxMNqgh+TlcHAxXRJ8M9a0r4iS+JdM1a3+yXdjBa3sFzEzTkw52srBscg8igR5lr3iq48YfA/RtfvbaG3vYdetS8dunlxxMl2yALnoMdc161ffEnRNM8UR6HIupvdvMieZFp0rwqHIO4uBjHzcnoMH0rlbH4E3Z8Az+Er3XIRbG/N8t5aWeGGZDIUALcgOTj2r1y3glW1ijuJFmlVVDTFQCzbeTgdDn8KBnnHj3T7bxZJY+E4FiWztbq3vtR2E7IIYzuSPjoztgDvtG7pWjN4n8U/25BDp/hePU9GkeJ/7Tk1GMBkYDcwTGSRliD3AFZ97+z/4Tv769vb59UvJrqRp5fN1GbazHn7inH+yOwAzXoVvYQ2MKQwAJDGoSNV6KoGAB9BWgHzdcXVl4l+GXxMtdfeP/AISyz1G7l/fkLcLICDamNiQ2DhQAo9RXO/EC18S3fj7Rfs91BNr0Phe2lvrG6OUvJYZA7W8p7F+Tz3UDvX1HdeH9JutUTUp9Ms59SVQi3bwIZQB2BKnp9av+WjNv2oxH/LTaCfzxmi4HgXizUtH+Kej+Fr/+zPEuj3EfnPFfWNrMlzpE21DtKqvzoxGMqCPlGai0fwn47sbvwf4su4f7a1Kztp9N1Gz3JDcy2jyFo5hn5BIAVynXg17+xMnJY4/uk4H14FRtGADj5T1zSEeW+G/hLY6lfeJNT8S6RbTvrmoC+XTLgJItuFjEaklRgvyScHHXtW34q+H8V94L1Hw5pKWujWl7E0GY4CUhVs79qKRk855712WRu3AimyMGQetK+twPN/EvhPWv+Fapo+naxeW+uQpDFDqGmhYHkZCFTzMk4T+9zzjrWpN8O7bUbxrnUNS1O5SdI1utN+2sLGR1VRuMeOVJXOP9o5rqTIqVJHIp5HJpoZEsYjUABQoGAFXaB9B2HtVK80nT726ju59Ptbu5iG2OaaFWdB6Bj29qtXVxtzxVVbrcMFMH3oAl8pEUIEVVHAVVAUfTjNNMYxnAOKimlZV+vSmSXJWIDo1AEkgU9Tio2ZV4qnJcMzcmmLKDIckmgC19oQkqB0qN7hWPcVCFGSRUDK24D1oAnknAYAcj1pzTbVwOTVWRgjKpHNTMAD6E07FDTOdpHQ1UkuGVgM5znmppIzuPPNQtbtxwT+FOxL0K8czKpU1PHIFjPHNJcQx2kYkleOFepMrBR+tc/q3xG8KaMSLzxNpUBBwY/tKs35KSaLAboPmL1IOelQTB1kxyc1xc3x28Ihtllc6jqrZxs07T55c/jtqJvilql/kaV4A8QXfo95ss0x/wPJ/SiwHa7MbCTjrQqjZ171wsuufEjU1P2Xwxo2kA4xJeai0xX6qgHP0praL8RtQZ2n8WaXpSvx5en6eXP5yE0WKO+8nJOBk98U1tsKs0jJEq9WkYKB+defzfDPU7xSNU8eeIr5sgGO2nW2jI+iAY+goX4I+D2mEl7ZXOquDkSajezznPuGciiwG9q3j7wxpDMbzxHpMO3gg3abs+mFOTXPyfGjwp5hSzurzV37Lp+nyznP8AvBQP1rdsPAfhbSWX7L4f02Bh/GtqmePqDWs7RwxjyUWMAnARFX+QqRXOKX4oarqHGleBdfuhjKyXxjtIz7/MSaQaz8SdRz5OgeH9IRujXl288i/8BQKv612kUx8kgdc1IJOBnrVhc4xfDfj7UkzfeM7XT0xjbpelpuB/3nZv0FRP8JzfYOseLvEeqjvH9uNujfURqP516BF/q+eajm27c5Oc0DOJtPgv4It5hLJoUV3KOrX0sk5J9fmYiuj0/QNF0fjT9IsbL08m3QH8wBVtmO76ikUHcOOaAJmm3JtyRz93OR/n8apsPLZuOCc8VOVdjgDFL9nLLzQKxFG3GMYqCXBuAORxzira25j681FJFh9/U9KBFRxt3cnGeKh+fsvFXygbqKY21Ogp3AzzCzbs8c1Gtu24/NxV5l3c03aBSHYrrCcDmnrGV4zTm9qF7UDG/Z0ZssuT9anjgC4xSKw9KcrfNQBLsXjipVUbflqPOaljI2nmgViaEgLyOamj61XGABg0+NjuFOwy1T1qMPnvTlbHvTBaktJv+XGaA/y+lRGQZPFBVhd1RO2OlDNnpxTaBjvxpuTzxS0xmI47UALuDc55FMLcmm/dOaazUAOLUzdSZ3UknOMUAIz9ailb5acylR0qCVuKAO4/GopG64p7SD0qCRtqk1cmQY114V0W6vlvZtKtJLwS+Z5pTaS4BG5sH5sglfoTXBa18NtO0e48NWWhWWoWNgNSluLm509y0kO6F0DktztBYDaO2a9Ilm+brSC6C/LU3FY4rWPhDo2qKnlTXunNHZxWifZJxtHlPvikwV5deRk8c1T034Q/2TqFre23iG/aaC6ubkJdIsqs86BX644PJrv2mGOtN86kIxfCXg+Lwn4b07ShcfbGsovKjumhCkAFth2g87d1YPhDwH4g0G9K6j4ph1nSmeaSez/stIftLyKwy7ksxALngjGFFd0sw7kD6mnowMnBBqQOM8cfC2HxV/YdvawabaafZXMlxPaNaqi3O6No9mUwF4YnJHUj0rFX4VeKorXw7G/iHT7q40fzreO6ubd33QSJsVyuf9aijaGxhs/NgV6ssnYnFIJt0pX5cCncDzTwX8J9d8P3nhJrvU9OvodFs7ixKiOSNpI5CvTHGQETknkk1cu/hLq1wmv6Q9/ZP4c1nUW1O43KwuwxZHaAY+TaWjU7s5616Xbtuj3HA+lWY5Efocii4Hl03wh1CRvFGnafqFrB4c8SSGS7t72Myz2zsAJmiYcEOAMBumeKreKv2fZfEmt6hex6jb2MRs7e30+WOBpLmxe3JaKYNuG45LAr/EDXsKuijPFWIZkXnIqLgeYeIPhTr/irTbrT9Y1nT7u1vLNLS6WSwY7XUvm4ixIdsmGxwADgGte2+Fdzp/jKbXbbWVCtpSaRHbyWgYqseWRy275iHyT65xXfeYG5zTvOCjHVqQjzC2+BM9v4R8P6IviNz/Yd8L61uEs1ViwdnRTk8qrM/wCBAqzqXwA07xBda9cXur30kmrXEF3uWKGNraaJcK0TbMrhfl5POfavSoZu7HirH2pFXO4ED36UAV49D+2aE+l6rcy6vHNbtaz3NwoSSVGUgltnGSD2FcXov7P/AIT0e80u6YanfS6aGitRfahI+2IgfujyBtGPl9DyeK9AW8QxlgfpSx3yOuT2oA5nQPhLoHh9YWt0vLx4bZrWBr27eV4YW+9HES37vOB9BwKu2fwp8K2fh99DXR4JNIadbhbSd3kjjlBGHXcSQQNx+proYbpXOBxU0zHycg80DJbO3ito0ihiSGKMBVjjGFUDgAD0rL8WeGbfxNDZuZXstS0+cXVhfRD5reUDB+qsPlZe9XlcLt4ycetNa5IY9+agCzbwuywtN5JuQo3vHGFBcDGVJGQvoOwq1gFaz0vgBg9e1SNcOi88E9KBFz7vHek2nBbqcVm/2hKrMjsOKmW4dY0yevWgZbtZt2cZyPUUrXhE2zHWqcJ3K3OBntTVysgye3BoEXTxyKTzC30pke/BHpUcUmGYA55qrAPmfauaqTXHl7c7st0x0q3cxlojxyO1ZTh28vPY9KQB9tkWRuM7as29+rSKjcMRwPWqaqdzEgUWyBpg5wSuR8vamBoO+7pxVS4kbDqDzilllMaqF5XpmoWiLMX+Y59KYGftbCnJOOozU5dTsO4gVI1q0bMzIyqo5LDFZ95q+madA0t1f2VrGvVprhF/maVgJuOeSasq4WMYGOK4i9+MHgTS8mfxVpaEfwxz+a35ICazW/aA8JE/6CdW1bPA/s3SZnDf8CO2mM76RXZjnnmotr9QOBxXBt8YNRvMDS/h94kvFb7pvI47UZ+rOeKil8WfEi8YfZ/BGl6aG6NqOr78fURqaAPQWiaRQfQ1DOh8wHaTj2rgXh+K2pqRJrPhnR07i3spLhvwLkCk/wCFe+K71FbUviLqig53Q6baw2o/MAmgDvvs5uPmWNiOpIXpWZqGq6ZpLFry/s7Q4/5b3CJ/M1xj/BPRroA6prXiHVn/ALt5qsuz8gRVmz+CvgayyV8P2c79d9yXmP8A4+xoAsXnxi8D6buWfxPp3mLwY4JDM2foqmsx/jr4ckQDS7PXtakJ+7YaXKAf+BELXY6b4X0bSIx9i0mxtFAwBFbIvH4DitEN5f3Sqj0AA/kKAPN2+JXiLUCRpnw61qTPR9SuorRf/QmJoXUvijqClotC8NaLGT/y93UlzIPwjAB/Gu/eY7z9aZJMyLuB6nFO5RwK+HviJfMwvfG9lpyn+DS9JTp7PIxI/KoZPhRdX3Gp+OfEupIVOY47pYF6/wCwFNdxNIVkxnqKh88xso3dTjrRcl6nGf8ACifBSyeZc6XJqU2cmTULuWbPvyxrasfA/hzR1U2WgadbEdNlupP57a6C6b5MDqDVdNzZ+Q0XHYWLZGAEjVFXoqKBj8iKJJG3cHk8mkWNlY4z0pJIWbHBBqgsNkkKjFR7sRsepp/ksVweuaeYRjGeO9AyhJNheuTUyNuhB61I9qmOlNaPbHtWlYCspLOQQQKj8lyTkHGatFORS/jRYViGOILnvTvLA5HJPNSMucdjSr8uAaYWBYysfXmmKmOetSsTioyCWznigYhi3NnvQ0QznvTgD60jNQAcUfjUe6kDc0CuSScLzVaQjjmnSPuyKiagQxmqKQ5FSNyCDULU7AM3VHI9OY1C3eixQu/3o3U0Lup6rjrxSAVWNSKaYe1KtAEysamjPFQfjUqyBfrTsBMtTR9DUEbbmFWY2UZpgSLxUimo1IpT1FALQkZqhLcnihgQ3JoYigsazUisT9KT7xxS8CmArNTd+5cUrLmo8H0pALuqJ+tSdV4HNRNwRmgAXrQW560LyeKRl+agBkhY/SqkrYqe4lC8ZqmzBu9AHeN2xUNwD5fXApzNt6Vz/iyx8QX0du/h/WbfS5I9xmju7Tz47gEDAOCrLjBHHrVPUgusv7zH8XpUUilZDkY7Vx/9pfEjTWaO50bw/raL/FZ3ctsX99rhl59M1EfiF4hseb/4eaonGP8AQLqC5A+gDLUvQDsJGKqeKg8wnnJrkG+L2mW6/wCneHPFGn4/in0pmA/74Y0n/C7PBcWPP1K5sx/08afPH/NP60aknaqxYYPJqe3XEgJJAxXGW/xn8BT42+KtOQntKzRn8crWlb/FLwVJjyvFmjk/9fij9SakDqZByG3U6NvMznjisiPxr4buVBTxFpL5GRi+iOf/AB6rUfibQWYf8TnTSSP+fyP/ABoA3LVglvjOR0p0TMmQMYrNg8QaSyfLq+nkdNv2yP8Axq5DrOjlSW1bT93/AF9J/jQBbDHZjPNP528E9arLrmkBSTq2nj/t7j/xpv8AwkWiryda0xf968j/AMagDVhkZyFB5xU6q0j/AE4rFXxh4dhyX8Q6THjub6If+zVB/wALH8KK2W8U6Iig45vov/iqAOkVWVcZ78iopFZ5GSNuTya52T4ueBYcrJ4v0dSOD/paN/I1TX43eAI5iz+L9KYDj5ZS38hQB3aqdyqOw5FO27ncAfLXCN8fvh9DJhfEkE3vBbzv+HCUrftCeCZMeRdaledv9H0u4f8AmtAHo1qwWbGMgcVemkby/kGeOleTn48aLIxNvo3ii5wcYj0eT+uKtL8aXulUWvgLxfN/dJsUhz/301Aj0N5Hbb24qWON9pY4JrzsfE3xVcDFr8MdYzn/AJer63h/rT18Y/Ea4ciD4f2tsCODea0jgfXYDSsB6DBbyNMXfhewqZotxUMT8tedrqXxXlX5NH8K2RPH725ml/kKijs/ipdyOJfEHhvSyOotdPklz+LMKLDPTjC3z4Kure1KkOOWGfavNovCPxDvObj4j+QhH/LnpES4+hZjTv8AhU+s3WDqXxJ8TXTY5W2kitx+G1eKLAelx2Zdj5QYnqRimyPHb8yukSr1aRgAPxNeYT/BHSZ8fb9d8TaoCelzq8hH44IFTL+z94DVt8uiG6cjrd3U0v8A7PiiwHaah408O2C4uvEWlWxHJ82+iGf/AB6ucu/jh8PtPZg/izTncdoGMv4Dapp1n8I/A+lIpg8M6SjDqzWyuT/31mtvSvDumWbt9k06ztkHK+XAqYHoMCmBx837RHgxox9jbV9Uz0+xaVM/P4rVd/jQ99IPsHgLxVegj5WaySAZ9csw4+tejTTGOQBflT2yP5VE1wzH+8O+4Zp3Eeev448cXYZ7H4dSREYIbUNViT/x1Qf60xdR+KupMWTTvC2lDPH2mae5YD8BivQ1mIdgRgdhUUlxs4CkUrgcCfDvxNvyDdeNdJ00E52abpAfj6vTT8KdfvSxv/iT4hmZvvLY+XbLt9MBTj8K7j7Q24nPFKk/8W7kjFOwHBf8KH8OzY/tHU/EGsFfvC81iYqfbAIH5VND8F/AFlICvhrT5pE/jug07fX5yRXbTN+7G0/WodofeSOopAUdP8O6Fpu37Fo2n2pAwDb2yIR+QFaYm2KdpIQfwg4/kah8v+6KTawUjB59qAJo5vOJDEHv/k1UunDTbewFSwxMrc8DFNkgDSbvSgZTcs0Lleuaj3ytznAHWtDyQFOO/NRNb9D0/rQBSlwxBJNOUjGOvNWpIlwOKRIlweOKdgIZc+XwahjR2OTnpVxguOlNHQ07DsUzGcjiopLcScZwM5q+y/nTCoweKLDM6SEMy+ozzVT7G29crnHOa03YA4xTTz0FSSQ429QDThtK8DBpzLxzxTMbelOw7jQvWmv94UNnd1601m28VQXGH7xpG6UNwM01m+WgYxgfWmdM0m6mM1AAab05FNZqTdQBJuyM+lJuLNTQ3FIjc0AS7vlpvPrR5ntTN4oAfuqNmokII44qPd+NADm6Zpv401t1IPu80EjGJ3UxpDu46d6k9ajPy5p2AZI9QbqkkqPYeOKYDdu4nNN21N/Cai9KB3BU280rMPSmNJSBqkLjqdG3PSmelPXnpQMlHWnKtNGfWpF6HmqAlUbQKmWqyvniplbGKALK0/8AGoozkGnjoaAGv94U09RStTGoHck3DsOaTb1J5FM59acGODTuUOoYDFM3cikdj3oAa7bajb5sU5gOCTmhiFHWkAm3CnAqCaXy1IJ5p0k21TiqFxNupgRszMxyc802mluRTyy/jSA7hmqNmpW70x/u1ZBHI2TxxUeevPNOam1D1AVeFwTnP+fSmMqsuGGcdN3IpWptTqKxDJpljOuZrO3mJ674Eb+Yqm/g7w/MSZtE02QH1s4/6CtNehqVR8tAjmpvhz4PmbbJ4a0d29TZRf8AxNV1+EPgiabLeE9Hb6WiD/2WuiYfvzViAnf+FAHPp8H/AAG3B8K6SPb7MoqeP4N+A/8AoVdM/wC/QroPSrEfQ1NwOcX4OeAVz/xSOkk+8AqaH4P+AhIP+KS0jp/z7Ka6Cp4fvCkBiJ8KfA9up2eFNGB/2rOM/wDstXYPhv4URU/4pnR0GARsso8fyrTuidgq7AcwJn+6P5UAZLeDPDybBFoeloR122UX5dK1LXRtIhwI9Nsox0AW3jH9KX+OpkHAPfNAFuOO2h+7BCn0jUf0qf7Um0qDs44x/wDWqlUbKPMFAFoZ8nLMxO7k5pschW6YDp2oU/usds0+FQ7HcM0AXftmOTU0VwGXIIGaoIAM1Zs/mjfPqaAF+0OshzjGeKWSY+b06jmmXPQfWmMTuoAmhkPl7ffrStnON/P1pkXpTI1H2pqAJlDeWSTnBprTHPysTkVMo7dqIY18xhjvQBWZiVUHnmrVvgMSM1P5Kf3RTlRVXgUAUriNmYEVV8iXdkLxmtZlHpUe0UAUfLJYknBpn2cyNz0xWjIi7elJGo29KdwMtrMrkdqI7Hb1NX5O9Rr1ouBEtuvcZFI0YjBAXipumcU1+lICGOMZzjFJIF3dKk9Khfv9aAFbbUTbeeKce1RtQAZG3pUJ+Y+1PPSo2p2AbMy9BzUW4rwBxQ33qGqgGtTdxHSlam+lBQhY7qR22qaaetNk6UCuRttbkjmozMFpWqq33qVhEjSb2pfxpg70ppgNk+bpULcZyc1LJwhxVXcaAHNTJPuihjTW+7QO5GKjkbrSk1HN92gLkbNRuNMbtT4+goC45mO2k3e9NkNQbj60BcsEnnBpm7DAd6IvWpAoLdKAuGwv3p3lBfeplUelDKMHigLlf+VMbvT2qN+MYoENbNQM3WrEnSqv9761QBvxjIzTWeg/dFNbpQAfw1D+NPao6VwGP94U5aQ/eFPWkAtPXiol5ennqaCh6tU4AwORVZamqgHr/WpYwWPPaoVqzDQBYiTAzinM23pQn3TUbMeaAGljmmlvWm5+ah/vVVgHZPpS7qX+EVG1SWOaQZGBzTXk3U3tTB0NWArNUbN8pokJ21Xf7pqAG3Em1etU924nNPc/NUb/AH6sBWHSmbvmqSo5KVgP/9k=)

Помимо получения этих сложных эфиров с использованием ампициллина, возможно также их получение непосредственно с использованием пенициллина. С использованием пенициллина G синтезируют первый соответствующий эфир, затем получают эфиры алкоксибензилпенициллина через енольную форму амидной группы в шестом положении с метанолом, н-пропанолом или изобутанолом в хинолиновой среде с пятихлористым фосфором. Это производное азометинхлорида гидролизуют водой с получением сложных эфиров 6-аминопенициловой кислоты, пивампициллин, талампициллин, бакампициллин и ленампициллин получают реакцией с фенилглицинхлоридом в среде изобутилхлоркарбоната.

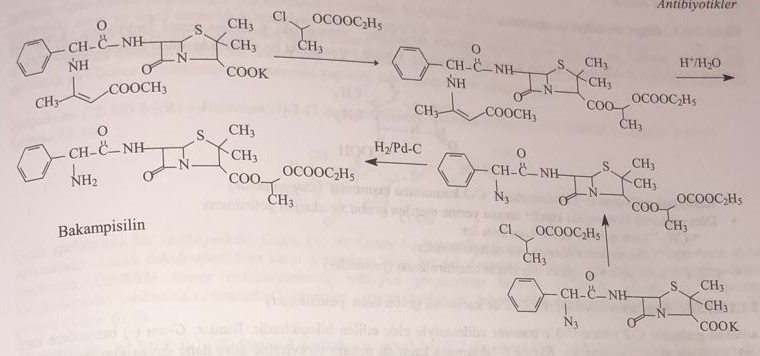
![Diagram

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4SyaRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjI1OjQzAAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAM5NAAAkpIAAgAAAAM5NAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NToyNgAyMDIzOjAyOjI2IDIzOjU1OjI2AAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAGu4AAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAtAEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A6RY9WcZDohUkfMOPu9R68mn/AGDUN8zR3KRmRiykDkcADt7dO9ZmxYudPkuZPM+0NESqBhHnnG7uCP736e9RpocYcvJcSyZ/hOMAZJH86AFh0G2jRQ7O7KpQNnBxuyPx6c1ZXSLPkmNiSQT85HQYHQ+lAyc2FoxbfbRNuJY7kB5PX+VSrDCFwI0ABzgKOvrQIkVURcAY+goz1GOaAH8+lOWgBRmnbT3oGGOxNIBg8mgQ7AzUE8pjZEiQPK+dqlsDA6knHTp+YoGQC5v1BlntUSJeXUNuOO5H061oDaRn1oAN6ZxkZ+tNaWIZy6Ajrz0oAhe7hXGZUGSQPm9P/wBRpwfegZcMpGQR3pARtIqIXYhQOTk4xWdPfy/aITFBI8B3bysTZ4z+n8+2c0xj/tkDbQsilm4Cjr+XUVlPf3ytD+43B9u8eWw2HcoI6+hP5UAX0lE0CSqCA4BAPWomPqKAIJACOlV2APFAG9zURuYlYrvywODtBOPyoESqwdVYMCpGQR3qUDPegAx704AUAL8uaN6qMnA5xzQIr2d/Fdwq6lQ5BJTPI5x/Sonvpmd/s8YZVQMrbSwc5YYBHpgfnQBZtbmWUyJJHtZCeQDjqcdfYA/iKtAnHSgBeQOKcGJoAaBn+KjzIQSpkXcBkjIoAd8p71SeZoNSTcu6ObCK2OVIzx/n19qQE+oXLWttujQM7MEXPTJ/zj6kVDHZFbE24uZQ3llAf4VOOw9B25oGNbTv3qzR+XGwwQqLtGQG/wDiv0pU0oLAEeYtjcN20ZIbOcnueTzQBG+jW7sTulGXLkK2AScjPT0P6CmXmn2EVvGZLWAkSRKXdFyfmA5OKAG3NrpsfkvFDaRsJQVZY1HTnAIHXANWGvbdWIaeFT3BcAimBRVIJ9SlnhdWYRoC0bdeW4OOtVJJ9TVoCiFg2PN3J9070Bxx6F/yoAvJJ5sCSbSNwBwe1RtQMrydKrtigDand47eSQY+Vc89B70yG2tpIYX8tZCg+V3UFs5/nmgRXgkdppRaxBod/V32gHvjg8dD+NI01/tQpEOvzrjp8w6dc8Z/zxQIaX1GSAOmYpGDEIwGFP8AD1Gcevf0pGh1IzRkXA2Ajd8xBI3IcHHGcBh+NAFho5vtMaG+mCsrMQqp2I9VPqadBEEu3Lu0u0DYzkEg85wO3agA1RYpbRY3QEebGo7EAuoOCPUEikcX0ZeOEsyrGDGxCks2TkH6Db2oAs2j3R3pcLypOH6ZGT/TH51Dfy3K+YIpxHhP3ZyuN3PXP4UAUjdv5sTLfR/KqmRPODEkdcAH/PtTyZ54TulmV3DjdHFLxu6EcYBXoOaBEn2V2eI4lYKDuzHjccggkE89D+dNOnSBmaKK4Ut6bQMZBIxu6cY/GgYQS63FqYtk09HseCZpZsMueo4znFbskMcqBHXKg5H1pAMFtArKwjUsvQnnFSk98UAO3ZpNx9KBjZpTFbvLsZyiltqjJOOw96zUUapJvmjBjhYYAO5HyoOfwzj8PqKALUtnBNH5TwJ5eclQMDNDRgE/u1/KmBQ82KO6dlz82IvlXjcCTjP/AAL9DUQ1S3YoFctvO1MA/MeMgfn/AJwaAGm9iYvltu0FjuBGMdf51E17ADtZ9rejAgj257+1AyJrmE4HmJk9PmHNRuVPSgDfMee9V47M26FIpSkeSQoUcUCHwW8cESxIPlH86kwBQITryaZLMkEYZhwWCgDuScAfmaQFJLVb2b7Y80pjZcRKkjR4B5OcEf5H0xZjsIFlZyu7eMMrcg+5z396AGXlvbiNAkMav5qFdqDJIYN/IGlGrWxJVS5ZU8zGP4ckZ/MGgCxZ3qXRkCKw8s4Ofx/wqfyoiSxjTce+0ZoAf2GKdnjpQIAead60DFyaXfxigAB9aduFABnI4ozQMUcjmlB3CgA20wpTApyWUDM7mPDMcnBI59eOh96rtploeTCBjptJG08cjHQ8DkUAV59KtZQ25T833vmJz09foKhm0uFyHbeWVg4JP8Q4DfXHFAypJpaESgyP+8IJ6djn+ZNV4rOWB4lWQGJFCcjkgDj9f50AdZTD0oJI2NIDxSAQk5pGVZE2OoZfQjNADlUIoUAAAYAHanigRE3kznZuDMh5w3Kn8OlKlnbg58iPOc/dHXn/ABP5mgCZI44s+XGiZ67VAzTgzZwaAHZ44pwoATmnZoAUHAo9zQMd74o4oAdkYpM0AKGpQwI9KBkEEwh0tZnyQkW9sdcAZNQrqkMkfmrHL5YIVmIACkkcHJ9xz0pgRyatbrPJFhjsi80sMYKc8jn1GKin1S0jXd5oYbgpA689P50ASRTxXMe+Jw6+opjigZXcVXIFAG5yKjYc9aCSM4HWmEHrSEIG7YNR2js9vuOSdzDP4mgBBewmURmQAscAnoSOoB6E064u0gwuQ0rcJHnknOPwHvQA2HTo47p7os5lc5IzwOO3HvVwA9KAH89TSjGOaAHAcZ9aUUAB60UAKSBTty4oAQt6DNP5IyKAE2mk+YHGOKBijP50oTjg0AVYyI9IDyKXjWHLL6jHIqpPewrem3uLSPa+C7q+4Y2u2enUeXTGV7ie2VVUaejqAUXn+Ebxg8ex/OrS2FtNCrG2jw4VsY+mPyoAkjt47dCkUYRc9BTJBxQMqvnPJqBwccUAb2DUTKTQSQtSH2FIQoU5PFZU7umkvs+952APX95jH4+lAGhNFamNRcCIICNu7AA+lV9ONsNGhLeXtEK+aMA5O0ZyPWgC7arcBG+0EFuMY+gz+uamAOaAJNvFAT60APAzxRigBDjdgg07b7GgBQAf4c07bn+EUACg46D86cM96AEINJ3oGCg5zilkZkiZ1jLsqkhQcZPpQBQ8O341TQ4LkQPErAqFfqQDjP5g1oNBGylSi4Ix90UwIxAFzwDn2oZcDAoGQuPeq7igZWkXmq7g46UAbpBqFid2MUEkZ5HSjFIQYqpZCK4tHX5JFMkgYcEffPWgB406AujNudY/uK5yF/zgdfSk1KzjmgV8Ks0bqY32gkNkY/WmBdiYSxq652kZGetOGaQEgFLigBwGOKXbQAtLigAApwoATpSjrQAMKjdljXc7BV9ScUANNzAjbWmjVvQsAfWplKuoZSCpGQR0NAwiijhjVIlCIowFA4FOpgIelRNQMgbrULigCs44qu9AzeK1E+M4BFBJGRTMc0CDFU9I0qHR7R7eHkPM8pOMfeOf0GB+FAGhjikZU2HzNuzvu6UgHqFCgKAB2AqJ7uBJNhlTcOozyKALA4p45FABjNLigBcUoHagBwFGKAKS3D3N1NHA6BYuCxQsCe4zkfT8KEuZIr4W87DDrlGCYBPp1P8Ake4oAtSSxx/6x1T/AHjiqd4YpoRIsyfu2wDuGMkYwfwNAFVrSxFukRuwYo33D5gSNwK8n0+ar1p5NtCQboFSQV8xgNowBj9M/jQMma/s0BLXcA/7aCoZ5bp/Kkto5Aof5kYBSw49enft+VMBG1KLzfJ2SC4Iz5RX5sevpj3zis+cap5RaNnEp3ZGF298Y/Tr/jQMtQyySJmSMockYP1pX6UAV3qpJwQMdaBmxeNny4MhRIfmJPbuPqcgfjVaTTbSISzDMbYJ37jhO+QDwMYoJI11OLyCzpMGUfN+5cKSDjhiMY/GopNViiaUPHIPLDE4Gc429Mf7woEJJqTI6xrb72LBflcc5BOR7cYz68UQ6nLNOI1tW2shYHdg9FOMHH979KALSXMjlwLZxtODlh/j71G0b6jbSpMTHG2VCofmGD13evHagBs0l3BLFCh8xXBJbA3qBjoOh6+2Peo5P7PXKvJJt3yEfKcbiSWwcdc578UCNSBAkWFbcMk5+pqYUDHik6mgB2KXHNIB3FIeeKAKNvLDZQtHMVRkbBIGdwxw34gfmDRK0OpeXFEQyH5pGGQyqD0HcEkD8jQA9tPjOQrOFZNhydxxyepye9QLpKxzpIkzgIdwGc84259Ont3pgWvsUBDgxg7yC+f4u/NVr+K2tdJkXaiqqbVLe3uaQx95NaG1H7xNvmJlkAbaQdwzjoOOtWPttvgEyopIzgsMimBUYwXl82Nkm2Mcg8ryeh7VUnt9RaNvLlYS/Nk7/lPB24Hbt+VAFmJpmXMi4OSPw7UPwDQMrPkdRVdye9AzZvrUXcBToyncjZxg1Bcw3FxCYWCICRllckjB+nWgkm2KqBAAFAwB7VG0Mb4DIpAORkd6BC446UvQZpCKVo9xMsknkiNJGyMt82MAdMU6yW/EGJVhD7upGAeAcgD3zQMcUuPt0BlaJl2sAEQjB4759qkaygJxs4LFiNxxk9fzzTEWokWNcDuSefc5qr57XOomCNnEUSfOynHzHGB/n39KAFd5LO8jyXa3kGGYnO09s+n/ANf2rQA70DFGadQAY4oxgUARvBFKQ0kSOw6FlBxT0RUGEUL9BikA/tTCKAE6D1qhBG18Y3u4cFFVgMEAE9VIPXGBzQBpNGsgw6hh6H6YpyoFUKoAUDAA7UxmdPdIl5IVRmKFIX7AM3I/mPzqo+tW6qXKOAH8o8fx+n096BiHU0EzxyIYyhIYk8cAHP6iqr6zAkHnyRyJD5YkLnB+U9DwaAGS6igbY0MokwW2YGcDqeuO4/OolvYJgNrjJOACaBnUmmNjFBJC2KTIoENPJqtc2a3bxuzsuwEYHuVOfYjbwfc0CLmKcCKAKtzb3ErP5UgUNHtU7iCjc84HXPH0xUCWN2J9zXTBS5b5TkqCCNozwRkg5I7UDJLe2kaWcXE88qhwI9zBeNo/ugZ5z1p3nJpsrQrFLIsgMkccSbiORu/DJB59TQIesrX3lqYZ4ow25xKm3OOg/P8Al71oCgBaM0AKMGg0AFLwBSAbu5oOPWgYcetOBGKBjUmWQuAeUbafrTjMgByw4pgRyJBIS7RoxIxkqCSPSq7QQdTCnK7fujp6fSgCu9tb4wIUH+6MH9KgaC3XAEMYx2CigZWa3tu0S+nSqstjbs4cAgr0x0FAHTlvao2k56UEkZbnp1pnOTxQAoLdMUkTmWFZNuNwzikIeT+VKufTmgB25s/WlVWwc0xmc1pLYW008M25ki6OMhguTz7nPX6VbsFZ4PtEhzLKAWOeB7D2FIRaCnHWngHsaYC4PrSbfU0AO2j1o2jPvSAXaKCRkZoAT5SKCq0DAKppwAFAFFpxbreOFy3nBVH+0VQD8Mmls7KMWym4hjeZssxZQTyc8n1pjKyTnTbuSCZHMMjFovLjL49RtUZA59MZ+tPl1OELIyxSsI4/MbKFCBz2bB/hNAFT+2IH83bFIfKOG4AxyQP1WmLqMUruqxuSkgjfgcMTigY9wpzVd8YxQB0BPY00gUEkZA7U3FACgYNUHieXSo0jmMJGwlw23Cggnn3GR+NAiFI7hcFLxHYZ3MZM/LnOcdBgcVHHbXCF0h1CMO7MYyTuYAnIHPXGD/kZoAmGnXxuVl+2gEAg4Tr0/wAP19q18HHJpAR3CStbyrFjeVwM0tmkqwBZT825sD0GTgH3xigCxsPrQEPfrTAco5pdgoAUKOlLtFAC4yMUm2kABBS7fWgYYFGO1AFaOJJZL2N1yrSAEf8AAFqBpNRjCotssm0YMhYDd74zxTGTQxyGV551Cu3yqvXav+JPP5elUNRngiu1Ett5mIztYqCDwSVPGR0/HmgCA3FkYZJfssYZdwwY+SO/b36VXjuraaQ7LNB5cgiyVAI54wMdP6/SgC64HoKrSKMUDN0j2prGgRE3Wm96BA7rHG0jsqooLMzHAAHUmqdusV/psBilVlUqwZCGGVOcfmKQhp0lWdiJnXdw23jIqVNMjW7S58yTepzjIwT8/t/tn9KAL4FL3oAcMUvHrQAqtmnUALTu1ACU4CmAvakpAA64pcdqBjMHNOBoAydGj1JL3VGv5N8ZuMQfIBlAoweOvGB/wGtemMaw4qJlU5yoORzxQBWe3h37vKXPTpULxR5B8tcjvj8aBkLiq8nSgDdPSonzjigRExwOaaCT06UCBsMpRgCDwQehqDTLCHStNgsoP9VCu1c9/U/nSAubh0xSjmgQucCjOTigB2eMingAigBABnipO1AC45pcUAAFOHWmAtGBSAQUUDIbidbaFpXyVBGce5x/WoBqdoY1ZpdmQDhgQRzjn05oAYNZsGYBZwSc4+Uj+lNk1uzi6uSMkEhTxj/9VAy1DdR3MKyxklG6Egj9DQWPpTAjfrUD0DIHqrLQBsTzCJVwCzscKg7n/wDVzVVb13YBoHRCwXcwIwT06gd/50EkzDnk1TvXnWBTbnBB+b8jjr74/CgCHGoedEckAE+ZjGCN4xjv93IrShYvGrOu1iOQe1IRJgDrUNtdR3JkVAQY3KEHGfrigAnu0glEewsxQvwQMAEA/wDoQotruK53BeGHY9e3+NAFrjGKEyFx2oAePXvVJLi4uriZbaSFEiO0l4i+T35DD8v8aAJLW7drmW1uGXzk5UqhUMvsCT/PvVsyIvVgPqaYCGWJeDIgznqfTrR58IKgyoN33RuHP0pAP3KDjvSk56UAGAO9JjvmgBjxrIu1xkZBwfbkVHJaWsqFZII3BOSGXOec/wAyaBkS6bZiVZBbRhlBAwo70psLMjBtIDj1jFAEiokaBI0VFHRVGBQT6UDGMR1qvIR6fjTGV5DgVUds5oA0bmVrfUYHYbopB5Y9VPJJ988fQKaTUp1jt9nlGVpTsCdAc+p7fWgkjMF15catP5pH38/JnjrkVUjtr9EhjeVXCndIQxG4BQuM9Rzlunb3oAlns7iVSI7ko24kEFuAQRjkn19qdLb3HnxgajchXY5G2Ljgn+5SEPhtZDeOLiaW4hCKVEm3AbJzwoGe3Wl1KGOHTrqaJRHLHE7o6DBDbc5yPoPyoAiciyMcDxRyMQziRxjdjA5POWIJ/L8rNjPFO5/dBH5xgduM/wAxQBdx60uVHHHFACsMqVBIyMZHUVUtZYbS3EDKVaI7CI4yc+hwBwCP8KYAVS+ulI+5HgsRlWJIOB6jgkn6io7q1txK4adVDRbXEr52DJIIycjJJ/IelIBfsNvmaX7QCrEBiedpDFhzn1bn1pRBaoxAuR+8kVj3y+8kY9OcjHt9aYGpx1ozzSAXrzR1FAxM0hoAYaaT6UAMx70uQBxQMjY9ahfGKYyq/U8VXkoA25YkmTZIu5TzioBZ26MGWMbh0J5xQSPKjtTCOaQDJpFgiMhyQCBj6nFUxbDUJxcySyiJCVREdkIYEqckH1BoEWV02HzjLukBZdpw5yRgYyc5zx1z3NRX+nQtp9wilwzxMqlpWxkjA6n1oAt/bLbJ/fJn0B5p/nQg7vMTOOu4UAVLyb7VttbSRGZuZGBBCrkfn249M1Jc2CNbt9nijSYYZSFAORz17UAWbSU3FushXDZKsPcEg/hkUkyB3+azEmOAx2/1pgCNLGu1LTaPQMoFQXVo12+97Y7tuMiUDjn29/0FADTZ3GWCwqI2ySvmd859MfpSpZTRghIECllcjzupU5H8FACwza0dUkjlsrVbHI2yCY7unPGOefUCnz2d5uma3lUeY4PzueF24IHBxz6UgIvI1sK2LqHgjYAAcjHI5XrmpRb6ltG65jOVO7Kjk9u3bj/CgAsLa9hcC4nR4wgUKPX16A/rV40DGGmHrQAhOaTNAxjdagamBA/1qvJ0oGb1NZeKCSPGKTGaAE2KwIYAg9QRShVUBVAAHQAUhDwKbLCsyBXzwQRjsQcigCv/AGZbGVZdh3qWKtn7u7lsfWmOlkl5BFhA6dBt9QQOfwNAE17hUjdADMrjylzjce4+mM/z7VGBqZdw32VUYEKVDZX398fhQBoRRrHGsaDCqAAPanYpgFO4pAGaWgAp1ACd6SgBpxSE0DGNTCaAG54ppNAxhNRMeKYED1WkoGbu7npSnkUEkTc02gBQeadmkIUEU7NACg1FJawSSea8YL4xn6Zx/M/nQBVs4JEv7lnMhjACxFznA7gfjWjTAUGlzSAWigBR707NMA70m78TSACW9KbuPpQA3LHtTSWA6UARszE9KiZ3z93igY0Fu4xTC7HjGKAGs7Y6VGXbGCBTGRMWxVVy+enFAHQ5ppagRGzUwNz1pCAnnrSlsdDQA4HJzmnbqAFEg9adn3oArRW4iuHl3k7s8fU559atbh2NAC7vcUoYetADs470uaACl3UAGRQKAAtTd4yKAFyPWk/GgCEnB5NRswz1oAiZhnGelNyAKBjSwPeo3PvxTGMY/LVWRlBIoA3ioGDTGAwaBERpuKQhdoxSY5FAEijBpcCgBNozipAB+lAB3xS4H50AAQE4p+wAUAAFPxyKAF2jHek2gc0AGOc07HFACEDFN2jOaAFCDJNG0D8aAI3QVA6jrQBA6io6BjTzxSfwmmBGw4qBlBHSgZ//2f/hMehodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0b3JUb29sPldpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQ8L3htcDpDcmVhdG9yVG9vbD48eG1wOkNyZWF0ZURhdGU+MjAyMy0wMi0yNlQyMzo1NToyNi45NDE8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAMCAgMCAgMDAwMEAwMEBQgFBQQEBQoHBwYIDAoMDAsKCwsNDhIQDQ4RDgsLEBYQERMUFRUVDA8XGBYUGBIUFRT/2wBDAQMEBAUEBQkFBQkUDQsNFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBT/wAARCAH9AtUDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD15/iv4TtNN06/Osq8GoTyW1ubeORy06EBkChc7hkdQM54qtdfFDw74g8P6dfWuoapBDLrFvpmyztWjniud4xDMrLlFc9SexOOa4bUNP1rw/daI0+i3ST3XxGkvrK386JGmhkjkwQQ5Cn/AGSRXR6p8M9d1C11O+t7e3t9R1PxLa661rPcqggit/LCoXRWBkbYT8v97lq47HpHaad8QINW8Q3en6dps99DbXktnJdRPG0aTRKSyMpfcF/hBI5LAcZzXn0eoWOu2vwm1HTrW9srWTxJND9mu7kySAbbkOGIJB+ZOD82Bxx1roYvhvqkfxKj8TyLp9hdW9zcF7zTpXWXUYCpWKGaMJtYglW8wsc7PWm6F8I7+w0PwjYPrNmp0DVpNVWSK0dlmDGVhHhnGMec43AcjFIZS/4WRf6PperXGl+GtPt7seL10e6D3ZVJncovnEhcktuGcdgevSuz+HvibVtel8TabrcFoup6DqP2J5NPV1hmVoklVgH+YEB8e/XjpWNJ8HRdRahFN4huFivNdj8QN5dpGhjmTZtQFnOF+Qdqta18NJnt9dl0nW9UtdX1jUrfUJrpbhLZIZYlVQQEVW27ABsGc4z0p3HYj+P6t/wpvxFtBI/0fk9v9JirnfEniHxD4s8UeK4dM8Q2vhtfDV9bx4urnYDCyJLI8sOxvMRw5QHI5Ar1Xxb4c0vxhpVzpOp28k+nTSAvCkjwnAbcAShBABwcE9RWbffDrwtqGuWWs3eg2NzrFnGkcN7KhZ1VBhASSN5HUEg4IB7UWEeLeILrVLP/AITDXG8Ras1zofjKztbOKS8aO2WGRrXcrRghWQq7LtI4UE9qg8SeKdLg+K2n6nDqPkyWPjKO1umu52N0IvKKum1OEtvuYz985PaveP8AhDfD8n2l28P6bIbmbz5w9ojGaT+82Rhm/wBqtmGzgjMjx28EUj7fMaONUL4GFyVXnA4ouB8vSaB4ebwzdTixS5uYfiJwywM8q2f2gFyBjIi2ls+2avfEDS4NP0/4iFdHkGlnxjo1xaxx2OyKZAYEkEIKhWyUcYHrX0zFcPCdwkKk9cGsfxR4R07xvpcWn6n9qFrFcRXQSCbySZIjlS30bB/Ci47HknjnwDrHia3+KmqaPo1xG3iKxtNNsbOSIW0k8kJZmmdHI2gbtuWP8HHFaeu/DvW9U8d6fr+madNoGow3Vnu1W2vk8u4tAq+dDc24dhK6gOinHcV7D3yzFnPXc2SeMZPrSqnBPancLHj+qfCnxFrXh3xvp4fS7N9c8RR61azvcO+yNWicoQFwGBhHH+3n+Gt3xN8KtS8Tat41nm1azsbbxLo8ekSxR28kjRBd4L7ty54lkH0C16GuO1SqNy4pXCxw2gfDefRfFmn69Nq/2m4tdIXR2txZhY5Yw4beCXJDblHajxZ8JNG8Y69a65PPqWm6nDF9lluNNuzA11b5yYZcfeX1A7V3Cr1PpTv4aLhY5iD4b6D/AMJANX+yO1z9g/ssRPITD9mJ4i8s8MP/AB6ofDPwi8HeFbi0udN8P2lvc2avHbzyM0jQqx+ZYyzNtHJ+UY612Crt/GlNFwsZWj+F9F0Ga7fSdJsdMa7k33DWlrHC8zf3n2rz+NbAQqu0dBTVXvTpJMDGM0XEROXj4UsAetEKlmyWY1NGw/iGD2pywqvP86fMAbPlpojzmp/MVV7fhVNpsSbu1K4EyLhgKSZfmFR/alc59KmkkVlGKQD4fmp+3DVXg2QrgDO5uakbO5sHG0dKoB78UwyeWwHrSruZVGccUxjukQYz70AT/dwT3pyxjqKjzhgDUzb+c9KkdxscmZGHpUjvjGelMt1G5yetLcbSqcZp2C5KsinApsj8e1RwqdjZTPzcU6OFmUkjHpSC4OpO4DsKVd0Srn0pfIYMecVJHCT1bincLkfmHtSSKzMu3p3p8cJWTJb6VMY9wwaQjOkLNJGDx81OlfcSN38VW5reJlUHkrVfyVU4xgUDuOUKVPzZNSNGGjIIyMUsaqMDrUrKRjC4FAXKcCljGApxUrRtz8vGakZe/SpY28xcbs0BcprG5bAXBpkiygOAcHFXHmVHAH3qzte16z8M6JfatqcgjsbGFp5TkAkKM7RnqScADuSBQFy7ar0+bJ21LJCVYADOa8evB4yt/C0XiXX/ABlqGgfawGOk6LoaXLWok+ZIwdrOxA4JI4PFc22pz3ihP7d+LWrKV5a10r7MPw/dLj86AufRHKqMrio/JVTkfU143Y/DO68SeHLrUbHV/G2g67GzfYT4i1JtyyrgozxdCpIAPsa774c+Nl8b+HIrySD7BqEEj2moWTH5re4TAeMr2AI49jQM6ZY/MkPo3pTpIVPy/N8tP8xVXO7NPVldaAI4YvlI7U9bd1BU9DSxskZ56USzCSNivagBPJ25FLGvamRztkKV/h+9TlbrQAPHmlVdq0u6mOfLyaBjG+uKbwOS2RTmk+VR61VuGkjCs2MNSuO5LJMvApnmFuB0qsJPMV29KerZXrt96YXJT79KjbaelRyB12qDkHvUZmEakM2aBD9nNGS3TqKihfcpz0pzsVUnoMUDuS8Y96jb/Vtkge5AIH51UmkZpFYklVXJAGT0rJ1m6smsdUtLnUUhAgdLjY4MkAZD8xB+7gc5PFAxLPxVoepXzWFprWn3N4rFTbx3KtJuAJPy+wBrU8lW53HPt0rwDw3eXnw31bw1pHi2wtLzTYi8Gh+KNOCj5fKP7uZRyp2gnjg9a9k0fxNY+INPhvtLvob6znGUmgfcu7kMPY5FArmmzBX2kZHrSSbeMYpjRlQqs3vVdpX38Eqo/jP8PvQMralfW2mR+dd3MVrFu2iS4lCA0R6payQpJFd27q/RkmVga8sUnXPjx4httWijuYtHtLQ6bBdIHSISAmSQL3O4AFvbHesf4zeD9I0Twsb6x02J5ZvEGnzyWaogQs0iqVUE4XeFI/GgVz2zcr/Msivn+6Vo614xeyy3/wAdPC1xqGgrpJXS7xojLJFIHZHj2uAjHGwNjmvQ/D/jKz8Q315bWwuo7m1CtLDeWzQuFfJVlDfeVsE7hTsCdzoHXbzVeRh36VLIrMuaoyMVXnpSGOZlqCWNc5qBmKrx0pGuGkxmgdxdq88ZqrJCrDJXFTMxLHFMMgBwetAjPmti2QelUzDycdq1ZNvWqc209KB3Kix9fWq0kJXIPerjNtpNu7mncdzPjG3NFW2T5qKYzvNU8M6XrklnJqWm2989nJ51t527ET9N69s1rbdzctuJ5z3PuaZvAX3p/m9KVzEbIgMmD0pyqOg60Owxk9KjjkLPhaQyZTzipFqN1Cjjr3pY5NtAiQc0jHHFNaTPSmxs1O4yeNdv405pNpAxmo42bdT5GHGaRNhfvL0xT923FNVSy8VEzMu3PTNAySSTCgj+9Uit8oI/Goj3brzUm1ifu4FACKwMjZqfzAqcc1F5flsTT9vzA0AKrbgTjFEn+rNO8st060rQCSMA8GgVyPcSoxT2+78px60Q25YFi2T2pWjA4PSgLkEe44ycip921VAOKWFQx46CpVXDDNAiFscknJ4p0nzNt9OamdQ2AKdjaAKAKxjMqllzg9afCojIzyal+tRvMu7GcUAVmjkEjFVx8xqeONmjAbrUOo3tvpFnJeX1zHb2cYzJLKwVVXOOSfrWJJ8TPCdpY3F7ceI9NjsoCgmuEmEkcZcsBu2DA5Ujn1p2Fc6ZY9q1OI9wDetYU3jbR7fWNL0h7iX+09Tiae1txbSMZUX7zA7dvAPP1FbiybWOccHHXJH19KYxTGe1N2/nT5LgeW2GqNX3Yy2RtpXAm2dKcDgYpqyBYwB1prSDHPIpAObmnp8wpq4VjgcGlZtuT1p3AnjTIIqTbtWqkU7HO5celSPMVjJFICU5xUXnYOKdE4xz1NQXbAsMdaAJN2xvvZpBIzbyxxjvVN1DLGO+akkzJDIo64oegF0TIACTk+tMkmXdtP3h1qtHHIrAH0H8qmELLuxnn1oAYFK3QI5G2rEczNlttL5LKAy9vlNRxsVYk9aB2HRzGNiJBjNMjZVYntQbaSSQNI3HYUS2xaB0XvQIdGokbcQCW4APSvPfFyHx14+svCsLMdG0URatrLno0xybW3P1ZTKfaNK7TWtS/wCEb8Palqb273Y0+zluTbx/ek2IW2j64xXLfCdbLR/CulzXeqW95rnihn1eeZZM/a5pEEjbP7yomxB7JQB3a3B2thtrDJODyM+ntQsnmNFuJPPXNNjtY/m2DGfmNWY4xHGCOtADGjz5o34X19Pf6ivMfGQHw08fWvi6ECPQNZaOw1xV/wCXefpb3f0yQjf8Ar1QN2OMHjkcfj7V5940+JHh+fQ/HVhf2Vxf6bpVulpeHqtzPOhAtYz3l5j+hdaEO53NqqrHnbtUkkY6YPTb7d/xpMNHuP4/hXlng3Rvi/pHhHSNNuLzwqJbW1SMyXn2macEDG1ypALKMKRnqK7HwtpfjmLVIpNf1/RL3T8EPbafpckUhYggbXZz0OD06CgZPrXjDTtJvjp8sk9xqKx+cbOzgkuJkjPRnCD5F9N1YMnxa0FjpIjW8uf7ZuGsbFYbVyJplLB4zgABsq2cnoDWV8F74Ra78TbbVZVttdbxHPLcLcSbXNsEAt3X/pmEyV+hrO+Kk1jqHiL4aDSr+HT2k8T3Dm8jjDhX8iVZJCh4b5jjd70Advb+PoZPHL+FhYXh1CKzN80rIpi8knar7t2eT8ta3ibxNYeCtFm1TUpHMKusMUMQLvNKxAWKNR/EWIHoM5OAK8y0eObSv2itQhl1Yajey+Fo1h+0BI9rfaGIjATsOvrzxzWP4/0/xrf3dpdzTL4lsPCniCw1F/sFl5bSARt56qm5t5i8yNuzYJ/u0CuenR+MtYtL/S4tV8Ny2MGoSmJbpblJhbkIX/fBeUzt47cHk9Kzk+I2p+JPDNz4g8OaCmp6CnmG2aW5MdxexpkNJEgjKhSVbAY87c1oQ+KtM8cWU2m6S01yt5DNDJMsRjW0V4yN77+N2f4etc18O9Q1L4f/AAzsfDGoeH9SPiHSrV7KG1tLZ2juyCwieKYLt2sMEsT8poGUvFHxwi0XTPDXiW2s11Twhq2fNubd83Fqu0lpGjAK7V2tuIIxtzXUyazd6t4s0S2sbuwk0PULCS+S42vI/wAhRdwIIBB8xTXN+Ffh/c/D3Qvh54fms5NXGmpdf2lJbwedAnmxOGHum+QgeoGaZ4Q+Ft/8O/iK0tpPJc+DY9PuTZW5bc1hM8sTNEPVMIWX0AIpWAqaD481rVPh14r165utNstU0u4voobdYiULW5YEMrOCd5Xse9b+jfESw0vwT4e1rxZrdnp8urWkc4eQGFGZkD7VHzZwCBXL6H8L7lfh94zsdS8IQHxBqF1qL2rzrbu7faC5jxJvONu4ZU4wCa9I+HejXGj+A9B0/VbJIL+xsobaWNjHIQyIFJDK33eKYGAfjx8PNoB8WWbEf88w7H9FzVNvj18PLp3SLxElwU++IbWdtv5LXp0ccIyfLiUeuxRXn/w7Uw+N/iYU4H9tRt8v/XrFQBQHxz8Fop8q/vZh/wBMtNuWz/45UU3x+8IW8MksrawIEUtIw0a6ICgZJJ2DjHvXqfnyHjcwrn/iJPIfAPidS7EHSrv/ANEvQM4O11DxV8UIVk0wS+DfC1ymV1CRVOo3sZ4BiT/limP43+f04roPD/w18PeG9Kn0+wsGRLpT9ommcvPcZG1mkkY7iTnrV/4cTJ/wgPhw5Py6Zaqc9P8AVCt2S4jHJYGgdzktL+Gfh7SLuyubeymkaxDLax3V3NNFBkEExo7bVJBI3e9YviL4U2suovrPhe8k8J+IGO9prZCba5bsJ4QcH3Zee9ehiZGzioJAW69e1BJ4n4o+PF94A+z6Z4v8MmHXLlhHYS2Nwi6feEnG8Sux8tfukqwJFbum+A9Y8SXllqvjHWBP5TrPbaLo8jJY27ZyCzghpiOuchTj7tP+IWnWWpfE7wZa31vHeWsthqcclvMm5CMRcEd6S08A33ge8gfwZq/2fRmk/wBJ8P6ozSW0SlhuMDj5oyBztJK8cU7DNzxH4B0nxRc21/cC4s9Ut1ZI73T5fJmCE/cz0IJ5wQcdevNZmsfCrRNa0kWN1PqUg+0peSXX2ndPNMhBSR3ZeduB09Ku6x48Gm+IrfQ7Szl1bVpoDdGziYRiKHOPMlkcjAPQe5ArF1n4vxeH9Ovry/8ADuqQtptxDb3MIaFyrTHCMrBvmUkipEamofD201LxPpmvyX9+NQ0+F4YBvj8sq5BcONvJYgen1HWs/wAO+G7+38W63rVxazaZHepEj2txdi4Z5kL5deuxdrL8vH0HQ6WqePLXSfE2i6HLp96bvVY3a3kiEbRKYxmQE7uMZz+FdJkSMcNuIODjH5nHFWOJXZW8sZOKoSQgsTuzWlONvFVR3z0qSihJFuCjOFWq81ueMNkVdZgsm0dTUUnJxQBTaNlY5qF7fzefSrkjbQRUBbmgCpInyn2qg3z9elazKzNntVCaLax96AM6SMqSRTYyw61dEO0njOaheBY2+U49qAIGainMnzUVRZ6d5XynAyaa8LkAAYNXjyAR0prJ8pNSYkMceMjr61JHbvtDBePakVgoLMwRV5LMcAAda8vsNNv/AInaNqPiq4v/ABBHYzbv7G0fR9SFkstuo2iQsSNzSMCw5+7igD1KSGR8Eq3FILc7RuIB3HA714VN8PtUupF8z4f6/OG6rqnjljgnAwQsnFdBH8ILVvCcmo6bocPhLx5A/wBosriDUZbvZNGcoruWwyuAUb2Y0AeptHtbFOVccnpWL4T8XW3jPw3Z6xbxNaNMGSe1cfNbzKzLJCw7bGyPxFaobBzu60CuW4yoU4p4G481UaZhJtzhRViGTKgbs0Bcn2jHFAVWOf4hUJuPLU8Zp/nFVYg49qAuS4xzRuquZm6etKu5evegLk/8VPHSq7P8v41JGr+YwAY4p2C5YpN3O2mMxjU5IX271V8zzGznNIRd+0eXwelNmnXGaqHO07eTjihJHVVymW280AWFuk2hk6mnIw9cHrkdfw9/Sqse9WBVctzha4m+8eXfia7uNI8DwRapcQt5dzrs5ZrCxP8AEA2f30oP/LNe+M8ZoAi+L/jefwbdaHLeXGo6V4Ulkn/tLWNLgEktmdq+RuyCFjJ3ZbHVK63wJdS3nhOwuZdai8Q+YJGj1SAgpcRGVzG2QAu7btzgVU1DTvEX2rS30/V7KRbe3kgvIb23cRXZbZ84VGypBRz7b8Vzek/AxdD0Gzj0nxFe6FrkDzTG7sB/obNLIZXjNofk8rc/yg/MBjpmgD0fzCxBX7rHiq15v8lQCQd3VetcBd/EzU/h7F/xcPSDZWMX/MyaOrTWL9syLgyQE9MEFckYJ6VFp0msfGmwhvIZp/DfgabDQvA6rf6shBJ5BPkRnOOCztntnFOwCeMr6W8+NXgLSr9gNINvf30cUgASe9j2eWp/vFEZnC9iQe1RftBwWFr8PvG1zBHbjVpLKy84/LuMa3S+UXHrnfXdan4I0LWtKt9K1HT1vLG1KtbRzu7PGwGFZXyJAR03Zz+FSp4L8Of2W9gdGtJrKWQTSw3KmYSOOMuZNzMc45NFybHnuuNfWPx0+HX9q6xZXzSWGqiNbe2eAjMcBBJaRslvbHSul8E+Ir288Q+KdF1C4tbmXS5bcwvb20kDbJEZiCGb5lUgqsg+9tPpXYR6PpqvC8WnWaSQgJHJ5Ee5FHQKdvCiq+ieG7bQmnlF1dahdThEkvL9w0zIm4qnC7QoLseO5NFxlpizIRjOeKljWRcHacbdvNTtIF4PXtSiTcMGkMSPdtVSPu07knihsdqXzAuCelAE0S/e9aimztOOtKpPGO9RrcBiwCnhsFqBCQgqpLde1SNh8K3SgyeYhPoM9cVh6j4w0XQrmODVtYsdOuCPMMVxMEfb/eYH7o96BXOi8vHH5UjLuH0rC1Dxvo2nx6e8l955v032kdnDJcyXCbQfMRYwSwwQcgd/So4/iJoMnhu619NThOkWqsZrjkGLacFWQrlXzgBMZJwOCc0xnQpjBBxUiqtcTZ+PhPqGlWs2g61ZpqbGOC4mgjVCfLZwGCuWQsiEgMA2cVHJ8WLOx0O3vYLSW/W+vxpukxROA2oy5KllB4CApJh/7qk9GWk9RnfKiuM+lNaZY+K8/wBa8beLtFNys2g6ZLHHYXF2s9teSSxl4lDCKT92uCwZhuGeRXJ658VNeX4a+DvEMM2mQ3uvXNjG9usTMqJcsowp3gkqGHOOcYoFc9waQ7M9qiVlOT3rIuJpb7zLJb9rS4aPb50Kr5gbkeZsZumRXJeEfiVZ6p4fW81jULPTL+LUZtJnDyBI3uIpCmI884cAMFHZqCrnobMTwOtNExEixleB/FUEb4aRnYkqcY6Y9j60hkzIT0G2gC2ZisihenQ14XrXg6TQ9XufBVlKti80za94LvScJBcKd0tl/u5ZsL/zzlNe0Qs8k6yKf3eeKxviF4KuPGHhlre3uls9Xs5FvNLu1z/o93GDsLf7LD5W/wBljSuIl+G/jWLx54Zg1WOH7LKGa3urUjDW9whxJGw7MDkfTFdSwypJ6Dk5Ga8U8EfF7wDpcepahqOo2/hvxFqc4k1fTbiRt8d1Gvlv8mOpI+9/GMHtXTj4/eCdn7jU7y9ODj7HptxLnj1VaYG18R/GDeB/C91qEMYu9SZ1tbC1H/LxdOQsSKPQFgSewBNea+B/DaX3ijTPD7Ob3SfCcn9p6pcOONQ1qYFwSe4iDl8f7cY/hrb8Q/Fay1uzKaJ4V17W9YjO7TBPocsUQnZcB/NdflHPJ9K6j4e+D/8AhDvC9lprzfab4Bp768LZa5u5PmnlPqC/Q/3QB2pbAdQ18x7Bs4G71POSPzpUuhIzITgj6VBHYsvRs4oj3KxUcetSO5U1vwvoXiG5iu9T0bT9SuVHlrNdQK8gUdF3d1qb+x7B1V5bG1neHCRM8KkoB0VTjgA4q3HCfl3HJXpU8cPyknjdVXC5Sks4vNJCJbyyKczwoqSocfe3beCOoNZng3wXbeCUaO01HVLvcgQDULkyBOSTtAUDJJzmtvyVVsk5btT139ulMRPPM8gG52cjod3SmedgYD4pWCsuGpvkjtzSuUVJSoZQHy5PzVHu3Rlc5O6rC2axtu281K1vH1UDdTAoKu5mpSp+UN0q7HB5fNDL6gMP7p6H2oAz9pByPWuD+HLNH46+JUfX/ibQt/5KxV0vxA8bReDbK2itoDqviDUSYdM0qNtklzJ/fPI2ooyS+egNeReD5/Hdv498X2mky+HNdvZXtbjUr1zNb29vcCFYzbrtVssAuSO2c96APfA5xwvP0zWDr1xp2qfaNCub+CC6vreSH7P5qebsZCCVU8nAJNYat8WDw1v4MTjj/Sbon/0AfzrL+NHgdfGd14Rhguv7I1mKe4ktdStlAaKVYNyEdym4YweoNAG3osmmeG7HS/DiX8T3FvBHHDbyyKJnRE27tg6fdrYkgLTPgYBFeYfD/wAaXPiz4jWema5Zf2d4p0nTLu31O3C5TPm2/lyoc8xuMsD2G4V0DaX8Udx26x4UWM/wmyuGI5PU7+uMdKAOu9Aq9OpoXO8ZGRmuO/sf4nt013woB3xplwf1MlVZtJ+JrYzr3hfg/wDQPnH6iSgCLxtHu+KXgNx98xaiob1/dpXWqnlqwfJLfLxnvx2rzK6tfF1r8VvAbeIdR0i9gf7esS6dbSRMrC3Gd25ua9d2hV46mncDxzWM+BPi/qHiLVFl/sPWtLgtFvFR2S1mjZm8uTH3FIbg9M4zxWX8bPEtn4i+F9+bFpmia5s0juhHt85hMhIjJ5YAAnP3eK9wVmWRij49qfhl5VmyaQHhGsW1rY/GD4dSv4hvdSt3jvwJLySMhAYVCEFUTG4nHJ7V2PhTxJfTeONe0G+vba4Wzt4rqJI7ZoGjLswaNdzfOqjblh3Nd+6/KQVV8n+Ic1z+m+E4NL1GTUDfXeo3UkZhWS8dW8qPcG8tdqrjBHfNO40abtu9qpS8SN82avMuVJxnFU3+8cjFIoqs2W5pODnBxU7Rq3TrUPl+WxHrQBCy8/ezVWZieRzirnk9TVdoc7ucUAUZpGXnbiqrSYbHc1bnibdjdkVVuIyrACgBhbnnpVeRyGyOlTsrLg1SYs24H7u75aAHs26iod23iincdz1dpCzYLZFCybWAxkenr7U5bepPJGDsOD6jr+HvSMzh/iJLJrx0zwXZzMtzrZLX00f3rewjP75z7t/qh7uK7ezt47WzhhgjSKCJFjiiToiAbQB7YAA9hXmrao/g/wAceP7i6s21PVmsYb/S44jh7jTolw0Uf+0spkZvUslejaLqlr4g0my1Gxm8+yvIlnt5Qc70YDnPr6j1oAdMg85SOneneWAqsDgq2R/nv9O9WvKG0+tU768ttHsrm/vJlt7W1jaeWVuiKo3En8BQK559fQ/8K/8AiILgAJ4e8VTLFKM4W11IDCvjsJkUKT3ZVP8AFXex27uANp3EgFcZAGTkA/hXkl3dan8WrHRvDGqMbCLU2/ty/a1QRzafpyyA2sWSD+9d1Vs44Csa6lfg7pUzbr3W/FN8SDkXGv3Crn0YIy54xk+lAjd8Wa/F4U0sX93HNK80sdpb2sS5luJpDhI19M8c9uvasPXvFfiHw7puoTXXhy33W2mTaiJIdQLxOYlUvASI8qxDEggEEqR3zVfx54Hms9D8KP4btri9/wCEa1iPVVsJrqSae4iG9ZFWSQ5ZwJCyhmGduM1b8TX2peKvBHiSz03Q9Rja50q4to/tSJBIZpIyioqFsjGckn5eOMnBoAz77xxrEcPgBYoNOC+J2VZVZ5GMANubj5TgbgFUqeOprd+IXiZ/BOhJdxQreale3kGm2EEgcJJPMwVN+OqDOSO4BFcTD8OLmwk+F91pfhWK0vdFmSTUj5kKScW7RFc7vmyzBse1Zr+DvD3xH17XE8OauLHVbOW2nhlAkuEkvLect9olB+8pL+UMclQ23gLQB23irUdd+HejXfiW91iPXdK0uyuLm/tfsyQMXWMGPymHVdwwQfm+YZrI8Xax4g+H/grTfGV1q0+pXML2jalpRSNbWSOdkR0iG3chQyAq+89DXU3ei6n4t0q/0zxZFp0Om30EkF3Z6PLJMbnepUsJJFUqACcAZOSCWwprMbwPqeoaTpWj69rUOq6ZpUsMixwWrRTXrQYMIlZmYBAyqSFxkjNAHPXXizU/h/4+16TV7ufU/h5NqEdg89wxkk0ud4I3Ukg5ELmQr/sEqe9Yl1th034O3UVvcardTatciWNbwsbtNlwVDs7hWUGNWBJ6LXrNv4ViLeJE1G4XVbDW5Q81m1tsRF8sRlfvnIKqOeOQTWPD8K9Js7HwjZwXeoW9v4Z3NYRpKgUEhlPmZQlhtcr1+6TTuBh+DPtVx8S/iheW2jxadqxtNN+z2966/LK0UhO5o933mCltv90Z4reWz+Jl1lv7Q8Habj+FLW7mK9OR8ygjrWzpvhnT9N8Q6nr1t9qGo6mkaXPnTu6sqAiMbSQFKgkDA6GtuORpOdvtU3A8xsG+ImqeONd0C48Z6VYx6baW115+n6Cp3+e0vy4eUkbfJznH8db7fD3xBdY+2/EvXHUrx9lsrS2P4kxsTVfRbhn+MPjAkY36NpbZ+jXIrukbbGvzcbcmmTc8g+JHw/k0vSdLkm8XeKdVjvtasbC5t7zUdsUsM1wqspWNVyCpPFev6bp9rpOnwWNhaw2VjbjZBa26qiRoOmAOc89TXLfEvR7zxJpOkW2nxLJJDrVjdyc4/dRXCsxz7KCfwrpxMzLnJ2l9vByCB0Ofxp2HctocHNT/AGhUZV/iNZy3Ds8mOx203zGS6jfocUhnKfHpg3wX8ZKwyp07kY7eYuaZefCe20e6l1HwVqcng3UZCDLbwIJdOuWIzukt2OM/7SbT3GelVPjlJu+DPjH5sn+znP5MDXeRt5z7uvOf0FO4HM+KfGF9ot34f0eBba98T6wHWOIuyW6+UgeeZgW3CNQSAOpLAd6wPiJ428Z+CPCviDVRBososLSK7trpYZDHITLskR0ZwQUDKQQxq7448O6w3j7w34x0ex/tN9IhuLK60zeiSXFvOq/NGXIXchUZBIyMgcmoviR4Z8S/Ej4e65pNrpkdhJqFutvDBqFyiy53qWklKblUcBcAs3IzgUibkF58QLyb4j+CND0zxJZ3Vjqn2sX0VqkUjAxQiQYzu2hiSDnnAPevSLHW7LWGultLuC4a3kMcwt5lk8px0RsEkceuK4e8+H+qXfjjwXrdraabpttoq3L3KJIVkfz4RGAoWLGEwW3Hr0yM5qfwHpbr4s8S6lZwLHot9FarEWsWtZEePzFMQXA3KoIYtjlpDzQJHdK/zKMZ96WdpF3KhILDGR1HuPel8osqhjgLzUiwDlw3OO1BZ55pPibUvH2qeIzp2rvomj6PqLaVDJDBG8k80YHnSsXGAisxUIqjO0nNcN42+IHiX4V332jVtSbVZLPwlfXclrGirDLcpdQxxSbBgDIkGV3H6V3Wk+BNc8E61r6aG+k3mg6xfyar5WoSSQyWc8oHmgBUfzIjgEDK9+R1o174Tjxhr0Fxrl4NR099FudIu4Wi8uSfz5VkZ1YYVMFFC/ex1zTsJlrT/BNzcaTpUtxr2qvre62uru8F7KIrhtyvLGIQdgjOGUAAY+U9q8tt7qaLwV8Y7MaJqeqxLqWqwLdCZGjgREBjx5koYCPJPAzlq9f0DwTrel2NjYX/AInk1fT7NUCbbIQTzBB8glkDENjavQLu285BxVey+GOl6PovibTrjWbl7XxFcTXV600kELI0o2y7CUGwMOOQSOo5waRBmeF/GUHgnwD4MB0e7uNOl06xe6u7aNPLtjMEj3yEkFyXPOAWxVT9nW5bWfAN3qOprHc6ve6rfDV3uRltyTMgjkJ5CrEEG09gcUuvXkHh2z8PaRpXibw02iaSqM417WNszSRn9yGCAgiMbCFOCTjPCmmah4s+Dg1i71O51zRWvboCS4kt7xwJ3HCtJFE21jheflyfloGVvh7Ja6d8ZPFdsoMdrNo2mLoTHOHslRg6x5/6aEZx7VwvjTRdS1ib4j+I9It5r7w1/wAJVpGoyx23K3UdqiC7dV/jCtt3N/EY/avS9X+L3w08RW8Fvco3iCKEgQpFodxOF46R/ujge2avW/xg0+NUj0rwn4tuUhXy4o7fQniRV7KA+3b+NO4jVfxhpniiyu7fw5eR67eXVtMYfsZ3eQTExWV/+eZDFQB1ywrzey0LU7j4Y/BfxJpenzamPC6wy3um24D3Lo1t5MxjU/edSM479BXcr8R/EAYNZfC7xIhYhg1zJa2+X9f9Zx+NVdM1LxzYm5fSvhzb2MV1KZWivPEUSqrn7zBFVtmfvEd2YmkVc0dW1K/8RaHq8Wn6LqKxyWFxH/pVu1tLLI8e2ONEfBb7w3MQABjrXm8Xwdvo/hb4Gt7Pwvb2/ifTrnTZb2R1ghkH2Z1Mh8zdyWx94enPGa9EkuPijdcLpHhKxHdp9Qupz/44gBpn9i/E+85l8ReFrAf9OunTzf8AoUi0BYzdat9PX4saBqNr9hEkKXMWr+WS1zao1tkSSvjHlAKo29N0gI5FYGoeFZx8M9ej+zz2+veJtQvtVtbc2L3DkO6GK3c7cRhxHFuPbcR/DXZP4F8b3W5rn4iLHn5T9h0CCPP1LsxpB8LdauHWO8+JPiqQOdpEJtoE59liJx64PTNArHP6f+1R8ObvVrnT9R1r+w9UgleGeDUoHt0EinacOflAyCAD1AzXp2i+INK8SWqz6ZqNlqcDDIktZ0lH5jkV8bXn7IPjf4meOtZ1a6lfw/o1zdlo7zX5/tN9Og+XcyoPvNjd8xHDCvfPhH+yn4O+EOpRatbNe6vrkfAvbmQIgypB2xJhQME/eLfgeadgue02yBV4UCnyHzDikXk56sTkmnN988ZrMsgMEed/lQtKesnlLuP49atw3TxLtDkD+6DgflUK/XHtSo205NWATTmTILEn60qbce9RTKFOQMk0zYdpIODigCy3Q1X3fNineczBAxyMVG3/AB7tt4bd2qbATwybeKm3cbqpRqfMDElvl6U5m3KOce1FgLZ/eCm420y3x5fPApjY38HJ9KLjsOS5zKwbr2p6zfvtvTNV/MAZty4pgVhtP8ZpDLi3CtJjPNPbpuPSqMcZaQYLAZ5q3IpEZABY561VwGzXSqx7/iB/OsiHxdoc2pGwj1Wxk1AHH2VZl359MVy3xw1bU9D+E/i3UNKkeG/hssJJGATGGZVZ+f7qljntjNc98RdF0my/Z31D7JBHYw6bpSXVjNHtDRTrtKSqw6uWC8/7VMDQ8UeC9Vk167vdBlkOq69K0F1r964L6XYrjEEEfUOSDj1JBbkCu18L6DpXgvRYNI0q3EFjCeO7O5++7t/E7Hkt3P0qHwrBqVx4a0Y6jA0V/wDYoXuVc5ZJDGpKsfXJNakitsP948UtgLH2hWwF9fXFYuraHZ61qWmahcPdefp5aSAQXDRqGOQSV6EEEj8a02t2WP3IqBYHTGemaYFaTRdPk1mPWzax/wBqR25tBdLwxiLbtp9RkVLLd4j3j1xVtl4H0qlNas2FzgCgBGvBHkdQOTUE0wf5Qvzt8xpxtSrHAyfWmGHbyMhh0K9R7j3/AE9aAOA8as3/AAsT4cSEbf8ASL9c/wDbsK7kvuXpnrz+NcuviiXXNV1Cz0LRodWXR7k29xf3FysMaXGB5kcB2MWZQfmYbRzt5zis2L4lfbIdJ0+LRZ18Taj5xXRnmCmJYXZHklkP3EGODtJJIAGTTsB2jHDA1HNdBVOeBXNW3jiGTWr7SNYtxourWVt9tMbS+ZDJbnkyq4ABVcYI2qcKeKxbj4mM3htfE7aHdf8ACK8ML/zlD+QSQJzF1MfXH+zk0gO/a4G0AnJK8VXuLkBAD0rm9S8aQ2uqWGm2NrJrWqXkH2qK1s3RR5HH75mc7VQkqBnuRjmsnXPipb6Fp94+o6DqlubWeGynXZGSs03CAZblScDcPWgZ1cl+uVT1pH+783Q1iXniqz0/xJpuhS2l8dRvomnh2QhowqcSAkMQNpIH41p69qVno+l3GoX00dvZ267pZmO1AB2Hv2x3JxTsUOebaFC058buTgmua0rxnpepX0FlHJNDe3G6SG2u7WS3aZRjJAZVyDkcjPFPt/GmgaretY2msWl1dsWRUjccsOGAPQleRxSA2ZioU4Oagj+6DVW71S0smVbq8t7ZpOVWaVULY44HemyXAZwFKsOvDK35U7AWLhsyGqrRpuz3oy7KSOlQ+YVZs0WASQFTkdKrSLuzU8shIwOtVWuNgO6kBC0XzUVKrF+R0op2A9TWZBkH71I10qs2Bn2oW3b5qRlZmK0iDjviRpGoX1na67ocIbxF4emN9ZKf+XhApE1q3tIhwPdRWf8ACe9a1muLPTbaaTwfqaf2xo9zt3Jbbzia1c9ishJX2JHavQ4bdonLfN6/KMn8B61wsXgXxR4b1LUk8L6zotjot1cNdpZ6jazTfZJpMGZYikiqI2YFwp7k0AegySErtGfw6Yrg/i/by6hottBdPHbeF45mvdcu2ZfltocSCEDqQ7bQfZTUreHPiBNhpfHGlWw6n7HoJJH0LzEfmKrzfDfVfEEtvF4j8a3muaTHOk8ulpplvbQ3O1gwRyoLbcgZwentQSHwz0+8h0m88QatD9n1zxBOt5cxN96CEDbb2/0RP4f7zPXaTSSBSVXq33qla3ViSxVmJJIHftn8sY9qcYxjAOB6UAVWDrKT+dOVmLGrGNpAxmmiPbn5cZoAhbjbng1YkkaRRg5FMUbeT0pGkEnAoAifdnmm7CSzDnNThcU+gCt87McDGKm8ncvzU5e9HmYUCgBiwcD0pjZRuHAxyAxAH4k8AepNT7sqcYzjjOK85+L8062f2e9lbTPCAi87VL2Jh592N5RLGBRyHcjDMOSpXFKwjmLH4peE7b4ra/f3OsrFYXOj2UFtcSRSlbpoprlXaM4O8Anqo2/NXZ2Pxg8KahcQ29nealdtKyxhrfSrplGSBnd5e0DnqaX4d+Fb6zuT4g1a3Ww1OW2FnZ6VFhI9JsgQyW+BwznCszDgH5RwK7pryVvlLyN+JI/Sgk8p8XeLtb+Hfj2XUJHuNU8Fw2ME2q2oQSSadvkkUTw7QC0Q8sFgWOA5Patvw9ql1Fouv32lW954txrTx2sEV+uDDsjZSjytt2qJO3XPtXTx6FM3iq/1GWe3m0+7so7B7OSFjlEeRsly3IPmuCMcgkVT8BeBdN+Heiy6TpCSw6e93Ldx28xyYPMCkxD1C44PYHFVcDHHibx67EW/w5jiDH715r8C4+oRWp0l18S7hdyaH4Tsj2M2qXMp/HbEAfzrvBQzfKc9Km5Z4j8YbP4gSfCvxU2pal4XishYSG5hs7S4eR0A5CuzYB+or2qFm8uNiu1mRSe5zjkH0PSuL+NMLTfCPxkkSF5P7KnIUeyk12NnNvhhLLsPloCCvO7bTEXg3A9aVXwwpqhSuaazGPr36UhWJ2k+ZafCGKkszN9e1VUmxzjNTxlhzjAqR7EsilhgHB7Z9ax/E+m6xqenxwaLri6DMsm6S4ezW4LJj7oViAOcd61pGO2jdnGetVcLnBf8K+8UXCn7Z8TdcA9LGwtIfyJViKYnwhSaQtf+M/GN6f8AsLeQD+EaCvRFUMuD0qJ9q9OtVcTdzgv+FFeE5lP2w6zf56/bNau3B+vzgfpT7f4GfD61l3jwhptwT/Fdb5if++nb+Vd7Gd0ZBprYHA61NxHP2fw58IacALXwnocHuunREj8Sua3LCxg09dlva29tGvRYYUjH6LmnVYRulMCZZpgSRIy+mDxUDMzt8zFj9c0rSnoKi3sGBNK4DtvNS7iV2jrUTfMwqWNdrkmmBKjbRz1pGahmGOKiU7mwaCyZm+WkU4IpXX06Ux2KigCVl3EU9SjLgjJFRLIGXB60zzNpOaQi3HluhxjtUm0dTVRWPXtUyyblxRYYshHao1O7jOKikk2tTRIc8UwLEi4wc5oWPd7VGoY81PE4wQetTcBVh285zSCHGR605W69lp64xwcmi4EXkY60eUvepNw3c9KN6jmi4DeEU4qGNvmJqSTMhwOlMj+U0WHcnPKg01V2c0M/tmk8z92PlxSGSK3PJ4pdx7dKhZd1OgXrQBHNbpcRyRyIJIpFMboy7gysMEEehBOa52x+Fvh7TxbRrBcTWVrMJoLCa7ke0iYHIKxnsDgjcTggYrqtvNMaTtVgPZfvHJzk54xnJzkiomXFTFdy0zYO9SBH/D0zQq7QSy4PapmUcYpnl7lIqgKzNyRTWyVNT/Z+DUe3bmgCrt55o8sLKrAZKnIz0z7+1TNHu5psg2jHH40AeL+BZm+E0+v+Htbtr9LefVbnUNP1GG0kmjuo5mDD5k6ODkEH2qTWob6x+J2jeOm0y6j0aXS5tLuFVWae1XzTJHM6qM4Oce2a9ey4U4kZR/s1Dt8vLKdreo607geG+N/Btz8XvGGoXml/6LpcPhu60aO+miaJJridycRhl5VRnLeppG13d8GpfDE1jdR+Kn0ltKGiLAzSmbyzH9NnQlvQmva5dzHrk+p60jM6rgDNIDwTw3os3wd8eWl34glb+y77w9ZaYNUT5oLe5txh1dv4Qc53epFXvjr4i03XfhncTafcAINTsBHeRqPLdlnBIQkfPsAJz92va1Xgg8qeq1FOqsgyivjp8o4oGeJaoiab8avBjXHiJtWSbT9QEbTrDHsU+WVA2Lzv5/Lv0rD+KGpeIXvLCDW0spdF0jV9N1C9msVcRxRMXGyQHrsOxjj+Fh8o6177JZ27KWa1hlYc8xIT9Mmua0HwL/wj8l60mtahq8V0WMkN+sRUuxy7NtVSxIwoDZ+UGnco5z4oXFtrXgHU2sbhLzWJ9OuZNKaI7pXJhJLJt6Hb1z321xfjT7I37Pljd6SqBrS2sZNNZCAUuQ6ABO+Sdwb3NewaT4Z0vw7JK+l6Zaac8oxI9rbiNmH93IPT2rM/4QHw7a6mNRi0iBLhJPPTbkxJJ/fCbtm//aFIDzr4f2o8QeLvHs+u2sN1qVvfJarDcx7hBa+SrIqBuQhy7Eju1QzRweHtevtPtofN0/wzob39rayDjzXeVhn+8VVAoHo1ega94I03W9Wj1Jmu7HVUT7Ob7T7gwSPGD/Hjhhk1lL4PXRvEVhqumW2YfsZ067h3AllL+YkhyeTuLZ9nNUByfg/wq2v+CdH1R9T1BNcvkhvp70XUq+YzFXeLaH2bQDtAAyDg9RXIX3jibRfB3iZU8RXia5Z6xJb2xmXzP3XnqipuZCD8hPU5r1TSvAMvh+BLHT9fu4dCSXemnCFS8S5LeXHNkkJnI2n+9XO6l8NNXk8H+J9Gh1GxdtYvpL1GaN40hLujsvDMD9wYPHelcDotYa7sdLuZ7d/td5aoZWjbB80IPmXggAnGOnepLK5j1bTba+t5PMt7mJZkYdCG5GffDVyWozW+l+OEu5vsEdzHp066isLv5sZ2RuCxK4MZ27V93qj4J0698MTeDraWW6SOfTGguLdrndGkqojInlfw7VDfN3zRYD0FQF60VNt3UUwPWdvrQFHant+7FCtuqSCNj2pGXcMU9u9C9KBXIWXaMVEo8ts1ZY4zULDdzQITO7mmj7wo2800/KcmgCTowzSMw7dai8zPX8KMluBQAsjA8D8aaF5p+QBg0cdqVwFC8UvmZGD2qDzCSVHWl3gcd6YEm4scdqGQ9F4JOBjrzxx71FG3zc1K7gLkZJAzhep9h70E3OF0vWdQ8eeJvFFrZ6rcaFp+g3Y0xXtEjaWe52K7yneCAgDKAijnk1Z+GPiabx14Ykl1WC3kv9M1KexuMR4jea3kK+cq4G0sMMAB/EaRfBuo+H/EOval4fu9Pig1uRLi6t76OV1juFXYZoinLAqFyjcZFang3wtbeD9DXT7d2uGMslzcXUgw9xcSuzyStjj5mJwOwGKVwubzbi3Occk7hgkk5yRSLzTuxpBSuImU/Lg9Kac+YfSo9xLcVLxx60XAk54qNmLHBzjvt6/Wl3U3bu6gn2XrSHc5bxN4subXxJpPhrSlgfW9ShlujJMzCK0tk+/KQvLkswCj+8W6dayPEfjTxB4PmFnfW+nXt5qmoWum6NcQRNFCzzbjKZULkgRiMsV3cgAcZqXxZ4Z1a38faH4y0O0i1e4t7KXSr3TWlWJpYXcOGiZiBvVxyCRkOR3o8VeFNV8eaVaXEqwaFqWmahDqekpO4lKTR/eNwyEqEdWZflBK9cnGC7hcTVPGGpfD/wAWaDZa3qK61pWtNNAt2tssE1rcxxGYY2t80bKjDn5lKLyaydJ8QeIvGnwok8e22s3GmarcWc+qWGnxCP7HHGuWjikQrlsqnzMGyGYkciugbwje+KvFGh6n4itrO1t9H82S1sbadpzJPNH5ZkkO0bVVCQo5J3E5HSqel/C7U9H8Iz+D7PXLa38Kus0MRaB3vre1kJ8yBXZtrAbmVXKnC4A5p3JOdtfHFxq3xE8CaxHHrDWOueEm1c6RYedKgn3RBWEaddokIJPGWXviuj+Bsn2n/hPJGW+Ty/Es9tBFfyyNJDAscbJGQzNt2l2+XjrW3H8Po7bxhoet2V4LG20jSjo0GlJbBk8g7DhnLZyDGmCEHAYVd8I+D18JXOvXEepXF82sXzahOk6KFjkYBTs2/wAJVFHP9ymVc6ZxtGaZt3UqsD1pdwzgVAiQNtUUwsc8Um/d+FDVQAuUznvSyKWGR1pCM4o3beKkCTyyV5p6/KtRq3y0u71PFO4Aql2OKQq2ducU/wAwBeOtMb5lpAOwFYDdk1J3FQfeX6Ubz0HWncCyPunFEa/KCPxqKNm7jNSF8d8e1Fx3JmOKYy7uaaJMikVqdx3H7cEUMvGacvanscdaYxnA69KYr4bjpTtx3c/hUbN81ADuXbipRGBjdTI12/jTm3FTjg1NwJGw3RuB2pu7HFV44iq8tnNPCc8daLAT7sr6U8naM5zUKqO/WmsT0FFgHNMA3PSpPPXjP4VGuD160qouaQExU8ehpsqkDinFeOfwpnY07gHzYGaSkbOOOtMVucd6LDuTSLuZQvTvU6DbgVFGak3ZpBcezbVJPSqgmaZjt/hq1/Dz6VWTEJwF5H8VO4ya3mMik+nWpcZ5qOGIqCw/iqG6keG2uHABKxOwDDI4UnkU7AWW60pOMGuW+G3ia78X+BND1y9Ea3l9bLNKsIwgYk7sD6iuqzuUHvTATbu5qGSPNT5IqNm+bmgCNcr0qnMrOxq0r8n0prLuagCqqnoaiuPkXNW2G3imyR7xQBmLDuyfWnMu7A9KsSJtqDduz7UDGMccVB1zmpXqJlxQOwyRT2qq2ec9Kstk5xVZlYE0DImj3VA0YGc9KsyEDr1qFmoAoyKM8dagdatXDfNUUnK07gUmU7uKq3GIc56mr7Lt5qpcx7jmkBnXEKXOI5o1lTIO1gCM5yDz6HB/Cqy6TZR3z3os7Zbxxsa6ES+a49C461ekXcRQy/LiqAqspBwO1FSyLzRTA9RlIkOR1pvl+Wv1pyqW4HWnqpzg1Bnch5FR4xx61O6803bigRFIvy1HnFTN3qtJzQArNUbcnrintlVyOtVJJGZsUADNtkxnNThjgYqARsRk9KkVtq4pE3FXdu5ol7U1mORihpgBg1I7kecU1W3cGpMhowRSJxmrAcqrT+F5FRM5xx1pVVm5NTckVm3VKvK0irUirgUgGhcUtRk4BpQ1OwEy9qdUanFP3fLSAXk8UqttUg9Kj+g3H055rnY/iR4WkujbjXbMSrN9mO52UCX/AJ5Eno3+zQB0bMpPHWo+4pyspcqcgjjHTHfB9aeFA6UAPjXdxUyjbxUK1Mv3aAHt2pvY0fw0/sadwGNKVHHNQeayZ+WpHT94DQygrzyKQESzNJ1GKt8rt3dDVWS3C4wMGp1Rnj+lWBNFjt1pTJg4qvHIGbb3qwUGOelTYBA3WlVfLBNM8sbuOlS+gpAIOuakxlcUirS7aAGM21SKjdSw4ODUnl5znpTtoyAKBXFgYquCMn1oeTB4oVgoIPSmMCrc9D0oGP8ANGOetIpZnBb8KSPk05V60ATtJtAFNWTJpsjbVpmdy4p3LH7vm4peec0RpxT9o79KLk3FXd+FCtnOKY0hHAqRVDRr607BcU479aRW5psgK9OtC48setMdyz6VG7ZNRNS1NxjxmpUXFRD5Bj1pS3SkK5K+O/SoWzu46UFuKjaT+GnYY8kgUqtnilX7tIHxk0XAcsmOKkVs1VDclqljk5460gJhJtanC4TnNQMzd6qyZ3NjrVWHc1t+5flqC4Ba3nB6eW3/AKCajhYqoJ/u0/zN0MoH9xv5GmFzhvgOpb4Q+EcdBp6fzavQ9p4xXnvwD/5JB4Ux/wA+S5/Nq9BDn7oxuPAz69u4oC4NJtYetRNh2968C8eoZPih40sY5fEMk/8AYlvcadb6XPdOY7p94LAI3ljnZndxjNWtIv8AxJ4m8aeF/BXiyaZGtfDi6vq9rDLsN5cMwiCOyHlFwWIHyknBoWoXPcApzgdaZuBzivJfi34Hs9F+HfjPUbG4uoI202NktTcOY4pI5MiRAWyAQ33fu8V28PizT4datNDP2iTUGhjkdYYXkSJSuQJJB8qghSdpP607DN9lbr1FR/PzhcCvm/4sa22j3nhjxsbK/wBUjvNau3FrZO5ae0igPkJtDYK5jEnf73Q9K9Q+GNjZalo7eKLO8GtahqytOzW9w4gjJ6W0IZiEC9MsAc53HoKLAd9Im3r1NU5JNuQK8i8O/Fu7+w+HdM0LwgHl1K0vLqCOTVOIvIlKNvZwT1xzgnOAOK1NJ+LjeKbbSxoWivdaleaX/a8tncXQQQxbim3cFbe5Zdo9h1HSkM9BJLcmmscV4teeOLfxB4y0DxBYRXctld+HL6d7Jbgxk+W65H3tisMsMjFTaf8AGyGx0m1jtPDGqXVtb6JBq7n7XE3l25B4ZnbLEAMcjr0oHc9g2lmyKa4Cgk1X0y+j1PT7a8gVhb3EaypuGDhgCAR9D2qw33TQMqsobJFROtWG71A/3aAK8iZBqrJ8pq0/3RVeTvQBWZdzZqvK20YPSrbqW4FVZlG1h3xQBXyGOBULHbkU/dtP4VGzFmwKsCORuaKJFGeaKYHpi57VLGwyM0nl7cmmtg9elZmQ+QDGRVeRtqsalU447VWmjO7GMg0AVmmZYyT68ULu259akWJtjZGPSkYMqgUARxsZMg9vlqORGVs9qkjAjTJ607zA3AoJuQbmOM0yaQBACM1JNIVYYGTUTIXXLDB7UhDI1Ld8D0p2z5qPuKag+1FG+f5R61IFvPGKYzBck9PTOM+1IJBIAQc0ucYycCqHcx/+EhB8cHw8LfGNMGpfaN/X995ezb2x1/Ct5VxzXC71HxyTBz/xS5/9La7pZRg5qRDt23nOKXzRjlqgllG045NRszNCjbcbjigC3uXruBpq45IqsZN0jRLw38VWkwqjLZNUK4q53cU5X3Zx260biykDrioof9QUxubOAozznt6/lzUjJGk3MExnccf556V80+ILyfVdL8e2NhrEd/cN4wS7h8NRwhpdSYG2OwSKxZFZlPI6eXzxmvZtH8VX/irxZLDpLJH4b0lpIr++8vd9tujwLeE9FWLILt03bUHeu1hZ8HH7tfSM9PrTsB578N7OW413xhf3t5qd1dx6vPawi6uJGiFuRGy+Wh+X7wcbx6Y7V3rb1kVRjB9an3Oxwxz7k0MvI4zSAYjPI5QMOPSnOTDgA5HemxxOszuBgNSsryTZb7g60AW1bagJqOWb5Tt601lDFc8+lSeWoAwtACRqQuT3o3/NilWfawXbihlO7jvQBJ5PQ+tOUbeMZpVYKAD1pZHAXjrTuBDIv77epwD1FT7vlFRxLuO7rU4XA+7ii4CH7ppR3zTf4TQq4pAPOO1Kr8HFA5xml2gdKAGMO/ekZtuDSclvensmcA9aCRFIbk9KU5/ClXC9elNZ1H0oKEXnNS7cYNQNIGIA61ZUZUCgBu3dxTtvy46UM21TUJkBC56ZoHcsxrz1zUhTNRwzICQak84dulAhu3HBp20beKasyPwTg0rssSn5s07gIUzxSKNpxTPPVuKit7h/Mfd9xvu0XAtsM8Gm71SjO5c4zTyu4AbcUWHcjkmVmIqLzQzcVItvHI7K3NPuYVih4XHpSERBs0z78jE9BToc7ju6dqRl2SNn7tO5Vx/nqrBaezDqOtVLtl8kZ9eKesmEXPpxSGSyHy4xxmnRzLGQM4J7VCZDJGCM5FLHEUYMfvd6ALE0wjXJzj2qkqyTsWyIwegPU1e4kwT0FKVHHpVgQ+coULI209venLNtbaozuUjP4GpJI1ZcYzUb2ro0YQ5J7+lAHB/AW6x8JvC0a/w2YH6tXf8A2l+o5LfKPqeBXn/wFVY/hP4ZIGSLd8n/ALaNXftC0imQLsbtG3SgDAsfAtxb/EXUPFbaqrJqFtDatYi02rGkfKEPu+Y5bnjpmneK/h/H4i1bTNastRm0PX9Pie3jvYIhKHhc58p0JGVJGeoI6jkU678bSyeI5vDuiae2r6paQxz3bSSrBDarID5YkZgSZGwSFA4A54rn/E3xavvDOmvcXXhSVHj1ODSTDJeoP3kuzy5FbBVlO89MYoWgGnr3w9n8VeFtW0nVPEE802pQfZWuYbUKsUeQSI4skZyPvFi1YepeALjUvEltPZ2s2j3sMbwXuvRyII7+JoCq4iVixIcoRuC7AG9a2tY8dXuk+OvDvh06THM+sRSzC5N0AsJiUGUEFQWwSORXQeJ/EFh4R8O3+sapM0OnWcTSzSqOdmQPkGRuYkgAdyQKdyjmdf8AhvFrlx4UeDVJdLh8OSCW0hjgjk3t5fl5dm64XIxVDQvhj/wh/irUtZ0PXZ9MtNQl8+XRvsqG1STaAXUE5ViRuOOwNR6t8StV8P8Ah628Qa7oEdjoc/lieaG88ya0EmAjyxlQAMkBgrNjdUk3j+7m+JT+FE06B41sY9TF8bn/AJZMxRQU2HJLZPXhcmmK5iaH8F38L3WkXEHiKWT+yba6toBJYL92chn3ndwQRkewpug/BlfDUekT6R4gns9W0+zfTvtUlqsgmty5dUdN4AZS2Qw7N36V0fgnxxP4vvPEME+m/wBnJpF+2nlmuPNMsijLMPl4XkVvOrxsGxtGfzqRnnEnwbisJNHj0zVfsUGn6VcaZGslospkE2DJKx3L824dMdc1lWvwRvrCznt49dhkhl8PjQBvsiD5S7gJGHm9cMa9cuG87Yfmz70s0ixD5hnigZj+HdMm0TQ7CwmuFuXtoEgMqIyBwoABxk9h61oMvINOXO0ErgE8Uj9RQWQP0qBvap5GzUDZ7UCKN1u+Xb93PNRSTbjx261PdL/dqjPEyudvegBks5LBR1qCZwvA6mntGY4xu+/3okX5QaAKTblb5u9NaTauTU3XNVbpTtGOtO4ET3C5oqBoQvXrRVAewNGD1601htGKczEjikfGOagyI9meajk2rz/FU4Y9ulQNMvIxk0AQtIxU7Mbv9rpTHfjnr3x0prMdrYGDSJt4/wB3mgQjBcZqlMxRsxcGrW0tkc49qimTb1x+PWpuSNjT5id2SetOfqAakj27Vx1pJFxRcCNlXioZIUkUqcc+tTc9qBIOQetIClbwn5kLkBewqSO3/eDcx4OetWI9qGpWVW5HFO4HAtCsfxtg7bvCzjbu6YvVP/s9d5HCFX1zXC3ilfjlaFW2j/hGZsr6/wClxV3ccgO1WGfb1osK5X1G4stLsZry9uIbOzhXfNcXDqiIvcktx+dcMupa98TovK0OS58OeF2+/rc8ZW8vlz/y7Rn7iEcea3OCdqHrVC2bS/FXxA1ZvFl19tGn602l6LpU24WgkW2W4aUoP9ZKVLEO/QLgc4r1TJLEk4P4nH4DoKdgueMHV9T+H/jC50DQ9XuPEZRRIdA8USGK8nTHMlldMoEw7FWyPda7/wAJ+PtH8XSS2lqZbLVrf/j60bUIvJvLc+jRnO4f7Y3A9jWp4i8OaR4w0ttO1rT4dSsx8wSdcNG3XfGcho244I5rzf4r/Dyx0n4R61Lc3d5rN9pI8/TdQv3AvLVPMQeUsybXYYJGWycHB4piO21z4meHPDV6bGa8bUNYbhNJ0uJru6Y+nlpnb/wPAwDXN+IV+JfjbR9Rh0izsfAyTQOtvJqEhuNQkcj5VIT5IM9MkkjNd94c8J6L4LsfsWg6ba6XASSwt48GQ/3nfB3t9TWk2eSRz2b09/rUFHKfCvUtL1DwLp1vpNh/ZMWnj7FPpj8S2c8fEkT/AN5txLFv4twP8VddCvNc5qtxpPg+efVzbMmp6zcQWwitiDLeTgbIlAJxkAHJPQIT2qfRfFialrV5otzZS6Tq9tbpd/ZZpEdZLdjtDxOjbWUNwR2NO4G+UpGX5hTogSoB6UsjBenWiwEbsVU460W4LJk0v3hSxrhBSAm2qF96TrTvSnfw+tAFV4wxw/XqKkjzuLGpXXcpQDpUW2deu3H60AKy7unWkCtnmnrG7deBUggbectkUATW8W3HvSsuCad90Cgdc0ARtnHFRrk8HpUrfepT2p2AZu2sKmVdy5pm3b+NPU4X8KQETrhqgeb/AEjavRetWNu7vikjg2Zyu7PenYkRl3MrURqArZ9TT1iK5GcBe1OWLYp+bOaLFFW3w/I6g1eVsxk5xioVj2KDU0f3eRkUWAotvb5t+AahjdtseTkM5Ga1Ni7vu09LSNQpKrmiwGfGpQtgZOamVmI/vH+VaHlqCAAAKaYlzSAy/MYFQRh880/Y0inv81XWhWRvpT4Yz8w7CgCkIXjVgF6inJZ+XGhVGLA960FTa2aJF2sPegCMISoyMH0pWi6Y/GnMcc1Iq7lp3AgS35yeKeyeYRubpTlO5sGkZgvAosBG0KuR7UhjXoRmhW+anZ3cUgK32dC3C81KyDbwMYoZtpp+/pmgsgVQM56UcbvapHAIJHWorX7pp2AnWIr9DT1Qk8dafH05qVdvbrTuAiR4HvTo4y0gBOM0jdalt/8AWJnpmmB5x+z/AP8AJIvDffEMi5/7aNXoTKWZQCFJIAJ6V57+z3j/AIVD4ex12y/+jpK9HPbjNAHkWnyH4ZfFPxjeavb3I0jxJNb3lnqUcEki7ki2NDL5Y+VlPTPY1V+N+oDxX4DsktLLUnRtasJo3jt5BNLDG4aScKF3AKCfnb0r2pZZIfuv5dRGZ1YncwJ6+9A7HimteH4tI+L/AIDv7KPWL6COC9W5muGmvUh82NBCCzbgpYq3Bx1qh468I6z4yh8deDEvb64lubG0vtNGqSq0Msiyln2sq8IzKE2npiveXkZlOMuO6nv7VyOm6Xa+H5J2srD7MJMK0jySPIyjO0bmZvl5PTFOwXOD8eahcfEn4aXvhPT9L1KDW9YjjtZ4bq0kiWzG9WkeR2UIAm04C/eJWqN14PS6+OVv51vq39m23huOzS+tjcW8TTJKSU8xCA2Fwdue/fpXrlrM8jM0jFz2+ar63DAAbcD2ouFjyX4L6edJ1LxraC2vre2l1qW5tJL2KUGaFkTEgd1G7cQe56V6j5X+TU8rsw6Maik3Y4WkMgki9cYqGSNRU7SHpt5qNpCq5K8UAV2U4PpVZl5Jqw8vbbwarzNlh8pFAxjDdkVUaL5jVvdt5qAks2RQUVZBt4PSq0m3tV6YgDjp3qjKpbJHSgChMxZ2xUR3Y5qdf3jNSNHQBUddv41E0e7Jq3KtV3XFAFCWL5uaKlb7xop3A9UZW4oaPdgD8asbcU01JkVmQqpwM1VFu0km7GM1old3B6VXbKtwMimBW8gDINRtAvNWmb/ZwaikG5SOlAipvWNMA4NV5juUknIqZ7PrlmI96bJAGj47VNiRiSKsa56U2S4Gfan+V+7UUu3cMUgKxkOcjpTmXdCGPSrATaeaf5aMvPSgCrGpeYEdBVh22jB6YpVjAIx0qbaMccnFAHm99IG+NulqOv8AwjVz/wClcFdvHIGwe54rktYj/wCL4aKcbfM8O3i5+l1Af6V13kyHBAww+8MZyKsg8Yt/+StRD08dyf8Apmr3QDdwff8Ama8jm1DT/AXjjXrzxRp0iaZearHqem69s32tvK1oluySMvMb4DjLfLgnHNer2txHeW6XEUsdzbzL5qSwkMrD1U9GHuKm4FhY14+tcR8cVEfwf8XY6/Yc/wDkRaseKviJDoOof2NpVm2v+JWjEv8AZ8Dqsduh/wCWlxIPliQdSTzxgZJFcCbzxP8AFrwrrPhmwvLTVotQYx3viLyDDptmmcGC0Gd9ywPG/PvkdKYz3BmzIw/hJDD8qVRuYA9M81wK614/0Mk6n4YsvE9uuP8AS/Dt35UzZGdxt5yCTnrtc8/lR/wvPwharKms3d14YuY1Lvaa5YyWkhwMkJvULIcZ4BOaLFF/4h+HNR1C58Jazp0H2y40HVPtxs96obmN4nik2FiBvG8NjPO3Hek0fw/eav8AEaXxZdWk2mWtvpA0mzt7kr50u6USvIyqTsUYUKM+tN+FpvNc0648XahI32rxB5dxBZiUtHZ2ihhDGMcFyGLuf7z4/gru2wV96WwCRriOqz/8fAU9AKtqwXrQsYVvMHei4rlSONXVz6NUiqWYYGRT4rXy94LbtzbvpVjaFxjrSGN2bVBxipMbgDQ1Ki4oAbt280bd3NSMSBSRjqaAGbcdOtTJjbzS9xmmsVHSgA5zx0qVc9qiLFsAVLGg79aAHHHfrUKLtYmp5BtXNRKu7NO4DmXdim7exo3beKeke1AfWkBHIyr3xUcd0JG2gEn1qU2KHJ5yfSmR2Jhk3Bg49+tWSSB8HPelaQZGalW3TqV5pRGo5oHcrtcKCAelL54P3eae8Kk5AzSLlT0xU3GNEozyrZp/mORwrYqaPJ5NPj5NFwIQ8ndeKVlkbB24FWNlGwd6QFRo5GUjKj6VHDHPuIDcVoNGChA61Gg2nFAEarKwyWXIprQynktxVmnUAVFhLKAWY1aSTaoHpTWpVQHk0ACt82aQruzT9p7dKFUc5p3Ari3+bNC/LUpPUDpTetICscLJz3qU7cc0qr81NdaB3GgBgQORTY/3K7dtPjWrAXpTuO5Cs2OisakjmZuPLNTGPOBQi84pDIt0hYDZgE4/OvM/jx8XtY+Deh6P4hs9Jj1LTmv/ALPfoWZZEUjKsp6ZOGH416qrbT7d64n40eER48+FnifRfJElxLZtLbgdfOjIkUfjsx+NWB4L+yV8bdW8YavpPguz0yG20XS9Pnu765k+d2ZpMxqm3hRlxjPUI1fWfHavln9hHwSdL8G6/wCI5l2XGrXi2qZ6+VApyPxeRj/wGvqeNflxQAxd275qVoe9OZdvNIWoHcbtqGSAN15qx2pjKe1UIo/ZV3dMU/ySq47VY24+tNk+8Kkoh8r5ajkj281aaq7SYyKAK0n3qh6mp3+Q/WomGeaAIJFqvIvBqzu6g1BJn8KBlRl+aoWjy1WZP3fHrVduhNBRXkXtVeRQM56Vak5BNVZBuyKAM7aVdsdDUM+/Py81fMeM1XMeSc0AUfnB+ZainbI6Yq6wKtgdKgkj7etAGfRUsi7WooA9XYjoaYu05AqdlBGD0qHywvI6VZkRSM6n2pjsMZPWpZOe2ap3KkbMHHtUADsO1NbPbrVWZmSR2PYVKxZoVZeuA360CHNx9aryNmn226VW3etIEVmPtSJI4+9P/iFNUbZSO1ScVIDdvzUrL8tDdacvNOwDBzTicYA607bihu3bmkBw2oBv+F2+Gyf4tA1FfyuLau22fKM9MVxerc/GTwlluP7F1L/0ZbV2qISox0xVEog+zoLeSOSNZYpAVaNk3hgexHcfXj1yK4f/AIVfc+HGku/BGoDQnkJebRboebpVx6qEHzQMefmj4/2cZr0MK2MGn+XxRYo81i+Huq+Oblrzxv8AZbHT2ZWfw9o0pKXDKMCS6n2hpwOygBfXJr0a3tUtoI7eKGO3hiQIkMKBY41HQKF+UDHapdny1Ii8UxWI9m5dn97j864L4327x/D19X8pZv7AvbbWfLYZDJDIvnAj3jZ69EVfLOPWoNSsbbVNPvLK9jSWyuoJILiORsK0bIVcMc9NpOfagZwnwZZbPTtf0BDldF1adLYkYzaXB+1QED+7iVl/4BXoZOOD1rz7SfHOhaLpdhqlpotxa+GL1oLGLXWMZMqg+TA7gsZGRsqqsf72f4q9EZcE552nHXHTjOPSkwGeWVXjqaRm2KuTg1II93NQNCPtwkbqq8c1IrDt2FLFqfbzK2AzZPao/L3TOeMUsq75Ux98dKBlsZPTpQV4oXKZ/WpFXdTsBGq8GlB5xUme1Lx36UWAizgGkI3c1LsJ6dKasTd6QBDHnipmUDANNPy4p6tmnYB23pjpTWWn9RT9vFIVyqy4qTnjFOkT5hTlj2rmgYKxPWl3fNijmm7cNVkjxmlZcEUi9qfs7mpuOxG2SKbtqWTHbrTckUWGCkdD0p/B6dKRV3UHptpCuOICsCOtSBqZGvymnbaBjZOlRJ1qx1pu3ANAEbdKcpdlwOlDDPFCnBxQA5UB4PWkUKrYp2cLSBd1AD+O3WmbDyTUirilXvQBA/amDjNSScmo/utk0ANz5fNN+81TEKuDURddwoAeqVKvpUa+p/CnK2TQBLt4pVXmmrxinM2RVWLArzRFlHVgcFSCPqKcpx1pcDqOtMChoug2Hh3T47HTLKGws4ySsEC4VSSWf8SxzWgV6U5VDcHrS428UAN/hqNeWNPbvTRQApXFR5wak3Dv0oKjqKdx2I/eon3bhjpU9RydDSGRMzY5qHrkmpmkwuKjZdyk0AV25b2qGZtvA6VYZdvJqFmHagCmw+bNNHepJYyxyKZ5bLyelAFaX71RSLirD/eqFuaCkys/Q1TkG1s1dkWqrrg0DKs3y/jVWX71XZhuBFVJIyvI60AQt901Xk6mp23Z5qH1oArP96inN940UAert3pM4Wn7dzZpvQ4p3MiHG7NV5oDJtA/hq6etRuuOlICn9lUrlhnNRNb9mOF9KsSRs2cVEqnkGgm5H5IXI7VCYRGvuasu20gUjruGaBFXy/LpKmkUjpUR3Z5pWAb/ABVIi0i0vPamArLt5qIY3AsMr3GSMj0yCOPxpd27PqKf1VhjPFAHxR8Rv2kvGXhX4oX+nHSbGTxFost9o9pdDcscqzyQmKQxEHkKq8Z53Zr7WsYJ4bG2ju3V7xYo1uGRNqtIEXeQP4eecf7VfNfxS+EH/CQftdeB9WW2V9OvoV1C7kX7okswSc/gLevp1fnZiQASTkDp1JP8xR0Ehu2mqlWGVe1NVcA0DGtwuKarbTmpuq00pmgVxu7dzUWoWyajpt3ZSsyR3MLwMyfeAZSpx+dWPL4p6x5qbhc8iTwPr+rfCjS/h5d6SYJLdLWwutWMkZtWt4JFJlj+bcXkEYCrsGCxPavXzhmZl9eN3vnkfkM+9O+VR70qt8wouMB79ajMPnNluo6VO33hSKSDSAb5KqOOTTYY13b8YJqR29ahglVmPtQBOO9PCcZpm4k8dKlEnGDVgOX5lojTmhWHanI+049aQDtuKYvWpNw79KbgxnI6VICMMrTNxXgVKrbjmmnmrAWNhj3qVWHfpUQX5BSqcHFTYkcwPUdKd5m0YpP4aaqbfxpDuG75gvpTmzijbRtp3EIr4anH5qQqQwxSpuzzTsO4m2nrzS09ffr2phcaqsPpTyM4qTqppu3FTYLDc44pik9qkpNtFhjdxPWlkyV4qRUpku2NHd2VURSzMxIAAGTyOn1pAR7W280qjbzXn9j8U9R16BbvQfAmvavp83zW980kEEc8QJAkUvICFJB4xzjNSnxl41kfanw3uEz/AM99ZtV/qf507Ad6DuOKehwwFeY6t8QPG3hvT7jVdQ8Bww6VaL5tzJBq0c8scYPzOEVedo5PPABPavRtPvoNUs4r20lWa0mVXjkTo6kAg/XmiwF3OKbIx7UdjTTyKQEbMD0/Gk5HSnbcNS80AQuXZ1A6kgD/ADg4+uOK880fxNqXxCv9afRLy30vSdNvn02KeW3897qZMea2Mjy4g2AOOeTXobMVkVgdpByG9Pfr2rzTw74c1f4Y3+uQabpLazol/qEmpWjrcRwyWzSYLxP5jfd3DIcetAGOvxqvf+EbFstnbf8ACZf24PDqwMT9m+0g/wCvbHVADuI74xXdf2J4hgvtKaHxNNeWpm236zWsMZZCjfMhCDGGC8EHIA+auJm+Bt3ceHJLlb+2tvGTa43iNZ1B+yx3JwPs477dmFLdCwB7V3+kyeJ5/ssl7ptjpphJeaOG6E5uSOVVMKu1STyTnjIoA8q0X4rTL8LfF0+qeK1TxLYz30dsu2JXXyS6xIECFfmwDyP4vWvSPA/iiC18C+GLjXNai+36lZwy+deTKjTSuisQoUDpux0rD8L/AA713Svh34l8PzyaYLrVJb6SKZJneKP7SzN82UB+QN0Gc4ql4k8N3Wm/C2w8MyGGbX4LCGC3W1s5LiO5WIpiMNt/dh2QZ9ATVXKuewcrlSMevYk+p9aWo1WRY1WQIsi8P5YbGcDgeo681IvvTGC07dQ0YOCKVUoATy91MZecVLu20iMGbB559cf/AK/p36UANVM08rtU14drHjy+bxxruial4lvvCOurcgaJA0UaWF3b5G3DMp3s3zc7hjdj2r29vlypH3ePYden/wBanYdyH1pOtO5yMVFLIF244HUmiwyKVfmqEttNcR8UvGV/oF14X0LTJVtdQ8RXr2323hmtYUQSSSKpGC2NoGe5FNvfDWrWNxHPa+J9SexFrOtzb3To7GTaDFIrBMgZVgV+781IZ2jHcCKrSLivnGb4zXX/AAofTdTHi+YeLpjBLMwaPzCzzKrKUMe0AISRjuK96ttWs7NrbTp9Qja+aEMqTSr58gGQW25B6+goJuanODio23VELgbhGTl6kP7vFAyGTB4PWq8h7VYb5mqGRcGgZXk5BqqVxmrMveoHoHcryrubFVJht4q1cEjp1qvID1PWgZVboarSdTVqT7vNVXkBbaKAIKKRvvGigD1/y85NNkG3mpg/H0pr/MQcZHcetBkRfw5PSo5Nu0461yXiXxdrbeKB4a8J6bp+oalDb/a7641S5eG1tUc7YgSgLGRirHaBwATXCXXxU8QW8+ybxZ8LbGRTjbNqk8hVg2CCDtPWnYm56+xwBUbeory3QPFHjLxnDdnw94u+H+svaoC8NlHPMPmBKKzmX5QSCM+9d14J8Ux+NPDNpqgga2nfdFc2z5329yh2zRNkAqQ2RjJyMGiwjV2huD1pJBtXFPK4znpSPgjikBAfumoWXdxVox54qGMbWIoAhwV4FLGGbIPSpm756Uny9hzQA3y6cxxgVKPu0wjPFAC7M4Lde1Lt280qttWlK7sZoFcarfKaerZoCkHHal20DFzjmkK7uacvWlT36UECKlSqtJlR0zWN41k1pfCOst4bUPr4tmNgshADS44AJ4BPb3x1qbDNgSbW+br2p57e9eV/CLxRp/inVL8WOra0LiC0iivvDviKVzd2M4Y/Ptfkgr8u5fl4Xp0r1MMI+NuDRYdyT+M0088f4U1G3EmuL+N3iK/8K/CXxPq2llor6C0CxzJ96Pe6oXHoQGJz2xmiwXOra+t/tD232iETL99BIu5f94VnQ+INLt457l9TsUtFbMlxJdIERm7Enp0/Pistfh14btbPQI4dOtkewlguLW8REWR5Bt+Z3PzSF84JPZjXid1a6jD+zn8T7Oy0zTm0dL7W1Ny05WbaLpuUiEWDtwMfMOcc07Bc+m7eSK6t0mhdZYZF3RyRsCrr/eGODUm35a5W68XT6TrXhrTv7NWWz1LECzrdLvRxC0mFjxl1AjILZXG5Rg9a6rbtyufu5HHfnvTC49VO3jrSBWGc0qnGCaeM4z2oGOBxinMu7FIrZ7Zp/wDD93FKwEarjipEX5hnpSx05ulMVxrJn6Usce3k09aZnGaCRZMlhjpQqj8ajLHPHBpysfMOWyKmwDylKqjvSlS2COtMkI3Ad6dhj9qjp1pqnGadH2pGj3N1xTHYdGu5ST0pdp3cdKcnyjpn3p23dzQFhooU7sipNvFBXFAyPbhhTm7UdaULg0ANXHfpnn0/H2rzv4rahLrk1h4FtJ2gm1lGm1S6jOBa6anEzMe3mcRr7b67zUtQtdK0+5vb6ZbeytonmnlbkJGoJY478A8d+leHx6DrnjbTBeT2lzaXnj24U3lwq5/szRYlJWDd/wA9HjIAHdp2PalYD0r4Xa9ceJfDs2pC2hs9EkuHj0SKOPY5sUwkcjD/AG9pYei7PWusI3cjr24zSW1nDZ28VvbxLDbwoIo40+6iqAFVf9naB/3yKm28UwOM+Jmoaz4c0ODW9Jzc22lzefqViqb2ubQjEix/7Sglsd9uO9c/8M76DwjrUng+O4Fxot3D/afhy6xxLbMdzw59YyxwO4bPavVAo5DLuUjBUjOR6Y7/AErx/VPhvqmk+HtbtLCaKKLQ7z+2fDN55nzW42l5bY/7GQVz3Dg/w1NxXPXlGRjvUbMytzXlnhn9oLQta0OxvV03Xi88CSmO30a5lWNtoJVXVcP14O7otaHj74nSaV8L5/EGk2lxbXdzcw2Foup2xhMcs0vliV435wv3sd8Y70WGegtJ5Y571G8wYgCuPm+Hr28NqLfXNW/tGCeOSa4uLxybkK43xuhwoDZbG0DHyjmuD8F3yw3XxJspbXXNZaLV7u1jMfmTxpCqgpErs42cnPB70WA9rk+8fpWD408P/wDCT2mmwi7FgtlqVvfGRujeW5bZ+O7H41wfwn8YWPhv4H+FNS1KW7lmurNriaRY5bl2wSWlcfMQBwST2pvg26g+JvxC8aXWrxLqenaLNBYaZZXQElvGrx+Y8xQ/KXkLD5iOACBg4NOwHrnmh1DKPlPTHQcDj9al+6vXtmvNfFnhGx8O6Pc/2a3iS3gu9R+1Gy8M/NMWMarzydqfLxgisrwDpUsHiSzn/wCEa8cQsVcnUPEOp74I+Dz5fmfe7fdOM0rAeiaP4z0TXNW1DTbK+V9Q05wtzayI0ciZ5+6yr19s1Z0DxJbeIGvVszcbbWY20/nQNEPMX7yjd97qOleX+KPBF7rfjTxJ4j8MzfZ/F2k3FsLdScx3sX2WEm2k/wB7kj3xWn8Lb65+IXgzXr1LjUPC8+oazPIfsu37TAQVDKdwI6qVOR3FFgPVwvGacqZ5xn6VwX/CrL2RQ8nxF8XHscTW6j/0XXISeBb9fipD4dk8d+LJdPbRTqBb7eiSGTz/AC+0YG3FUWe4bGIxtNJ8y/w5/wA/55rz4fBy1b7/AIt8YyH/ALDLD/0FaWH4G6O8i+br3i6TcRnd4hnWgVza8ZeP9D8EeT/alw32q5O22062Rpbq4b+7HGvLZ9R+lUPC914y17WE1PVIIfDWirGRBo5Cz3k2eBLPKPljIyMRp0x8xPSub/Z/8M2Gm6drWqCI3Gryare2janeO09y0MU7IkfmSfNtAC9K9YKgcg5Pc0DPLPHnw98QePND1bw7frod5pt9cO1nqNyztcafEZNy7F24Mig8bWHLcnGat6t4Y8Y+E55dR8Lau2vWZAaXQ9ZbLdMH7PMOFPfaflyfvGvROSeKcFORk8fXH86oDz/wz8VdF8SXcmnXHn6DrUMRe40fU18mePjlueHXr8y8YrG1D4sTeIbh9J8AaaniW+jzFPqkjMml2hx/FL/Gw/uJyelL+054X0vxN8LZhqNpDNLHd2cMVwY182JZLiNH2t2yrMPxqnpuleLvg7psNtbwL4x8H2qgJ9jhWPUbKIDJzGPkkUddy/NgHNA7l7xR4Cv/ABdomiTS6nBa+K9HuPtdvqSW5EPm42yDyzyI3B4H3uAa07XTfE13HI2pS6VABA8UcFn5jpK7AgSO8iBgANx2rnkV0mnaxZ6lpMGqxO0NjNF9oD3CtCQncsH5XHvWZD8QvDN9u+z6/plwEHmbUulxtHJI/AHNSI8qk+EviP8A4UnZ+BnutM+1RFI2uvOl8rbHIrjjbu52459au+JLMSeMPDMdvFa3GtWd5HPd28dqzP5bROpl8/aAFQMev0716IvjTw8+mtqA1zThYK3ltdfaU8oOedu49TitO3votQtUmt7hZ7Z13I0bh1Zf7wI4p2AyhGWd5D8rZ+bjPc459xzU6TecN2c9qsyANkd6jkh8pc0ihn6VC3f5s0u7rTHbrQBWkbc30qJziny/KahZs8UDGMCeRVaZxgjvUzybahb5qCirN/q24zxWRIoyhK4Ga2plrPmixgHoKAIHzxiinsSvAooA9i2/Lg9KyPEniKz8I6DqGtX7EWdjC0rqvLPgcIv+0xwo9yK12U4Kj7xGB657fjXn3jZR4g+JXhTw3eFU0qGCbXWjbpezQOFhh+itIJW91SgxLnw48P3miaLJfawF/wCEh1i4Op6ntP3XcYWHofljQLH9VJ/irai8O6Pbtuj0bTkfcTv+xRBmJOepXJq3pupWutWkd/ZXUV9azZaO4hPySDJBYfjkfhUz5xxTuSRGOOHPlwwxY5AjjCgflxXnt8D4B+JEd9nytA8VSLbXePu2+pAYhk+kyKVP+0q16O2NhzjOM89Px/wrhfiPq/hvUfD/AIq0DWropb2ulfb70qpzbxEt5b5/56h0JVfYUXA7BidvI5GOv8J5yB+VRFdx5rzLwp4+8fHw3pP9q/DfU7rVDap9oma/tIhI2APM2mXKkjGQR1NbF14u8R2vhPxLq194UbRJ9NsZLm0jm1CK5851jZgCIgQoyOcmkK52O08+vbmq8k0cYYyvHGo6sz4Arz7wj4E0XXPAPh/U7+Lz9ZurW21WbWXdvtJnJWYlnwcLuyAn3doI7V51qWmyaf4H+ONnYeHrWWwXUtQUzvKkQhVbaJhiMrk7SS4xxmnYLn0Ik0dwgeBhMh6OnINZ934n0Sx1A2d3rFhbXaAM0E10iSj6g81ykXjF/CPhXwtFZ6JdXFvPYWkMd3CqLFDcSxqsCMhIZvmAyQOA2e1Zfwg0/Sdc+A2lXGrpDeRahavcaxcXAy5uC7ea0j9pFYfh8tILnf614s0bw4wi1LVrWwmZPNEcrhSV6BiPvAEg8nikuvEmmW+s2OmSalax39+pNpatIF+0AYOUJBVuM9K474Qyq938RTrTAX6+ILkX5m4K2KxoLcN6RmLcQO/zmuB8L+Dm8X/C34daRq9zPp0n2vU7nSLqN/3tqq+Y1pMnqFRUIHdQBQFz2jVPHGjaO2oxXF46Nptst1d7baU+TEfuuxC9OCcjptz2qtJ8RtGt4fD8jvdFdecJpuLOQmZiCwz8uF+UFueqgmvMIdc1jUdH+K1t4ns1sde0zwytncyRuBDcsEvCk8TE9JAykDscr2qMTS2Nr8ELm/8AEUF9DNeW7Rw+RHEkY+wOu7crZIyQp3dzQI95VvnwBlgTkAZAxwcH61OCzDAVj/wGuK1T4Yf2xql1dzeLPFVv577ha2WpiKGLIHyooQkKPr3rjPHPwzttPv8AwdFB4g8VSpqeuxWVx5niC4O+FopWIyrLjlRQO57XHHIf+WbflSfdPzAj2ziuAT4G+EG4mt9WuBjn7Rrd4/uM/vPQ0q/ArwG7IjeHUnBPJmuZ5D+rk5/CkSW9c+JStq0uheFrAeJ/EMeFmjjkC2lmT/Fcz8qP90Ev0HerNp4R1u48LapY6l4qluNZ1Iq5vrW1CQ2TqFIWGPcCUGOjMS3U4HFY/wAA7GKx+C/hNbeCO3EloJJfJRVDSZbLHHJY5PzH0r0GHdg0wOHvvhba+JNYu9V8UXf9rXk9iunRvaI1n5cayiUMGV2Jk8xVOQQBsxVUf8Jr8Po1I874g+HozwvCazbqOuc4S4GPZXI7NXfvCWugD/qwOKmjjC3AC+vrjPtQB5jZfGBviFNLpPw8g/tG+iRftt/qkUkFvpmcja8ZCu8wP/LMAf7w611/hzwiul6NfWWqX914nk1Ak302pENHOCpVkWMfKkZBI2D16lsGvOvCXw+0jxXceJtQb7Tpeuw+JtTWHXNLkMN1HiYYVuCJF/2H4Nd1p+qat4T8Oanc+MtUsbq309HnGrWsLRNJbKDlpYs4V/ZCQf8AZ6UAT6D8PtJ8O/Z0gmv57ezz9ltbu/lmjtPTy1Zjgr/CxJ28YxjNOt/hr4bt/Dt/oi6cf7I1CV57uzku5nWZ3OWJJckbjyVGMnmqVn4s1+ez0q/bwusem300ClWv/wDSreKVgBNJGFwowQSA5YZGeM1iv8VtWX4a+MfFDaPYxTeHLi8ge2a4d45vs5/etkKuA23jrzigDpNS8EQ3+qaT81vDpOlzx3dtFHAzXKTITwJmb5EORlfQEV1UMZDY6g8kZyByQcH0yKo6PJPfaXZXFwqiaSCOWTyySoZxuIBPPHStGNismBQMVowOT0qTll9hSbWY89KPLoHcdF+8NWGCquO9QxLgGn0Bccnelxu4qPdUq0EjkG3ioZDg1I3tSZC8mgY1V3c07bilEi4p23cMjpQOwnGOelHlhulJGuCcU/mkFhVG2mldv404ZzT27UhiLytSKuOaiqVfu1QrjuaOaZu5oDDv0oGP5prd8018/hTF60AU9f0O08TaDqGjX6F7K/ge3lUdcMMZHvzXKfC3Xr64sb/w5rjk+IfD7pazu/W5gxiC4Hs6DJ/2ga7odR0z2zXAfE6zn0G6sfHemW5lutIT7PqUCDLXOnucv/wOM/vF9t9K4Hf8kHFOVcfWsTVvFltpugx6tFBe6tZyCNoV0y3NxJKrjKsoBHGOT9RXNt8WZm4h8DeL5iwwT/Zir/6E4/nTA9DbHGTgdznGPevOfifdT6/PpvgOwkaO61wF9SmgGWttOQ/vWB/vSHEY93FdPpvixLjw7eazq+nXvhq2tBK80WplBIsSjJc7CQOnc1g/DDTru+gv/GWrRNFq3iIpNHA4ybSyUEW8AP8Au/O3+1JSsSdpawx2NrFa2y+RbQIIoYo/uoqgAKv+zwP++RWF438G2Xj7w3faHqTyJBcqpSWE4khlVgyOvB5DKp6dq6HdQ33emaZRymjaJ4hxbxat4htbq3iKsWsrLyppSCCA7lyAp4LbQMkY71R8PfD268P/APCSONaWWTXL2S/lxZAeRLKMMFy53fKODxzXcLFs/hxmkdKAPL28G6p4J8Aad4V0G1vPENukbWc11G0MEsdtxlQS4UscsuR0znnGK12+HsFxqlvrNhcXnhLVnto4LuOweOVCiDCKwZWUlBwHAHQ127R4pu2kBQ0bR4tHgdImllldy81xcNuklbsScD+HA4G35a0gMn3pvNOVcds0XApWei6fpt5PdWdjBa3E/wA0s0UWGk/3m/iq1Fbxw7vKjjiDtvYIPvMf4jUgjy2c49qcrbcimAc449K4C8Jj+PloD38Myf8ApZXf5LHAxz/e6Adz7fWvE7z4seFk+NdvqkusR2ukx6LLp4vrpTHDJOtwCyI7/exg8ikh3Pbl5GalhIDjJwM9TXBN8evh6Mf8Vfppbp8shb+XFR+PvFGpXfw7PiHwPqME8xaNbYvCHiug0yQlSW5Tk9R3xTHYu/DPQ7/QNL1mK/tmtWn1q+uo1f8AijkmLIw/Amuw3ZIry2y+JcnjbR9In0+5m0LU01aLT9W0140eSJju3o28EjGOGHZq3tc+LXhjwzq1xp19e3CXcDBXSKymmx1IJZEweDQM7BpMN60izfLnGM1583x48IvISt1qT4/uaLdt/KOo1+OnhWTBzrbAHtoN5j/0XTuAnx+ff8L9RH/T7Zf+lUVdys3l54ydo4/A14f8ZPi1oXiDwDeafYRax5811abTcaRcwx8XMTHLugUcA9TyeK9wW35DgkE8gFeaYHlvx5v5pp/AdpcAHQ77xDHHqayY2PhSYo39UZxnHfbXYaho+nXV1Z39xBH9utfMW0m+VHIZMMoHcYwSv+yK0Nd8P6f4j02XS9Utor3Tpz+8hkDDBznOV5yCMjHcVkaf8O9H0Zi9vHdGZotgluLyWd0U/eAZ3JQcAcY4JqR2PnKOXWh+yXOkek6WdKW3LecblzIFFwCW8ry8cnjBYDn8K9y1bxU+jyaHZHSrqaC8eO2F/HIoVH8tjt29WGFPI4HSrbfCLw9D4Rl8MpBcJobMHezS8mA6liu4NuILYYZ7gVS8RfDuXVp9Ftka0Sw0y4juINQklkkvV2D5kXgjDcA5PTNO4joLi8LRiPcrMCckdDg44q1G3mQIvrStYpKHIAyw9ORnJwaIbdo1CnpjbSKIZBt4qP8Ahqw6j7p6VAwKtwcCgCreSCNCx7VSVnKgnpV2SNZMrnJqrJEVj2jrQBWkk2tk1HIxWMkU6SMry3XtVdt2G/u0FJkLXDbQ3XNQzZ/u4BqSRdu01FcHcuKBkMnaikZKKAPaWXAIxu/2fX2rjvid4bvNc0KC90hx/wAJFos/9p6ZM3R5FHzRn/YlTch+tdi3eodp+8CwI5BXr+HvQZHj3wr8TWFhriWVkzJ4a8VRvq2krKuPsd4pP2uzb0IwZAvb5x/DXrLEjjAA9R0ry/WNPtvAXjKe5u/D99rHhjUbhdXhXTLGa5fTdUTiQ7EGQki/NuH8Qatj/hbtjJjy/CvjSQnp/wAU9cAHrkjcvqaCbHTeIPEFl4X0HUda1GYQWNhA9xM55+VRnGO5PTHfNeM+GtBvvFWuWulavEzXV1JH4p8URt0LH/jw08n/AGdqlh/dQnvXbal8SY9StZYH+HXi7U7c4Y29zpSLG5UhlyHb+8AenatD4d+HL3QNEmuNYZJPEWrXDahqskZyPPfpGD3VFCoMf3Se9OwjqZR5js27fk53L0Of88e1QzRrIrI6LIjKVaNxlWBGCD7EcVY/hNRHvSE0clo/w10XQ1jt7V9ROmRSGWLSprxns4stu+VDyFDYOCSoxkcgUy3+GuhR6frlkUvZrfXpGlv0a8djcNIMOeSCu8ABgD6CusZaTbinck4ubwfqtvqmhLpWpWNpoekoohtbmGaeTdjAYOZcnC5RA3ABJ5xitFfAnhuPWJ9STRLeK8kn+0yODgNJ/fZAQhf/AGtufxroVqN/vc0gM7VfCei+IbqO61PSLHULpRsE1zEpZhnIBPUj61Zm0yyurm2vJbG2murcD7PNJApeEdlRh0XirUZx1/Clb5uDQBWksoLkMssMU4YKreYgYkLnbuz97qalS1iSNVEEQXsFjVQKeFLHjoKdtpAJ2AAx6AVxXxL41H4fHuvim1/WGYV3CJuYA4weDn0rxn4pfEFLzUNOn07TJdU0nwvr1nJf3kcqxq9xlojbQBmUSOvmLvYngkCkgPYlVgMe+ePxqSMlXWTadinLMc8Dua4ePx14okBC/DHXlbjJuL2yjxxhsnzSQc+1UfiVpOp+LPBGkzxfafBniM6papbT/aBI9m7zBSG8ttjghVyD2zTe4HR/Dfw3ceEfAei6JdSJPPp8HkPLHu2klmbA/DFdPGvymvIPBvikeLviFo9prOnRad4y0eyvodV0887JAYBHIh/55OGcqe24iup/tT4nNxH4d8LwEEAedrMzkjnJYLb/AE4yaYzuNmeDUkQCsoHXPrXCK3xTmOTB4Lt/ZpbuXH/jq0NpvxRfrrfg63z/AHdPu5APzlAx+FAiL4VwbofGQyw2+KdSPDcffWtD4n+CZfHfw88Q6Ba3Aiu9Qs2jhlkOEWQYZd3+zkAH2JrM+DMd5a6f4tt9Smt7rUo/E199omtImiiaQ+WzbUYnA5HevQBmgDkfDfinVdSsLCGXwvqmm6lGkcd1HfQeVbRbRhyJACJFIBKgE/eGcdR5nJ8J7jWvh78SIpvCckniPVtQ1GTTTdlA0iXGfJY5k2qOcsGx0HevdpsRqHPQVFBlpCzcFlwE9KAPOtdt3tbn4fXQt2i1u1urK3urL+0Nt2sLbojsijJRlLfMzE9I/WvU0UmYAEEfXJwOMA+lQiNHuhKsMSyIu0XDKu//AHQetXIowBnOW9aAJWTOaZgKDkZA5IzTmPak9R68H2Hc0AZ/iDxJpHhKzN9rep2ulWW8RfabqTykLkZCjg54rlpPj18Pedvi3T5sf88RJIf0TFcxrXiu11Hx82u3FpJqemaFeroOkWMahvtuqTkLcOoPGI1G38JK9lZEtpCIQoK8AxqFGBwOnGSOaAPOV+PXgvcPK1G8uOeGt9LupPy2xc/Suw8JeK9M8Y6LHqek3X2q1Z2hOUKPFInDxuhAKlSRwR3rXkuLhlISUiQghQZNoz2yewz37V4p4X8XLp/ii18RG1/svTPEl3/ZGv6ezZ/svWoiY0dvaUfJn+LMbd6APbFXdk1FKtPSTy2IJ+boc+vOQPyp33moGRxx5qxGNoxSBcc0H3pXKF6mlVcMKZuPbpTw2aYElNPWnp92jdtbNAriKuwGk3ZalY7gTRHzmgQUjjCmnbcNSSZPQZoHcjX52z6U8L60iq27kYqYLgUBcZtUUzqrAosqMNrRt0YHgg/XpTt27PtTOrClYLnA2vwfXTYfsul+MfFGl6ahxb2NpdRCKBMk7EOwkLknvTz8H7WZT9r8V+Mbhv739tNH/wCgx137LtXNMZvlNMLnAt8DfDUyql/c6/q1vuVntr7W55Y5QCDtZCQrA46EV6GG35Lck55AwMnB+Udh2x7U1c4GKAWDc9KBDmVQRinrHuXNM27qerbeKVx3FK8YqJlp+75qZI3zCmFyFj2HWk2huD1qby+9RuuKm4xuNvFSelMX7wp7dKdgEZd3FIPkI7c8njj3/wDrVHLcxWcclzMdsMCtLIcE4VQSeO/Arz3wfqniL4leE4vE1nq39jNfLJJpuniFJIRGGIj85nUszMAdxDDbkfSgB/xVmvrq3msby4Phzwbb24uNY1rzFEs6c/6LBjnLcb3HPIUcmoPAPg+41y80/wAQavp40XSbCFrfQfDeMC0gI2mWcdfNcD7p4UD1IrY+HfiS0+KngXS9Wv8AToW8xw0ltKhdYp43K5Geu1lYjHQGu6XL4JbdkE56knPU+lMCMQwfLtt4lC/3UUVjeNNJv9Z8OvaaYkL3DXEE375/KVFjmSQ5+oQj61u7cU9e1BVzz3xX8I4tc8aaD4qsZzpWp2tzHJqNup/d3UaKcbvWRCR83oTXoSbo87WI9AOgGT/jSrS0DHtcSMv+sbimfaJe0j/99UYDcHpSeWqsCOv1/SgDzv4+rJJ8JddMjk/vLQ4Lf9PUVdjG2YYz/sj+VZPxHsdH1Twhe2OuanDpGm3TR5uZHWP5kkV9q7uDkqB+NW9N17SNShlew1O1vIbZf3rwzo4jHJDMRwBgU7gTNFvJqL7hIPSqmmeLtC165e303WLG+uE+ZoraYSsB/ewO3vUfiHxNo3h9o01XVbGwmk5RLm4RGK/3gDzRYovlS30qJ488VH9shaz+1CeIWvl+Z5zSJ5ez+/uJGBWPa+PPDt/k2uv6ZcBRn93dR5wO/wB77tIk1lj2Nj1pHPasj/hL9Gay+3LrWm/YixT7QLuMR7h1Xfu5NWo7qK8iSeCRJI3XcjxnIK+2OtA7jpOWqBl+bmobnW9Pt737HPf2kN7t3eQ9wiy7fcHmkur62tRGbi6hgWQ/u2kdVD+w9aBisi7uKikPUVLKw25C9Bk4ORj1Bql9qjl+ZHVw3AZD/OnYBsneqUi/NmrMhLHAGTVeTc3RGOOtFhleX71V5k71PJu5yMe1QtxSKK7LRUbN8xooA9pqN+9Ppkg3ZFBkRqx5wce9IxZuPMJ/GneWe1NZQOtAiBlx0OaibH41PKN3HaoPL25NO5I1vumolbrUrfdNQk4NIAZienWo33EjPSnqu7NGyggTb0pNvNOzjijpQA3bTGbbSO/NIF3EGgByrjn1qRemc4759KD1K8c8c9PrXnHxIu5L7x18PvD0+W0XVJ724u4P4bh4YC8ULjum7LY77cd6AOw8V6beeJPDVxY6Rq39ktefuW1GEeYVhJAk2H+FiMgHsTmuF8B/D/7VdWmpX2lNpOiaOWj8PeH7gZaLqDd3C95m+bA/hDZ65qTT4F8MfHW207R4FtNG1TQZru/tLddkSTxTokcuzoCQxQkfe2j0r0xV3YyctjmgBYm3MwJdjnbnOSSeck+maoeINDTXreCGS7ubVILqK8D2uNxkjYMvUEHlRxjnpWgY6lh+dT7UgM5vDOmyeJ4PETWqLrUNrJZC5iwN0LMjFWwQGwyjBxxkitZVwoJ60m3HTrTo++etMYrUxm3H/wCtmnj71c/448UWfgfwrqevX6vJbWcW8xR43SMSFRBweWYqvTvQIx/hvayRX3jwyKy7vFF0y716r5UHzCuyK461yw1DxlZR6bd6jHo72ryK2oW1vHKZbKEgksrMxDlT975VA5Nc7a+PPEWsfDebx5pyWK6b9nkv7TRZoC8lxaIcgtOGykjoC6gLtGaAPSpdhVd/4UKoeXeelecaZ8RJPiF4mj03w1ePp1jFpFrrNxftAJrg/aeYIUjPyg4G5s98AcsKl8P/ABK/s6TxXpniM77zwzcQRy3ljbPJ9qgnQPBIIkBIPJVgo4K56UAelKp7dKVeGxXAj41eHpMCG08RXJJwFg8PXjbvb7g61T0342W/iqEv4W8L+JPETK7R5FiLSBWHDBpbhkUFem0AmgD0zfuYZzjODiuQ+I/ii+0Hw35ekASeIdVlTTtKRun2qTpKf9mNQ0hPohqgsPxI19QzHw74Pt+hHz6ldbT1x/q4w313Cud8TeFL74d6tonj+/8AEWpeKI9Kd7fU1v0iVLe1nCo9xDFGoWNo2ClsE/KzUAS/DHwvZ3HiNHst0nh7wfG2k6a563N+wJvblv8AaBYoG/23r2BW9sUQ+W0S+UUaFhvRo1wGBwQ305/Wn7dvNAB5e5T6dOOteX+PPApuPFM5aynvfDvjGP8As7XIbZS32a5VSbe+HpwACexRD2r1AMO9VNa1q08P6NfanqEogsLSFpppD2UDJoA5b4Y+INQ1TTbzR9ccSeJdAmFhqEm1gJgFzFcJ6rKmHz/eDjtXcR9RXDfC3SL6PSbzxDrKGHXvEsw1C5t2620OMW9uP+ucfB/22eu78zcuKBhSbd3FOXOOOtOTPOetA7kaLzjn8amBwMUwcsKV1ORigLjxkjijaB160RsVODSs2aCROKVe1N60me1AElJz2pvWgKQeOtADkDE4NP3beKbxj3pjDORQAjsWOB1pVX86ZnHB6VIxIXjpQA7ZnrSNGIunWhWokxxnpQAK3zU9V3ZNRKpzkdKmWpuArLTaRs9qh87HHekMl2ndkU1d27mkVs80rMWYAVQ7Cv1FNZvlpkysDUe7fwetSMk3e9K2e1MZcYpR0qwGtGkwaOVd6SKUZeMsCMEDPcg4HvXA+FPCfij4f+GP+Ea0n+y72zgEken6neXLIYEdiV82HbltmTwDzjFehKu3mn+WT0oA57wH4OtPAPhPTdCsmd4bRCDJKCrSOzFmcg85JJPsMCulXnFJHGMHPWpAyqeOtK4CFaVTjins2cDpTG4U/NmmVYU5p6/dpiNxUiHFAwpjZ/h+9nI+tSldwqJlI5HUcj/CgDyWOdtQ/aS1W31IK8Wl6HbtpMM2Ni+YSZpEz/FkbC3pmsr49aXZ6Vp9jcwxraQavrVhBr20qoktstjzFH8LHCk9wpHevUvEXgzSPFM1vPqFrIbyzOLa8tZmt7iJTyQJFIO3PYGoofB+iw6Teaa9iLyzvQRdLdyNO84PdpGJc/ieO3NAHnPx+QWuk+C9Q0uJYtWg8QWlvaNCNrGJiwkiHqm37y/Ss/4I3M95q3jy41jbLrsmuTWt153UW6YEUf8A1zwT8tejW/w/0TTL62u4oJrm6tQy20l3dyTi3VhhhErF9meOcAnGDxVTVvAekaxqUuozW9xDfyJ5VxcWN3JatPGP4ZTGw3j6incdz5vXUL2OHT9Fbd/whJ8eT2QViBEYIiWigP8AseYSAO5UCvovVNB0y8udOvLuGEXlrFJFbz4VWKtGSyD1UgZ2/wCzVyXwToU3hv8AsCTTLd9HC7PsYUiPgjB45zkg7s59OazLH4f6TpC7YFvJmWIwRPdX80zQqQRtjLN8nX6/hSCx86xyarH+y7bIdH0/+zYfJbz2vCXCi7QjEPl4POOC2DXsfjH4gT+E18u20e+nEkTQ218saeR9qMLOihA248gcgYHSteX4V+Gk8Jv4b+y3Q0LzN5t2vZc4UhtrHdyM5b8Kq6n4e8QjxJpZtF0uXRNNRREt9cyvMr4w8pBQh5Ap2rk9896Ascj8JfDeieLvgvp/9pW0F/Jq1p51/eTgGaSd8l5DIed4cnB/hC4qD4f6fZeJvG3jptctYdVns9RGn28d8iuYrRY12+WBwgbLkkdS2a7KP4W6DaXF01p9vs7WeVpJtOgvGSzd2OW3RZPDdWHCnpz0qxqngnT9R1STUoJrvSNQkjWGSfS7gQGVFGFDDGOBwGABA4zQM8E0vXr28vtB8G3U8zeHf+El1CxkkZuJre3UtFblu4yenfZivQfiFotj4D0W71nQbddIu7s2+lBbFAsaeZMi+aqdFZVY4I74rr7z4beH7rw1baF9ka2srORZ7aa2kZLiGYHInSQHc0nJ5JI9qxdf+Gqa14dvbOfVrzUL9olFreX8iYhZJFlT5URVwXRSzEU7gczBaw+IPihqHh28h36HommWrwWOWSOSSZSXmkKHkgAAE9OT2rM8WWJ8E+MvB3l3OtXtndXt4xtYZriWR0A3RIyq2X2ZwD6Gu5u/B76tfWmtie48Oa9BAbaWSGOOUSRAltkiEhWAJLKR61V1L4fzXmoaNfSa5cyXWmyyzFriIP5zSAq2cNhV4BAXpgdqLjOZ8DeLLa1n8bahqeqXVrpsGqGKEavK6/Z02KQNr8r8ztxWu3i2HSfFd3YXmoJ9gntE1G3uJpBsiUuUZAf7udpHu4qDUPCNzocPiqd76e7XXJ3cfYNOaWa2Z02Z25O5doHOOa5uPR5ZJoL7VYfskenaNHpm/wCxmWNJ2OXKoFydpCZ9CMUh3PTPNimjSQS/I67kZWUh17EUVkeC7e+t/CmkwTR/ZbiO2jDxrCRjjj5T93jnHbNFAz6B5pvzbuadupGoMg+vSmtt7UrtxUBY8460E3Fm6VVlmwQDVhWO05qs67mJoEIxDcioqN204qPd+8agB/8AEKN2WqPOGpGaggc1CyY4poajrQBHKOc0elSsmcU3bu/CgCNWzkHgHg9+O9VNc8N6f4ot4rfUYmdYZ1uYJYHZZbeVfuyRuvKnj6HoeCauiNlYHtUjHFAGZo/hey0Oa5uIBNNe3QVZ7u6laeaRVzsUyHnYuTtXpya11+RjnpTUHen0ADp5mMdKI/l4py9KTzl3Y70ASrL2pfeq4kweOlTJIGGD0oGO/iGa5j4oeCf+FjeAdY8PrcfYri6jVoLoqWEcsbrJGSB/DvRc+2a6hVOcjpTuaB2OV0++8Ta1DFa6zoEOmO6lL+db2OeGRWUhhAIzuJb1cKF3d+h5XSvAXifQvhm/gC3NhLYrby6baa79oxts5CwDPAAW8xEcqFztJwcjpXqrU3bQSeYr8N5fAuvW+s+Fo7aSE6RbaPd6deTND5iwcQzCRVbDD5gRjBGcYIzW/wCB/Cc2galres3txHNr2tTJNePbZEUSxoI4oUz8xVVzljjLE11jIrtnGSKVkVcHac9ODigB4unjkVmdjg5zuzXn/wACt0nwq8PzsCv2wT3oz382eWT/ANnrrNb8SaZocEZ1G7jtBPuhjwrF5Wwc+WigljjPbtVDwGdGsfCelafoF2t9pWnwizhk372Hl/LtfgbX6/KRQB0Y354p0lvHeQyQTxLPbSqUlicZV0IwwP4ZpY/m+apkXowOD2OcYPagDz/4Y3E3hfUNQ8A37SSTaRGJ9Kmc5a5052wg3fxNEw8tvbyz3q/r3xj8IeHdWutO1HWRDfwMFmgjtJ5WDEbh9xD2PrXN+PI7zx18QtG07wrdppWseGy82oa6IhMlrHLGyC08snDs/wArlf4AqN/FWuvgfxrIzNJ8TLlFz0t9EtVwPbcT/KgC74d+LHh3xLrUGnWE99Ncyk7WbTLmJOFLffdAoOBxk8nAqh43/wCK68Z6b4PTdNpVgItX13y/41U5tbf/ALaOCx/2YhTo/h/4llDCT4o+IZPUR2dmi/iPKPH41veE/B1r4PgvhHe3mq319cG6vdQ1JgbieQgKu7AAACKFCgdFoA6XBZy5IY9AV6HuSPbp+dOpkcmFxTwobk9KAANzT9xK8Ugx93v2pduORQAg3U4MM89aZExYnNK3NADmV2U46UwMy9aM9qROtAEnG4E0/cGYgVAZCDgDNORvVcGgCXbUu3pVbzhvINSx3CspycUAP24amSdRTnmUD5nqGadVaNcZB70AKrZpXyVNRmSMqcHb709WVRgnOe9ACq21cUu3dzUatGzYDZqVSqsV9KAHBcUp4xSu21d3aoHYyRvnrjipsMlkeq7KqNuWo41KeWDuYEdfSnyv5cbNjIApDsCyDvUqsO3WqkbEuARjK7hUkcw27wNwzgiquMmkXdyeRSKp7LgUkkyhsYxmmyXJhZQP46YE2wEc9aFj4NRJMWLE0ec+DjpU3Al2HNKrMpwaqtOyuF3cntTvNPmc0XAuI2QRTTJtNMST5aZArNISxw2etOxVhy3Suzov8PWpA3lDNee63Pc2/wAavDEKSutvLpd6xgVvlLK0I3EfjXdSyExkFeeP50xlrfyPepFaqOWaQL3bgL9a4jWfjB4N0HUrvT7/AMU6ZZ3tvIEkt2uCWU474BIoA9FZ8LQsm7ivL5P2gPAKRuo8W2BbGMp5jf8AstMt/j54BjlwfFELIF4Plvj68rinYD1Fu9QSfIQPWqWn6pFqFjBdWjpdwTr5iTRn5WU9GB71LPM/AAwx7UWAZNMofGNx9KZ97tj2prQlZA350twCseR+lIBsjcg4ziqzncfu4pJPvMVz05qMMxjGTjigoSToeM1VaXczJjG2ldvKXrnLU1Y98j47CgCNu/GaglbtjFPupHjUAVSldm+tADs9aryMd3FRlnYnBwRVZriXDYGcd6AJ5CApz1qEruOaikmdlwetRea33aAHzKecHH0qpIHXkMSaf5zcikwTyRmgZW2lsmiq80z+YcLxRQO57TuO72pGYNwahaUR9OtMeZmXJ6UGLZZUkDHaoD1NJ521WNVZrgqpcJnaM5oETu2ajqvJfHMewYLjNMa6k3FVQHHcUAOmyW4oVQF560xmZ+hwfSoPtEjNs+X8KAJ5M4PYVWaZd2N3NSXUwCEA4Peq80G2FT6EfN+NArFlRlc7qVZVZsK2fWmNMqttwScYzt/rVTzZI/I2HAdyp/AZoJNNKRqphpFaTa3U80qs0ilQxyeuDg0AWt1OaPODXI+C9avdek8UC7n81dO1y40+32rtAhjCbc+rfMfmrr/MPlhSGI9aABT2pW6VWeLbLE+8hmPIqebPG1uN3NK4A0hGAKRcKcHqaiUrl9zfxUXBVgwQ5bHFMB4YtnOOOmKmhxxlv+A1ThUCab+9lf5VNu2sx9qBlyOX5tnakaRVbGcVXyWVcBidtOj6DcuKB3LJmUDrmoZpjHGMHAqoJCvl8Mx3nI/CppIGlVSFbZu5WgkfE7eYuWzmp5246E+w6/hUYj8u4BUEDHIqZlLMCFOfbH50AeYrNJD+0c324skMnhbGlejTC5Bulj/2toiz/s4rO0HVV0n4nfFDXES7uPDqR6ervYQPP5t2kOJiiL8zFVKeZivUNY8PWPiKD7PqdjbajaKcolzEsgDdyB/DU9nptvplvbwWVvDZ20IwkUKKkY+i5GKAMrwx4y0Txlp63Ohanb6nCjhHWEgPGSM7HQ/MhH91qzfHXjS+0+az8P8Ah8JL4s1RS0JkXdHZQA/vbuYdlXoo/ibaO9YHxw8A6XJ4M8ReKYLU2HibTLCe9tdZ092trpHSNmXcyY3qCOj5B6VX+Dul3Gj+NfGlrd30us30lrpd5Jql2B9ok82KUiM7flEahPlGByWoFc9A8F+FbDwfocWk2KySJEWae5nbfNdTsdzyyN3Zj39MDtW3523I2nA9KdawmHexbdu/SlkRpD1wKBlZWKvKUIb1z1FTb/m3ryStEdrhmO771WFg+XGc0AQRSDdtIwTT3km3AKvHrSi38uQuzbi3T2qURbxQAxZNrIW6/wD1qkWUs4T+IdaT7LuYN6UohMbMw/ioATzGPmFn3EHj2pE3Oo+bvTljDM3p3py26qpHXNAEDSEFVLcFsUk0ZKvluVOBVgxq2Pl6U7au3BWgCBVIyCM/J1pBEn2fIO33NW9sfGBikRVzQBAq4k+Yqfl4NMjBMeAdvPUVd2heRS+XvFAFVVHljJZjSLbsrJluF/hq92HtSOcEUAU3jLbwOTT40bgleQtTjrmnb+1TcCosbbVXb0NTjcrfdxUq9aa30zTuA6Rd0ROMmqrRP5hI/u/dNWd/ykbcVH/F1xQMb5LsqkgCnNEcYPSlkfy13FsgU8SLIAakdyFoSrAjp0qJbdoVwoyN2TV1sHgUoXAzQMpyQll3Hoe1BQMq4X5kqzJGzc9qjHy07iuQR2xBJL4B7UXEJjQgNzUzNUqfdpDKcVsWZWLMflqSW3T/AGs1YVqT7xIPSgBscaqnFPaFGxnrRtXpQzbSMc9qsDgfEkIj+M3guRerabqK/k0Nd80YuBt/A1wHiyXy/jJ4G4wXsdRX/wBFGu/DBXAGcHGcHH69qCrnK/EbxRL4T8Oh7GIT69qE40/TLYdXuZOA59kXLn2Q1i/C2y0nTrXUfCtlatenR2RdR1hlUpd3smXkCt1JG4E+mQvauP17xpNrWrX3jG2jjvJIZj4e8IW0hylxcuds157gkcN/ciNeqeA/CVt4I8M2ek28jTtHl7m5f71xcMd0kh/2idx+mKBm1Hp8MC7FiUKOMBcGsnxhqyeGfDOoaq2nyarb2se6a2iwSYiQJDz1AUsx9ga6BmRVyaaux1YModGBVlbpgjBz7U7geQ/CzVLbwjr03hCObztFvI21Tw/clj89s2C8WBxmNjgL2UivWGwvIGfevn7XfC914d1afwhYMEvLB213wldS+gOJbN/9jJZD7FK9h8B+MLXx94Xs9YtGYCZSJYZPvxSKdrq/uGyPpimBubVZs/xVFPHuGKkkYJHk9Byfp3rk/F3j620DUbDR4LeXVtcvg7W9hA6o21PvSyM3CIDgc9enepA3WjReO9ROo5x1rgvFHxYvPDOm63c3/hm5ik0izW9kCXcTpLGXIJRhwRlfQUzXviVc6HZ+F5JNHmuG1yVbSKNLuJPLkZNwEhPQBQT+Hegdzt5IxnkZFRNGqsSFwK5eb4gfaNevtH0bSJdaubAf6bPHPHBBbbhlIyzfefaN2wdAT0zis+T4s2klvp8CaZfJreoXE1vb6NMEWdWiYrI0jsdqqMck+q96AudlMqupFV2t0A5rl9P+Imn3GpX+m6pG2g6jZW4ubi3uZFdVtyCRKrKSrDAbnHPSqMPxS+3abDq1v4c1WXRLqZIo71WjO8SOEVvK3hlRs5yRQUdfJaRnkc1UmhUZG3FZvhnxpD4qXURHbTWUtheSWUsMzKWLJgFvvHA5FalwxUZFAik0I28VXeLmr24dTUMyhlJHWgCr5VQyKegOKmlbbwtQTMSRmgChJCzMfmoqdvvGigD1yS3J5HFJ9nO3k5qUtzSsd3FOxkZ03MhT14qNrc/PubAxt2elXmXDU1o93NIDOW1wAGOMDilkUKvDZNXGjxyaZ5K7sigCnDHk5zg0x7MM24tkDmrbp81JJ93FAELbGOX6EYqH7OGAQtwO1T+S2c/w0oj5oAj2jG0dKjMMS4GMhelWGbatRAc5oFYGjDLjbwakjhVI1UDBBpFOBmpwu7FBJwvwxX/SPHWen/CVXn/oEVdwdu3pn2FcP8NV23XjxfTxVef+gRV25JXBHUcj/PpQASW7quShHodtRBgeCcH6189avoOq6x40+I1l4Zt9Qh1631qwNhqkN00VvYo0MMkocNJ9xsyHywp3bvxrsvAy23j7xR47vfEVnDq0+n60+k2NrcJujtoIooyvlp/Czs7MW6tx6UrAeqyIq43BVJ6c5JqCaSK3Vp55UhhXALyOEXk4GSenJA/GvJY7bRvhn8RtHm83bYWXhPUTLcTMN/lxXcJVS544yQM+1dXBrifEZPDdstg8FlfTnUZ4blop91vbjKEmMurB5Xi4DEnZjHamK51Vxq+nwwLK2oWcUJbyxL9oXZu/ug1at9Qtbi8ktEniN0kSzNbo6syxszBGI7LlWH4V8v8AwD1a2ki8M6N4msFt7aMzSeGd0cbWl9N50oldzzm4XO1UbovIySMd/wDETx94m8L614ot9NuLCN7ax0m6gaaz8xts901vIrsHBboTkjjOBzigLntb7VOc4xWdda9YWN9p9jc3cMN5qTtFaW7kl5mClmxj0UE/hXli/EPX4fEknhXUNRSWeTxPHo6axBapEywvafaMBPmTzNwCKzKR83IJqlH4i1LWPFXhex1SZZ5dH8aXmlx6isaxm4jFjOQ7Io2K3z7SAMEpnC0hnsOk6ja61YwX9lMLm1mB2TYb5gCV/QgitdV3KBXzTpPjPxbr1npQl8Y3tq8mgaxeStbRQIZJra6CRHPlkqGXrxyARxnNe6eBden8ReB/D2sXLK9xe6fb3Ezoo+aRo13HA4AyT6UwOmUbeDTWkXoOtQea7Zx97tTw7M0gfGVFAD/MK8ipI3STgdVqFGPl8nHpTI5lZZduU+nWgDA+K1pcal8MfGNnawtcXc+kXccMMKku7mFgqqB1JOAKyfA+m3ln8QvEt5PaywWlxpGjxxSSRsqM6Rzb1U9iuQCvrV74ieLbjwza6TbWKxvrOt6jFpVkJs7Y3dS7SyAEEhVVmxkZ2471jSeKNW8M+OtE0LV72PVdP10XEdrerbi3kguYk80xsqnayNHuYHG4NkHPWgk9PjVWwabcZjXd2FRQq8duG/ixj60q5kTn+7QUPhHmKp/4FT/N2ttpu3ywig4UrzUG1fMjfJOc/wAqALkmEjVjzTVm/jIwp4qv1i+Y4+Y4pEXzY2XdlaALYmUybewWn7x64FVfJVZl9gFo2iTeg67gemehoAtrt67qVWB4ByaiUswLc8H0qW3i2qW7tzQAxmEUhz0pVmWRQRzinvD8zH2qDyHjXCc4XmgBftG/IxiiObDYp6o21Ny4+Wk+zs21OwNACySBkIBwfapfPChQQSfWmrEVUqOPmpsiyMy/NkUASRzBmIHWoZGMjIAM81LHA3WneQwYNQAKQuRjBzSLC7XAbjG2pWTr2NEatkbmz6VNgGzt5eB3fiofMkZmHylV4qaSPzHU5xg5poh2lznO45p2Aa7MSflA4qv+8dd7HFWZYhv3mQrlduKcsamER/exTAojP8bcUrSsr9c+lWljVlAYYIPFAtVVmb+JutTYZDlwylm3Hv7U9XbcPSphaqBuoVFU5FIojfdnO/A9KbI3CDdUzR7utL5C7eKBWKvl+WxYnNSZ8tMt+FTbe1OMO7AIyKBkCkMxIp0ed3FWAqqPu0xVCNxQBHJGAdx60nTZU/3+CKDGrOvy4xVgec+K/n+MfgEf9Oupf+i4a7LVtNXVbC+sHnktUureSAzxEh49yFdykdxnI+lct4yTb8WPhyV6+Tqf/ouGu+yGYj5evfpQB5f8IpI5PDcfhq/tILXWfDMhs5IFQfKoUbJkB5AkU7t3fcR3r0VRhQR0riviZYTeFdQsfH1hCzmxTyNZhXrPY5yZD/tRthv90mu3h1K1ksY737RF9laNZfNZgqEEZDZJA6ECgsN29jU0K/u+f5VlHxl4c769pIGc5+3RD88tVqx1zTNXMq6fqdlfiMfP9muFmCZ91binYDM8Wa1YeF9A1DWtSAW1sYzMxYYY46BT6k4A+teVeCvgXp2tafJrviiPUIda1mV9QubWx1Ce0itmlIZIhHE4BIQAFiOtdN4mQ/ET4kWnhsHfoPhx11HVW/563mP9Ht/+AD943+1tr0nG75iVJYk/nTA8x/4UN4Rt2jZLfVnZWDEPrd4QcHIB/e98YrnviBp0/hL4uaV4tmt7mfw7LpbaTPNbo8xtn83eC4G4hWyBuPXvXtbrisjxN/aX/CO6v/YzMurfZJfshUjPm7Ds68dcdakDyn4qeI7LxF8KfGcOnx3F3DNYNBHcLA6rLKSMJGCuWbHpwOtch4qsbaxtvhhqEWp61emPUIp5EuZJJRAghZWYpt+UhuK+gNCmv4dJsjqEj/2kII1nYsM79oz098+3pV1pjHyHdS3X5utAHhPhe+tvhl4y8ZWGvs1naaxqZ1TTdQaJninjkRV8veqj5lK/dPrTPFSyp8SPDXjhrW5i8O/ZJ9MkuGjYNCXkVkuGU8qjYIyf+Bdq9yLOmSrMn071X3sjEhmz/e70AfO/xA8L3Pxg8Ua1eeH5HNhD4bm06O+VWSOe5eUuEQn7wA4z93mus8A/EDSJPDOlaVIJYtbijis5dD8v/SVkACsDH3QY+90wDXqU25mzksf1qNmZiPnZscfSgaZ5X8MriC41Tx1sZW3eIJ3G0dAeB9AcH8q7d8tI/oBWvIxkPzkmq7quaBmcy4UYqsc7WzWqyrzgZqqyIc5GKAMySMMQT0qpMp3AL0rUmiGTiqzRgZyM0AZbsFbmirTWq7j8tFAHrMi/NzSNIVxnr2qSRdx+lR+XluadzOw1WY5Jp2716U1VLNxUnlgDJpCIZGXtTWk8zFOdVzxUTLt5oAG71COtSO3FM34oAcy4qD1qX7xqORtrUANFPRetNB3HFSK23igCPb1qVFGPm69qNu6lkXAxQQcN8NwU1Dx/j+HxVdf+iYa7cSdPl3HI+Xjnn3riPhqPM1b4ir/d8VXH/pPb12irtPTPt/np9e1AGDpXguy0HXdb1e3nuprnWpFlu0mkDRllQIu1QqlcKAueelUbz4e6fceIptbgn1DSb65C/a59LuvK+17RhfNUcFwOAwAbFVtN8Uav421nxHBpF7a6TpejXp0r7RPam4a6uUXM3AceXEpZQONx2k1jHx5ruhfEDw3pHiXVNL02zvNIuL67yiRhriGWNAsbs3QiQNg/NxiiwHRXHgO3s7m01XR4Yo9X0+zezs47qZza+Uzb2R1HUMeS3XdjORUvhPwHa+Fre7aHbHe3rymSS1Zo4og8rSMsSscqgZwevOM8dKxfhz47k1bT/FV/rGv2Nzpuna5NplrdMqQweTGIyjbuhLeYR74q0fEV74o+I2reGbO/n0nT9Es7e5vbqzCG4uJ5yzJHGXRwqKqZJ2n5mWgViwPhF4Um8N22gS6HDJottci6trGaeZ1hlGTkEuGBySfxqzqXwx8L6rM732kpeyPBDbSPcTzM0kUbBo1c7zuAYFunUmvN/GHxH17TfBHjqD+03tdb8JazZWL6jZwIv2y2uGiKOyFCobypCvyjlkB46V03/CVnVvjL4a0jTdcvm0ybS724u7b7OYkkkhdFRvniUkYlOdp64oEdf/wgvh+ZdREuj2bjUJY5rppotxlkjA8t3zzuUAYPUAVD/wAIPo8cdlbnTbM21k7SW0T26MsDN1KkjAJ6ljzjNdOrDbkcbucD+tIzetTuUYtn4H0C3/1egaXDjcFCWEYwrfeUnbwG5yO45rXtdNt7O3jtraCK1tU4SG3QJGo9Ao4Aqwu3jHWpOSOKoBfL2tlewpu0chu9OGehpdm7igBjW6yLj+Gmi3G/gZzxipQvY04KAeKm4HIfETwLJ4usdJubG4htNZ0XUI9TspLrPlO8YKtHKRyFKswyMkZyAcYquvg288SeLtE1rXbODTYNEWd7SxguDcSPPKgjd3baFVVQfKBkkuSxB4ruetHl5p3FYFTyhtPPfHpUvlq2DjFRqu04qZfu80xjvKX5u9MWNVKrt6VIzLxSRqobHrQAy4gEmBjDL0pYYSq/N17VY2kMfSmt3oAYvOVoX5ac3bbSDHegBN2WqU/dFQmMk5FSqwUj1oAevekLDPPSkb1py0AM5U+xo3U9vumjsaAA9qXbu4qPvUqt8tADlG3ikXmjdQCBQAjriiM4zT9xPTpSUACruNDJmlXrSF+cUAIy7vwpu2pP4aSgBqrg04ZpNtLgnipuMftAXmoPLJbI6VMpYcGnNSHcj28c09VHakk6CmCTb1oC49lx2zSfjj2phYKeKa7UBcl60bM8VHE1Tfw5oGN5XoNx9KcWJQgjB9KVetKfun6Gq2A8+8bL/wAXW+HUjdcamo/79R136jJJ964Hx6wX4lfDhm6F9R/9J1rvImDc/lQAtwI5oZIZkWSGVTHIjnCsrDDAn0IJryWz8E+M/DGm3Hh7S7Xwxr/hbe32WPXpbgTJAx3LE6CNlYIchW9DXrpTPJ6UxlAHHWmWeK/8Kv15Qqx+APhTDgdDbzNx6n9zWpo/hnx74eST+yNE+HWj+aPmazhuowfQ4VBn869U5pf4adwOX8A+CV8E+H1sZLn7dqM0rXWoXzA7rq5c5dznnrkDPYV0LfLUjZ7VE+7vRcBG+6WPbnpn9K8j+KnizxH8PfGGmanYPdat4dFq02qaSFjLQRK6qZoSqBzjdkhs4AJ7V6y3IxnHv6Vzuo6Jql140sdTjWz/ALOhs5LWRZpG84l2DbsbcHp60gOI/wCEmn16+8SXmkeILqbS/wCxI9QsFgMOyNykpZuEO4ZQAA9t1efXnxduX+DPh29tPGcp8UT3NpFdsqwebiWULIpXy8ADg5HpXo+g/BpfBeoeMJdCnjj0/W7cJBp1wxVLNyJN4UgH92PMJC47msa++E/iWb4NaT4KN5pf2uwltSZ2nl8grAysCP3e4Z24IPTNAHokWqWsE1tp8l9G9+8QdYpJlE0nGPMKEgkH1Arz34meKrrwv8QvBUUmvyaToWoC6F1E3krFI0YRkXcUJGdxHXvTfEk2j3XjfRtNmsUg1q2uEupbtLGRy85jMaxCVY/uDdvbP8IWreqeD/FGueI/But3UukxyaP5zXXkzTASNKiqxj+TjAUH8KB2OMX4uSaZqnxO1ldZbXdC0K1t5LK2hWMxF5I87dyoGbDsRyRXXadpfi680fSdRPiaR7+ZoZrm0+zW62uxm+dI/kLjavQsxzhh3qnqHwpvdc8QePH1g2g0bxNbxW+bed2uIDHGFBIKDPTcBkdK0vD2neMdLtNP0y+fSTb2uwHVLeV2eaNMcLCV2qSFAYlzgnPWgRD8M9Y1HVrHWV1W8a9urPVru08xoxHhFkwihQuOgrr5FUVzPgPw3qHhr+3/ALetuv27VLi+iMEpk+WR9wDEqvzYPQZrpJzuUCgogkzk4qq+4tzVrbiq7d6AImWq8x+UirUlU5OWxQBUoqWROaKdgPV91RN97mpGG7imyRfLSIBcL0701uaYrZyNv40xt4b2oJHMlRscKRQzNimDv60ARyZxxTFjG0k0+b7oqHnt1oAdtOeOlI2NvPWkVvlIPWkb7poAF+8Kk5pi57U7jv1pAO3fLTGbCknpT0jJ5HWmsowfm2g8E5pXIOL+G7L/AG18RV9PE0jf+SltXcNyjBeGxx/9f2/X0rgvhupj8SfEpThQPEmAob/pzt67xcnpVAef6X4V17wX4j8QyaJHp+paPrV+2qCK6u5LWWyuHAEhysb74yQG7N81Pj8HaxcfErQfEM8mm3NnY6XPp1wGZo5HaaRHyibCAqeXj5m3NnPy9K74xg8HrTQNpxTuB5bJ4MudD8NeNbXVpLcjxDqtzfWTafYS30lq00WzayGLHCxkbxjG7Hy99DQfAWq6Tdaf4jsGs9O1u60e007V9LufMa2doU/dssinKSJuKnrkEdMZHooznipFj3d8GkB5fr/wfn1jwX4gsE1e3h1nxBfwanqWotaMVVojG0ccKbhhUWJVXLHPJrotU8H3+pfEHQ/FEmoWyHTbK4tDZLbMVkMxRpGEm75QNgwuD1P1rr1jK5BbIpgUhvakKw1YyoyOnv6e1Oj756VMe1JUjFG3FLzjjpSrHupfumrFcRZvmxS7uahP3iwqRBznvQMmRs0+m+lJ5nzYqbAObpSjJ6U4txzSblpAN8tpGyTjFO+6OuafuUr1xUbOrfx4xVgLuqSPrVfcJOVOQOpqeOgCbmkb7pxTW6Uo5xmlcBq5zzTutG0DpTo6YDtuMUtI3SndjQAR0/bTIql3UrgRMvIpM44p0n3g1Ko3c0wGU7qKdt9aRME8UAJtxTv4aPL2NT+q80ANXmpE+bPtQqgdKbnGSaAHt05pjZI9qftVlONtJsoAizwRQ2e1PZaZtqbgN+bvT17UtDIcjHWkMesfOaay4alRgvXrUzruWgdiHOKjbuaey44qRV+WgLFFl+bNLViSHcc1H5e1sUBYRVPapF3YwaTIxg0q5LcdKBjlqaFcSIxOACCTjOPeoM7WxTtw25bp3p3A+Evi98fPH/gP4mXGmX0tneXPhy6u/sF1PEQ3lToApKpw2FAYA9yK+v8A4STa1cfDnw7ceIbprzWbm0S4upWVEO98vjavCgBgMf7NeBftOfCE+Lvjn4Fu47bzLbWmS3vtnTELb5GP/bNRX1RGoVV2jAUBcegA4q3sgJs4prfdzUZfnFSZwCaRZHRnFSBd3NLtxQBGOuajkqXuKifk0AQGk3Uu3DGkbpQAxqimjDdelTMcYqGRtykUAQzE+WV3HHpVJj82KnZeuaiZR2oKIHOFBNQThSuasuvr0qpMuD7UCsV2z+FQzcirfy7ahkwTgUDKTLiomqzIe1Vn6U7AQyLhTVWTvVqTlaqzL60WApyN81FEiruopgetjOaJKfTZeVqSSFe9NPQ1Kq45qJupzQTYiaMNyelRyYX6Ul5Iy7StVjIZLjGSF28UCJ22kg1FJncPSmSJ5QznNOU7gDQBE33qXdlaH6mo1+9wM0CuTq23BoJ3c1B5ytLhTub+VShuPl/GkxkqLuwK5n4keFX8c/D/AMS+HkkaKTULGWGGRWKlJQpaNsjnhwp49K6YMOPWovMIlUrkkHIx1pCsfBX7JC698QvjZYz6vqV9fW+jxyaxcRXUzN/pAjS3i3g/xDCgZ5xHX33E5/4CensOcfzNeVfB/wCC6fC/xd8RNWXyWi13UUlsRH1jt8PIV/7+SMPoq16tGjdTV3JHK3Wnou7NRL941YSTAqLgN8s9qHbb9ad5m5sGmyIvUUXAcq7lzTN2CRSxzYO2l27yc9KLgIGp8YPUdaQRAdKejbc5p2AVpAOBTd3r0pzEMwx1pf8Ae4FMVhqgKeOppTmjdH65oUgZxU3GKpxg0u3dITSou6nsCMAUXAGX5aQYkY+nemyyMuBUyKFAU0gIHiOeEyPWm+SzcbAV96uMp49KVVqwM1oxZyK4BEZ+Vh2q3u/i/KpJIg6lT3qKFMZRvvL1pCuTx/NUsa9aZHjGB1qVW28VIxWTimIuDT87mxS+XVgMpWoYbeKctAAtJ/EKVuTTlWlYBGam7tvNSbN3FMK84pgIZCeB1pyK2c9qaEzmpV+VaAF/hpq+/SnZ3cUoXFAEi4K8daYq/NTtu1aRfvUAP28UbT2o3UZIXikBG3Q+tN2fLUiqzZzTwuOakCFTgYprL5nPpUzYPXpTNvzN6UDBI9vNOZtozRsyKMBeDQO4i4ZhnpT+Og6Uxto6Um49jQFxWk28UZ3Lmmldw560gbbQFxW6c9KF2mms1CtkGgLjpFA6daanfvRSLVDFZN23Kq237rdxSBtuaXJFNZqQEitmlqHdmjzCrYHNO5VybpRuzUTOyjcUY0zzM84xTGWG7VC/Wk8/LqtOkbPXpQBC3OaZtI6UrShW461C1z+9KL260AOkx+NQstPeZVUlqj3F1BPTtQOxDIuAaretTS96hHegZFIcZqs27dlvwqdu9Mm6UAVpMbeelVXyTx0qw/3qibtQBWdWxzUG3GatzHdxUDntTuBXbvVKWTdn2qzM23JqpJJmmBWLpk5opHCM2TRQB64vWlbpQ1J5m3ipJENRSLhTUrHdzUfzEHd+FBNynMrSKp9Kj+z/ADEmrsi7eTVeWVc4oEVmXc3TIqKaNhyhx7VJIy7uDg01mZiAOB/eoAqrdHdtZMN/Oka3eZgXbavXFPFuFuFOcjvVvaqjNArEAtwuSo2gjn3p3lpsGTg1R1bxJpWgtANS1Gz01pjiNbm4jiLfQHrVm/1Kz0/Tnvru6htrFF803MkipHt/3unPT3zU3C4kkkkXLjKetOWeORhgE/UVhzfELwvHps903iHS/s0BXzZTcriMt93f3Gc4565q+vizRLW5sLKTVLVL2/i820gMq+ZOmM7kA6rxn8Kdguascy7iM49qk3qPenRylmbIxjg/WmhfMmNBICYDohJpJJGygwQDU7ReXhvSo2Z5JlPYVIFdJN87oTjFSux2rEM4/vVMtu32h5d2NyhdnpilaHMYA/GnYCLlF4GT608yGONSVwanRdoFDQiTIPSkA2TO1WFO8sBcnrR5PyrufAHahlOCCciquBCsjbPlGcdiad5jnbhAB3wakWPy+PWnKhU8d6BXK0bfM+0YqSEA4JqSOEKz46HrStGI4wAMmpC4K5+0EdttOy4zkgelRxxFfmUY3VbVRszjPrQMpSMTJHuGTng1ajbcv0NNmVWjIBIPovWq1tI27du77Wz1oA0k6UjK68jpT1+Xn2pC3PNWBGZRHyevSjbulx/DSSIGO9eo6U6NWUHP3z1qbisOUFcgdKeo3YFC4PA/GnR8cU7BcRvlYU8HcMU3uKkU4xTGM2U9VxzQzUUAO+vSn/LtNRvntSru280CuL8vbrTf4qcGpDyc0DDmnLQtDZI4oARetOpkasG5qVeVNAC7ulFIrFVOKY0bA57GpuA/O7iljbbxSIuMVIYxwW6UXAC1G75abtAOcZ9Kb533cr940gEZs0R+9MmYbRgkfN0FJGnyk4U/71AFiNdud3fpSlSp579KhaUvsAUj+VI8jcCgBZCQTikjXdz3qJpj5qgnAqUcDduyKAH7ttMZgeTyByfTFNafzOD+FJuxz0xzn096APHPH3jLUdB8e+ILBvGf9iWdposWo2kcsFu4edmYGPaV3SKSoGAc+laeg+Pr2a28GPrllq1h4hvtNmun0q1gDQzsFBYPuOd6gAgHkCTFa9t4b1aH4sXfilmsRptxYR6cIvMk+0DY7OJMFCvJIG0njNaGv+Fb3VvGnhjWbaazjtdLFwsqzM29zMqgkfKBkbc/hTGVtL+KGlatpGj6jbW15JbalHLNH8iFoY41y7SKCSAOBx16d6xbz48aHYR6rJdaZq9tJp9imotbeVG8rQO21XIVztwcZU4bkcHodLRPhivh/VvE11Z38lnHqwf7CoBJ00yAmXYAe8h3/QLXnt1+z34iubO5RNa0SGS90j+ybkiyk3S/PuErvuy7tgEsfcVa1Q7nXXfxuiguLy2Twrr5uoLBdUEapDzbEMfNz5mAMLna3zcfdFV7r4+WP2i8j07wzr2rJb2EOpvJarCgS3kUsG+aTkjB+UVbuPhxrV1r1zqr6hpiSTaCdFZPJkIHLHzc7ueWb5a4Pwr4T1vQ/iFqfhuz1awAXw1aadLeT20hPy+YpK/P99EbcRk43A0hnot94/0i4uvBd6ialNZ6r509pcW8nlQACAyMJELZbC8qp4ySaqWXxVg8SeHdVvodGvZtLj02W686zvYvMcBXDJuB/dTKAc56ErVi/wDhW62fg2z0jUl0yDw3u8gTWzTPKTEYhkqRtxuYjOeoqnpfwdktL/VtSOo2MGo6npjafO+n2LRRzb85nkj34eQAkZFKwHNTeKIYfFVpf2w1SXSLjwQ92dPF64cLvGcFmwH24yw5J5HOKfbfGyfTdMtrPTfCWo3qwaHFrPmTX0WEt9rEgsW3M4Ck5bk4xW5a/Bm+gewYeIbffa6E+ggHT2+ZGP8ArP8AW/e5+7TdI+CN1pcm7/hIoZVOhf2DxYMAIRkCT/XfewzUyrndaLrEXiDS7DVLYOsN3Cs6JJjcoYA4IHFackhfHOB3rM8HeG5PCnhnTdIlu1vWsYFt1uFi2CRVCgHbk4OF9a1ZkzQMgk+8v/oVRxx7ZnfdndVhV20poApPCxYs34U5JMjAqeRtsir60j57UFFOaNjzUew96scbj61G1ArlORcNmoW6Grr85qpKnNAynJUbjaM1PIe1QN96gCCTkg1DJ0qy3eqbt8xoArzLuBFUm+XOOtXGfrVR13ZNO4FSRhu5ooaHcxoouB7FTGQkgDkscAYznPGKasgDAHGScc1zHxC8WXPhfw2r6ciza9qUyafpMD/8tLuTIUn/AGUGXJ9ENIzuLq3xM8GaDfS2Wo+LdEsruE7JLea/iEkTejAkEVlXPxu+HsKbv+E40DA/6f4z/wCzGpIfhx/YHg200bQLjTLbUYQpm1bUtMS8a5kb55pGG5SWdyWzntWU/wAPfGqxtnxpoI4ziHwnCfw5m6UCNfQ/ij4S8V3aWej+JtL1O/Ybhb2tyruVAzwB14BP4V0TLukyPxrkPGngm91DwnaSadJBP4s0WSO/0+8htlgFxcRg5TapOElUtHtz/FXReFfE1n4y8N6drVicW93EGEf8UTDIeJvdH3KfcUAT3CHYMdaesXyjdxUk2d3AzUQmYZAWgCGZCs0ZDZH/ANapd27jOAeCfQVUunkEkbbN2O2cULNPM2AgBJCjLDHPFAHA/DXdqvxC+JZ1JUnv4tVhtkhnAJWwMCNFGuePLYlyc/xZry3wXNdR6p8NoL+Zn8Fr4m1pNMeYgRyKgb7DkHjaGMvl9srxzivX/H1jZv8A2ZeXfh231S7uL6203zAzqywSuAxYx8sg67X4454rpLrw/Z6ppK6VdadZ3OllFjNnJAPJVVA2hE6fLtGCOMkY5oIOD/aIs9LX4Y+O7kmFNZ/sURSAdTCsy+Xux/DuL4/Gl1hdWi+MHw1Opz2M2+01TH2OORSP9Gj3Z3s2eMegrs5PBmgQ6bLpZ0PT206VgzWrW6GJ3AwC27lj/vdO1WYfC+jLNZ3LaVZG4sgq280lsjPCAcgIT0X6UAU/CPii61rWvEWnXkNhFcaTPDG32C6afBkQttfcq4YADplTn2rq4G/eE1z2i+F5dNvr3Ubm/bVNUuo4bea6khSL5IjIY0CJxx5jHceua3I1eNiWxmpuBaZd1Ii9RSJMJOB+NPp2AcVxigZJAA3EnAA7/nSFsAk4A9TVW+mh+zXMElytufIcuwk2yRoVIMh+maYCw6naXFxLBDd280sTbXjSYOyN/dwKsld2K8D8FXkPwx1vw5pPjTSLG0ks7O5XSPGGlIot9RgWPfILn+JJfLUOc9SCa9y029tdW0+C+srmG+s51EkVzbyeYjqeQQ30qbAXVWl2EsAOp47c+wz3o4xz0xWb4gmvYdB1g6ZtfV47CeS0izz5gjby2/76xSAjuvGnhuxvnsrjX9NgvouGgluljcHsrf7Wei+uKYnjLQJJdTji1qwl/svJvSk6k24BC/vAOn1ri/hZZ6HqX7P/AIfiuhFcaTcaYs2oNcHGbnJ895P+mhkyTjnK1k+H28Qt49+My6XLpiQm+tzL9sWVpMnTo8MMcdBxnmrJPWNF1uw16xh1DS7uDUNPmyYrm3fcj+4buKuyN8rHGeK8Y8A+Nrnwp8Dvhpdw2djPbS2GnWTi6u/Ic79iBYl24LfMWOW6A17FuLTMgz8pbO7bkYPQipsBLG2UXJwMdKsLt28VWWUbumQOtDTbecbR60WKHtHtyDzmq1x+7kEqISPuuAM1K10fTI9aInVj8tICRLjEaDy3bPtjFO8wNzhgO4p6/d5pWkXgYzViuR27NJIxMbIBVhW2gmmKx7DApTnvSsMX7wOOD2J6D3rkvHXifUtPvtG8P+H2tU8Q6vK5SS6j8yO0t4/mluHXI3AAqijP3nWuomuILOGS4upFhtoVMksjHAVAMkn6AGvBZLu/8cXklzE81lq3jrMVvIuVl07w/BtJlA/heb5iP9qZB2pknoy+EfiCzEP8RbVduQQvhyMEc8dZMgEc4p6eDfGz/K/xMlXP/PHw/a5/DLGu1t7dbeCOGNQIo1WJVyxwFUAc+wAH1zUjAqwZTtYchu49/wAKCjhPD2sa34W8bL4X8TaouuQalbm40nVhapbM8kf+ut3VPlLAZkXH8O6u/UCTIFeG+LPCMml+JLzw3bXH2G21u4fW/C1878WGsRfPJbluySffI7hpB3r034f+ME8beGbTVPIazvAzW97ZSDD2t0nE0RHs3f0IP8VArnUBt3FNEmMiopJuOuKhmuFh3szKkUalnkdtqgAcknNAi2g5zT6xbXxboNxavcQ67pcsMYzJKl9EQg/2iG459akbxZocVnb3c2t6ZDa3B2wTSXkapMfRW3fMaB3NY0itzWXq3inSNBW3OpanaWCXH+p86UfvP93PUe47UyPxdo82jy6qNXsW0uJ9jXizq8Wem3d6+g9cUrhc2l+6aP4qytJ8SaZrjTf2bqMF80LLHKiNl0Lfd3KeR7ZrP1D4keG9Knu0vNZhi+ycXEiq7xwY7NIqFUb/AGWPtQFzpqKyNO8T6XrWrahp1ndrcXtiscl1CEZfLDk7CCy4O7BPy1oTTNGuVTNSMsHBpyfMee1Y73zs+B8o71cjkZQpVWagC08hBwOlRNu2hjTZZGbBWMinYkK520AJHFuYHp3qSO1RVb5uS26hJJE/hz+NI0kjc+X/AOPUAL5XlsGLZ9KQruNOWRpOq1AfN3crgdqAFa12tmnBeMGpUdwpL81C2WzgYNACSRq/y9NtM8s9M5FCxuWwRkUrLKOAuBQMTb+7C06Fe1DK4XnbTJN2RggVQ7EzLhaY33TnpSHzMdc0wb93zYxUhYNxbjt7Use7YF3HA/hNNPapKsY1lpPvfhTm6U2gAXvSM1LTJOoqbgDt0qNmzSPTfr0p3LFWmmhyqkGo2m8ziMbf9qmBHLJiZamZsqDUS2+3ljk+tIxkj5VsrQO4xo9ufemqflIqUMJBVSeTyGw34UCBmK5I4qpJIrAgHJqaT98vXAqjLbjPHX+9QO4khxULrupCzqwVx+NBc44oGQSNtyM4qjNJtyd1WriU7vk61SnjYqzEZNAFWSbcoFQ+ZtUnrTguFU5wfSopAW4PSgBqvvXdt60VFuK5x0ooA9e8oyN8vXPfp9T7V574Vx468fXvihn83RNEEmk6Lj7ks2cXd19SQIl9kc/xV6PnDAYz6j19q8Nh1nWvhjp994XsGa4PhqZdVtrdY1Mmp6K7Eyxq3XzISzDd32x/3qDOx7aPmOPSklXAqLT9QtdW0+21CylWezuolnhmT7ro4ypH/AcVNI4AJblcZP0oEQc7uG2nPX0rzYahD8MviLc213NFY+GPFbyXcEs0ixx2upIv75dzHAWZAXX3Rq6nx54wi8D+GLzUxELy9Urb2VmrfNd3TkLDCo92Zc+2a860nw/J8QfEWmaT4mki8T6b4NixfzXUKvFqGryx/NhSMYhRzj/rov8AdoA9Jg8VaNeXkUFtrOm3Nw7bY4YLyJ3c9QFUMST9Afxrn7bxbqXiDX9csPD8WnJa6JMtndX2oeYyzXOwO0KKhBAQMoLseCcba3dP8E+GNLuYrzTvDek2V3GxZLi1sYo5VYgg7WC5BwTXI6FoOs+A/E3icWOljX9G17UG1dJYrqOGa0ndEEsbq/BTgFWUseDxQBVj8deIf+E48NaFrGnabpv9o6dd3t5ueRnjeGUR7UbdgqdwOSB+davw58Vah4uuvFSXsNki6TrMumRfY1dhKFRGMj7m6NvGcelY+ueC7/xF8SvDGravoun6npthpd3a3JkeN0jnlkjZNkb8nYI8Fjxk/dHWsJfDmnfD/wAJ+NH8W6RZ2vh+/wBde90/Tbe8CxS74ljjgcREBVBj3EE4A5OcYoFc7STxdqGveM9T0DQprS1/saGCbU9QvImuB5kwLRQrGrKPuqXZiehA5zilfxJ4p0PT4RdeELvXr1rqeI/2K0Mcawqw8uQiaRcFwSdvOCGrk/A/g/VPB14ut+HbiHxdp2sadaQXvn3BtpJJrdDGlxHI6ncjDgg7fugg4Fdlq3guy8a2lsfFEBmmiZ5FTT724hSMMQCpZWQyHC/ebHsAOCEktrrmua1oOr3M/h688JXsEW62bWDBciUqpP3YpMELjbgt/F36VxHhf4tal4o8BtLIsOg+MrCWxXULGWISI0U8qIs8Sn/lm4k3IcnBXFdto/gXTPB+j6nb+HrApdXkOGW6vpnV3CMq7nkLlR82cj0rnNT+D661pvg25N0mneJNAW0glurd2MV5bxSRM8T8DchMe9Rj5WC+tAHR658XPCXhfVrnTNR1Zoby3YLJGtrcSFSRkAlEIJKsD1rKuP2gvAMEO6XWLhVyAGOlXeMk4AyYj1JA/GvRftEsZby5ZIo+flV2AGDwAD7GuD+NV1LN4Ms90rMf7c0nGW5/4/IagCJfjl4SbDGXWC2MErod6Dn04hwalb46eF9i7YvEDnsU8O3xOfUfujz6cV6FfTz/ADHz2ADdN3uary3EkmwbnYkjq3vTuB5xpvjzXPiYZIfBcLaNo0crwT+I9Xt2UhkIVktrZ/mZwwILyDCkdDjB6rwv8PNI8JW98LeOa/vdQBW91PUJGku7zI53v1C+iqFA9Kx/g7n+w9b/AOxi1fP/AIGSV6F6UXFc5jQfh7oPhu4s7iztpy9lC0Fot3dS3KWsbABliV2YJkAKegwDWLffDGTQ76fV/A2pJ4Y1G4fzLnTni8zTL3/rpACPLJ/vxHPrkZFegyR5XNRe2M07jPFbz44a7q3ir/hBW0+x8F+Il2x3mqatcC4tVZlDKLQAASSOhBCylSAM7TjNemeE/Aen+Dbi5u4Xur/W7wL9s1jUJDJdXO0jAJziNc4wiAAVyml6PZa94++J1hqNjb6jYSyabvtZ1DRMfsa84/rwR1BB5G54P8Mr4FW/Ca9ezeHI4S0On6iBOLFV+ZgsxPmGPAOEYkD+9TFuaMPgTwzZ6o+px6DYxX7y/aGmWNgTL/fKfc3/AO1971qxb+EdCt21Bk0azV9QUrfN5KlroE5PmH+L6Vyem+MvFfjDwivi3RbPS0tbuFrnTtKvEme4mg3HY0kwZQrso3bdrcEDdRo/jrUbrxP8QtMvb3RrJNAeKOyZ4tjStJB54LgzYYL935SDz+FIRrah8PbO80P+w7VoNI8NtlbjSrO1j2SYdWAVjwhOOR9a6wh2kBA5PXH49foeOK5X4U+JtQ8a/Drw94g1RbdbvVbVbt47WJ4403EnaNzMTjOK7TavOFwaAK4zuYGo7mQMnlj7xx/Op2XDU5dncZNK5QzhV55OKisYWMLb+Nz7gnpVpMZ4GKft2U7AEcC9xk1D5LNI21ttSLIC23tSw53vn8KZIkbHcQU2+9Tfw+gHOfT3oY4X5ulV5FZj8shVfago4P40SfbdP8P6DcStaaPrmrRWGqXanBSEoWSHd/B5zhY8+9dJofgm207xNreuzTfab3UlhghTZtSztYlwsEQ/uh9zFvU47VN4i8M2Hizw3qOh6iuLO+hMTuD86Hqrr/tKwDD3UVl/C7xRe6xo11pWskDxPoc32DUh2kOA0c6/7MqYf6sR/DQSdiAVxsOAO1Krryc4HVjnHHelVtxx3qC6B8tmBAx3P1pDuY/jTwrZ+MtJGnXc8llJDcR3dteQECa2mjYFZFJ/I+xNee3U3iKy+MmvW3ga1sbiK5sYLzW7fVZnggiuixSNgyAkSPEoLLjkKrd67rxP4ltPBPh/UNbvwbqK1j3RwD79xISFSJfdnKr+NRfDjwjc+FfDxbU3WbxBqUzahq04Xh7iQBio9kXag9kpoRlST/FFLdlOm+C48EnJv7tsflHmsT4mPc3Xiv4UaTrUUcem6lqcg1OK3Zmt5Zo4DJDB8wGVMmSARyQB3r1xUzx1B4PGeD1NZ/iDw7p3irSJNO1exi1GxZhL5TlgFkUgq6upDK4wDkc8UAc54x8P6RNp+ralNbW0OojRb61j8tVR5YzEWdSP4lVlUj+7mvKL241qT4KfCj7Zp+mw2CanobrLBdytODujVSUaJR39a9P8C6Pofi7wRa6pHbXwg1qx8qQXmozXE6QkkNGJmbIB64XjHXmtmb4b+GbrQtO0SbSy2j6fIstnZm7m2Q7eY9h3cbeSp7E0Acl4FM118cviX9uwdRt2so9OVv8AlnYmEHdH/stJuJ9xVDxVY2WmfF3wHHEkaaFNqWoSXCBh5Q1T7Ovlbwf+WhG5h/tGvQtc8DaD4jurW41DTUlurVDFDdLI8U6Rn/ln5iOHxnkhjyeavTeFdIuNDGjy6ZayaZ1+yyxh03ZyHxy2/ODvzmgDzb4mW+rXPxl8MNoCsdXfQ9TW9ZM5MYANtvxxjzfue9aPwLnsJPgNoCSvG1sthJHqouOv2kki587/AGt+7d+Fd9pOh6Z4f806bYxWkkxUySgu0r7emXb5jg4I5IGKot4I8OXGqPqjaFp8moyOHkuRbLvdx0ZscFv9o/zoA5vwotuvxc8VraZ+yNomkND6bAJwPwx09q9DZcLzVSHR7CHVLjU47G2TUbhQs14sQE0oHQM3Uge9Xd1TYdyHyUkbDcinrEqfIq4AoanL2osMaxwuKfG3rTG5bFIGC8GkBMrLUU2EbjqaTed3tTs+Zz6UAMVmqbcDj1pqr81MPDEUASt056Uz5e3WpF2lfeoyp5x1oGJ/EKex3MRTArChmCjJ60DsPBwpFRNjdz0pFk60jHdxTuMXjtTG704LjmmtSAYab5m3mlZs0wqW4p3AXfuB5xULb/O4bjbUj/KBTGBL5FFwFkbYN27LVDLcMzKKczGTg1HJHjYePxosAzeUcA96e0ZZSwk2mhYfMO453DpjpQ0bt8pOFPWkWNjh8z94xz71NgLgCkjjEShQM7e9OLVVwEqKbrUhY9qibd3pgRYMjcHGKjkjC8lsmn9znpTH29utAEDctUUi4BqdqikOFOaB2Kciop5GSaoXMbeYxU49qvTdcn8KoXDfM1AyPaNvFQuvNPkb5ai3U7AQOvWq0nHFXJOcg1VkIHApAU2j3HNFSS/eop2A9XZCTwcHsfeuF+K2hXX9n2PijSLdrjXvDztdRwKDuu7Vh/pFv/wNPu/7SCu924am5wfx5z0/Hjkeo70jO5wnwn0saV4bnTTbqO+8KXE327QnXcZIraZRIYT6KjswX2OO1dbIrtkBWyRxnP51xcfwW0q2ab7Dr3irRLWaWSb7BpusPBbxszszbEC4UFmY4pD8GdPZvn8U+NHPTP8AwkMoP5hcigRz/wAVIr3SbzTPEP7m5exX7J4d0nazNNq9wdiyyD0RBwey+Ya7DwL4at/BXh2y0dJWungVpJ7yTlrm4kO6aUn+875bHoQP4aqaN8IdD0bV7TVDcaxq97aqwtzrGqzXiQMQVZkVuFYqWBY9QTXWG3G4ZXkdMdBQBBJIN7Y4FO27sHdmpPI4OaZ5KxN9aAEkU7T9KjjkdAMEqcdRT1yW5/CkZcUEETb2JBIOfzo8v5fepckUmNxzU3AZG22n7S3Io206M4OaYD4lbI+tcJ8YyY/BVsxXprelc/8Ab7DXbalqlppem3N9fXcdjYW0bSz3MxwsSAZLE+3tz6c18+/EDU9Z+JUNt5c2oabJqrI3hfw5b7Ulk8uZJDf3oYHbECgIVhgDg/MxpWA+i55DI8mOuf8AGsnxR4s0vwbpbanrF01hYo6q1yYXdI88AyFQQi5IySK5b/hXvikl/O+KOsyM+Q23SrIHOSCTmLOe2ab8QNKOn/CXVbHXNal1/wC0PDHLdagkUZkV7mIGPEYC/dz0FFgOh0+TQvA622nwfaFTWL2e6g8mOS4WWaVmlkIdQQARuYZIwAa6rlW24wQemSR+BPNeJaJpOq/D34leFfBjRS3/AIRN/cXeh6kx3fZIvslzus5D32M+Ub+JS3pXa3fw71O+vZ5/+FheKLOOaRpBbQSWqrFlmO1f3RbaN2OT/DSJO4ZnZTiokyc5GTXE/wDCrrxuG+IvjNv928t1/lDUX/Cp5EYFvH3jZjkH/kKRL057Q5oGO8Hp/wAXQ+JeTgeZpfH/AG6GuuvNPi1CzurSYMbe4ieGTYcNtZSp2++Dx746da8++Fvh/wD4Rrx78RrAalqGq+XLprm51Sbzpm3WhPL4Gfyr02MbuKsZ5x4B0Xxb4N8L6d4UuNOsbldMhWyg11btRbyQrwkjQ/63eEIyi8EjIam6P4DvP+Eu+I2qan4c0+9GttC+nNdSxSy5S2WHYxYEpuK7hgkAcHB5r09Yh3pDEueKVxWPCdR8KzeGPgz4S0DU4NObxVo8NslnbJOZJbryZELfZShGJWG1c453Ed697kz9okAOAGONpyPTGfTHr7VHG7x8A4FLgq2S2RSESPjHPWmc9qdGN2TUcnyZON2OduOvt9TSHcbc30Gm2slzd3ENpbxjLzXEixovblicD/69c5dfFLwfHOFPi7QUBGfm1OEY/wDHq4b4m+ItL1bxFPHqqi78K+Dgt7qMGwSf2hqEny21qoIIcruDlT1Z4xXoNv4N0DarJ4d0iIlV4/s+FGHyjIKhcZ55x0IxVhczh8XfBEbMG8aaB/s/8TOE/wDs1dBpOu2XiKyS+0jU7PU7Fm2/a7KZZo93dQVbiktvCejozeXo+mru44s4lH57a8u8O+JLDQPGCa3ZWz6XouvXp0TW7KSNEOnarEdkMrBflVZlATjr+7bvQI9mdvw9fembd3NObC5yuMEDB9eckflT9o25FA7ht6H05/8A1+1cD4+tbnwj4i07x1YW9xcxQquna5a2sRkkls2YGOcKOS0L5JA/gdq9CX7tL838JwfWgR4h4k+LFjrOoLcaP498QaHbeWFNra+EpZwW5y26SFmyeODVO18eFZoZZviH40v40dWeBPBhQSAHJXItwRnpx6175JNPjAkb/vqj7ZKuF8x8/wC9SuB5fp98fix49028SwvYPCfh4fbUXUbSW0+2Xx+WMBJAGKRqS24j7xFep/fHLMzcZJ6k85J/OozK+4biTnvnNO3e9AEu3pxnJxXE/Eb4lRfDL+x7zVLFn0S9uBbT6lFLlrJirN5jx7fmjAXlt3Aye2K7VHOQQQCDkZrl/Flqt3q/hhJdOl1HTxdz/ak+zPPGsbWs0WJccBC0gB9iaYFn+37hPE1ppNhplpLaTacdRt7j7QUXCuqbNgQrgl1O4H7pPWuQb4wXy/BeTx+NDt9kWWNk16x/drN5LMX8rqGAIGBwKb8P/Aes/Dn4hXNsJJNQ8G2mmyf2Pwz3FpvlidrT/b2FPkP8QPtXn/8Awqmeb9nC909PDOrf8JcfMSO0aSYOzNdNIjBA4j2mPqQMA8Hmgdj6MhaWS3i+0RpHKwBdYySgyPmAJAzyfSuZ8WeL9S0DxN4R0qztLW4i166ktDNcSOpt2SNnyFHDDCH86zfEEEtx4k8M3drrd7p2oCWKaWzlujFbJZL/AK7zIWwCXOFBOfmwBwuayfHel33jjVPh5PdeE797Gx1O4udRtLgR5t1aFokLgPySxDfKSQoJoEb5+INxbfEHxJouoW9la6Roulw6vLeZfzHik8z5WUngqI23cnqOnWq2l+KPGPiDwanifStK0zy7q2+1WWkXRl+1SwkBo2eUEASMuDt2txj5u9YFr8MIl8e+ObZNGm0rwzr3h+HR476MqUEw83zGC7y4AEnUjnp3re8B3Pibw74V0zw3qHhueXVNOgWxS+hmhfT5ljUIs25nDquANykdaANXwv4q1DWvGHi7SbyK2S30lrU2zQo4cpNFvO8kkE5AHbpXWqcVxvhfSdTsfiP40v7qwaKy1QWItroSrskMUOxyFDbh83TPaukvNe0rTb63sbvUrO0vLpTJDbXNwsckig4JUdTzQBo7dy5qIttPHWrEkZUKp44zjoPw9ah2hTlhlRyR6j0/GgdxryAj3pm6vLvG1rrGkeKPBVsvivWPJ1rV7i3vFjnSJfLELugT92SuCoBOema6HVNfk+HelQRXg1DXmEd1cPeTNFGUiRtwMjttXeFkCgDlgKmwzswvlsMjIqZcdQMGvLI/GnmeNZ9cszqWpaRceE4tSh02JmZi7T4AjiBIDkYGQMc+lSzfHKzht7hk0O6uLm11WHSZYLe6glQPMAYmDBwGBzjpwQRRYD1D7n41E4+bP8q80m+OBtY9Ta88LX9omk6hFp2qSvcxMLYybAjrhv3v30z6DIqGX46NH9unuPCOpW+j2OrnSL7UftkTC3k3IitsDbmX94vI5G6kB6ovC/KGK981IG4Py15n4p8e2vg3xdr32rSLoy2GjwXZn+1DypoDOyBRGdwQKc5cgnAP1pda8eQXfhSy1S80j7fYyatbQQyWOqbo23SIEuBIoBcbmX5cdqAPRMOuAVYZ6UxpAOD1rxG61i38MXHjlbnTp9X09fFtpGEa+ZDAZI4Nhz97arufl9625fjHqVtd3r3PhUppljri6LdXZvlaXezKqSLGFyVy46t70D5j1LcNvFJRGm0Bd2Rjr3bBPJoZcUFCr1qNvvU9elMkzzigVxjLim0rMcgGmnrQMjk603dQ7ZOKbt8unYAU4pZF3YqMNkmpl+7z0ouAxmdcDtUe5t3NSyY4x1qHJBGBmkWKzfMKczVHglgSuBSy9qqwAzbRmmSyZWn+maZNn8KYEOd3FRyNtGKGOMmm+9ADGb5TULMD16USfeNRt1FA7kM2e3Sq7e3TvVlqq+Zt3UDK7LvTPpUBXBqxGNqk1DK2TVAQPyaqSKcnFXG5qvMuGqQKrKM80U5vvGiqA9ZYfLmm4zxSr1pW6VJkNYgYBpjbe3Whs84qJ93egBrNt5pA2TmlfpUTcUASSMT061XbBbnrUkbbuKGWgCNlUDjrULfeqyy4FRnrQKxXXmpVUBeaGXFNYZGKVgsSCFJMAjIJxWD4o8TW3hSxtJ50muri9uEtLKxtgDPd3DAlY0yQOgySSAACTxW0p6DO0/3v7vv+HWuE+Jmjahca14I8S2FnJfR+HdUkuLmyt1LStBLC8JeNRydhO4gdQCOelMkux69YeINYk8Ka/oi295LAt9HZ3TR3MF5Cjjc8bKdp2MEyCMglcZAzV3wt4Lh0DVNW1ee4k1LXdTk/0jUJ1AcQqSI7dFHCRxjj3Ylu9c/DYzeMPip4b1+zt7iHRdAsrxDeXVu8BuZ7hUTy41dVYqioWJxwWxXpKx7SPpigBONvGPeka1huMJNBFPGPmCzxhsfgaeF609VxzU3AfGoTau1fk+7gLx9PSnsO/emrS9aQrBTZhlSD0xyOOR6fjUpX5a57xt4mTwb4T1rXpITcJpNnNemIZ+fy0LY49cUBYoeHtGvtN8feNtSuLfy7HUPsH2ebcreaY4CrnH8OCQK6iNhuyK4TQND8R654W0fUv+Ep1CHW7yO1vp4QyfYijssjwCLYdqhdyBwd3ByxHFZvgm81T4oaHqfiGLWr/Rnk1C7tNJhsmCxWqQyGJGlRl/eF2Tc2fYD7tWM9V3dM0jMuOOteHeCfizqHxd1DwZpBebRo77QrjV9XaxcxvI8Vx5AhjcfMiF977l7ELxmum0nxTfeGfiD4j8Kz/bdetYdJi1zTwuyW8RGlMb25YsN43BXQsd2CfmPQzYVz0oSdqXdXAL8UL7aQ3w48aPJwNos4RjIzgjzuD/OqGnfGXUfElxqFtonw78TXd7Y3DWtyt89taQRyABmUy+aRn5h8oBNFhHqKuNpJPAGTn0rnvHnipfBPhm81LyDeXQK21nZYy11dSELFCPYsygnsM1gww/E/XOXu/DPhOBuAscU2qXA/2SSY4x+IYda53xn4D1fw9HpnjSbxNrXjO98N3a6m2mXiwpC9uEZJvKjiUKJVRnZGJJyoFOwFXwX4La+8VWehXr/2hB4YmGr69dOfl1DXJwXAPqIgxbHb90P4a9qA+Yknc2BuOOCeckfiaq6bd2ep2EGoWDRT2t8i3UdxEFxMrKoV+O+3H51chpgKvPGM8/5/GvJvib4XtLHxI99eK58LeLkj0XXY4vvQ3B/487xfQg4jJ7HyzXq4BMmBVgZKkEqB6ucAe5pXA4j4Z69qGqaPdaTrbg+JPD8/9naiRwJsDMVwB6TJiTP94uO1dsi/LXnvwxX/AISzxB4j8fAbLLVvL0/S1xtMlnbs4E7evmuzsP8AZAr0dVxTAbtwp7f5+lct4h13xZY6xLb6P4Nh1mxAVkvZNZhtAzY+ZfLZDjB3V1lNXvQBwT+JfiNuG34e6cv18TR5/wDHYjTJNa+JDyRt/wAIJo42c4HiNf1/c137DbzTlbNAHAtrnxKmlH/FE6GoHPzeIz/SAmlbWPiY7Hb4R8NKf9vXpT/7b13/AFpNtAHDRah8UGwf+Ec8Kx+39sTt/K3pXvvii3/MF8IJ/vancn9BDXdhcc0UAcE0/wAUuCNP8Fr9b27J/SOpEf4qMvMXgiMehkvSf0UV3jfdNIqkdKBHlV94E8Z6trMOrXul/DifVISrJdz2d28iYOQAxOeOtbX2X4pt9/UfBanJ+7a3mTk5yRvrvMbuO9OaOgZwP2H4nsSDq/g0D2sLw/8AtWnR6Z8To+P+Eg8IHP8A1Cbo4/Oau5jXBp5jzzQBwjaT8S2yD4l8LR5BGU0W4Yj6AzcmvA/2uNH8SX+n+GdN1W70zxNrM1y72lno+iTLcImMO2/zG+Xdj5cHBx0619cBe+M06PIz820+1K4Hxd8H/hD8etNED6fq954L05f+WWsXhlTbnr9mIc49sD8OtfYeh2upWujWcGsXsOo6kkeLq6trbyI5Wz1EeTt47c/hV9X65OT696PMzTA5Pxj4JvfE2ueF9Rtr+2sV0O9a9KTwySCZjG0e3cJAFwrE5x2qHxz8P7vxZqWnzQaqllFbwzW0ltdWv2mP94FBkUblAlTGATng12YagnAqblHkEXwI1L+yoLB/Fe1YtCj0FJYtPZH2LIr7iBJgg7drDupIon+Beo/2nLeDxXbqs+oWGpSW8Oj7Y/MtlATbtk4B2gEHsTXr3vQ33hRcDzTV/g5LrVr4rgl19FXxBeW15J5diSYnhEeFXMnKny1B9ASaxvBPg668TL4103V55YdHuvET3v2U2DRyXCB0eORZGP3GZewbp96vY+fXH0p8jNxuYmkBxmueBrzVPE1xrttrx02WWzhtESO0EuxUkMv3i+GD5YEY6Z6dax/+FK28fh270u31GPTjearFq8/2GyCW6SR7GVIoQ2EUtGGY5Oa9Gb36UrTHbgdBQB5nrPwhOrLraya/Ki6vqNvqsm2yQeXJDs2qPm+6fLQmnH4TyXFnqttP4gmkOp6murSstnHxOrKfl+bplVr0Jlwc+tKGKjI60BYfHv2rvbe/AZsBS2BgsQOOtI1OWQMuD1prZ/Cgsj7GgNQ3WmtQSMYbsmoguCanqORcUDuN60xj2pwz2prfrTuMiXlqVpePpS5UfWmMO4pALuyM1EzfNSrk8GnbcVVh3GK3zUkjetPkqLdlqY7iqxPXr2peD160lRk4agYxlwTTTUsg71EzbVJoAryL81QbcZNSltrGmyncM0AQeuarvjnHWpfWoZHI4FBRDMtV5V4zU7M3eoJOtUBFJ04qnL3q3J3qjIzHPpSsBE1FLJRTA9baPbzRTlb5qGzzipMhlMZO5qQdfelbOKAK0ijtVfae3WrjrULJQBW2sJTTz90560Nu3YHSkO7vQAxjgc9KRgWxilbkU5V+WgCIICcHrSsqhcd6l24pjHDUCuMjUd+lSqFVsjrTl+VfrTuam5Im7zOTRtI5HSnZwtMZqLgIse6nhcHFAalUbmxSAeq4obtTtu4j2pdvrQAir5nI7VS1rRbTXdLvdNvovPsbyCS3uIi2N6OpVhnPGQTWiqgdKa3OadgOL8KeDdf8N6fY6S/iSO90WxRYYZvsRTUTCpykZkL7OgwWCA8DkdQyy+Hd/wCH01a08O65DpOk6rcS3UkMlp5z2U0uDKbZjIAFJJYKwIVmPJziu324Ipy8g07gcMvwp07Sv+Ecm8NyNo2o+H7ZrK0lli85JoHA3xTg4LAkBtwKnecgkGtHw/4NOk6xqWt314up69qKRwzXUcHkxJDHnZHEmTtQHcT8xJYk11EZwcU9vunr+FMViO3g3uqj7zHaPqeK4D4NoLnw/rt/1bUPEeqXBb1xcNH/ACiWut1zxRY+HI4XvZ/KkupfKtoYo2lkncKSURFBJwMk8cAE9qzfAlzoUemT6doST2yWc8huLG8WRLm2lldpWEiSAOMs7ENjaR0pXEdKBtXFPX19+/T8aPuofelWToMgZ4JIyPx9qYHnPgiNfAHizUvA8nyaXMH1Xw+ccC2z+/tV9DE53BeySJ/drf8AEPxM8H+D9Qew1vxNpel3yAM1rdXKLIAwyGIPPSuW+K32jxX4i8P+HPDji28X6fcx6x/ahXzF0eEZUtL/AHzMpaMR/wAec5GM1em8HfEKV90vjvRXcDG7/hFUJIB7k3BJ6/h04oHY0NJ+L3gXWNUtrLT/ABdo91eXEgjhhiuFLO56AD61B8UrqfVV03wPpc0lvqHiFmjuJoRl7bTkObmQH+8wIjX/AGnFVofCfj9HLL480uI9vK8LRBvwJm4PvWz4N8EXOg6pqWt6xrJ8Q67fxx25vPsi2yRW6fMsaRqTtBZmYjPJOaVhHVWNlbabY29nZwrb2drEsEEKfdSNRhQPoBipF5zS9jTl7UwE28Uqrg1I1MOaAA5pnUGnUv8ADQAirS7aBJ2p3vSuA5KTbuIFJT1amAvl7VzSL1o3ZBpp5FA7Emcc0u7zOfSod2OKerkDI60CHKcGlDdaibc1OXPQ0DsPLHtSgsOtM24oXd3+73qbCEZvmp8fOaSTaaFYL060XAkC4pfr0pvzN1pQS34UWKFbO4elMaTDAGpFznmopDhhSFceqljkdKST5uvUU5DuGKY6ZkGKBkbZPSnbV4x1oaNo+vek528UAKx3L9KjkjzzSlmPWm+Zu/CgYqnsac23acdahdvmFLu+XmgdxrcZpAdxxSSMT06Uzmgkkb7uKhZtvFPHJpsinHFOwyNWHfpTZCoHHWgqw60xqRQzbuNG7bwelIzVG7ZoAl3L260jdKjjzzihpGHB6VYDm6VG3FLupGb5TQA1m+WmFqSk/ioLDdSc4NNLbcGo2ky1ACSRhuT1pkg2rilLHPFRMxLc0ARP0qrJ94VafpUMnSgdyvL0qvI3GKmk71C9UMrTc1Uk44q5IeTVSZqVwKz/AHqKWTtRTA9gkXFM/ipWkB69KYWXt1qTId/FTmqHdUuM4FADZBmoFfc2Knb0qKQbRmgCMrjNQv0NSmTAzmopPmU0AMDVIsnaotu0Zo3UCuSO3ymmR989KbJ2p8bbRmgkd8p6U4p0qPO5gasYzxU2ARUprLTy23ilVqLARbacvLCpN1NXvRYCZT0FKtM/hpVpAS/w02jdlaRasBCM8VIvTFDSdBSBuetTYAZeQaD93qR6EVIHpF7mncDyrxlIdD+N3hDW9Rf7P4ffSLzS47mXHlQXbsjqrZ4XzFVlB7kAd6gsZHvvjV4o8SaPE2qaZY+GodNnNgVlF1diZ5REjZAd1TH034r1ia3WeF4pYkmifho5EDqee4PBqNbZYY1jhijggj4WOJNqD6AUyTnfCvxG0DxncSW+nagI9SjGZ9LvUNveQ9N26GQBww6ZGVqPx142n8OrZ6bpNtHqXivVn+z6bp8hwmf+Wk8p/ghjHLN36d6h+J3grRfFfhvUJ9W0+O5u7Kzmms7zBS4t5FjZlaOVCHUggdPp0Nef/AWxuLPxYst/qV1rt/q3g/TtWk1DVCJblN8rr5KOAAsWBnaM5IBPNAHqHgrwbD4L0uSFrl9S1a9lN5qeqzD97e3DcF29AOgX+EACujXnFK0ecUvMeMUFAy/LQFxzSsS2CacfumgVhyU/mo84BpytmgQ7mjmhs4460K+PrQAhzTz90U0ndzRyaAE/ipeaXbijrSsAnXinK20EUhWm7aYDlXdzUoOBio1pKB3HjnNIq0i81NtwooEM209VpP4qfu+YUFDZFfjFJtOOetThsiopPu0iSPac8U6FBnnrRG2aVu9SBKzKo460kfr1qMNzT9ywrz1p3Hcm27hnGKhkTNL9qUkYqPzstSEJjbwKVd24YPNRNcbiewpI7ld5QNnFBRYkwf4s+tRLnkdqRpFLHHHrQrA9G5oAUxc5qJlw1HmMGwTmomuFWZUJwTQA9jgikPTNE0gXJLfKOahW4jk4DZPWgCUc0MuFNMeZVIFQyXSBgG69qALHRTULN1ptxcCOPIbIqs0zGMsvWncZYYZGaYenPSoEugUG84NQzXQXbzktwKRRK0igkVHIx7dKrfbopWaL/lonWmvcICA2c9s0AWlbOKe33qqecFXg4pLWZpNxY5xVXAmLfMaN3rUE9ysbBT1NMe7UDIzTAnaQDkUm7dzWdcTNPDmMlfdetTWtySoVjk+/WgdyxJyRUUny801rhQ+D1qjNf+XO6bWlAoHcubd3NJIuMVSt9SWRsFWV+9SNeLz1NAwaTaaiLbs5qN5g0ZwMe9V4mZXxuJBp2Alk29utV5DgcUXMwg5IzVZrtWUnafxpjuOZgenTvVWbHbrVdrjy5H3d+gqM3QZsBcGpC42T7xoqJpW3GiqGevzs1N+birTotReWVfI6VJkEecc1Ju+Wk6rSbaAHbs1HLzRu2tikZqAIJI80ir2pXbmmFipyOtArhu25pFXdkmkLA896hWbD47UEkhjJ6VIpDLg9aau1ulJKpXkdam4Aq/NUxOMVWjf86d9oToetFwLO3cuaM9qgE5PSnJL19adwJV606ofvUu7bTAkWTawqRTuOap+d84qyDuAqbATbgq5PSm+cc8dKRW3delQHO/2p3At7gy80DaTUecKKduyMUCuP5bp0FOaTGBTM+WMetL/DmpC47O4YpGfYtC8LTZHI5Gc9setO4ijrsLX2ianAil3ls5kVVGWYmNgAB3Pp71578KfD2p6Tr2hXF/p89pHH4H0+wkaZMBblJmLRE9nVeq+hrpviT4wbwRoNrLawJcahqOo2+j2CyEiIXE8m1GfHJVQGYjuFxx1rK1XxNqvgXxN4Ys9U1FdZ0vxBdnTDM1skElrdFGZGTZw0b7G4b5gdp3HpVAeilj26Um6oVnGARjJ5Gep5Of1NI0gPPegdyxzS1GG8wA+lO/hoC5Lv+XFJnFMVsGnRybjigQ/dxShqj7il6VNwJB83FO3bah3e9PVqLgP3UlJup6nAouA7qDSMuBTd3zUhbJqgF60oXnpmhqRetAEnbpiljYnOKizikjf5uaAJjjPPWk+XdxTVYtkH8KdtxQO4/fhgKXdTf4ajeTAxnFTcRLuK80pbcpqCNvfNP3UgGHqKezllGO1RbutHNA7AsJ875RlD6UNb4kxlht7VajnC4U9KR2U8jrQIhVU8rB61XW1IDs3LN1qy0mOtMGWYY6UFFX5hcDhgAtOBaSU/exVqbjAbr2pi9qAKI81VCBGIL9ankiLTKcEY61a600cNg9KAKt3DujxjNNWHa4+XHy1dkz+FMagCjtbzPmG7ngVBJGyzO5G7cPyrUjbrnpUcwUgmgDMljfykUL0prKyxn5eatMw2gCkzigZVkXzLbaBhjVCSGQxoSjfLxmtjHzZqFl2k+9A7mK0EsN4JViYkgbjTriGR5S4Qj1NaUvPFM3badguVSpfbnqKfD8uQelSs1Q7vmp2GQXEe6Y+lV2ifZwNw9KuStTd24YpiuVIonEJOMM3QU+ONgwLVZC4ob7tAynNDI2Noz81RrCyzM7HGe1XC3FQOdxxQBV+zH7Q7j+KmeWwbd1zVssFHPSoXcgHFBZV2yqz4GBTVjJbP51KJDk5qRRuFO4FS7BkGBVGSA7Tj71aki4zVabvRcDJmtS+5u7VAsLR5NaMo3ZFQyR/jSAoGIE7j/FRUzLz92incdz15pGZgKMMeDSeZggetLupGYjttFAakYZXHSomYqeDmgB3TNJuJ6UySRj1pm6gBWxu96iah23ZqBrj5vpQQDN81RldxzQT8wz3oZhuKelTcCTdtwKezfLUQ+8Kfx3pAG3dzTQo3c9KQyFc+lNhkyof1oAtFSE4qNm2jPenbt2CKja4BcoV5P8VACLK3erD/ADJxVRW2hj2qeOY+WMdKdxXHrGSq56VMF24piPuxTqLjH5IoVvmGaZu3KcdaVV3ccZosK4+Rj+FIrVFNJt534I7VHa3H2gc/Lg/nRcRfU7lxSk44NUoZyQ+V5DcGrKsMgng0WAlXOOOlRj73HB7Y9aXzCOQcigt3H40WA5r4jeDF8ceHUs4rg2N9Z3cGpWF00fmLFcwsHjZl7qclSOuCcc1m3nhfV/GXiDw9qPiGCwsbLRLltQjs7G4a5a4utjIjlmVdkah3YDqTjoBz2s33C1Njz5YI60XAlUncA3LH/wCvk/malaMHAFV93509rjy1ouBL9ylEtQLcbo+1LG3c8U7gT53c0kfemFl7EE03fu4JxQBL5+3NOX5+ag3K/wDEDj0qRpjGvy9O9SBNtxStk9Dg/Soo5dw96lVvXpQAiF9oDtn0+WpKbuG7imyPjnOPrQBOvSkHeoYpPMYncDT/AFycCq2Afup27K0wFQODk05WHfpRcBrdaOtStt7daibtTAk3bcU/dlagDbuKXzNtICTzMcUYzzUfLjjimGYIcFlqQJm6UD7ppBIOCGBNI3z0AN/i6Zp/8PTFN3beKdvwtA7ksLbeT0pm4Ekio2lbIzjbQCrKKBCs2aQ5pkjqCB0phZezDNBRMzgYz1pVkXscGq6yeYQC2ajt7rczZXbtbaPegDQjXdk7s0xl5JpiydzTWuE7lRQA/k00/MfpThIrYJZfamFlLdQfpQA1jg4psiE8ipflPSmSL6nFAFN1Izmmr1qSaYw7QO/8RqFnGOWXmgB7cCq8jPzjpTlkEmQCpNV/PbnOPagA2hjz1qN8r0pks3lct0pxlVlDdqdxjAzc5pp/dnNV5Lkqzg8+lHmBYwS+B6U7juOZtxpV6VGjA5O7Ip/mBVyDg0xC7tvNNaSo5Lg+YcnIqFbpJM4OAOtBRJtzkmmlT26UvmBlwG4ponXn5s4oAWThapO3zVZaYNwKjYZ5PSgohZflzSx/dNRtIqtTxKuKBg3Q1Wk6mpppV21WaRadgIJOGqvI1F5eKuVFVGuNqDjNICRmoqq1z5nO2igD1zlmQg5xVaWZosEt87NgitFYVXAAqOaCPcDt+b1oIFDfLg8HFUpoyy8NnmrOSBikZduMd6AKsyvtIBIPFRFmXd82TV3NU2+Zie4oAZuYcetRMzLISan5ZST1FROcds1NyCJ5CeRSCJWYsvXFKrBuMU7OOgpAQ7juXOcD1qczHbjvjikZd2KkKg4oAjVSynd128VC0jLhf4dtW1O2kaNWYEigBIbg+UAP7tQSyCKYtnB25qfaFPFRt9+gCO3/AHm04zvGc1YVmJAzhQ1LGfmHFSUEiWu4zTBmymflq27FRgdKgiYg1MzbsCgorqDucg4NNmj2tH6n+KrG0GhlDD6VQrFcKPMbJycUkYWODn72ePzq0mArNjmmNhs1IirJMfs7MRlyw/nU1uzySHOAuPvetTRorJhhkCnooLlsY29KsBjyFWjVWyM81Kq/umHctTg1S9jU3AryYbcD6U9JCyKM4GO1Ljmq7yFZAM0gJJmTz2QliQlN8vBhHYip8blBPWljUMwBFAEVkuINvYFv50s/3VB+7mnk/MR2FPGMdKAKDuFXYOhan3QUxqGzjcOv1q26rtU4waVT8mKdwKMRa1acBMgkYP41YVm8t8nAOOPxq7Gg29KlWNdvSkBnFSkiMDjdT2cbSS2fmq06KBnFR8elAESXImh442tTmwVDE7gW6U9alOMDigCO1BLSAnAz0qS8fZEcelPRQrHApxwRzyKdwIbdwyoR028077QGbEX40sbYbAGKlVjmkA1ZAVXHWq8ku5fo1XC1I0Yj+73p3ArGTaG3dccVHM0rsqA7VAHNXVUcnvR/EKLgHzKvII4/OqsvNwCwydvFWGkIamBQ5OaQEVvv8xsnA9KlZ1EhXuFp20LTo125FADfO27QeaDJhSNuFNSMvFS+WuzPegCs2WkQDptobKq+Bk4pw+VuKf14oArPiVI8rzimbPnLbug6VaZRUaRjzjQO5RVxGwVOuaktWP70lt3J/CrbIAc4oWMLzQMpSHbGrZ2jPWmQq7KSTn5uDWjgdxmiNVGQFAoArndJIBt2VHdDauActV/aBRt3cUAV4c7BndmiX7gqVlC9KXG4EGgChJ90CqdxGizKh67e1askYzioJFEh5HSgDLCqJAFzjvTZnPlsB1q/MAtRCBGUkigDLkZi6iSk8wKhB69quyQrux2qJoVVs0AZUm/Mik4JHFRs7NsBbLbeK03UZqrIcNQBWjmLR4NOnkIUYok+9ml6iquMTc3U9KYIyqZHdqf7U1nKtxTKGsxjYg85qvJJIzAKp/GnySNuzT1Y7c0ARPIfMEQGDU43OTntUMg+YN3qeNtwye1AilLxMzAZzRJIwz8uKnkUcmo3HIoLuQbm6mq0zSM4Cjd7Val+6ahkkKrxTuMoywknIGT3PpVae3YsCoyO9aB601vumiwGV5bKANtFWJfvmiiwH//Z)

При получении талампициллина и пивампициллина с использованием ампициллина калиевую соль ампициллина последовательно реагируют с 3-бромбензоизофуран-1-оном или пивалоилоксиметилхлоридом. Затем метилацетоацетат, защитную группу амина, гидролизуют и удаляют из молекулы.



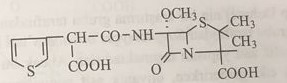
Баккампициллин синтезируется с использованием азидоциллина. 1-Хлорэтилэтоксикарбонат реагирует с калиевой солью азидоцилина. Затем азидную группу восстанавливают до амина. При этом синтез осуществляется с использованием калиевой соли ампициллина. Для этого калиевую соль ампициллина подвергают взаимодействию с этил-1-хлорэтилпропионатом с получением спиртовых биэфиров карбоксильных групп, затем гидролизуют и удаляют из молекулы метилацетоацетат, являющийся защитной группой.



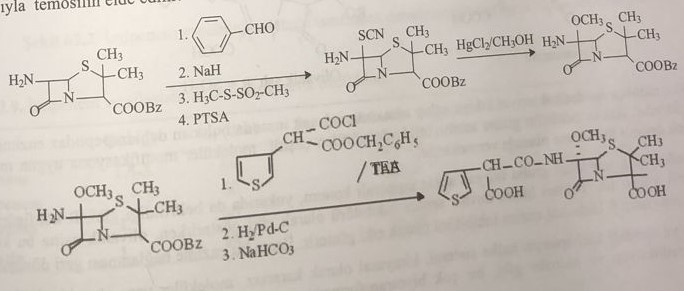
**Пенициллины субъединицы С-6**

Было обнаружено, что пенициллины ингибируют транспептидазу, которая обеспечивает перенос из D-аланин-D-аланинового участка пептидной цепи, формирующей клеточную стенку против бактерий. Установлено, что β-лактамаза, секретируемая бактериями, не влияет на цефалоспорины, сохраняющие α-метоксигруппу в седьмом положении от производных цефалоспоринов, и эта метоксигруппа защищает β-лактамное кольцо со стерической точки зрения. В 1981 году Слокомб и его коллеги открыли темозил. Темоциллин имеет период полувыведения 4-5 часов и является соединением широкого спектра действия, устойчивым к β-лактамазам. Это пенициллин с большим клиническим преимуществом по сравнению с карбенициллином и тикарциллином.

**Темоциллин:**(6S)-6-[2-карбокси-2-(3-тиенил)ацетамидо]-6-метокси-3,3-диметил-7-оксо-4-тиа-1-азабицикло[3.2.0]гептан 2- карбоновая кислота



При синтезе темоциллина эфир получают из 6-аминопенициланской кислоты. С бензальдегидом аминогруппа защищена путем получения амина из бензила. Затем при взаимодействии с метилметилтиосульфонатом тиоцианатную группу добавляют в шестое положение. Азометиновая структура расщепляется при нагревании п-толуола с сульфокислотой. Метоксигруппу добавляют в шестое положение с помощью хлорида ртути и метанола. Темоциллин получают реакцией полученного продукта с бензиловым эфиром 2-(3-тиенил)малонилхлорида.



**Другие модифицированные пенициллины**

Наиболее важными исследованиями, проведенными в этом отношении, являются производные, полученные путем молекулярных модификаций, которые получены путем сохранения основной функции β-лактама в молекулярной структуре пенама. Эти модификации в структуре пенама следующие:

![Diagram, schematic

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4R5aRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjI4OjUxAAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAM2MQAAkpIAAgAAAAM2MQAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NTozMQAyMDIzOjAyOjI2IDIzOjU1OjMxAAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAADK0AAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAZwCmAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A9CwBScVmbjgB1pcjtQA1hke9Ip9aAH71pudwoAeMLRuFABmnA0AGaDmgBOaQ5oGIpbNSN0oAaFPWgjNABiigCI9KaAQ1AhxyTilUc0AP2+9MMeelAC7AKeq96AIL+6i0+ylvJs+XEu4j1PYfiePxrN8Pai+p2k5mkV54riRG2A4A3EKM9DQBtBadt4oATbTZJIoI980iRpnG52AH/wCugCGS+s4rNrt7mEW69Zd+V/MVFNqtlALUvNkXbbYNqMd5PQdKBl8YHb86CO9ACgcUYoANtFAEOyl2jFACqnel2jPSgQuMUmBmgBQOeBTsCkBjX2pzJrcel28lvDK8HneZOCQ3zYCgAg57mrOk2bWunIksapNITLMEclTIxyxGT0zT6AX+lKDnpz+NAAcjp17VgMPtfjiW3uFV4rWxV4I2GRuZjlsHjPGKAHa9a21r4Q1eG2jSKLyJWKoPlDHk/jmsu+W/VPDUtzJbGMXcG1YkYEZjPUk46UAbtzqU1rfQQG0Ty5plhRjKA7E9WCgcgfXtWqCKAHYoxigYUUAREcc01B8owc0CJBSHg80ALRj6/gKAI4riCWRo4p45HQZZUcMR+VSHPT8qAMTW4Y75ms7rRpbyLyt0M0agkOc5APVcYXn3qawl/sfSNPttWulW5MYRpGOQWHYt+lAGoCGQOGUqRkEHINY2v3V5ZRJcwzyRxbkBxCCijd8zOfTB7UAab3lul6loZQZpM7Y1GTj1PoPc1FdaXb3d3Feb5obmNDGs0LhSUPY5ByM0ANj0WzTTJNPKyPbysWl3yEs5Jyct161I+lWMkNvE9sjrbEeTvJOz6H16UAVrvS7i9v4ZH+yLFDMksco3GVQDkr+Jz/hWrsIPNAx3QUnWgAxRQBGSOvU1mNHqds7vayLeQsxJt5iFdf8Acbp+f50CJbbV7aeb7O++3uv+eE67WP07MPoao63qk1peLBGkxhjtzd3DQlQxUHAGW4xwc49hQBsxzB4UkXO1lDDPBweaXcc5xwOelAHMaPe22llohJEbIQLiYW2yRpMnCY6s2Bnit6za/uLjz5oxa220hIG5dz6se30H50AaGKRo1kQo6K6EYKsoIP4UAZkmirBuk0u5exfOSgG+I/8AAD0/Aiue1eeafUfseoxfZlWNDcXUDNJFtydvy9ByG5bIGO9AHUafa2ltBus9rLKctNv3mX3LdT/KpLu7t7FFe4kCb22qMEsx9gOtAFYaxZPps+oRyPJbwbhJtjO5SvUbTg1Hca7b21jZXf2e4eK8dEjIUAqW+7nJ4zQBr5Pft2//AFUZoGGKMUAFFAFUbqcqHFAiG6sor6IxXUKTR+jDkfQ9R9a5290aT+17S0jui8U0Uv8Ax8qZSgXadudw3A56NnpQBqDTNQdBv1qfb2EUCIB/Opf7H3L+91HUZPX9+E/9BAoAqadp8Fr4mux+8kaO1iZGmkaQqWZw2CxOM4HSugBoAcDz0ooAT8ay4F/4qe+z0NpDxnj70lAFmDTrW0uXuLeNomcEOiORG3vtzjNZTtn4gQiT+DTi1uMdG34Yj3xQBa1aSCbw/rIhZGKwSrKVPG/ZznHU8iuauopIfDvh64n1F3T7TaERsqKq/kAeB70AdDqmp3VhdwIklsFlljSOJwS7gnDEnOBj8c4rbx8xH9KBjsUhHNACYooAjApwAAoEJ9KzLsD/AISPST/0zuP5JQBqY4pp4UknAAyaAM4yWkF1c6w95CLdoUiLFhtXazc59MtitGJlljSRDlWUEH1FAD+c0uPWgAI49KyoePFF2PWzhP8A49IKANbHGTVS806zvxH9qhWQxHKNkgr64INABFp1jDaNaR2sQtmJLRFdysSQTnPXpU62tuI0jFvEI0+6oQYX6elAFS90yS+lIkvCLUujmERDIKkHhu2SB2NaGBk4AGfQUALikoGLRQBFjmgg4oEZ9/rFnphK3Bm3CMyERxM+F6ZOOn41Hdkf29o7EYytxweo+RaANYAlRxQACwVhlTwQehFAHlymXQ/C0rjL6dqcEikf88ZwWH4BgPzFehTavZWYijuLgJIYwQoUsSOmcAH0oAj/ALajc/uLHUJ/dLZlH/j2KU6hqUnEWiyL6GadF/kTQAE65IRtXToBjkF3kP8AICqtil3H4nu/tdxFM5soyDHGUAG9+OSaANoEkUnNADgvGacpFADqKAEoz7UDFooAZxRQSY3iCdkt7WPyjLFJMN8an5pCvKoPqcZ9gazjaT3OoQRvdznUEcy3U0Em1LdGGNg4PJHQd+TQM1holuRmS61CX/eu3H/oOKvQQJbWywQllRQQCWyfzPegDLmsNJs9Jh0i9fzLedxGiTNuZ2J7YHqetbS4XheABgYJAxQAvNJ06igCrfz3EFv5lvCkm3JdpZNqRgDOT+XpWTpl419rC3LRGIy6ZE3lk8rl3NAHQAcU7HNAB2puOc4NAC7hjk0uRQAlNZsDrQA8EYooAjHPHqcVzz6rqN7ZX+oacLZbe2aRIkkQkz7PvHOflHBA4PSgRLDv1G3g1mxQtcXMSCEy/dtUYcn8/wA+B0zWnZWEVjbiKLLHJZ5H5Z3PVifX+XQUDLWKTGKAMvXI5pUsvs9rJPIl3FKxTaCEVsnkketahb5d/TvigBPM4pN2TQBR1exm1G0SCK5SABwz7494cDopGRxn+VUVktrG+Yz3c91fGBY5ljhLEAMxyQv3ep/KgC8NesDYR3ayO6yyGKJFQ75HBxtC/hT4NXia9SyuYZbS4kUtGsxXDgdcFSRkelAEUesXF8ks2mWiXFujFFkkl2eaQcHYMHI9yRWfP4maWz0+5sIonW7ultWWbIaJycEEDuMUAWr2+u4fEGm2CGARXayFtyEsuwZ4571t44wOKADHFNKZ60AKBxRQAwMA3XoRXLWVtqOlaZe6THZNIXll+zzhl8sq+eWycgjJ4Gc0Ab2mWqWGmWllGwdbeJYw3rgYJ/nVwNQA/t1pM0ANY7ht5xSFOMZyKAF285pFQgknvQAqgh1wOhFcz4OBl0y9WY/6Z9vlFwG65z8ufbAGKAGXskVt4s0i+UoLPM8TSjIVJ27k+/IzU2uw/wBqavotrauC9vK00rjny4ym0ZI9T0HtQBH4Zu4dI0OLTtRPkXNozo0bLkv8xIKf3s5/OsqTRriHRLNJ7WZpJ9W+2yQpGSY4yTwcdCBj8SaANi50xbbxPpFxYadP5MSyid41Y7Q6gL1PtXUY9aAFpQKAFIFFAFLbkYo8rI5oAcFPrTu3FADucUvvQAhxRkmgBc+tLuHrQAZHX+VZ93penXNw1zJaKZ2XazqWUt/vYOD+NADgieV5JiRogMGMrlcfTpU9rBDHGVgt0hQn7qRhQffigCyFx68dPb6ULnsT7+9ADsHGDzxRjH/6qADIpeMUAFFAFZUGc0/jFACcAU3owx3oAk96aQTwDQAgQ9zmnbM0AIUpdgoAeF4oKAjHrQAixKowo/GngUALimnhSfSgCNnbCkDrUhzjAoAY5KAE0K27vQAhk5ooA//ZAP/hMehodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0b3JUb29sPldpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQ8L3htcDpDcmVhdG9yVG9vbD48eG1wOkNyZWF0ZURhdGU+MjAyMy0wMi0yNlQyMzo1NTozMS42MDc8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAMCAgMCAgMDAwMEAwMEBQgFBQQEBQoHBwYIDAoMDAsKCwsNDhIQDQ4RDgsLEBYQERMUFRUVDA8XGBYUGBIUFRT/2wBDAQMEBAUEBQkFBQkUDQsNFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBT/wAARCABnAKYDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD6w2hRgCmqQc+tDMdmcVFGjLLk9K4j1iysY4JqQMuCVquzMzYHFPhXa3WgQlwu5OPvU2GToD1qz5GeQ36VA1nuzjrmgCU3EYyAeajVhMvqfSl+yhMevU96ngiAJOOaAGpiLp9ac0wIJz2yOMVm+LNftPB/h+91u+yLWzjMjL/fYEbFHuzEL9WFch8G/Glx440PUzf3Ud1qVlqdzby+QhKKolKxqGA2twOoNAHoIapFbAojhyOvQ4/LrUywjbQBEWzTWYngGpGiK9sj261DeXtppNsJ766t7KAuE864lVEyecZJ5OBkAeh6UDQc9+aa2e1U7zxXoljoMms3GrWUekRjLX3nBouuOoz3wPxrP1L4gaBpMeitPfFl1qUQ6cY4JHFw7Y2qCFwMgg89qLDNuF5PMxjIqxL8y56mpUVVzwepGGGD+VOeMAZA/CgZVSE9elDLuq5Gvy80eWD0FAFFo/air7QiigDONrtAA6e9O8lWXINWmXCktnA64561BboBCgU785wcjnmgQRWwPOOaf5I3dMVPH2weOxHQ0j/Kwz/MD+fWgkZ5YWm7BuzjmrB+bGAce9N298NgddqkmgCNV+bAXipioA5GD2qnY6xp9/dTW9pqFrd3EKhpYreZJGTPAztJwMgj8OlW2DMQCQCSAoORzzQB534r8cX1r8Q7Pwhpdzpmm30+nf2gLvVFLrJ+8KLFGispJyCxJOAMcZra+Hvhubw/4VtoLu3it9QuXe9vktpneFrmRi0jKS3QtyB0HNYHxS0y28VyTaHrHgS88R2P2IzWOo2katJHcNuDKjEhoiNsRLejdK0fCd9/wrbwN4U0vxlq0cWrtbLbyXUzko8yjJUyHjIBC5J5x0qugHar8o5FPVt3CgMT0APJpI3SaBZ0kjkiYblkVgysPUHoa86+L2u634Xs7bVbLULmysxLBG/l2KyW0KmYCWW4cgnbsYABeh781IHosisuCAdw5B6cYz+oxXllwo8RftGXum6nFFc2OjeHoZ9PtZkDRiSaZg8u1htLAAKCe2fWvQrjxNpdr4gg0VrtG1G63GK1jUs+zJIZsD5BjoWxnGOcVR17wHpviLXLLXftF9pus20LW0V/p0wid4CTmNgVYMNwBGRxg+tCA5L4taBpegfAnx9ZaXaw2Nl/Z95M0MAIjEjAs4HocnpgdBXE+KofEcMHwdu9VutLa1XW9PEUVlBKjoTbMBudmKkBeDgdSDXrtn8MdDtfCF34ZaK5udJvZJJbsXFy5muGdtzF5BhuW7dMcVcufh/4fu7DSLOfSobqHSSpsBcMzGDAxlTnO4ALgnPSqAw9a8b3vh/xJpunNo0JtL6/hsIJZLtFnlLjLSJEqnKL0JLA8Gu4jZew4zn/AA/TFcV4i8Cal4n8Safcz/2LFZ2N/BeWt+oka+jjjYM0WOmHbIJyOCRjvXc/Z2jYhjyO3XH+ev40ikKqHHAo27fY08fKvWk+/SGJgUUrIR3ooAqSOq4b7zAHHHTp/hXFzWfi3Rbie40i5i8R6fLI0h0rUGWG4iBOcQTAbfwYD6+nUr5hI6k4qWG1fb6n9fzpkHPaH8RtJ1a+Gm3Bn0fWj10zU4/JmPuh+7IPdCehrmfih48vfD2vRafaw3zWFppj65qUuntEsrQpJtVQ0p2hBhyxHJ4Xvx3GveF7PxVZtZ6vY2+o2p/hmUFlPYq33lI9Qc15H4n+Gt0vjrQdGttYN1ZX9pd4OswteyQJF5beXuEiGVGyPlkLAbfekB7Raail1p9vcxBvKmjWVPMG1trDIyPXn+lSCZlbeVyi8/dyeOTxj0riI/AviW4t187x7fiL+GOy02C3C/QYaro+GpuIf9L8U+Jrzu3/ABMFg+uPLRSM/WgDz/4ceJtK8ByS2gurSTw4umxbNRTSTb3cl0XYLbFQN00hRd3GSMjPXNeo+HJvEWs6odQv7VdB0gxlbfS5sSXM7HHzTMCQuDn5RyOcnsOT8F+D9O8P/F7XUBuryW10ezmt5NQupbl4mlluFlKNIzbNwjTO3HAxzXqcbe/JGSQAPehASbTnjp1HJ59QfWo7izivLd4J4YriBwVeKaNXRh6FSMH8amVgWPAH0pxbg4pgcLefDGPSfNuvCOqz+Frktua2jUz2L8dDA3CA4wTGVx6V5P8AETVb7VfFf9ieJ7T+xI47eGTVNc0uWa6shCWcw/uiNqEssp3y5UbR97GB9G89c8546+h964nS4R/wuLxLkZV9F08lMnb/AK26BGOnIyOnekBqeD9A0XRNOMmh+XLDeMXk1Iz+fJeEnmSSYks+SO/yjoAKt+IfEOmeFYYZ9SuBaieTy4owjSSytjOFRQSxxzx2qLSfBekeH9YuNT022k0+W4VlntbWZ0tZCf4zCDtDYwOAOlcLdXHmftQWCXPSDwu8umrszsk88rKy8feKYHXOO4oA6dfiVoNx4R1PxNa3E97pWmmVbnyLaQSxtHy6mNgGBA65qprHxY0zRfDnh3WTpmpXNlr08NvatHGqNG0uPKL7mG3IOe/Sk+Il5Yaj8L/iEljLbyvDp97FeNC2QLgQHeHx95hlRk9eK8c12xudN+FXwn1PUPFNxcW/9q6GyWckVvHBGMAnBVAx2qCMFuvpQB9QK5wc84/hznn3xx+tLuBwAOMV5t488dat4S1zTILe50qOO8vbS3trGdWe5uVZwszmQuFQLk467tuMjPHpXlnzHX0OehH8xQX0DaG7UhUA8VIsfHWkZfm60AMPSinGOigCoseBgcfhUiqI1z1pWXDcc0SISvHpQQMHXI61xniJU/4Wx4Fbofs2qDA/3IP8/hVrxd8SNE8CyNHqbXpmW2a7ZbOyluNkQJG5tgO0EggE4HBqr4hdW+JXw/kYeWXh1M7XOGXMEZIPuOvGelAHaBTsBHT0pkmI43ZztVVJJJwAO5/SrKqzRrhSOgxx+fNEcaySJFMgaKQ7XVx8pUnBznsefyoA4ZrvRdJ1jV/G82uWMeky2NvZvO0q+TH5UspLmQEjbmUA8ZGPeuwsJo761guIW3wyxrIj4+8pGQfyxXxjDJefCr4M30y77jwl4v027iKg/wDHjqQaRQB6JMqgYP8AEor6u1L4iaB4ZSytdT1Nbe7kto5FhWJ5XZcYDBUUk52mgSOmCkMadtOeTj8647/hZ1tcMP7P8P8AiTVf9qDSpI1+uZdopzeL/FN5xZ+A7mIH7ralqVvCPqQjOR+VAzsGX5eflGDyf8+9cRprbfjJrwyfm0Oxb8proVNJJ8Qrxl8uLwzpSgcrJcT3T898BYx+tYnhW31mz+MWuHWtStNRnfQLRleztWgRFFxcfLhnck5zzkdelAHpxUbcmsLxH4N0Txctn/a1hHePaMXgm3PHJESMEBkIOCOo6VrqzNHjNMZW7CgDL0/wX4e0vQ5NEtdItF0eV2eSxkj8yORmKli27JYnaMkmtKLQtMjtbe1TTbNLWAHyYVgXZFnrsGPl6nHpmplh+XJHNTQyAcd6AOW8TeBbrxVfMl1rjR6I89vO2mraIWVomD/JJn5dzKCcq3cV1qqvmOQoXcc/KAKX9KUNQNCbQO+aTim++aUN7UDF4opR9KKAKzEAep9B1pS3HcfhUcY3YUnG87eTgfQnt3/KvJrr4geKPFHh3xR4l8LrpcGk6TLdQWdteQtJJqH2ckTMWDgRglWVflbO0nvgUzM2vjFq0trpejW32Rr6yub9PtFpGw8y6aMh4rdR6PJtLHoERycAVycnh7Udc8U6Xa3Gs6g3iqGdr7V9Q0u5EVvpkMiBPs8eQwJYABVwCfmbIBAre01rjxppemeOfD8Jl1bV7OBLB74gwaNBKuZJAMdNwBPdvlXgFs9n4Z8J2fhXTFsrTfKxdpbi6n5muJj9+V27uenoo4HAqRox4/hbprKTdav4lvycj99rUyZ5IP8AqytdLpOk2+h6TBp1k0sUESsqs0hkfnvubJJ9zmr4jOOnt+QwP0x+VM2lc55OaBnAaj4S8F+GvA9h4J12f7bpWozC1t7XUJPMnnkZ8jbtXqGYkHHGe9eiQ4hAWEFEUbF2kqMDgY9sevvXCfFSyv7638ODTdHuNUuoNas7yRrYRqywxSBnG9iCM7hgA84Ndq037ozEbc4JUkZ5GQDgkZAxnnrQBZyxxz/9emswU8gE+/8A9aq5vAFGOSaj84yNnOe1AFDxZq2p6TpZudMsbe7MYd55by58mC1jVCxdyATzjHT61wvgfxJJ4q8exapLaNYNeeErGY2rnLRb7i4OCcD174PPIHSuk+I3hW/8ZaHb2Flq1vpca3CzXAuLYzpcKoO2NlDqdm7BPPO0A8Eg8zBd6V4V8RStqGs3+v8AiVtOhtL6KzsXlZUSWWQSPHED5eS5AyedtAHq8cfyjHSpNmGFcVH8WvDr+GbTWYrma5ivbp7GztooW+0XNwrFTFHGQDkFTnOAO5qxpfxGtJvEFtoWqWF54f1a7jM1pBqBiK3Kr97Y8bspZe65yKAOv4VSMj15qIr8wYBgOBwOuemK4ix+JGpeKbe9vvCWiw6vpVvK8EV1dXgt/troxDiBdjBgCCNzFQSMVymrfHSS+0Dwrq3h2ztLmHWtYi0WSLUtyzWVw5KsrKoIyhU8ZH1osB7J5y7QSQOcYIOc+nSnLID0rzXxR4q1rS/ih4P8NwNp8dlrcV08hlgZpYjBGHIX5xkPng44969G2gKUUFQD36igBx7moJZvLTluc1NtO3rUT24kHPNAE6SDYCTRUSx4XBOKKAK6TJHMCWwAwyQPr1/OvEvC+h+J/APhHxH4MtdAlu2mu706ZqcckQtTFcZIaYs24NHvbgBt2AcjPHr6wllIz16+9O/s8yJ8xwfYf5/SmJGf4F0KDwj4P0PQraZbmLS7OK2WbH3iqAMfz3cH2+tbyzbcDHQAfkMVUWF143E47kkn9TVjb8vByehpDLgPy5zTNw71Fltopw6ZIzQAyZvOXy8kL1xnuOh+tI9vujALFl7DsKc2Bz0pFZmx25oAFgO7djjtTYbVlZ2Jzu6DFTFgv3jxTxKo53UICCJXWePC9GXnHvwD7E4rxv8AZtR9Q8H+I4r4keIP+EjvF1NZeJPMLgRmQnnAVV24xXte9SASeP8AZrlPEXgPwtrWqSatc6NE2pyR+XLcwNJE8wAwBIEYBxjruBzTA828T3dnovxt8BeIYmhj8P79RsZLxNywwahKB87N1G/DDcO4rR+LGmnx546+HekaPOr3GmXs2oXtwpBFpbGDyxvIOAXbgKME7ST797HbQGzFg1nDLZKgRrRow0Wwdth+X9O/vWloOk2NnaNFp+mwaZbF8+TBbpCGPZiFAyRkgE0kJHknwO8RWPw5+HNj4W8Tv/ZOs6HJNbyWcsZZrgGV3R4AB+83g8AZ5x06nib34a6lpvw78PW+oaTfTXeo+Nv+Ehu9PtrVna0tHc/K5A4YIEzz9529K+qY4NmM7iFwRzyuOm09u35U6Ldjh2BOd2DgNkknj3PJx1NUM8S1zwLHofxg8A6n4d8MX406xivU1Ce1hkby0niVIgS57Y5xXtu0gDOM47A/1p5Qsu1ju4I57Z6kUBAp9B7ADtSAaBuHSnRpTtyinKQVyKQCNGtFBPqcUUAZEVuqtuP5VPtXafrRRQAm1FU+tQcRyrt6N296KKALYU4BPOajkjZ8gHFFFADFtm7ndUn2UMR1GPQ0UUAI1qCcHOPTNPW1HTtRRQBOkA24xQ1qrqVPAPXHBoooAZFp8cC4jXB/vd6sxoQOTn60UUALtxnJqF/3cbN2FFFAFaW6k8uNlGSxx16VZZn8vCnmiigCG5ke3RWPJJxRDMZskNjFFFADGuzuxjNFFFAH/9k=)

1) Перевод карбонила из второго положения в третье (изопенамы)

2) Замена атома серы в четвертом положении на метиленовую группу и кислород

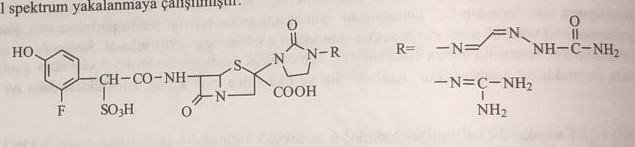
3)CH2 для карбапенама и кабапенемов

4)-O- для оксопенама (калавама) и оксопенемов

5)Получение производных (пенемов) с двойными связями между С-2 и С-3

**Соединения изопенама (пенициллины с карбоксильной группой, присоединенной к третьему углероду)**

Это соединения, полученные переносом карбоксильной группы на С-3 вместо С-2. В то же время они являются более стабильными соединениями в отношении β-лактамаз по сравнению с производными пенама. Клинические испытания моих двух образцов, представленных ниже, продолжаются. В этих примерах вместо С-2 одна из метильных групп в положении С-3 была заменена на карбоксильную группу, а другая метильная группа была заменена на группы 1,3-диазолидин-2-она. Но при замене группы –NH в структуре 1,3-диазолидин-2-она на другие гуанидиновые структуры были получены соединения с более широким антибактериальным спектром.



**Карбапенам и карбапенемовые пенициллины**

Тиенамицин, выделенный из Streptomyces Cattleya исследовательской группой MSD (Merck Sharp Dohme) в 1970 г., и оливановая кислота 7-оксо-(R)-1-азобицикло[3.2.0]гепт-2-ен-карбоновая кислота сохраняют свою структуру. Но биологические эффекты этих двух соединений совершенно разные. В то время как тиенамицин оказывает антибактериальное действие, оливановая кислота действует как ингибитор пенициллиназы и β-лактамазы. Основной структурой в этих производных является карбапенам, асимметричный атом углерода в восьмом положении находится в конфигурации тиенамовой (R) и в конфигурации оливановой кислоты (S).

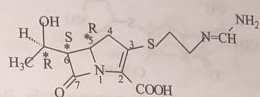
![Diagram

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4R7wRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjMwOjEzAAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAM2MQAAkpIAAgAAAAM2MQAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NTozMQAyMDIzOjAyOjI2IDIzOjU1OjMxAAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAADUQAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgASAEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A9QGeTzR82/2rE0K3263U4MozuAHB5ycDHrzxmrEEonRZI2yh6HHWmBMc9qTLdhxQA4MSeaMkDgd6AGkv+FOyePrQAbmz04p2WAoEJk5zTskigY3c2ORSgtQA4E/jRk9/SkAZPAp4NMBpPB60z5gc9qAELMT04qFyd3Q0AMLOe1L83XmgADOB0pCz+lAxpLdD+NMbcE4pgRuxKVVfdQBo3N19ltJLhlJEaliM4ziktrsXSSMq4CuU69cUhGP9nspZhD9q+e1OBHkbgocMeOvJVef8a0tNmto7RIYZ1k2EqPXPJx/n0oAv7iRk9KYJ0MXmB1KYzuzxigCrpt813FIXC7lkIAGfu9jz7VbEmWYAgkdRnpQAktwkQBkdEUnG52AGfSmT3kduq7jlnOEQcsx9h3oAh+2zxMHuYBHAxxuDZKf73t9OlXi/yk0AZV1a3ck8kkEhMbsu5C3BAA5X0PUe+aZpjXdreeROdweJWBZuQQoB7+uaBGxvOOlIHOOlADLm6+ywq23LO6xr9ScVSl1doZnimjC7WjBIztw7YyTjA/GgZpxyI6qykMpHBByDTtxzjFAB82fxoNAEe7HGajY5zntQBF5nPtQXPpQAgY5oaZVUksBjrk9KYEH2yMk4kQ8Z+92qM38BKATRHecLhxz9PWgZXk1C2DtGbiEMM5XzBnj2o8wugZCCDyCOQaANeSJJ4mjlXdGwwR6ioPsywSNLC5jBJZ1Jyre/PQ0hGWqQMJLh7dopHmEizmMkMocMMsOg474p8drBZWD3ENyJoFcTuykHlecA/l+tAF9NVt5od8CyT5XOIk3D6bvu5/GmWVqs1vG8g/c9Uh7D6+p/SgC3ParKwkUmOZeFkXr9D6j2rPs7i4mubho4FMmFVnLYXgnBA6/5FAFi8sp7y2jVpEWVH3hlB44I4/PvVqKCOJ2kC5kb7znk/T6e1AErKrqVZQQeCDVH7DJnyGlzaDkJj5j/ALJPpQBfUAdKcBQAuKydSurm3uJBCCUEKtnHQ7sHtzxQIt3c0babNIAkqBNw7g45FVftGlOs5VlzG22Q4OQV5/TrQBfsnh8tYoy3yDo4IOPxqeaWOCFpZW2ooyTQMimu44goGWkcfJGv3m/+t71W052i329y5FwzM4Vu4J7Hvj9KALbPGJFQugduVUkZP4VWvLmK0h82X7u4Lx3JOBQBXkvY02qqs8rjKxKPmx7+g9zVS4nv4YmmKxFe6KCSnv7+9AD7XUI7iMuPlK/fUnp/9b3qneWp1CX7TBKFJiCK4OQwycgjuDn9KYFQ6TcjIEq4KMhyenz7hj24wfrUtxpsly05JjT7RGI2wOVwScj35/QUDK8mmyvHBF5qDyNwDAHcwII5/OrNmJoEaKU5VcKh9gB/WgC42sPHf+S6gRiV1LYzwE3fXP4VLay/2tFHI7r5TfMYh168Bvb2pCNXrVC/s7fzbe5aCJmWZQ5KAkhsr+hIP4UAXwAOlU7aaCF5LXzQXSTGwA5UNyPw96ALF3L5FpJIOoXgep7VX0mLy7TcesjEk+vYfyoAvinYBoABwc0EUAJTgBQAcUcHtQBnXsaESWtsMTTr8wH3VHTcf88/gajuIJ98chtlJAZWaEg5DDng49B60CG2X2W3nURee7xoyiIQsNu4g9xgDgY59at3ct49rIY7dUwpPzvz+Q/xoGS2dvFDEHjO9nUZkPVh2/D2p10kTwN5q5Vfmz3UjuD2NAGZEt1fOki3W2KFzsYp8zcYOe3c1ZlsxJavDJK7h+pbBz7YxjFAEdtaQ2UIihQAdyep+pqQgYwaAMxtKjNwxVtsL/fjA6+2fT2q+saIAAAAOgFAC7V9BTSo9KYyNlXPQVGwFAGg1vHICGQc9akSNIl2ooUewpCHVnatdKts9unzSuv/AHzk4B+pPAHc/jQBJbm4vEEn2qID+IQgHB7jPPNI9jBPqJd93mxgOGBxkMCuOP8AdzQA2/06BrOQKJy3G3EjtznjjNTWzvbW2y4ICxKMSngMP8aAJBf2uQPPjye26hdRtDn/AEmHhSx+ccAYyfpyPzFAFoHPOeDS0AIaOcUAFYMA1NXYSiYxGUEjOTs+bOO+c7fwHFAGpYrIlvmZcSMSSSOSO2ffGKtZoAzYopbTWWmeUvHdAoAf4WGWUflu/KtYkFeR1oAy7fUYIZPsZyrRuUO844wSD7jgin6hcxPZSBJoiCBu+cfdzz+maAJLFfLsoweGI3N9TzTmYseKAIX45pu8EUANyQ2c0FqBhmkJpgMY8VA54pgawbik381IitfSzJb5hBLblBIGSFLAMQPUDJpllAHJuJkPmB2CFhgkdAxHrjjPpQBchQRAgdySfqakwA27A3EYJxzigA6moLu3FzAY920hlcH3Ugj9RQBn3ejm8iuI3lAW52mTaOQV9PyFRS6E01xJO84DvAYSFyBztwev+z+tAG6DxzQTQAK/rTs0AM354oBzQA7tRxSAxr66kuJVitM5jbzAwAJOOp+nUe/T1NaFvB5iRzPNO+QGAZtoH4D/AOvTAa9lG98rNCGVVZlYjOGPBH4jtSXthG9qyxW8e88DCqP5igBI0axjfzHH2ZF3KzHlQOx9RULajAjbGEgbBbbsOdoxk/TkUAVX1mzIjKyFllIEbAcPyBx+JFTRTrcR70zjJHIx0oAcSaATQADINNaXB4pjE35zmo2PFMDTFOBGcVAheAw5pS4FMA389KaZCGxQA4vimFmzQAjSEDNNSbc1AEpfApVk5GaAF3jNH8WTQAuQaAwz2oADIOlUr0TSSwGPe0QDb1RsHOPlPUcDn8xQBPZwskCmYDzmUeY3qcVaGAoA4AGAKAFDCjIoAhuYkubeSGQZSRSrD2NZ81gCVkaZvMVDHuwPunGR+goAzW0Cz8mGEO3lQNuiU87eQfx6fqat2sEdrD5aHK7iRx0zQBY4pPpQBEZQDilyO9MYw8jio2O0UAam7jiqmpSypbb4XKupHQZzk4qRFV9TuISym3aXbvIYDqFOD0+q/mfSozr0qBi9pkjptJ56+3tTAcNckLgG3CgsMHd/tJ/Rj+Roi1uR5kzBhXxnJ6fd/P736UAbZznNJuOaAFxkcYqLaVoAXcC2KdwOlACq3zfhTyRQA3cpJB60mVDHigCO4ljt4JJ5DhEXLY9Kq/2tDHcGF1ZHAJYMQMfd7/8AAhQBOdVsowu+5iG7kZcUHV7LfGomVlc4DqwIHDHnnj7poAma+to2KPPErAZILAED/JH502G+tbiRljlVnQZIBBIB+n0oAih1W2uGkRWZWjGWDjHGSM/oaiutQgW0knRxKidfLOf5UAZo1aF1aQAmJWVXYMCAWxjGOo5FJLqcUVx5GBneij5uTuOOB7UAaO4CjdmgBu0U7jFMZGCMVDKwANAGsAKGwakQgjTeXCKHIwWxyRThnNAC5p4OaYC5FBAxSAUDApsnTpTAqMxVs44pwk9aAJFwTk96fxjpQA3aM5oIHakBG6LPE0cihkYYYetVm0u2dt7Fy+MFt3J6f4CgBJtItJtud67WLAK3cmmNoVo7K2+XKsHBDdCN2D/48aYD7rSYbu48+R5dxXbwe3H/AMSKfbWSWbOyFyWGDuPuT/WgCO20+K1lkkj3fvTmQHox9frT5LeMRNGqlVJzwe9AFH7Bbou1IyASCR2YjoSO9Mi0yGOMggliyscHH3TkcexoAvDpUbPtNAAJD+dLuP50xikACoXAoA//2f/hMehodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0b3JUb29sPldpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQ8L3htcDpDcmVhdG9yVG9vbD48eG1wOkNyZWF0ZURhdGU+MjAyMy0wMi0yNlQyMzo1NTozMS42MDc8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAMCAgMCAgMDAwMEAwMEBQgFBQQEBQoHBwYIDAoMDAsKCwsNDhIQDQ4RDgsLEBYQERMUFRUVDA8XGBYUGBIUFRT/2wBDAQMEBAUEBQkFBQkUDQsNFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBT/wAARCAChAkADASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD7WWYyR/PgH17UR/Kme9QzK25FRMjbyaueWfJHy4OOleadoyO4G3mq8lyfMOOVqVYcw9MP3qtJC5kYiJsnHzD6UEk7yHy+mKI8YyTg9/6U3UJIrGymubqVLW1gjMstzIwCIoHJOfSue034haNfahp1mv2yw+3HbZT31lJbQXTckLE7DBJ5IB69RxVAdQrLtGCckZpY5gsbEn5u2a5TSfHGn65rGtabZRXrXGinZexvZuhViu5VU4+YlcMAOoNW/BvifT/HXh+HVtIaaSwncrHNNC0XmAMVLKD2BBGfagDo7WZpN2/mpy46nOajt4zHkEDjjPrU207TwKAImuMMoHQ0sM+5Wd8g52immP8AeI2Pu9RSGPauP9rNBRKbyPzCpOCBnFPW6jYbs1VuIGaUNGByMGjyn3BccDqaALQlV6crBhxVbcXYjG04xUyblwB6UALuPmAU55ApAPX0FRqjbgScVHJG/wBojIGQM8/hQSTfaEXJwcVBJqSLt27ju5wozx605YSV5XnB7+1RLA0ahgo3bdpHpQBY+0j5WHIPepGlXbknCgZqtbwsygZGBUlxCxhx0OefpQBPHOGXcuQp6ZpPtiq23k56YqIYVPlweOOahaN5FjbaAVPIzQIsQyfLnORnr+NS+d83PSqkayLlQOM9KteWW25HGaAF+1rkhRwDjNI1wuwljjvULQiMMB3bdSshYY4IJ/WgY+OcbcdzzVpZgw9qo7WJ3DGVHT8/8D+VC7vmBPQ8igRd8xe2fwqKa4CqRnHPDHtToN27px0z71XvLd55cADYBk89TQMnEwOAetLJIvToaqPGwwcc7fWnNvymFBTHzc80ATLdblwG5pUuF2/O249AKighfdztFO8txs+QHDUCJIrjfuLjaU9OlWFZNoPNVmV49/yjDVKu5gMcDFSMVp1ZynJNI0hVgo6+lMWFlmZzzSsxWYNxyKoCSaTZtC8k9RStJtTGce9R/wCskBPB702RWZWXqBQBJbylXKh9w96ndCzBQ/B71XhYbB+7Vfxpcv5gI+7QBY3lcgHlf1prMevSlVQy5PBqGaT93gfeoKHPuWPOeaptMzRnsw6GrXmyeXjBqqFdmPHbvQBGLsQ+WjEkt1NWlkABzk+9RTWp3RsRnA/Ko/m5GaCSV7hMZBqPzfMXK81C1q2F9M+tOt4zDH/wKgCKeTatV87myc4pbpHaRiEyueKrKsjMxKEDbQUW/tS8gNjHXNVnulkJKE49aQRsyjAxxUX2d1UKQeGznFAEgvHkVgucilfKshLEtSRoV3YXj1qRojNj1FACPcbY+QfyqWC7V+M4A9arNC7KFz0oW3ZMYGBRcC3JepxgEn2pGvF3YqosbYyeKJIZH6BSPXNUBYa6CgtnAWoFu/McspIHpUL2r8oRkfWpEtdqtgYNMsWS5DMIiSGboTVZ1bzCAxzjFP8AJkaVWOML0o2v5+4D5TQANII0BbnA45qnHfeY/Me0+uat3EQcHPX2rOkTy5kUVQF1pBz3NZt5IUywXIq26kqcdaoXCM0ZBPNSBUkl+VjgjNVnkwpxVloGIx2qCS2PrVAehrg8FcVJ5mOCOlUYrhh8pGTTp2uWjkELx+btPlmTIUNggA45xk5rIguMy4PHQZNLHhhXk0Xxf126+B198QW0vTVmgWWZLPMphKxztEQzZBDEgtkDHbtXpGnS3U2m2b3BhF08CvIIAQikqCQMnPGcZ/GgDgP2k7K9u/hHqX2VZZYYLu0nvIoQdzWqTK0owOTwM8ds+lUv2iJl8ReBdNtNIeO41LV9YsX0hbdgC480OZEI6IsYOSOPmxXp0e9uDIAT8h3DPByCD7EHGK47wKvh7U7KDXfD2kWunNN5sa3K2qJLhZXicZzkKWjzxng9ulBJyvg6y1q++KHxbfStas9Ojj1e3WRJ7FbnLfY0+YHeu3GCOc1ufs0zJJ8FPC+GU/JcZZcAZNxL2HT6V0UfhvSNOacwaRYRSXqCOWSO2jUyqzHg8DcT6Hrk1saFoVtoimLT7C3023xzFaQLFGMfw4XqB246UAa/3cA9ad5gX39arzyFFVwdyEnGBxxjP5ZH5iq4mMkfyjBL4x7UFF9pB2FDMOM9Kqx7huGcnNSfvTvUIThcnjt60ATq47A4ofEjIoGXY7V3dPr+tVzJ8q454z8tc38RJtQt/CN82nXVrYyFQJrq+uTbQxwZ/e5kAO1iuQG2kDOeoFAHRabqFlrFr9qsLmK7t/MeLzoSCu9GKOvHcMpBHtVvbjnrXln7P8l1a/DmGKW3tbW2bUb57L7DIzRNA1xIQVZgMJ/dK/eXB6mvS1ZsnGSPYUASvMI+SM0/NZ0hkkZkX5lBUcc85zipsPI29JMR9R70El1TSFlXOarPJ8jOGO5eOnFVZJHeR1LHp/Qf4j86ANEYTp0pfM3cHmq+7y3hTOdy5HvxUU00q2/7stlpNmF6igC4cK2AMegpyqxBIU46dPavOdW+J0j6pc6F4Xs28WeIIWCywRuEs7XgHNzOAVXGfuYLnsB1rOn8H+Oo4/7fh8Vyap4qtW8xNHwItImjPW2EZOcsM4lY7gw96APWI8YByKl3fLiuS8GeOLHxroj31r5sLwy/Z7uxuvlntJRwY5AeQ3fnqCD0NdErv5rAtkgYx3oAsSSBVyTj8K5T4karq+k+Bdb1PRbuO21CwtpLlFubbz45lRdzR43DaWAIz2610U8xCoOMlgAPwrA+JVjc6h8P/EdnZWUmo391YyW8NvGUBZmBC8uyqBk8knpQByUfxcvfFHgZNQ05k0LxLZana6fq+m3MAnNrNLNHEyhWOSp3lkYcYXFX/Dfi7Wrj4oeMfDeo6zZjT9KhtDZTfZUjcmdGbLkthsEAbQAMYOeayviN8L73xNrGieKtAWTTdUeexTWrCRwFv7SO4ikxJhiPMiKhgc8hcU7SvBZ1D4xeMtZ1zwkt3pN9BZpZXV5DaybzAhVwBuym4t6DOOfWgR0Pwa8Yax4y8L3upaxdWt1dRand2SfZLXyURIpGjDAgsSWK564ycDiu+85do2n5f4eOo9a+cfhn4M8T+D9Q063EmraLfTeIJrxtJ+0RmxXSXZmc+VEWVTnCZJ+8VC8LXvk8kjeYd3zE53Zz1560DL4Ikzgg4qJuOTUSzPGrAEY25z71FJIy5DPgbc80AWY5gW+Vgx9Aam+0YXpzWXAztJGqkfOM57ip2nlhhJX5vn2njNAi4GEpBJINWFU4B9eBVOBv3jZFcx8T/HT+AfCcl/Fbx3V/cTw2FnHMDsaaVsIWA6qp3E/lQM7HliMd+g9aY0kXU44746VxF7pvi+1WxaDxN/aIF1AL+3vLK3WNoS+2Qx4HyEAkjduzhhweBzvgXx5farceNbXWfE1pb3mm6hPptkJY7aCUKiB1kZcDc5J2njBxgAHmgD1LzQrAbhknp0q0ynaDiuA+DnijU/Gfwz0LW9YuVub67R5mkiiWKNArsvCr0zj6888128kzNGFXg96ALMcQVc5p3G7IP4UyGY7CpGcVXmmkTcyjj0oAtbhI/wBOtNMiRsQRuPWoYmbc56HjI/ClfMsyH7oPAoAeLhMnJA+ppTjqBzUFxbyOoGAAG7d6tBdvXj60FEZJ2jPNQyyKo2gcjvUsrOrqAcCopo/v5Iz1oJEhkzkE8fSkWRWzimK3l7QPSoFLKrEY5NAD5SPuiq7q4wB0okkkjfe2CvQU65Zkj3Jgk9c0FDXYRLkjApscokUgDIqjdTMFZW7YpI52WQKuACvNBJe4+6OlJuEecGqzTF9gH3s1CkjxtJufPPFBRe5bkVE10rNgmqxklLYBOPpTY/3ZYtzmqA0EZWyOwo3ZXCiqbSHnacU+1mJ68ZpgWNwX71JJIEyclRj0qpO7bnIORwR+Qqm08kgI3Z+WgDSjmWXkcg9KGxjjpWVDcOVUqDjpSG4Zo2O7uM/icD9aos02YYx1NU5lVsuBkjpWfcTMFLbyCDgU97rzLUNu5PpQBPuOOmKqXUm3qcVUkmeTaEyxPpUNy7BVCncCATzng9DUgWmbCgHg1UlmUOQ1R7ywJJIZeMVVuFLNyaoD0xLcbgTxTZJUsw1w0ckwiBk2RoXcledqgdc4p7MfWnRqW6nFZEHzPD8L7i4/ZuvrE+E9TbxfJ50EcLQzmZpGnZ0bbkKU8vGeOvB5r3Hwb4z0rxEr2Fu01rqFrJ9lNldoIp3eKGKRwEzk4WVM49RnrXVfdYMDg9m5zmuf8SeCdJ8VW8qTxSWt01vLbJe2bmKeJZSvmlSBjJEa8sD2FAG3DbhbgBQW+cA9/wCL/wDXXybpvgDx74i0bwdd+HLtoNKW5ugg+1FRHJ5t2ryZCnyNyN5YdQzEsOgFfTlncappEm3Uv9Pt3kdlurWH503y4iiMKk7gqdZARjBOMVyPwDvoNQ+FujrbXENw8JuFmjhlDtE32mVhuA5HBHWgki0NYfGHj/xXY6hbR3dhoMNvYxW9yPMVp5ofMmkYZG9tu1Axxgbum814x8D1XUpvhhaaRFdaT4h3Tajqmq3DFEvrBZZFMKjcfPJ2qDgfJt3d699sfDN5onj7xBdWS3C2viaGJnuoU3PZXMMZUMQeNrLgg9Ayc/eFUdO+CVhp/g/w9okOt38Vz4fuftOl6xDHHHcQ7mLOjKAVdWych88HA6UAWWvhoPxotdJij2WHiDTJtSNupG2O6gkAZxj++koDepXcetd3HbpEoVU2gdF649q4WazS18XXnjbXpvs+n6HpZ0u2nmj2+czSBrifyx2b5EVf4ucdRXZaXqjX+lw3T2dzZeaqssV0UEgB+6WVehbGcdRnB5BoAvKoKnK5H5V5v4w0i8tfil4a1eeSLUtImuYtPj0+OWWOayk2u/ngK+yXOeQycKAenNejr8sIkJ2xY3GRuFH1Nec6t4z0i58TXFv4J03S/EnjaZALi9hK+RZxgAK91OoOONwCA7mxjAAzQtyjpfFXi7S/Bunw3WpySS3Fw3lWWnwqZbm6kxxHFGMlm+vyr1OBXO2fgTUfHF3DqvjuKNLaEiWx8Lwv5lvbnHD3OOJ5R1IJ2KTgA4ra8H/D+Dw7fT6xf3b6/wCKbqPy7nV7tQpC9TDAoJEMIPRRycZJ5rrB3xn6nqfegk81vPAupeA7yXVfAsSyWjHzrzwvK5SGZv4pbZv+WMxHb7rZ5CnNdR4R8WaR420ue40wur28gju7G5j8q5tJT/BKmfl/kRggkHNdGwHJ78Y/PqD2Ncf4w8Apr2oxa3pN62geK7bKQatboP3qf88Z4x8s0Z688jORQBm/FPWNQ8Lx6LqdtqUlpZLqNrbXMYsRPCY3nVZHmfaWRQp+UqVAJGa7+WHbI+/cOSOTn9a8Svvij4cu9VvNG+IOoXXh/WtLESXuk28zzafqHzCSN4wiM7k/Kxj4YAgHPSuvX4l61r0e7wv4E1i8B+7ea4yaZbY7HDZlI9lQfSgDuvs4DY52nnHrXlvxq8WSeD9U8Nzahd6ppXg6czx6nqej8TW0uF8jzDglYvvHKjkjBJHFdNoOn+O7rVLa713W9IsLGNi0ml6NYtIJRjADTzZbg/3VH9au+JbPxG2tWlzpKWF9pX2Sa3vNM1C5eIOzMu2RSEdSQqlSGXkNxQBlaHryaD4FOr6zrM3im3SeZ4L+xjN1LeQvIfIUJGoBbBUYACgg5qk/h/xN8S4/+J203hDw1Kdx0mznzqN4vpcTrxCp7rHyc4JArT+FfgIfD3w1caaywQC51C4vfsdllray81gRDDu5KptGD3JJHWu0SQ4G772MnJzQBn6J4X0zw1pMWl6VYw6fYR/dt4AUUc5PHc5ycknJOc1eWEKCoXAPXI546Yx0INSbs+9OoA8+8Z+ENStNbHi/wqir4igRRdWTHZHq0IJzE/ZZAPuSDnPB4xW/4N8Vad4w0aPU9NZlRiYpbaUbZbaVeHhkXqrKeMemD0IroG+ZSMc5HucdiPQ5rz/xd4R1jSdbm8U+Cvs41yVBHqOk3T+Vbaqg+6zMOElQ4+b+JRtNAGj4/wDGUmgC10nS7NNW8U6jlbHT5JCqKBkGeY/wQxklmJ+8cBcnIra0XTbuy0CxstQ1BtUv4YQtxetGIvNk/iIQfdGeAOwArC8CeCW8Nx3d/qd22qeJ9T2tqOpBQoOPuxRL0SFOiqOepNdiqjaAAFAGNq9B7D2oAWH5QMAgYxUMlojvuI5B9asqOKULyc9aAOZvvhn4c1rXl1y9sZJdRDRnzDdziM7CCuYhJsIBUcYHPJ65roJLUScvuLNy245Oal5XjOKevTmqAjW1RYzn8BURtV3HOW4q0cnAxTlXmpApLaBZNyLl8Y47e1Si18z5dhzncce1cX8erGO9+DPjMSpG4i0u4ljMgzskVQysD1U8HlcGvK/HmpWd54F+GkA8KajpqLq+kxteXMUSRuj43KGWQkhy27DDnOTzRYR9HxxrHzjmuQ+LHgE/ELwfNpsF3HY6hDcw39jcSqWjjuITuQuB/CeQSORu9q6pVEZ2IVCp8gVeMdsYwMelWIWzIi5wScD255/lQM4mz1TxNqn2aC98MNoF0GX7Vcy38U8CgEb1i8ti7k8gBtgA685Ncv4F8D3un6l42vtb8Kxyf2lqcmoWMU72twzxlFHlE7zsbIJwTtGc5zxXV/CnXr3xV8PdDvtSn+06hNG/nS8fMVldAf8Ax39K6vJ346t0xQStzwTRvDOvfDP4c+DZdRt9a0ybRdShhvWs9TR4Irdrglm8tGKygiVVbjcME4xzXvX2UguhOSCckdzVK78IabrWrR39xYme7j2KH82QoChJRmjLeWxUtkZU+/atfaY9gKGMfdCkYxjt+Hp2oKC3t/LHXI96Uwh8nsO3rVlV+U+vSmqqq3zZoArNbgZPOTT/ALOrFTyNtW9gkwEUsewAyajl3RyFGUqR2YYNAEDQ9OT7VzPxC8cRfDvw62oyW0l7MzqsVvGwTILKrOxP8IDDn3FdWuSSFA2knPOBkDJJ9gK8A+LmteGPGpvhb6lrljHJCmnHxFCZBookEm9UkK56ncu8DAYLmgD3ry1J27SAvAyc8dufpUVxahmJz2pthClvY20azSXCLEu2aSQSNIuPvbgBuz61ZOOMUAZ0lnuVP3hXb0pjQn1zV11LduKjaMr2oAoz25ZgwLHbztHQ0xomkUqT94d+1XejVQvLuCxw9zPDaoeN88gRT+JoApLYqm5WYvnvS/Y1Ug85PFTlg7EqysN23chyM+mfWkkmWJWeR1ijUEs7sFRR3ZielAEMkKxgHONvX8TTXt12nIbJOMYrgr74mXniO5msPAdhHqrJ8kmvXgKafAc4O0Dmdgc/KOMjms68XxZ8LW/tq+1i78a6FIN2qwSQjz7LHPn26r1iyTvj7AAjvVWKPSljG0HdkHOD645NMdBuAJNeY6b8QLnwnqVsdZ1Ya14P1iUPpXicsp8l3Py21yw4wSTsl4H8J54r0N7ho94PAVsfl/LjHFMDSVF2+tct8Tr7VtD8B6xqmhXYtNUsYvPhSSBJYpyCAEfcflGT1Fb63SqmWOD0rlviJFdeIPAet6fY2j391eWzwRwoyLkkjBy7KBgjOQaAOOj+LE3izwDc31pK2g+JtLvLa11XT5Ykk+zyPMkb/K/8DKWZWAx0HanWvjC5t/i9rXh3WvEdvDpFrp1vdW32wW1uzNIWDAttG4LtyB278VW+J3wxvfGS2HifRUbSvEsYhjv7OTYBe2yyI7ROQxBdCAVbJztx7Vb/AOEXvJPjZqmt6h4fW40O502CximuHgkw8bs+duc4w2PqM9KoCh4J+IV2fDvj/XNZ1P8Atiz8P3d3BbqiRIHjjUMjZiXDbtwBOffvVzRtN8U+LvAMWrw+KbrTdXv7b7Va2scMX2SEsu5IiuwsRjau7ceQTxnFYXhXwdrlvfeNdC1Xw9FaeFPEtzd3Quob1PMh81UUIYlPXgNkccVveD28ZeFfC9l4cuNHttQuLONbaDXVu1WCVBgLJJCR5gbGMqOM5NAzP07VNZ+IXjHxHpf2250Sy0B4rJ47KRY5JLgqHZi4U/KpwAo64zXO6p8Wtb8NPrXg+5nS58RQavbaTaaoyBcwXC7lldR/y1VAwLDgnBK5Ndlb+E9X8H+NNX1zTbaHVrbXo431GyadYJIblU2+ZESpUqwzleCPfpWLrXwVufFFpreq6ndx6b4n1K/h1KCWHM0NlJACIUxuG9QDg4xnJwMCgo0fGPgXVrfw/cXGl+K9bSa3ilmuFnvWbzMROfkyBtZWKtt6YPbpXmuofEC3vvg/4ZuLfxFqf/CQy3dkZ3Et1H5xkdRMrNjaVO/O0fhxXqt1N4z1zSp7G8s9K0y4aFlmlt71pknyrADBjG1ctnG0ntk9a5O4+GHiK9+EuleD2utPhubQ25M7TSPDIIZBIpA2ggkjoenbnipA9Ut5LaELaR3EbzRxrmMyhpdvQMRnODjvVl4w3OM15XeNb2vxK8M6laxaZcXmJ7e/+xSE3MDyICZHbOWTCBQGAPzV6Yt0piULHjgcDt7VQHokShup6DNTbjuA9P8AP9K4zx549k+H9vokw0kaqmpanBpsS/aBFsnlJEZwVbIGDkjkcUmoePprX4l6b4PGkK7X1lJfre/a8hYkYI/ybcsSzcHPP6VkQdkct0NMA8xxGeRn7p6Z7EnsKwPGHjiHwu2nWsNrLqusarM0On6bCyoZ3Vd0jljwsaIQSxyMcVzuvS694xul8K3trJ4ZjuLdrqfUtNuRcrPaq6pJDG+EaJ23r0BwM7c8mgCLVL65+LWoXOhaRcPaeELR/J1fWITsa/fODZW7jkLkESS9gNq87q1b74L+CrwwOvh+3025hRUhutKZ7K4QAABd8RBGMd2xXUaHpNnoOk2umadax2FhaoIobeHASJR/6EfU+uavtjbxQB5+PBvizQVb+wvG891Epyun+J7VL2I/7PnLtlUe+WpzeOPF+g8+IPBEt7EOt94ZuheqO5JgfbLgexbpXc7d2PWp1VgoAyO3y8EZIoA8T8d+PYPir4dOjeE/DmueI7mDU7WS6juLM2tuDBMsj20sk5UKSAcgZI4qz4J8GfELTdNurRdT0nwhp017PdQW9vE2pXVrHIykxB32xgDDEYVuWNdN4bUaR8WfHGlt8kOqwWmvQxjjPy+RN+O6OL/vo13QXOd3XJ/nQScDB8F9C1Blm8SXmreLp+G26zesYAfaCPbGB7MpqvDoth4D+L2mjTLG10zS/EmlyWBhtohHELu2YzIdoA+YxNJ0/u16R5e3nORXE/GS1kj8EjXbVGN74dvINZi2jLFInHmqP96MyD8KAO3U8nkn/e6/j70/dUULxyRrKjfunUOrH+6RkH8qnVOSO4ODQAnO2k8yOFWlmfZEgLMSwACqCxP5fyp59q4b4y308XgG50mykMeo+ILiHQ7YjrmdishHusQkbPbGaCjzjR7eXxRpfhKKYMLvxx4hfxNe/L8yWEH72IZzkAqlqnHB3H1r35syMSc5J5GeP/1V514PsY9T+KXiK6gVV07w3YweGrCJRxGxRZrjH+6PJT8K9FX5uR0PP50EgBtGMYpQu6g9aUfLQAeX6Uxl+Y1YX7tCqMY2nNAESKNuaXNLtK9qAm4g5xigByp371E0e456VZ3de1MK5oAh8tcZzSr1pxXikC7eaAFyRTs/MKaT0p2M0ASfK3HcUw5/KnIox70eWR1oAElDcY5px+lG1cZ6GgfnQBheOPDB8aeEtV0P7Y2nJqNu1rLdJEsjLGwIIUHofc1zfiD4Xza/4T8P6BJ4gktk0e4trlLiOzVjM0H+pDKGwBx82Op5716GuOQTikVVDGgDziz8Zax4TuDa+M4VFuxmlXWoY8w/PeCK2hKoGAYo6N1zwfevQ7FN81vtZZAZAoKNuGehGcfp2pzQq5G5FZQRjeARnIIGD7gEe4rm7y2034eaVdatbXkej6RZxmSW3uTvtUJnMsjgHDecxZwBnqQPagR5Ba6V4l1r9muwtfCzTNdg3yzxwyhRNb+Zcb1KbSZCflChSG3bcHitux1XxVoPgnwp4d165uG1rxBrKaeboTBytoI/MYJhFMWUXYFIypdtxJ5Mfwx+Itj4J8G2mn+K9P1rw7H5080F5f6dI1pJHJM8ifvF37PldchguDmuq8Zra+ONJ0XXPDN5Z+IJvD+pxaskVjcCXzo1G2eIleQTGxxnnK4oA4/4iSQeD/GUt74t0zUbrwFPZQW1hqumvJt0aRQyyb0jYMA2QQ/Jro73WF8BeG/BfiGy1d9YsN9lpV/eCUyJqFnL+7SbJ5Lq7qQ3UhnB5xWxd6Vrt/qWq6poWr6fPpWtQRB7HVrB5NpWMqXwrDk4+ZDxkAdQawbz4Xx2XgTwl8PbBpJ4ba8tr28unTiOGGVppGOOAzybUC+hJHSgZ66sxVvLxjb8vHTjpT2bjk9aijQsd2OWP8PqfSq+qatZeHbV7jVb+30qBRuMl5OsIA/E5NAGF8RPD2p+KvDjWOlXtvaTeckzrdGRYrhUO7ymaNlZATtJcZxjFUND8baRo/w10bW9S/4kOmm1jxbySNKwOMCOM/ekYnpnkgg1y3xA+MHge+0qMw6a3jN47iNbZks3+xJPJ8kbPdNhUG5gCVJPze1dB4W+HUy6rFrviqaPVtfiGLWBF22mmrjGyCPpkDq7cnnFUBTj0vX/AIqkvraXHhvwey/u9H8wrd6hzwbhhzHGRz5Y9cnqa763020tdNXT47K3FisZt/shiURGPoUIH/6j65q2VAORyf0o6jJ4NSB5tJ4a1v4bM914Pik1jw2pMk/hd5cS25zlnsZG+7xn9y3XPFdj4X8U6V400r+0tIufOhDeXLC67JbeTvHIh5Rh/dP4cVrrjbwTxz1/Ue9cZ4m+Hw1jVv7d0G/bw54sRPLGo28YaO5T/nldQjiVCB1wGHZs8UAbXirUb/S9Dubywl0+2a3VpZbnUg7RxIoJJ2qQSei8H+L2qDwh4gk8UeENF1eS2htZL61jnMFtKJYlJHIRgOV9P5nrXnl58WfGV6t3omjeDTP4r0udY79SUm0sqY9wIkZw2WUqdrAkDg5xmm+DfBfxG0vw7baTJrOieF7OJ3fbptqb2YF3Z2IaTCL8zHGFPGKoD1iRW2EhWwOrY4ryD4x6LrkHiLRfE2naHb+MLDT7WWG80CUoZgshBFxArAq7fLtIPZRjOeOu0L4cxaXrEer3ut65rupJuCzahfuUXI6rEpEYB9MU7xN4Vu9Q1qz1rS9bm0a+t7VrVo1t45YJ0L7yJEIzkHlSpGCDmmB5l4F+KngzR/Df2Xwna3+q3d1c3E8Xhu3tttxZu7FmilySsaKxYZY9AK3h4E1jx20dz45ukayPzxeG7Fytqnp5zjmY/wCyfl5x0rpPB/gW08JnUbhJTearqV293falKgR55CT8wCgBR/sj9etdDuULyOe+TmgEVbe2gs7WO2t4VgtowFjhiRY0XAwOB0FSyHEYJK8HdtxkehOD1J6Y9KR+TxS7Q3B6VBZ454w8Lx+AWv7+x006r4Fvy7a3oCKZDaq3+suLcdSpzl4xyPvLVPwnrdx4JuNO01rqXX/B+qbRomtROZWgYj5baYjOV6hJf+ANyK9rkxGflAGOc7c/hjvnp9K8r1Pwprfw91C51DwXp8er6NqDM154bkuPKW3nI4nhZuiMeJEHJ6iqEafjjxu3htbLT9MgGp+ItQTbZWK5xjBXzpB0WNCOPfitbw2mo2+iWUOpzLd6ikYFxPHH5au/che1UvAfgmXR5LnWNauBqXijUm8y9vCMhARxFH/dReBjrxmuxaE4Bxz70wKY3uQACp706dT5fzAtzV6NccEDPrRs+bpkfpQBkyKWXOMjPApDCWXPStfan91c+1MkiX+7QWZMm/I+Qn3xTriJpIMfxe1aLRqO1N2gdqoDm3sZkndgCQVHb3qU28m4ZDEDkdsVruoyajaMbetSBhTaVG03niCETn70ioAzfU0htXVuBgVrSJiopFqgOW+PrLNpvhG1Z7iMt4ksppGtBIHjhUkSSbk+6VH8Wcjis6ztYdF/aJ0pYLu/1D/inbqISalcT3UaXLyoyJ5hPGVUNjPQZOM17c6/Oqo2wHg4OOv4H0qK6s5Li3kiS4e2MiMFkjCl42Kn5l3AgHmsiD54XxFrUnxasfFGryrrWkeHZbvQru60/T3iltxPCjrPJb8sE8xXXcOqqT617r4f8VWPiSVv7L331mse974ROlvuLBQq7wGfgMeOABj0pfD3hZNBlvLmS7m1LU74o1zf3SRpI4RNsalYwF2gZ4xnJyetdArHbkk7iNxHByfc0AIN2OeT3LdT7mijB6mjuaAHxrk+9ObKtimqcZNKuWOaAOE8cRDS/iR4D1wDZHcy3GgXLdARMnmw5P8A10hAH1ruGGwDsO2a4X46eVF8L9U1B5o4Z9Jlg1S2kkkCATQypIqgnuwVlA77iK2td+IvhfQbG2vtU1/T9MjvIlnhjuJ18x1YBgFQHcevYUAdH/DUM0c9xG8Vpcx2d1ICkc8sQlRSR1K5BI5HG4cE1wsfxSl1baPC/hLXNfLfdvJoRptqPfzZvmYf7qGuu0W81X+yY7jWbKGHUVDPJaadKZUwGO0Kzbckjr7/AIUEnmfgX41an4r8Ja/HfxQ6R4z0qyk1HypISYLu3UMyXKJu5RsbWAY4Neo+GZ7y+8P6Zc3bRy3U9tFNI0ERjTLoGwFycYzjr2ryDxB8JtW8UfCrSjZwyaF470SymhtmmZHMu9GDwO4Yjy5AeMn5Tjpmu6l+GVprNtYy3mp+ILCaK0ggaHT9YmgiG2JVOERsA5HOOpye9BR3Db8gBGB+leZ+LNTt7j4rWct43/Eo8F6Nca3eMTgLcSho48+4iSZh/vCrn/CndMC4HiHxd7f8VFcj/wBmryr4mfD3S9FurrT9G1TxQ2ratLDaXb6hezS6fqLFcpZTzMDtZ0GFcbsFgDgGgk9a+D+j3Wk/D7Tpr9Cmr6oZNXvifvGe4YyYP0UquPYV3C455Fc/4J8XWfjjQUv7WIwTRsLe80+ZNk1lOB80TD1Xt2IwRwRW9uB5Jz6H1oAcO9OamjjrxTj94DuelAD1an7vzqHeFHPXpSrMuffvQBIW3UbdtC/NkngU0Md59KAFDZNOZTkUw46gYpQ56GgBOfWlB5wadtGM96Yc56UAJIPm45FKvByelNZscUK3YmgCfzFWkMm7imEj61Hu+bigCT+LFP2jPeot1Cwm4ZYxI0Zkby/MjC7lyOCM5yR9KAJW+9xTsjggg7unvXzTpPxa8TWehpcx+KH8SeJU8RzaZ/wjU0MLtcW0dx5ZbEaCSPag3byVHWvUdR8U3/if4oan4P0u+l0jT9KsI7vULqBY2nmklb91CpdSqqFwWbBJ4A6UDex3mqatZaLpd5qGo3UVlp9rEZbi5l6RIOST7HoB615zpOmXvxQ1i38R6/bSWfh20cPomhzqcuw5W8uQfvN1MaHhchjyaLPUn1Lx5qXw/wDFqQ+IYobeHXdOvru3RWljEhUiVFCqZI5P4gMMG55zXpPmbvvdfpigklt7iRGYq5BbqV7j36Zz71yfiL4T+D/EVwt1c6Bb29+rEi+05mtJ1OOoki2tn8cV1S428daPqaoZwK+BfFOgYbw943nuowVI0/xRbLqEZ44/frtlXoQPvdKon4jfEBfEtt4Zm8MaBDq9zayXsV62qTG1kijbazKmwuSC4O0V6WrAS7ipIVSxH94dx+n618wJ4q1ex8W/DjxdrywzjVr24ae8jlkY21vI5tXt5YmBVVUvCMqV+ZWzyakD3CHwh4q16N21vx1dW0cnW08NWy2I57eaxdyMdc4PWrek/CPwfos4uE0SG8vc5N3qDG7mY/70hOPyFda0gjlYH7+Tu3HJz3z70/hjwcetAGD4w8LxeLvCWsaCAsEd/avBH5QChHxlD7EPg5z6VU+HvilvFngvSdVmiMF48IivITgGO5jJjmU46ESK9dUCseGHUEf5/SuI8J6Rc+GfGni2z8iWPRL64i1SwmHMfmSqFni+u9A2P9snvQB2YOeabIetMjboByP8/wCP60/cMmgCONS3Ga4LxJq08vxW0LTEmkg07SdNuNX1HY5CyA5jjVgPQb2/DNd6WyyhOrHaPzH+NeE69qsmqeHfiBrsJ3XfiPU4/DOmhTyERhAWU+mTOxx/dzQB2nwbWa+8K3XiG5DLdeIb6fVX3HLBHbbAn0Ear+YruZATkZ/KoNF0uDR9Ks7G1TZbWsKQxr6KqgD+VWnwvPSqAg5XINQTMW4Ap11Kein5qp+YY2KsxJ+lMBZm28VXDAtgiiR2fgE/lVZt8cmSagC3wehqObPY0CUL70jcscUFEZJbg9aiPyyCpJDtJNVWnDNjNAFlY+c1I1RxNxSlqoALYo3EjFRyHNOXkcUxij1pd26mDjqaXcPpVFDZBzxTG+7Tmb0qJmxQBG3eoHJDVYLBlPOKqyEjnOaYDJD1qvI1TO27mq0zcmkB3ezv1NPGeKaOtSp0NZEC4B70bdvNNHen5/KgBu4+9HWncdCaa+E4B60ACzBeOtVdW1iy0PSrvU9SuFs9PtY2knmkOFRF5IP49B1JOKytc8Wab4dvLeyne4uNQuI2misLGB7icxjgyFFBwnYM2OelcvrzaR42sYfEkLX3iDT9Dyy+GoISryXyn5BPG3zb1BG1WGB8zc0EnL+INWbxItj4k8U6VLe207GHwr4MYZmvJWXBuZlPQsvPzfLEmCeTXRfDLw34Q+H9ta6RIfC1p4wc5uLfTzGJkZsuIlDEudqEAE9QM9DW14L8G31nfTeJPErw3Piy8jMZaHDRafATxbQHoFGAWYfebcTgYpl5oNlffEjTXSxhh+wQTahcXEa5aSeU+VGC3c4MzHPPKnvQB3a/vQd5YE/59TTum04/i59xUcPQH1GcVK3zD0HagDlvD2oXtx448ZWFzdtcWNk1kbaN8YgEkLs+PlyeRn8a6n+EZJz33df5Vl6f4astL1rVNWgab7Zqnl/aS0hdD5abVwh4X5eOO9auQuQQM+xzQBH+NcL4outb1DxhpVofC93faDYzx3KXi3cCxPcDO2R1Z94ji3FgqrlnGecDPcSN6UcsPagDi/E3hG+t9eh8V+FWgi15dsd5a3GEg1OAN9yTH3ZEBLI/Y5Brp9U1ix0HT59Qv7yLTrCEDzLm4kwgzwoJPJJx0/KrZBHTpXlnxYJ/4WJ8K47oL/Y8mqXHmrJgRNciH9wG985xnvigo7nSfHWg61qSafYams2oMnnCyaOWCZlUjLhJACV+YDI4qK3+IXhu61CPToNctXuJJDboQG8qaQHBRJf9Wz5/hUk1y/x4t3T4e+Ib603r4jt9Lu49OfP77DqPOCLgEtsBJ9OKwvHtvpDfsv3rW4jh0uLw7FcWTx4wsgSMwlSP4vMI6HJJOaCT0fW/Hnh/w3eraarrNvY3O1W8l2O6NGzteTb91Tg4LYHFTv400C31Sy019bsV1C9TzLW3Eo3ToRu3oAfmBHORmvKv2Ubq+vfBesXusmWTxJPrlwurfaVAl3hY9qOuDhdnG3jjJrzj4azazZfErQbfSoLe9trPUPEttpa3k8kcItVMZJDqrfdO/B9c0AfUlh4s0XVNWuNLtNWtLjU7cZns45A0sQzgFlzkD6ithc5OTntXkHwyvL+X4z/E59UitYL5oNL8xbWZ5YyDFJj52RWJICdhyD1xmvXPMLHByT7nNBRNuG31pp9RSLSM2DQSPYnGaaGz1ODTfM7UoUE0AI33vWkVctUm2jbtzQAbSM8VGoPPFWFYEYIpmOuOlAEZU+lCyNC29F3uvIXO3JHO3PbPrUnGCM81AePWgDwnSfg/4hsdNuNRitbTTPGGl67davpV19oEkNxFPLua2mIUkIykg49j611kPhvXbDx3H44tNGVrm+05NM1fRftaNIPLYmGaGUkI2OhBK5ABNeks2eKVVCjOP1ouBxHh3wvqN18Qb/xrrEA0ueSxj0uz09ZFleG3V/MaSVl4Ls3G1fujA7V3CZ2Lkc4GcdB7UuN30pR8vFAAGxQz4xjmmNSr0oAeWKlSjbWVtw9Qf7w9D9a5Hxh8OdL13wn4jsLHT7a01DUrWRRcRrtcy4LowbsfMVSenIHtXVt045I60+3ZlmRhwwII7Dv19RgfpQBh+AfEzeMvBOg61ICJr20jkmUjBE2MSL+Dhx+FdOg3LlW4rxT4afEbwr4bXxbpT+JtLg03TtVlms7hrhI1e2mJmATnLbZPMXiuoT4xafqQCeHdE13xZJjIl0+yMdqV9RNMVUj3XNAHoEkhA9u5ry/4veJPFHhDUtA1Pw482qRymf7ZochXZcwRxh3MWF3CRVLMMMMkV0ui6r431LUoZr7RdF0DSQ3zQvdPdXrAjs0YVF5I656U7xVp2pXXibwvfWdks1lp880lw4uURwssTR/KDjJGQ3vigo5/TPHUfi/xV4RvdC1eZ9B1XT7u4e0GzYXj8vCuNu4MPMYN83UCvRQzMoIVsE4GeeBwK8g0f4cafb/Ey48S6Dew3vhe8jvoNR0y3f8AdR3rhFkaPH3d+0hgOhXPetZPgD4HWNV/sIkbvvLez8+/3+9BJ6NNb3GGRVlQuCuVHIyOoH45/AV4+vhlNJ8Y+AvBcErSWnhy0m1a4klGDLIx8qBn9yWmbmtif4EeCbZZ5F0m7eNIy3lw39zlsclQBJyTXCabpK6H4kv9Q8E+HdT0jWdLhik1Tw3qVz5n9p2TklHhly2yUbW28nkFWxQB9BrIFyoPQkc9etRTSfLk8YrC8L+JrDxdo0WqaXdGe2YlX3p5ckUi/fSRP4HU/eU9DWrcK4hJbpQBT81mkZj26VKwEnOOajXbxT9y/Ng8jqB2oAhkXbVa4+cY7ippJOuKrs42licD1oAq+aVbHepvtGO/NQOyhgfXp70kkg3dMGgolWTzM5prxqqg45qvHJtp7zE89RQBNE/vQ8p3YqotxzgUNOOM9aoC0WyeKcJAoHPNVhMGXio/MOeaZZcLZPFJk+lQJOOnQ1JuP1qgHM2Oe9Rsxamsx8zHaleVQ2KAI5OOKhkPyipWIckg1BJhc55qgIWbGaqyNVhvzqvKvFIDubefqDVtWyvFUIcKxBqVp9vAOKxIJGkCscmmG4IL4PGOKY+XIODToYdzMT3oAkTMkYLN2qvNIdyhW77T/u9T+NPVGjO3OaJYRtznBoA818DwT2vx4+IlrfnNxeWum3FgJBkvaKjghPbzuuOhHNWPhvvvPjH8VNUtDu0eSWxtI3TlHu44/wB+wxwWH3Wx3U12mreEdH8TLAdY0211JotwiaZMlMjBwcZAI44JzWlpel22j2VvaafbQWFpCuIreFAscfrgDvQBYyOcdO1RBdsgZlz0z0HyjkD8yakYc8A47U5loAIWwqjPQAfpU2d1RKvrUn3frQAkmVwM0c9zS/ePPFNb9aAF4x1pyjaKiUZp+75aCRG71m69oOm+KNKl03WLGHULByrmCYHG5SSGGOcjPBBBBq+z03zFx60AYXh/wbpfhx5GtYJ5pWTyTLfXMl2/lYwYw0rvtXHVVGG9DWYnwr8NwNGFtJ2sYZ/tMOmzXU0lkkuchxbbtg5OduABnoMV16sG5zQ3zcCgDl9T8AabqeqXGohr2wvLtES7k029kt/tSrkBZdhUOVU4DY9fmximL8K/DketaNqNvazWVzo0XkaeltdyJBbxk4ZAgOCGx82ck9SSTmup80LximtL81AGTo/gXStH8S6pr9u18NS1JQl00t5Iyuqg7cLuIG0cAY710W48sRgk5OPWoFfpnipVb5aAJN/rSMe+eKjYnsKdwyHmgBJucFai86R5iqttAXpipthbApGg2yZHUrUgORyrruYkVZadW4Ax9az1hO7eWztqcsAOn0FUBOrfMfSmSMVV+xxVMXv71VK4DVPIu4FcmgCP7V6EE9yKdlljMnX2qNLURqV9e9BSRsjI2fWgB7ShlDdMinrISoB44qJrcx/6vBHoT0qSND/FyaAJk6UlOjXA54pCvFACfjS7lGM9etM71leJPE2n+ENMfUdTnaGDekSRopeS4kc7VjRFILMcdKkDYU+bIiKN2Tgex/wryvxN4n/4WI2oaTp182l+DLEN/bviBXVBcADL20D54XGN7k/7PWt7UPEdj4qik8MagdW8K3eqQuLY3G2KW4RcGURyKXG7ZgFCQ4DEgcVjr4FuNf11NKvdLbSPAmhTCK10tWUHUpI+RLJtJ/dKTwpOWPXuKcQOX0vVdIh13TvEr+F3tPDdtYtbaNa2ehi5uZYUKn7TIcbok5PlrnPLE9a9v0XU7bxBodjqNrv+x3kEdxAJE2HYygrx1HBHBrI8ZWF1feEtQ06xjdrm9jSyXycJ5KyMI3fPoqMx4/uiujtbeKyt44IlCRRqFRAMBQOw9hTAF3MwzmpGXcflJ3ZABH8Pv/P86b5wXIPX1oVs4OAe+49vpQUcP8MXRm8WpGsiKfEF3LGkkZU+WxUhh7e/tXaKpbHb8anf99y2T7MowfyoCsue9UBXl3RQuyx+e6qxWEuF8wgZVc9snvXEeBYfEM2qalfa9oZ067uirtd/2ik+4qcJHGq/dRVz16kk967pgWYZpY4h3NMDgNY8F32k+Kl8UeE3ht7+5aNNW06YmO3v4wcCXj7k8Y5VujZKniun1jVtP0Gznu7+5jsLKMfNPJhFxnAHH8R9B+Fa0qryBXjvxsaRPHHwsS6YDRW1WbzhJ/qjP5Y8jd/wLd146VAHU2PjrRNW1K2023vm+23CmSG3ubaaB3Qd1EgG4e4qrc/EzwtZXE8VxrEa/Zm8uabyZHghbuHlVTGpye7cd+avePtL+3aJcKNkerW4nGmSE7JFumikQKmP4iNw2++e1cN8CYbW8+C+gq8Yls5rOT7aJBu3tlln37hwTli2fTNUSdlrfi7SdFkthf3iJJcDNvbxo00sy/3kSNCxHuBWHqHxS8M2+kNqcutxppyTG2ln8uVzbyD+B12ZRjwMNg814D+y/dXK+MtZttTMzrDpMZ0oXKcixW4dT5Z67RgAnrgc039or7VB4u8VfZDtim8N28mqxqSB5yXSCFmx0bgAdyoxTA+gNS8eaFosOmy39/JZjU2VbMm2lPnMeijC9T6EVvKyvGrIPlYBhgY681418SJtfEPw/n1KLS1th4issyWLyh2LqwOVYYAxn9K9oXLjcw2seSKgoiPWmnPPYVNtppTnNAECrtyaRlLVOy57UirQAzYQODxSFW9asbRihUrVbAV1UjB71K02zGTij7rVFcru21JZXkuCxbt9KZDl8HcePWnLCWY84pPJ2E81QBBMwkYckVJI2Vz0qNE8smobtvlBzQBJI3GO9V3bPWljfdGAevvTZBtXFAHcBhnkc0BSz5x8vakhUbeRk+tPU7eMYrAgkaQAcihW2njvSMolUA8YqCRjbfNjcucZJ9smkBd2BunWopoWwfpTYmZlU7cFv1p0knmRn5O2etWBPENsYB9KfkqtU4pmMYwoOOvPvStNIwbCjgbevfrigCy04jxnv0pJrgRqDjNUFVypkbr2X8KlmV/LwT8x5oAtm4CqvGS1DSZXLHHaqakblJb5VHPoMVZmRVwTkZO0D39KAKSzuqzhmbj7pNWreUylFByQPzqk0RlR1H8XRqtW9qVVHDkYAoAn+0hXKnimNdYZhj6U2ZGXkfNUcaGR2Ld+1ADV3StjJzVdJnjkKEEgd6tG3deVPIpVszgsec0EjCcxnBwajaRlUtuPy0eU6/Lg/Wmvbu0ZXPytxQAz+0o+M5zTbS+86W4QycJjC/hVK6tWhUL2B4PrU9vC8e5iAC46/higDVjZiqg9am3FFH8qp26ssa5bJ/8Ar06aRtoG7BoAl+17i64IxR9s4GAarfedzgg4/pSwjauO9BRow3G76+lS7gzZJxWdDujLMOtHnzN95Rj60ElyKT5W+tEkgZSgOH9fSqkKvIGwSAW5BqzHEsS4AP1NAEcK/vACOR1LVdVhgkc1XkOF460xUYDKtz6UAWPODdqDVT7RtbDKc9+Kct0GyAjH8KCid22gEdKerDqDmsua7K8Devzd14qyl1uzlWB+lBJcaXbyeB70jTJtGWwT71nST4QsVPtmmLIZv3mMEdBQBpRv8x54rzD43K9tq3w71ydtuh6VrwOoOeUiDptSR+20HueBkGu/kmaRQfu/SpJ1W8XyZ4o54ZUaOWORQVZCB8pBBDDIztI70AecfGyKW7k8CWNgwfWj4itrq2EZyyQoH82Xjqm0gE9DkV6vJIGkO0HbnIz29qxdH8LaJ4dmebS9Js9Nll+89rEEPzH5v/1ADFbH3uQNo7D2oAnU46Uu7cRnIqAbvWpV6c0FEkm3bxzSRyBeD92oy3WoWYnGKANLzE2gDpSeYOecVTRXHWnMCe9UBNnNMkYqcVVuL6K1kWN2fe/QRruP41Lu+Wi4AzE1l+ItCsPFWk3Gk6taR32nzYLQyjgMDkMO4YdiCK0t1RyetSSc1pfgXTdDuFuLeTULmeNdsL31/NdGANgHZ5jkJwoBxngD3rI1L4a6DeXN+Y7e4sY79zLd21ndSQ287E5ZmiVtpJ74AzXbSY8vOcVkXkxWRSHwPSgDC1bwLo2sxaesln9ml04N9huLOQwTWgYAMI3XBHAxg5H41lXPwp8M6ho97plxazTW17IJblpbmXzZyPumRtxLADAwxGMV0s18fMYbvl9hUYuNy7lPHvQBzur/AA30LWLHTrK8S8uIdOZZLUfbZVMTr91sqwyy8gMc4GB0roYsRxIoJKqMAtySB6nufU9zVNr4yXOxeMVM8hHFBRYLFsYpTVOKUljz+FTLIScGgCZfmzSEbeM0m7ZyKT71AAzfjULzBOSakBA68cVnTEu0gB4xxVAWWvI1VSeS1H2gOTjkVlzRSSLFg42nkVfjCrGQOpplk64bkd6bcLtANRqsqr8mPfNMmeQxkY/OgB5kATmqsi+ZgjOamjj3RgsadtG3NUBVbKrk8Gq7TblGDk1akwpOaoXUa/eQ4oA9Bjf1NLJJ83FVkuFLbckfhT9wZjhs1gQWI5vzrJ8RW+p6haJDo93HYXhniD3kkQl8qLcS+EYYJIXFaMeGz61U3MWYMrNtPPHIHUYzx6/nSA858B+IPGOrXWuy3XiCzurLRtfk065tW02OIXFrGAXO6MFhJgsRjjgA9a6Hwz8SNG1DT9Atzr02uXutrcSWd2dPeEXQSRt+QBtUqBjnBwAe9UPhTomt+HI/Fkmp6cbY6hrl3qtoi3MTM6SgbV4fCtx39a4e+8Map4d+BugWrvDo3jbRb77TpMMk8c5kmecggbWJIaOVlYDpgntVgeqyfErw/b2P2g3N1IqSTRqkNjNJLuiOJWCBc7EPBboD3rO1H44eCbE5m18SH7DHqK+VbTTD7M54kG1CuB1JzgDOcYrkvFHwxvdD1rw1eWPh618Z6ZY6Y2i3unXFxHDKP3gkNyjOCp3sW3KAScVTuvAPiO3uvFSQ+G4Y4b/wgujW8emzQpAtwWkZlVWfKqPMAz0O3I4oA9T1H4k+GdFu4ra71eFGdIZfMiieWKJZmxC7uqFY1c8AMffpVLU/jF4J0fUr6yu/EEMM1ndLa3mYpjHbyHORJIE2qucfMTg15L4q+H/jbWNFawXw48wg0/S0s/Kv4YEWW3KGYTjO6Zsg7QSVC8gqcitXxZ4Q8V6xovxQhi8Ozx3PiG+sbmxQ3UBULCsSuN3m8co2OmRjgdKCTvdU+KPh668Oavc6d4qj0iezaOJ76S1kcwSSbdpEbAb1YAgEDBBz2reuvG2iW2tDSDdgXrSrB5SwSBBIVDiNpFUoG2nO0nODXkfxE8H+JNe1P4gyWXhu7kj1yz0uCz/fW4CmCQvIp/ecAKeD3PtWzc+Hddk+LsevaVpV9pEVxqiT6jHcPFJYXlssYPnFNxZLkcIuwDO3OeaANjS/ix4dsrO3utR8VWVz9tvbiKzuFtWhVtjtmEKF5KAYyPvEe9d14c8R6d4r0iLUdIu472wmLKsy7h8ynDAhgCrA9VIBFeMaD4W8R20PhL7R4ZvF+w+LtQ1ebfJC+23lEuxiBLycyjOOflb2r0H4P6XqGj6T4gg1PTrixluNcvb6NZyn7yKaXcpBQk9ME596Cjr5ZJNxUqMA460qSPGPuLj1zzU3lYYliWY+uP6VHJG688UEkMtxL0VB+dTfaGKgFQD9aZt3LnvUeTn1oKJwztxsGPrQxkX+HilhY7sYqfGcg0AZlwzt0jB+tRKz7fuED61oSQ8nionj2rQSR2rNIpLKV+tBdXbnrTWZlHFVSzK+c0AaC4anOm1QfWq0LdCc5qcyfw5oAkVwq4NM8wM3XimMe1NbCqSTQBYtbg7WXH8VW45gxI9KzLVidx7bqupcR84IB+tAEkh3E4pu0gAiommAXk4+tN8044OaAJ0dVlKn73uKWRgr5xzWdLdHcNn3s4Y1Y8/KDv70AJOoWMMRn5qsRum3kVSuJtyjA+UdRQM5BB4oAuSbGUgrx2qFVA47dqXzBsIPJokmWOFpNu4IjOyjqwGDtH1wP1oAclq8hCqjMGwRgZ6nA/WkSQ9QpK+uK8d+FOmwfFrwNbeJ/ELzT6xrck0puEuJIzZDzGVEh2sAmwKDnGD+NcvoHjDUvEh+G13qsrSavYeJ7zQ7u4R2AuPLhkXey9Mn5PqQTQB9GTSHcp6DOPx9KmjkGwc98de/pXjsPxKsfDWk6/qkXh68S3tfEMlhqKyXaOY5ZPKQzcnCxlmXIH3QCe9dR4g+IEmlzavb22kX2oGwntrVJbd1dZpplBAPdAqEEueFzzQB3ySBsEHIPSn7s5Hccn+VeLQ/HW2jt4rw6RqM8surf2G8MLRytFc/wqG3bWVhjDD1qz4g+K+nX3g3V7nUbDW9LOl6nDZXtvbOI7q2kLRvG5dGI8pg65xnOcEd6APYd2RntnGaRmCDJ4A79q8ZtfiBc+GPiZ45srmfUNVVpNNXT9NE5kl3SxsXESOwVVH3jgjGDxgV6Lq/imPQ/DtxrN3bTLHbQiaWCFcy9vkAA5OWwee3pQB0vnfLk8ZpiyE7sc46+1edL8YtNjh1X7VZ3djeabcwW09nOEEu+cAxFCH2Mr56seOfSqWt/ESKRtCjnt9a0W5k1tbKOOMAETjKiOUjKGJt2QQeduaAPUVj3ShtuZMFeR0pGI2k54HevO/AfxKuvFureJLF9DuLKPSbxrOOWbaUcoiZ3EE5ckkgYxgjPNXfihqWoWvw/wDEV3p1xNYXdlZTXEFxARu3IhYLyuCuF6AfTPWgo7VmKg54x19ucVE7HJz0rwHwb8Ttcm8T+Crax8QN4tstSsTcazbv5Uh05zGriQSxouwlm27CTwK9a1rxI2jwmV7G8ulL4K2Vs0zKfUqgPHvQBtXDHB5wtZV8qoPMdlRFyWZ2AA+prJ07xtFrN9Faxabq1vJJk+beadLDGMDP3mUCuV+Mui65rnhzTpdHtLfU7iwvUvZdHvJtkWoIFb92WzjIb5gD3oJOwkAutjWzxzLKoKNEwYNnpgjrmqsE0EzSwR3EM80a7pI45AzovqQOQK+ete8daZYeB/G+o+FrK88Ma1PNaW+raPcwCOWwZnZHdVzjDAkZXjJHc12fxK8MWXhn4XahqWkWkOl6zoUAvrHULUYmhkRgGBfGWBB2kZIOeOlVYD1No18ssrBVUEsWOAMcnJqJtStkVmF3b7FALN5q4UHoSc965vw78QbDVH0qwuLi1j1u9to5f7NZiSGMQZkG4YJ25+XOSBn1rzX4c+Xp+n+PbG38J3GqW7a1qCfaLRbfZtPCqwZ1Y4BzxnrUge42c6T5eOaG4QHBaFwwz6cVf3L2GDXl37PMit8IfDeyCKMmAh9vUsHYbs+/X8a9GkuHzgLQUW93HWmbsZ5qoryH73Ap+4Y4NUBOSGXrUKw4Jbd+lC1J/DTAiKdDjIpwVSwp3tSBdtBZIcA4FQ3AGxqkz8ue9V7lj5bZ9KAEj+6B2pzcZqGKULF70jXQ59aoBs67uh+tUbl49hX+L0qWS8VSeCT3xWdfMcCRAaAPR1XacgdfanhQrZwCTQp3DPSlH3hWBBMoCjoM1BLHuDZx83WpWbFR7t2RSAiSMDaAcgVWm8N6Rdaxa6vPplpPq1ohjt76SFWmiUnJCtg4HP1q0o25FSKTTACAMkDH5f0pY3LA9gO9IBuyKFVod3GQaAHx3AYZB4qXO4Zaq8MQjAJ5PpT2cs3SqAcmdxJNTLg9/wA6qvkcg05XOeaALLKOMc/jUiKR3wKijw3fpSmQhvagCXv1pWUOtR+YPSlWQE8UAJHGEbBGaSaH+5ipF5kpkh281IEawsOSMn61YjX5aZG27rUgFUAjKMVFLGGT3qbbu4xUF8sqR7ouaAKMw8nO7vVCSQbzz8o79quzMWYBkJ461kXEMi5YAiPfz6UEmjb3AfjcPzqRZh5gJYfnWTLN5U0ezvUyn5Mk80AahkG7qKjmmAXaRnNV0uAFyw5NSW5DpluaALENuNueDmrH2eLjCLn8agjcrgVOJMmgBzQo2FIGPrTWRADjj6U/zAVxjmmNQBXkhHl4XrTfJZlwCVqxtPpTl29+tAETQHy+DmoijRtknirbN0xTJFDp71IESzKwpVmIbK4ypByfxwPz61XX9ySD3NSwR/u2J9aQHEaJ4E1nwLHqdl4W1PT7XR7meS6trXULd5HsZHYNIIypwyZw4VsAHPJHFUf+FPvplj4OtNHvo0j0HUzqczXyu8t3KwZWOVOFJ8yRj2HGOMV6UrK3B6ilU5Y1YjhdB+HcsNv40sdbezvdN8SXUs8kduHVlWSMRsjZ6jCocjoeaz7j4W6rD8MLTw/b6vHc6vHcw3N1dXm7ZqG1vnicryEKBF56BBXpPc08sF5PSgZ4tB8HvFdmt0Le90ExSeIYNfjjjSWEKyBQyAYIA+UAevPfNWfE/wALfE2t6f8AEC0hXSki8SXdtdQ7rlx5QhWMYb91yW8ofnXr5bngcU8yADkUAeJ6/wDCfxZqPxCvvF+ntp2m60FtG06T7Y7orRgxzRzLs+aKVCcgcjYvrXpHiy31/XvAOo2enyQ6N4hubby0kExeKNiRkBtpIBAPIXI3e1dLvBjJA5Wol/eKp77uaAPDYPhj4ns9Q8Q7/Dvhu40vWYLMXGkm6kkRhEWWVN5QEEqd28dTjvmpP+FZ+K7HwxpdrEi3UVh4ki1Wzsr/AFESTWltHyIvOKneSWY9uMDtXt0i4k3gc4xUckbSYB6UAch4P8O6t4c8XeKpJIbU6Pqt4L+C5WYtMpKRoY2Qr/sHn8a0fHdrd6t4Q1rStOtlub6+sZbdIpJhGo3oVyTtxgZ6da3JMqoBcj2xVWTdHcLKBuUDaRQUeTaD8Odd8Hx+Hdc0bTreHxDZ2Uel6zpTXASHUYEUAOrgcOnUE9Qcdq9N1DR9P8VafFa6pYs8abXWBpiDG2PVG5x+vWrrRvIxdMjHbrToVxnIw1BJgab8P9C0XUor2zsGguIycSNPI3b0LVD4v0GbxHFp01pqcukX2n3BuoLiOJJvmKFHVlfPyspAwD245roLhZSRnlarSpujygIPuKAOAg+G8OpXet3viY2+uXOsWqWFyqw+TF9nToqrkkHock54HpimXnw8vNQ0KHRdR8S3WpaBCkai2mgAuJY0xiOWUN84wFBwvOO9doZHX5WU5+lQOpEhXqfrQB5742uftGueHINJljN7pOpRyyac9nui8t0KtKHIHKRtxjjPHWtXwp8P5/C512SHXp521a5e+ZpLVP3Uz9WH1yDiupSJzHgptI/iHXGenSrSqSvXt61RRyvgDwgfAOhxaNHqEuoW9vKxikmQKyhiWPA4xknHtiup9DjFV3VkkyAT+FTqc9aFuBKcbetQSNtb2qbblT6VVkkHKkYpgS+ZnpzTTMdwGaymmZg+CV5p8Db5gr7qANbzO+cmmtNnvzWb5pSYqCSnb1qdkKhSpzQCLazADrz6VDNKZWx1FRTRsIw6nn2qW3XgZ60FjvJAUGm7cds5qYrt+lQu3JxQBWlj2c4HNVpIQ3P6VbmO5RULfdqgO6j6U9fvUUVgQPf7tRL1oopAI33hT17UUVYEkf3jT5OpoooAjooooAR+1C9KKKAJYu9Pk+7RRQAn8NEP+sNFFAFperVXn/1f40UUAPjqZfuiiipAcvWobr7poopAZU3emt/x4S0UVYGMv/H0v0q0v3aKKCRJf9XVu1/1ZooqQLNSJ0ooqgJaafvCiigCX+GoB96iigCSmtRRQBSuP9YKuR/6n8KKKkog/iqaLvRRVEg1RzfdWiigB6fdpzdBRRQBJH9w02370UUFDmpW6CiigCvcdBUDfdFFFAD7f7tNP+saiigBZP8AUiqb/coooJKEn+saqr/8fAoooAmHekjoooAG70yiiqKJV/1dULj77fSiimBm/wDLN/rUv/LeP6UUUAP/AOWrfWrC0UVQ0Pb/AFYp0Paiigomf7tV2/ioooArN92m/wAFFFWB/9k=)  
Хотя тиенамицин обладает очень хорошим антибактериальным эффектом, он достаточно устойчив к ферменту дигидропептидазе, обнаруженному у человека. Но молекулярная структура пенициллиновой группы, подходящая для различных молекулярных модификаций, встречающихся в антибиотиках, позволяет синтезировать множество производных.

Как показано выше, восьмое положение, удерживающее спиртовую группу в боковой цепи тиенамицина, находится в конфигурации R, и при такой стерической структуре оно действует как ингибитор синтеза клеточной стенки бактерий, в то время как это положение в оливановой кислоте находится в конфигурации S. и действует как ингибитор β-лактамазы. Сочетание препарата с этим ферментом необратимо.

Тиенамицин и его карбапенамовая кольцевая система имеют химически прерывистую молекулярную структуру и подвергаются многим реакциям биотрансформации, таким как окисление, восстановление и гидролиз в биологической среде. По этой причине для более стабильных производных был проведен ряд структурно-активных исследований путем получения различных производных от карбоксильной группы во втором положении до боковой цепи в третьем положении и гидроксильной группы в восьмом положении. В этих исследованиях взаимосвязи между молекулярной структурой и активностью, проведенных для молекулы тиенамицина, молекулярная стабильность была достигнута за счет превращения аминогруппы в амид и сохранения активности в соединении. Таким образом, был получен имипенем со структурой N-формимидоилтиенамицина.

**Имипенем:**(5R,6S)-6-[(R)-1-гидроксиэтил]-3-(2-иминометиламиноэтилтио)-7-оксо-1-аза-бицикло[3,2,0]гепт-2-ен-2- карбоновая кислота

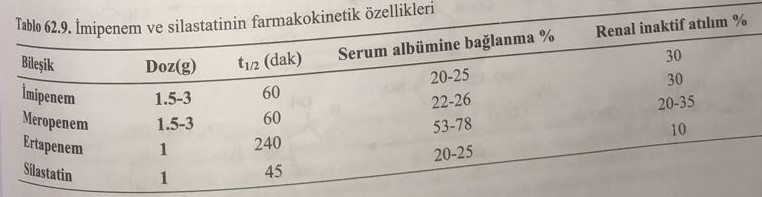


Это антибиотик широкого спектра действия. Они действуют против грам(+) и грам(-) бактерий. Он более устойчив к бета-лактамазам. Но он нестабилен по отношению к ферменту дигидропептидазе, его применяют в сочетании с ингибитором. Он используется в виде инфузии, особенно при инфекциях мочевыделительной системы. Для этого имипенем применяют в соотношении 1:1 с циластатином, ингибитором дигидропептидазы. Фармакокинетические свойства этого соединения перечислены в таблице ниже.

**Циластатин:**[R-[R\*,S\*(Z)]]-7-[2-Амино-2-карбоксиэтил)тио]-2-[[2,2-диметилциклопропил)карбонил]амино]-2-гептановая кислота

![Diagram

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4T0KRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjMxOjI0AAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAM4MwAAkpIAAgAAAAM4MwAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NTozMwAyMDIzOjAyOjI2IDIzOjU1OjMzAAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAK14AAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgA/QEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A9h706sjQaVOc0pBxQBGeuD1prIchvSgBdp20xR84GegpAK5Cg0wEYwBxTArR3RmkuECshhk2HPfgHI9uarS6usc88Hlx74poogDLgtv284x23D8jQBpYOKQ0AIabTAaaYeaAGkc0wrSAryytHPDGEJEhILDovBPP5YprZLUDGhTjFKSBgUwEJFRl/Y4pAJkYzQaAGswHWmB89RimA7NOoA6cKRypNAkbcARSEP3fX8qTJbgcCgBSikf1ph3L15FACbuPumo8necDqO9AGVZav9qntI2ijDziTeBJuMZQ4xjHetUoV5U/gaAK4eXzpA6jZu+T3G0f1zVK4t4/PCkyL9qkV2KkDDJhl7f7I/KgDTzxzRQA0000wGFhmkyBQAwsKaSPWgCGUSF4vLIChz5gPddp/rtp2KQxhA60xhkdKYDNnPJpDikIgdeeB+VBDZ+9+GKBjVAJ55NPIHemAzGGwDSkMB979KAOupNozmkIXPy1Ehw/X1oAk3dfakY5WgDP1gy/2Y/kyvE5eMb4zhgC6g4/DNFvcyxzi1u8CYg+XIBhZQPT0b1H5cUAV7e2t11FbZfMLWaCVGLZz5rPkYx6r+tavagCosX+mSMZgwKLtjz9zlsn8f6VTu7u0jvQkvmCa2jNyqgD51wVOPXHPHBoA0RyBxig8UwGZGKhc5ytAEOH3Hij6g4pAMKHHA59aYqkOM9hQAlxs8yAyPsKyfJ/tEqRj8ialzxQA0nim9qAIyaypbufzb4q+1rcgRxYH7wbQ3PGeSSBj07nNMCrLqFzCIgkgnWVY2aTaP3W51UnjtgkjOcYPJq5aTvLNdxuM+RIEWTAywKq3buCaAJ1ZVcknrT/ADF9aAG7hu5HNKzDGKBnX4NGKQhHwF5rMvLeVry0kdDJarvEkapuwxA2sR3AwR+IoAy7zTZ2fU1trcpFJaKEUwZ3OGkOBzx1X6ZHpWsZLh7mWGCSIbArIWjyBnOVOG4P3T079DQBR1Oe7i0yRbizyzMqobeQNliwxw209fTNPupnuYWjl0u9ZDyMGMFT2IO/gj1oAqWFzc2+pXNxqkUkELxRRRzyBcNtZz820kKfnA9D+ldDkEAjkGgDOuriC21DEUTy300ICovQqpPJP8IBY8/z6Ul5pa6jA63DBWeNVDIOY2G7lT/wIjpyOO9AD557i1mZpIzLbE53Rqd8f1Hce4/LvST3kK2guRNH5TAbX3ZDZ6Yx1pgY0l7e30zwW6SIvQqDtfp/E3/LMfm3oBVxNKaFFa2dLacLhjGp8tz33KTz9c7vegAa6vgfJNgWmPRlb90ffd2+mM+maT+zDO3mX7id8fKoyqJ/uj1/2jz6YpAMKX1l9wm6gH8JP71R7E/e/Hn3NMLX14cIptYf77r+8b6Kfuj3P5d6AKlzp5tEjktQyuJEXJYuGJYDcwJ5PP3sg+9SzahPBdQ27xxB5FBUs5VXbnKqcY4wOOuD7UAOOnm5+e9kLtjhI2KomfTHJPufwxSFrmyyX3XNuOSwH7xB7j+IfTn2NMZX3vqSK7bo7JgCqg4aUdifRfbqe/pVo+UWV/LG5PunAyo9qQho8tVbZGoVvvYA5+tCqqoERQijoAMCgCTb7UhFMYhApcA0AdV5h9OKTeaQhwyxwafjFAFa4voLdyjs5ZV3kIjMQvqcA4HB/Wok1WzfYVdz5kxgU+W3LjOR09jz04oAYuLzUy3WGzO0e8pHP5A4+rH0q9gelAELKefTFY1/FLpq2/8AZ0gh86QxmJ13Rj5GbIXjByOxA56UAWbGJITbukbO1xEZJLh+XJ+XAJx3yeOB8vFaFADTWT/Z9s+r3JEYRmhRgyHaQSzhiCOhOBkjnimBeigitohDDGsca9FUcU7vQAnekxSAaQDTCOaYFa6WYxD7OV370znpt3Dd/wCO5pstpDNKJHDEjacbjjIOQcex5pASEVG6jaRnqKYyjYwsmnWsU2FkjiQOAehAGaeEfzmACiLaNp3c55zx+VIQ7yR2JAPajbjk80AGeaQ9aYxDQvHWgDqdoBo+XNIQowD3/Gnbu1AFBreePUpLu3MTedGkbpISNu3dgggHP3unHTrVL+x5RMkpdN63pueGbGCCCMdAeTTAvadHJBFKrhwrSs6B33Ng4PJye+e/5VcJ4oAbuqjqXks1sjB2lEnmRxx4y2FIPXjGG/UUgI7V2e3s/s0uYYgY5Q4wx2grjp1DDn8au0ANY4FZD6hMIb69jSMrasyFCnzuE5POeM5OOO49aAIrzVZ7ARhxFMZ0DIyKQqkuiZPJyP3gP4H2ptzqtzbXq25WN8SxhmVDkq4ftng5T8iKYFzT7qS4ti8mN3myJgIVxtcr0J9qtBskikA1221GWOaAK10qPCRI5RQytuHswP8ASp+RQBG7YOKo6nF9psmhKM+WU4U4PDDkHsfemBl/Y7tbiBpQrOlwxMwRTuTy9oJHqTjIHv2qxpRmhitLN0VPLt/nXjcpBAHQ98k0AaTD8KYzc0AMDcdKQtzQAhY0gY+lIZ2G2jaKBAFpNnrQA5Rg0EA80ANwM0hxQAmABVS5tDNPDcROEmh3BWZdwKtjIIyPQd+1AEC2kFokO+T5hcNLu6Bnfdkew+Y4/DmrnFADWAxVf7LB5pl8tfMYgscfex0z6ketADRZ2yIyLBGFZPLIxwV/u/Tk8dKjNjagDMKnDhxnruAwDn1xxTAfHBDCpESBQWLEDuSck/nUnA6CgBr4NMO0UgK100a2srum9VQsV9cc1KSM4oAYxHcUwgYzgUwGkLim8DmkA0kHmkYAmgBpwe1N+XOMUwEOBRlaBnXDpRzikITnFLg4oAjEiY4dTzjgjr6UgmiKxnzUxJ9w7h83GePXgGgBzAUygBP1pDnFAFO/ZI7ZXljMiiWMADsS4AP4HB/CrIQ5yaAEYc1VjuY5biSEF1kQZwyEZGSMjPUZFACJdQyXM9ukoMsAUyJ3UMMj9KGuIscOjZIGFYE9QPX3oAjM0Q3EzIAvX5hxTZbqOK5jgc7WkUspJAHBAx9fmFMBHuYEYh54lYHaQzgHPp9aIpo5y/lyI+xijbWzgjqDSAZciYW0xt9vnbG8vd03Y4z+NPIyaAGFOOTVCTUYUmmhwxMH32yoC/LuGcnjjv096YCvfWqXP2drqITYJKbhkAdT7VEdRssMxu4AgON3mrgnnjr7GkBbCcZBo20AN2+9MKHdnNACFCe9ATnrTGdhkU0uM4HNIQ4EGms65wR+dAGDZ219alFiRhCnkAFmXzAoJ3KSDhgAeD1+tVTa6t9jjiWPy5opS0MhkUqq7HUcZ7Ejp1H5UAS3ov8AfHGrXCee7iNFn+ZP3Yxls8gOCep6/hSCy1f7O3+kSeawmUt5x4YsDG4GcYAyCPfoaAKy2upz28jwTyrkyR5kuWySC4Vx1xjK/Xj0BrRtYLtdRM8jN5bbgyeazAZCY4PHBD/99UAaErSeW3lEB8fLnpmlZyDgc0ANLkkACs/7Ncm7nkuLkNG+NgiVkZQOg3buRye3U/hQBX/sxxKtwsqLMyyLOdhIkDHI4z8uD/Ws/wDsGSNFAuYlwyNkQf3UVf73+wDQA/8Asd2ujPHcIGyx2+T8p3NIeRu54kI/Ae4qSfSEe3SJLhkWOIx7pSZCM7eRluPuii4FO70RpbwspQpKZRIxjG5UcNkZzzy3Hp6GtWG2SCRnDOdzblG4gDI5yM4PPOcUAF6sk1pLFGdruhUEHGCRRG0ixKGPIAB570ABkb3FZ93p0d7MXkdt21lUgDIDLtK5/u8k49aAIZdHhmnlleSXMqMrBSADuGDxjr059uc0xtKTIJkkO0g4UKozhh0A/wBtqAL8JMUKR7idoCgnrxxT/MOOaAEMhpN5PTNADY265J5pU3be9MZ12zPU0CPnIOMe1IQ8IAKRo89SaAOeg1xk0wTuglkjysmW2FiqlmIXHoOP6Dmpri9vVmLQwQ+WkjptafAfCb8528ce/c/WgBk+rO9jNJGjRKI5HUhsuPLcAqwIwCc8f5NRXGu4tpNsac27yLtkOQwDnaTjKsNp6j15yKAKV/qTQwZWR2IuZMFZcEhZFIXrg5XI5/rWq2pINJW9VoyWKgg5wpJwQemCOnOKAMpNfmurPzo40SQiMoBkgFgwwcHkg44IH48Gt+zkM9hbzOQWeNWJxjkigCU7c5xWPsK6pcTWtsRKE2lpcrHLkgklsE8dBx69sUAV3fVHd9zzR/vCpCwIQBh/unncPudQP51AP7YmsZPMiPm+Q5KbFK78rsxnrkbsg9/woAfpy3cGnXUJgdXQObYLtAI52gejZ9eMEe4qFhrLWpUxsZGSVSMR/wC3sPUg5GzI/XrQBqWKuluyzq+/zZDl2BJBYkcj2IqzhO2KAEYKeoBxTTs9BQBEzJjOBTAULdKYA2z2pu5fQUgGnb14ppYelADN4zjApplXcR6UAG9S2KlUr0HegZ03zdjUi9KBCkkdKDuwMUAVvsNsAP8ARYMAYH7peOvt7n86eLeMJt8pME5I2jk0AKIxlm2jc3U4603Yc524NADdjd80hQ5z+tABsbFMeNiD6UARmJ8YzR5eFoAhkhLcgUoVgqg/jQAnksfSm+UQetMBohPIYg0eT6cUgGiPbnLdaa0RI60wI2gOMBu9J5HHBpAHk8cmmeXnqaAGmL3oKAmgBnlDOc0wwLn7xoABEM9aeqBTnNAzrsCgEZ5oEKQDRxQAmQfwqC5u47dY9wJMjiNFXqzHJx+QJ/CgCuuqQtLHFtkEjytCQQPkcLvwee68gjPWn2l2t5bpMisqsWGGxngkdvpQBKxOcCmng8n3oAUn5RUbvjtQAmcjNR7/AE5oAQsccimHIINAAWIFR5O4UAU9UuZYNNuZ4m2vFGXU4B6DPeoLK7nnu7+OQOFilVUVtuQCin+HjqTTAuSZJ5yBinIf3Qye1AEYdj1pgYgetIBhd2H19qY5YDAoAdIWXGAaYobdzmgBshOe9RneSD6UABDj7uSfSjD454oGdjtNG35hQIft44NIV4oAblVOCRk+pqpcWsd6sTrJh4pPMjdTkbgCOfUYJH40AVI7CGTUCHfNxHKLmQMgw+5DGMc8DAI9cjP1l8g6Vo84hYO0SSSrvHBPLY47ZNAEFhqD3eoS25AEaQRy5MTIxLFgfvdvl/WodT1WXTzegIreVAkqfu2bOS2QxHA+7+vtQBsY49cUxlUjGBigBu0AYHSk2gdhQA07TTCRmgBvc0nT8elAEMiLKpR1VlPUMMg1R01ybeSRwpk86VCQgBIWRlHT0AFAi4JVJwRzSllx7+lMY3g0zCg4HHrSAaWUDg1H5gzj9aAAsNvXNN8xQOTigCMyDNG5aAGrIucGjzBznpQM67fjtRuPpQIVG+YilZsUAZeoRTTXljLEGXy5HLOoB2goR398UzTYby20oJwsqghUkUY+8xBJX1BXigBl3eSjUYmtLeS4lhfZIkOOI2AJyTgZBwQM5496ume31CGWJW3ArskTlWXI6EcEUAYfhiaa/t57y4t0juI3NqNjNgonruJzyTWhe2ME5YzFv9IAgkXc3zryQowRjknn60APkvBE32aBGnuBjMan7o7F2P3R+vpmmLfPFtjv4hbOSAH3bomPoG459iAfSgRaGckH1qO5dYkMsjqiLjLMcDrQMpS36MwS0AupmAYLG3ygHoWboB+p7A0zzLy3ObuBZIyBmS2y2z6r1x7jP0FMCT7Rbi1+1faIvIxnzN3y/nWdfW1xdSrc2iuHEB/dyKVWUE/dbPQ+hPTHoTSAsGxum2mO8eBdo/drGmF46cis6E3Gk3LQ3LvNE7PJu2joWLFlwOcZ+Zeo6jIpiNxVBwwIIIyCO4oMfOQeaQxAuCM1HIvX/CgCIJk9aaYT60AHlAd6a0YJ60AN8sdcmk2D15oAQxqO5xQUXGKAOu2j0pMgdaAHDHaqepTtF9lO8xwNMFmcHG1drEc9gWCjPvQBQuZmEk6Wty7q1nIy7p2GCDwVxnJ54PtUqSSXLWdrI0qRvbea7Kx3ORtG0nHHXsc/TuhGjEkUMaxRIqRrwFUYAqG7tYLgq0ikSIPklQ7XT6Efy6UxmbpkM8dtKqXhx9omz+6XJPmNkntk/SnXy3KpEBfzhZJkjfaqLwTjggZH50CL8MUNtAEhjCJnOB/P3PvQ7KyFWUFTwVIyDQM560QT6jcQQT3NvbxxIyQxuMKd8inGQcD5BwOKvXVifsTxiS4nLMpBabDrg9VPYjr6UAPslmjs40uDmUA7jgDPJxnHGcYzjvVjf7UwK5srX7V9p+zxibOd4HOfX6+/WqOpXV1DexRQFsPbysQuzhlK4Pzf7x/SkBasJmn022nZtzSQo5JAycgHtSzokqBZEDbSHXI5DDoR70AZF3qd5a3TRMqiFp44oZQO52blb8GOD7fmljqV3cXMEcgIVvPVmwuGKSBRjBz0zTA1iz//AF6b8xbvjFIBnzdRkfhTTuxxmgBjFgOc1lz6qLS6ljuSVUbdhVWYnKsTwB/sk/hQAsutWiqnzSHcSu0RPuyCBjGP9ofmKF1W0Yqyuzg7fuoT1AwPY8j86AGNq9sfKZBNIkuzaVXj5sbQfTO4dfWrFrdLeQ741cDjG4YJBGc/rQB2YRu9SBOntQA7acUmw8YoAdsPcn3phiTzN5Vd543gc4+tAhPL+bPpTXC8lu3WgDFsNV0xIbgPqFsubiRgHlUHBYkHk+hqS5v7INa78S28zbknRsorKwxkjoMkDPTPWgCUapbrbxGdhE7ru2AFsfkKadTtDn5pW+kEh/8AZaBmfpxij1q5ClwskIZfMiaPP72RjgMBnAkXOPWtoYPXtQAEL6CmHANAhoIzTXiiZgzIjMBgEgZpjE+WNMKoCjoFFKSAPrSAgdITuPlpliGPyjkjoT+VRLFbJtKQRAgkqQgBBPXH170ASM3y1GZOKAGGWoyRnNADGYsOBVOawguJfNlDFyAPvYHAYfydvzoArXGk282zbvjZJA4YMSeCpI699gp502z3hliZflUYV2GdpGDgHqMDnrjigBg0yzUKFgICBQvztxtOR36jsas28UdqmyFNqk+poA7VDnNKW5oAXdRuOeKAAuelJzQBHLMsMbSStsRBkk1QuP8AiYxSwxHDJgyQyqV3A9N3GdvU8dcEetICe1tfssRTczuzbpJG6u3TPt0HHYAUye0E8itJll2MjRnBVg2M549hTEJb2q21tHAm7ZGAq7mycfXvUpQkDNAyveWYubcLuKSod0ci9UYd/wChHcHFQm7jhdYppAZRtDGNGKqx9T/Dk9M0CEGo2rgsswCBDJvYEKyjqykjDAeo9R601tQtwDkurAoNrIQ3znapwR0J4oAlgmS4Evlkny5DG2Rj5h1qTYc9aYDSuBjNBAIAz0pDIzFz1NNMQyeTQAhQBdtV/KcTsxkBjKgKmOQe/P8An/EAeY1700ouKAGMgApCoxQBH8pOCBSfIecDmgBCEz2pRtxxigDrRilwKAF4wKQsM47UAIcAE0oJIBoAq31st9aNAW2ZZWVsZwysGHH1AplvA/2uS7mKCR41iCoSQFUk9T6k+lAFlmAphfnGKAGM3oKTcdmcUANLGs0W80d3dMnltDcsHcsSGQ7QhwMfMMKD1GKAKR0R7iygtZpl8u2gaCN0+82VC7iOgIA6c5606fTpbxmmmljEpVEGFJXCuHPGepIH096BFuztRaNcBZAySzGQAJt25AGP0/Wra9+aYyNuO9MbOO9IBNzFh1xSPu3cHjFAER3nqDz1rnH1DUFjmR5G3qsxhmCjDbc4DcYDAj8Rz6gAE8Woy/abnzWLRpFC4AI4DbgTnj0Fau1upJoAZzjFIoJB46UANKN7ULGQOaAEMZI7U3aQpX1oA6zBzxTxk9aAFANKVOM0AIF4xRkjjNABtB70bMd6AGlM9aYIwKADatNbGMUAMIGMU35c4xQAbRimED2oAb8tJuXOO9MANR7hk+xpAUJ9Vjh1FLPymaRgrZyBkEkcZ+9jGTjoCKughhkUAMdgDisue5EWp2sfmKiSI42HA3N8pBH4bvzpgWJNksWHXK+h/wA9KGfjFIBm4ZFPDZHTFADXfaOlRlyR6UAN8wg5FKG3jkUAdZTu+KAD+MVLjj2oAYOrYFNcECgRlX9zc292EhErq1vI+FC/KwKgH5u3zdPpV7T5pJ9OtpZDl5Ikdj6kgGgCdieaqXNwltE00rMI16nBOM8dqBjI7gSySxpu3RNtfIIGSMj68EdKc+4g0AUbqeZpjaWeDNj95IRlYQe59W9B+eBUSabNa/PaXDq5OXWZzIkh9T3Un1XH0PAoEWIr9TIsFzGbaduFVjlXP+w3RvpwfapJCsas8jqqKMlmOABQMz8S6meGaGxPcZDzD/2Vffqfbu02U9i26x+eEHJtnbGOc/Ix6f7p4+lMRbtruK6RthIdDh43GHQ+jDtVa6uCJjBbKJbkjJBPyxg92Pb6dT+tAEM2jJd+Ubq5mcpsOBhQWU53DjKnPXB6DFLvuNOAE5ae1H/LYD54x/tgdR/tD8R3pDC4vUOxLULcTyLuRVb5Qv8AeYjov8+1RLpMDJJ9q/fyyffkbg8dAv8AdA7Y+vJ5pgJGWs43F1KrwqQEkP3jnjBAHJ6DI656eqPqForMuX3INzr5bZUepGOnNIBr31qDtJ3JuVGkAygZsYBPvuH5j1qwNqrgAKAOAKYDWZR1IpN647UgELKBxTd6+tAHYcU4AZzQAwyRhuSoOcDJpY5Y5QSkitg4ODnFADsqRntWLZxTQrc3FrukzcymSAtww3nlc9G6ex9utAD724gkskvYkjdjJHCWePkK0iqykHkcEgg1ooI4o1SNVRFGFVRgCgBdwJxVPVbVr3TZ7aNgjSLgMScDn2oEQ2KKJbqeNsxzSZGWJIKjYQc+60alcPBpt3NGcSRwu6nHcKSKBjLBoBC8durAJIyMXOSzA8knvn1NWC5HagCKdI7iFopo0kRhhlcZBqkNOUuBJPNLChykMjblU9j6tjtknH5YBF3cc80pbg4oGULq0S5YPl45kBCTRnDL7e49jkUtvbJbR+XEDgnczMcsx9Se5oAl5x9KYzMDQBDDDFbs/lRJH5jF22qBuPqac5J6UCKV9ZNeQeWGCOrpIrEZGVYMM+3FV5LC5aZpxMiyNH5TAoSuOo754Jb8/bljIItFSGD7NFLttSY2aMrk5UKOGz32rnj19as31wLK2ErLuUMAxOcKD3JAJA98f40gKX9qKZI1KDlCzlCWx8objAww68inLqlsxh8tmkMhGFAGcFtuee2aAGSaxCTIqJIDHG8jMVHyhdpPGc9GHpVm0u47xn2JImzs+ORkjsT3VqAO6HaoNTjnm025jtn2zvEwQ5xzj17fWgRm3Nqs4tntbJ4nWaMlxEFKgZyOeuM+/XjNLaRXNlD5Zba73rMAwXMiM3JGPQHPr/VDLyxajCmEngnI6CWMoT9WBI/8dqrpst+beSVbODbLK7rm4IGM4yPk6HGR7GmIrX2nancv5kUNnAzMplH2lmEgUgjI8vrwOfwOa0Y72J5hBKHgnbO2KXgt/ukcN+B+uKALODmop5oreF5ZnCRoMsxPAHrQBXtVjiDQLIHfc8vA/hd2Yfz/AEqHWFzot+OB/o0nJ4/hNACWMLQi5DoV3XEjLnuCeDVogEUAN4ppAweRzQA3j1pDj1oGHB701iAOOtAEe4d/ypOMEmmIjZuwFIX9FFAxu7IY4wQKiZzt4AzQA3cccio5UMiqCzAg7gVPIoAzm0ezxgRtjZsOHI4wR29mP50o0ez2KphZvLbcmZHODksT165J5oAcuk2YZiLZcspU5z0PUfT2qaO1jgJMUQQkYO0deSf5kn8aQHag8UucjkUARy3EdtHvlOFJCjAJJJ6AAck1GuowGfycSCXaz7TGwOFxnqP9ofnQBFc3Yura3jtT/wAfgzux92PALH24IA92FXVG2MIqhVUAKB0AHQUCEOc1mazPF9nNs4hZpVJAlXKIo6u3sP54FAEGn6bO1tumvL5VP+rRpfmC443Hrk9fbOO1TXGnE2V1FHJPI00LRgTTsw5GO+cUAU7XTY4XuiJgbJlCJGHKmIqzblBBHAJ4H1HTFPGl6beQLIbZZEdf42LcfiaAHWxntpxZzF5FIJhnOTkD+Fj/AHh69/rmrpHygUANIz3FNKndgDPpQBCwlEiBUUqc7yzEEfQY5/MVLt96BiBPmyOp60bAOuaAGeWKbtUDHrQA0qKZtXsKAGeWFJx3oKjPQUANIpppgNxSUgCm4oA6oLxinhfagCvd2zziF4mVZYZPMUMOG4IIP4Mee1V5LGe4vobmYQ/JFJGYxkj5ip68dNvp39uQB9rYy2hs41bKwQeU7dA/AAwM8Hj6c1oEUAVLqfyGgjRQ0k8nlqCcD7pYk/gpqrEI76WaO4hAltZgr7Tw3AZT7jDA4PQ/TNAi/imsO9AFW28l4nMKlV82QEH+8HIY/iQT+NSiNUGEUKPQCgCG7Mq2kzQLvmEbGNf7zY4H54rn2ffBZywXc8iuy/bgJWO1SOSR/AdwAIGMDPHFADo/tJvI95lk00TybCctkFF2k9yu7zAOo6e1UpLW/lilR0kO+zuEUvEzkjzD5Y6/e2kdeeKAOmhx5KfLtG0fLjGOOmKdQACmmgYw00jmgBhppxQA000nnFADehxTSR60wGEik3CkA0sMUm4UAdcKfQAUflQIM0Zz3oApzIt3I0UkTBIirpLuwd/+z9B36ckc806GBIVYLksx3MxOSx9SfoAPwFAyTpTWYYoEV4nZlYuu1g7qB6gMQD+IwafvoGNJzTSaBDSQKbkYoApt5Vi8k4SQrNIocIMhSeN2Ov8Adz+fqask0ARyzpCm+WRY1zjLHAqq2rWAODf2g+s6j+tADDq1gfu31s3+7Kp/lUTavaBT+9d/9yJ2/kKBkJ1q3PSO9P0spv8A4mnLqIf7trdn6wMv88UABu5+osLoj6xj+b1NDMtxBFMgIWRA4B68jNADn5phBpgM2H1o20gDbTQmDQB1oPNI0yIPnkVf95sUARvf2ijL3duoHrKv+NRx6pYSzLFFe28jvwFSUEn9aBFs5x9Ko3N7EbSZor2OPamWkznYueW/LOD0yKAJo5ozI1urkyRqpYHOQDnBOfXB/I02a6jgKq4kZmBIEcTOeP8AdBxQBXfUcfcsrx/+2OP54qS0uEvLZZowyhsgq3VSCQQfcEEUAJEsqKRK25t7keyljtH4DA/CquoyTh7aG2cJJNIQzbQ21ApJOPqFH40DG/Yrw8nVbgeu2KID9VNS2lwl1brIhc4LId4AO5SVOccZyD0oETFaQgUANKgiqsbNC5jnnVvMkPk7uGIxnHvjnp2oAqJFHd6ndSuElijVIVVgCAwyzH8nUfgavJFEg+SNV+gAoACxzTWb5sUwGMwxUbOPSkMZv7iqWlPnTYR/dyn5Ej+lAFstTN1MBpJzRk0gG80c5zQB0Wp/8gm8x3gkH/jppbawsUiQx2dsuQD8sSj+lAFxVRBhVVQPQYqrqE5gtGmDECJld8f3AwLf+O5oERzzx38FxaW0hbfEyGdOUQkEde5+mcd8Vm3un3V9bFfLETrZS2wXdwzOFAII/hG3vz044oGXbSylg1Ke4Yjy5YIkwZCzBlLk9e3zevb3py4k1iV16QwrGT7sdxH5BT+NAi4TWbLHc2lxJPZossch3SQFtp3f3kPTJ7g4z1z1yAQW1xcxQOn9n3BlMsrBSUAAZ2Yc7sdCOmamt4JRO1zdFWnYbVCfdjX+6O5z3PfjpigCyzYXpWXNN/Zl29yw/wBEnIMp/wCeT9Nx/wBkjGfTGe5wAaG8kfWmEnFADMscCs/U2EsQtEy11IQYgDgoR0cnsB6/h3oAtWlsLWBYgzORyzt1ZjyWPuSSamx60AJ2qNgM0wGlRURI9P1pDGZGfu4z71T0nC2bLj7s8w/8itQBcOPakwCKYDcikLCkAzeKcGBGaAOivl3afcr6xMP0NPsjusbdvWNT+lAE+Peo2TerKwDKwwQwyCD60gM+LdpaCCRCbNB+6mVc7F7K+OmP73TjnHe5FcW7xiSOeJ0P8SuCPzoAryX6z5Sw23EhO0uD+6T3LDg/QZP061PbWwtoAgcuxJZ3bqzHqf8APTpQIkyM004zTAYSBTN4JPtQA1sHimEKflIyPQ0AZ50+S0ydPmCRn/l3lBMY/wB09V/DI9qUTXwXEllFu/6Z3GR+qigCNjqMu5T9ntVzwykytj8QAP1qxa2sVsrFATI5y7ucsx9z/ToO1AEhf0NMyc0AIXI96jJYnnimAzLH5fXrThnnIpDIGRuaqWA2RTKeonk/Vif60CLAcE49KXdg9D+VAxvfoaYxPvTAYAe/SnKDQB1NwCbeQDuh/lTNMLNpdmfWBD/46KQiznnmjNAxSTioDa27vvkt4Wf+8YwT+dAEhzgY6CoPtduZ/JW4hMhO3YJATn0xQASSLHJHGz4eUkIPUgEn9AajnuI4ULyb1VXVCdh6sQB26ZI56UCByARlwCTgAnqfSoDc2qhmN1AFXAYmQAKffnigCG41Swt/le6iZ96oURgzAlgvQc9SKrTazBE0ecOWmMb7CWCAFhkkDg/L0PvjOKAJ11W0kSNkZ2EknlLhDndkgj9D+AJ6VFc6tBb3Bg8m4kdXWMmNMqGbbgEkjH3gaAKsuuJ5EjpbS/LbtOTlMoAO4z6hgPXaajh1t7ibYLTYvmbM+b/01MWen94D8D+FAF7S5PtWm29wQQZIwfmYE/mAP5CrDoc8GgBuz160bRz3z60wGMuBwORTQ2RzQBHIeOKp2J/fXyf3bj+aIf60DLe0A5wKSgAx61GQM4AoAAOKdikB0mQyEHvUOkH/AIkth/17R/8AoAoAuEA+9N/CgApM8Y70AN+bd6isS4sbq6N9AIWjWW6jljnLL8oVYwWGDnOUOOO/agCBNJvpbaNbqVnkV9zs05wx8t13LgDaCWU49j+MEmi6lI5LyW0m4of3jsdjAR5YfL1JQ/n160CJzoIczjMKecZ1cqmSVkbcDnj5l7VUtPD7tGksu2GZJHARoVcFCz43DODkNx0xQBI+hiaWV7h2ULcebBsxleUbPcdUHGP6YVtFgzKxluNsrlpAHAyd5cc4yMFm6Y60AT22lW0Gxk8zcpZlO88FsZ498D9all0uznnaeSImQ7SSHZQSCCDgHGRgc9e1ADF06zjDKltFhsq24btwwRznrwT+dSJYWwOBbQcekS+ufT15oAtJGsaBUVVUdAowBQ33eKAI6aevFMBrEVCQeoJFIBGUDlj+ZrPscf2hqWCDmZW4P/TNB/SgC/SUxje9IRQAUoNAHSquGHFVtKGNHsR6W8f/AKCKQFsNRznHSgBwX1NGMGgAIGKZgUANI9BTHwBluPrQBVkv7KM/Pd26f70qj+tRHVNOb7t/at/uzKf5GgCvNqtkOrTP/wBcreR//QVNMXU4JCBHb3pz62ki/wDoSigRL9pkA+TT7tv++F/9CYUxrq9PCaVMB6vNGP5MaABZL9utjbr/AL10f6IaVv7RbIWO0j+sjP8A+yigCIx6wf8Al6sVH/Xq7f8AtQUvkX5Hz30fP/PO3x/MmgZE9lcsOdTul/3EiH/slMGmtnL396//AG0C/wDoIFADjp0OMNLdt9buX/4qom0iycfPCZP+ujs38zTAYNF0pDkadaBvXyVz/KrEUEUC7YYkjXrtRQB+lADzTaAE70GgBvJpaAOozgg+9cVZ+LZIsWCWaf6P+6Dlyc7eM4/CkB0dnPeXahle3TIzzEzf+zCrhttQ/wCfy2H0tj/V6AIfsl6x+bUnH+5Cg/mDTxZz4ydSujx02xD/ANkoAGsQwO66um+kxX/0HFQNo1qSS0l431vZv/iqAHDS7EDabdX/AOujF/5k0h0rTgc/2fZ/9+F/woAcLW3j5jt4k/3UApxOOlADSaBQIWmmgBKQ0ANpp5FAyNqaaAI2J3fhTQcimA1jxSGgBuaTNACUmaQCUA80wP/Z/+Ex6Gh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRvclRvb2w+V2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NDwveG1wOkNyZWF0b3JUb29sPjx4bXA6Q3JlYXRlRGF0ZT4yMDIzLTAyLTI2VDIzOjU1OjMzLjgzMjwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMAAwICAwICAwMDAwQDAwQFCAUFBAQFCgcHBggMCgwMCwoLCw0OEhANDhEOCwsQFhARExQVFRUMDxcYFhQYEhQVFP/bAEMBAwQEBQQFCQUFCRQNCw0UFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFP/AABEIAasBsAMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTUWEHInEUMoGRoQgjQrHBFVLR8CQzYnKCCQoWFxgZGiUmJygpKjQ1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4eLj5OXm5+jp6vHy8/T19vf4+fr/xAAfAQADAQEBAQEBAQEBAAAAAAAAAQIDBAUGBwgJCgv/xAC1EQACAQIEBAMEBwUEBAABAncAAQIDEQQFITEGEkFRB2FxEyIygQgUQpGhscEJIzNS8BVictEKFiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/2gAMAwEAAhEDEQA/AP0Cf73FPX9arfaEZsZ6etWowODkGuA7RdpocfJipG7Y4NJt9eaQFPbtbrirCvtj4p5VT1FLtGMY4oArSkcNUTN5i8DFW32qpzVSTevMcRdfYgY/OgBm1lXGc1Umib7RExJCitGFklAwVLdx0Ip8kaSDnigClDIPMbGTj+KkmUlGwMircUPljjkfShhuxxwaQGbIp8teDV1F+QZGOKpT7vtKrkgFq0d6qvP4k0AQMoVST0FVIEAkd2OS3T6Usk5uNyRfvD0NV9zRSRK5CH+63Q0wLm4Nk9AvWqX9pRNeSQpNHK8YBljRhuj3D5SR7/0q0sI+fafv+9czaeD5bH4g614gSeH7JqNpaweTnDLJCZQT+IkX8qANpbjEkjSyYjUbjxjCgdRxz9OtZcfxA8OXWk3OpxaxbGwtm8qa5BJSNs8g8dR37DvWvEHhmDoBuUgnHzHI+mPevE/Dul69F8N/iRYQLp4086hrigXJkEzIdzEgAlTnHHT86APaNJ1W11q1ju7OZbq2lG6OVPusM449atSA/Sud+Fcy3Xwz8ITJjEmj2nTt+5Tr710h/OmgI2ztApu4ge1SsB6U1lGMVQETNupjU9vl6U00AMpjDrT/AFpJFHNAETtlcVE33eafJx060zlvegCLYNpxwaj564xVjyx1xUbD5qAK8i1Cy4NW3AqJlGKQGXrGqWuh6XdahfTLb2lqhlllYcKox26mpppAY96HcpGVbHUdj+VUPF3h2PxZ4a1TRpJjAl/A9v5qrlkJA6Z+mavSRmNBGG3bRt3HqccZpDRmzOzYPrUXlk3JzwuzrV77LuxuND2qht26hFFIs7KAvQVZY7VAHAp4RQuBxUU8b7R5ZziqAVcd6jY9u1RpM24qy4NDSqvBPNJiuDsFHXH8qYzBlJDDI9KjeNpDlunpTWtyhYoce1SFxzcrSbh0qAXBXIcYNEUyySEdD6U0BL93pwKTd+VP3BsjGce9QNIiggnAqhgzDHAqNZl6Z5qBpZJjshX5e7U5bIIuc5b+9QBPQPvVX3yQA7+RUscnmdDx60AS9aUcdKTIGKVmC0Ae0Nboy7COKa0Lw4MbEr/d9KuxqOeKWRN64pMgz2vJEYtgCNR09auR3AkjVshTjNV5LU+Z8wLL2GKspGvAK1IAZVxksBTGu124T5nz+lTtGgH3RVGSUx3b4XACbs4/SgCwsRkw0jf8BqfYhXoCO2RmmRsHRWHIIBpwbigCGW1V/mAw3qKrEzQsNw3R929Kv7qimAZWJ7DimBAtwikg8Ux7pQw54+lPtUXydxPNcf49+KOmfDvVtCtNTtrp7XU1ndr23j3paJHty8ijnbmQZYcLjkUgN6e4VpkKjcwbgYIrl/iL4s1LwnaaRcW1hb3q32pQ6YY5p2jMckzbUclVbK5B9DXXxyw3VvBPDLHcQyqskMsDBklU/wASN0YEc/jXD/HjQrvXPB9haafpd3q0iaxZXTx2cTMViinVnbcMbSFB5HPNAF/UfFd7pHxE0Lw0un2pttVtbm4F95r5j8gAyDZt5J3jHzdOvOa6yW2SdcOBnuCOh9K8y1fwyNN+LngrVtH0XUpLKKC+S7uNs0ywiaNREW8x8jkMDj/CvUwRubHTJxxjPNAFCSF7X7h3J6HtXLahqeqR/EO3to3m/seTRJZTtjBjFys6gAtjO4o54zjiu2mUNniuW1jxENP1/Q9B8pnl1lbsxyBsLH5KK5yO+QccUAX5LrzI48kchQffjnP5muK1vT9H8M3mj6VDo8YsvE+ovY3kYmkCE+TJKHYbsEsybfxruEt2NvCCqkqATge3NcX8TLWebU/AUka8Q+JYGc8nahhmUtwOg3d/WgVzrPDul2Wg6Xb2Om2qWVjEoEdvGSVQegyelabMDzUNnF5VvFH3VQDznJ71I3zEgDFUMRm3cU3mnbdvuaax3AUwGN2pj8U/+EVFK2PwoAQ4FRyP8vWobqYrEWRqo3F2zGIBsbuD70gL+7kik4UY6VTNyVXHU1G00mzDH5j0oAvNJt75FRSSA9KpSzSx4QYORkVE80tuN8jArwMe9AGgfc1HJ7His172SSSdVYErnH5VJYzSTW8bP94jmgCp4rs7nUvCmuWdmzLeXNjNFBtYqRIUYIQex3Ec1JosE1vpNhDdD/SY7aJJRu3YcIA3PfkHmp9XupLPSb24gCmaG3lljVxuG9UJUkDkjKjgVm+D9Uk1zwnouozII57uxgnkVVKgO0aluD05J60MZqlc5qPaGPIqftUTUkO5HIoUEAVA3TirEnOe1RYGM1QioyBiQetMjtwuSP1q02MVFxikIjZdvvUbNuWo9QvrbTbWe7upo7e1gTfNNK4VUX16cdvrnismw8aaPq11DbQXardzKzpFLG8IdVGWdS4wQvHfgHmlYDQukZYywXd/SqUKLk9cnvUGn+NNG1i4jtrS+EskxPlEo6pNjrscrtfHfafpRq3ijRtDungvNQjhuFi85o1QsUjJ2h2AyVXI4J6+vBpjLElgcg+Y34GkkiG5ckke9EcbXFxBfRai7WbxcQRqjwOTyHDgbiPTBwRTbpm3KAMnvk+3WmO5YTHQdPanv2qGw+eFSTz61YbmgLicOm0gH8KpyRhZlQHb9KufpVeaEtMjA8DrQMT7K399vypkluy7jvOcVbzUc33WNAHvHQ8UDrTcnPSnikQL90ZpgPzdKdzTkBpANkPy571nTt+9P+5k5/pWhMN2az5G2zkogcom4/Xn/wCtSAtWrHy1XadxXKrj5j7Ad+KeJM/dw+DgFSDn1zg8euK8g+Del2nxA+Hdt4h1+zXVtT1ae4kmkuASYEWR40ji/wCeewLyVx1GcnmsmPS/+EI+NPh6zs9IuNaMfhhwhDRiRGjuQokYyOoJCEKSMnimgPcvNTzNocO23dsBUsB6kA8CnMylQMg7h26V438M5H03xt8VLp9Eexmi1C0cWYVDIA9uGwm0kYcru4PVvWuum+I1vHpP9pf2JrlwkF29le29vZmae0ZVDF3jU524KkYzw1NiudcmI4ymfpXDeMIQvxS+HUu3eJBqdsY2GVYNbqxBB6ghOR3xU2i/FXwrrl0IRrVvZXp4NnfhrWVP+Ayhf61S8ftLH46+Gc0ZBDapdRo6sSDuspcnp6DOKkTZSvLG7+Dcr3+mxyaj4GaQy3enRqZJdJY9ZoV6tDzloxyucrgDFeiWOoWt9ZQXtpNHd2dwqyQywsJVkBGRhhweDUUjXPQ7Vjz1AzlR0HX9Pc153faZefCfULjWdCtpb3wnM5m1TQLcZktiTlrm0AP3R1eMepIHanYEbvw91K4vtR8d2lzPLcLZ+IJo4hK5by42hhcIM9AC54967Qj5jx3rzb4QaxZ+INX+IN7p9zHd2F1rEM8FzDyrh7OA5HuSOh6Ywec16TuzzjGecentRYoaxxWTqkGkC/0m6vzbx3sU8kWnzTOVYSyR4ZF92UHg1rMu49awvFXhf/hIpvD0ouPJOk6tDqShoywfy1cMvtlXPPqKLC3Nd8Fss2OzHrgf/rrzfTfijND8SNS8G6/aQ2NypH9l6jbs32a7YxLIYsseJgrqQO4BxXbal4i03TNU07Tbu8ji1LUXZLW3YnzJCo3NjvtAH3jxzjrXIa14Ht/HF14u03WtPvbO0vpra6sNUUKXimigVBNFhgyurKpGeCvFMLG74N1u916z1CW/Fr5tvqFxar9lDhWWN2Xcdx43Y3Dvg1vgdM8noeMc96878KR+Ifh/4BvpPEVhda7qMOqXEty2lKHaWF5AftCJn5lIySo+bk8V2mi+JNN8U6eNQ0u9S+tWODJEd2091burA5G0gYximBfbG4VXkk2mpJm25OcY9KyLjUQ04jjXc56Bj1+gx1oGaPmCoppE2kttCZ2licc+mc9favO9Y+Kgt9Sm0bQ7NvEniFT/AMeduQIrfPRriX7sa+2Sx6AVy+l6Xofj/wASXFn4qvpvGWrQRMzx2QkTSdJIx+7BUj98Ou4ncD6dKAPW+JI3ReuaqzWcjSR8fdOa43yfFHgFHaxa48YaCnIs7hx/adun/TNyAs4Ho5DdgxxXS+G/Hei+LLOSfT7pna3+We2eJkmhb+7IjYKn2P50gLwtz5rOTye1OaNm+YjlOT9Pf/GsXxR8QND8KwxPqFy/nzNtgsreJpLidv7qIOT+gHqetcy2k6/8RJP+J/JN4Y8PMc/2NYy7ry5HQfaJgPkXv5a889c0Ad+UM21zwvQYwM/QnINQzWrzIFdVVc54Oc4NcVL4N1TwQvneCr0/Yzw/h3VJHa1lPXEMp3SQv3x8y5PIFXvD3xM07Xr7+zJkuNF19Bl9J1JNs3HUpg4lXvuTPXpQBvPa+UztsyzVJYo8MaqynOcbRzVfUvEdhpdnLe313HZWcI3S3E3yxoP9pj0/U+1cPN4u1zx4XHhUNouiE7JfEV/Cd7g/8+sB+9/10chf9mgD0S4PkthgykHOVGGAxyB1yeDxx1rL8LeILXxV4d07V7JHitb23WaJJF2soI6EVxK/D9/D6NceGdfv7TV/vT/2tK91b3/Qfvoz905PDR4xjhSOqfDrxlYabY6b4al0640a6t4mjtI8m4trmNCcmGcZ3DgjDYYYweRQB6WTjH0qJX3YHGT2rBfx5oC6gLE6tbreGYWyxsTzMekYbG3d0+Xr71iX/jyfXLy507wfZprF1Cxjn1OZjDYWTZwVaTrK4/uJ+JHWgZ28zccA4HB+U5Hv71FuG3jmuCX4X3nmfbz4r1X/AISfIP8AaGQbfp/q/sg+TYRjtu77ualtfHlxoF0ll4ws00d2O2LVoctp1wc4A8z/AJZMf7rkc5AJpgdnJnmosHb0749TTyxbDqCyNghsccjI56EY/wAc9q4PUvGN/wCLL640fwhKipGxivvEMi7oLQ944f8AntN229ARkkjigRD8bLeWbwbbSBJJbC11WzudRhQEl7ZJfnJUdVBOT6Dt3qt8Y2i8RfD3WI9OuI77U7m0nbTlt5AXkVky2zBOA0e4c+qjrXXeGfD1t4X0sWFq804dmkmmupDJLM7ABmcnuQAMDgYwABxTrDR9P0S5aXTrG10+SThntYVjY+2VApAec/Ea6g134X6GdGmhlvHutPXSfJwXWQMg2xryRhVYEYACg+lX/Afm6Z408fw6hKINRuNUW+EsjhRJZtEojfJzlUw4/wBk547121vo2m2N695a6dZ2t6wI+0QwIkmD1wQMjPfHXJ9TUOq6Tpes+Ut9YWt4Yf8AV/aIVfZ7LkcD2HFAHHfByOSPwlequRp7aretpx7fZfNcoR7dSPUEfSuyuCFK4AxknjrVnAjjVI0VVUAKqjAAHQAdh7UyCFV+Zh81MZVjvVjwgRuO+KkbUk4DK4PrtqztGOmaNuV9qAsV1uhMQuxh9RimNM0aso69qsBT1pvk/MW9aChI5tsYzyaZJchlwEY1NEm1eeaeI+CV4zQB7yAPShsZ6VX+1ncAFpq3m7cD94UrkFnj0qQYAyDiqH2l/vlQFzzS+dI5O37tIRLdSMo2qMs3Si3jEKghQzdye9ELGRcjhhUvlleaQI5Oy+HcOj319Po+r6ho1reztcz6fCsUkAkbG50EisUyRkhSBmkX4a2UHizTvEMWo38dxYWj2UcatGySQuQ0gclSxLMN2c55rrxypzUcj+TG0ztsjQAmQ/Kq84HzYxz6VQM5jTvBqeHtc8R6/YXd1e6lq6o89rcSxJBK0ahY0BC5UheM5+tReDfCc2jyaxcTQtZw3959qj09pzP9mcqBL8x7MwLY6c1032y2X79xCqltvEg+bJ6D16N1PShtQto2UNc26NIMD96oJzwGAJGRnIxQIp6voNhr0fl6nYWepIu4LHdW6Sjn03A4rxib4R+HfE3xVNlocN3ouleG4zNezaXeTRK17KMxpHglUKJuZiuDhxXrXjrxUngvw1d6mIxc3IIhs7df+W9w52xRr7k8/TNM8A+E/wDhDfC9tYzus+pyMbrULoKP391Id0je4z8o/wBlQOlAHPn4N6NtwdX8VMMbRu8QXR/rz9apt8E9EiYA6n4nMeMc+IbvI/8AHq9Nbtnk+9RzDcvv2plHlFj8ID4Blnu/h/qz6XezsJLjTtWka6tL1hzl2x5kbnJ+dSevKnrWvo/xOhXUk0fxNZN4U1t+IYrxwba6P/TCYfLIf9klX9q7KNTHvDZHzeuM1n32i2HiHTbrT9VsLfUbCY4e2u0Dxt7AH7p9xzSA0fmZiCDvOBtA/wA4PtzXlfxc8balcWk3hzwQtxqXipZreWdrFS0VlGsqlhMwPRhlduckHPeuV8bQ+JPAt14y0bwz4imttB0vQE1f7NqDNczwKzSq8VtKctHkRYG7eBv4xxj0t49O+FPwrvdS0XTkW1sbA35hkky052hmaSTJJYg/eJ4I4xQLYteEfAMfhme41C8vJNb8R3XFzrF2BvYZ/wBXGP8AlmnA+Vce/Oa6Zcr0yvsOKI9skUUiqMFQw6HqM5z3+veimMayhcFRtdejLwR+NcT4g+HMdxqb634cvD4b8R4y9xAmbe6HTbcRDG4HGN4ww7HtXcMvy5qFjuAyOhyM9qAPOovipbeHFaz8b2h8LanGCVzmS2vQB1t3AO4nI/dn58kjBxmuV8X+LL7XNNSfV7mfwP4cuCI47WMZ1nVc9EiRQWiDH2LkY4XrXZ/FuMG18HzNwsHiawPTj5nK9PxrqG8O6e2uHWHsIW1RYTbreOu6RY852gnpye1AHlPhn4Z6lrGnCzntW8C+Ey2f7Ds5ANRvs9TczgkpnnKrliDgt2r1DR9GsdA0uLTtMtYrCwhyqW9uuxF59O59zzWgyjLcA54IxwfwpuaAI8srkqzK2c7lJB/OuW8WfD/SvFFwt+fM0vXYVxBrGnsI7qP2Jxh1x/C+R7V1fXNN3HPX2pAct4T+H2meE5pbyNp9T1uZcT6vqD+ZcP7A9EHbagA46V0W0KQR16bu/wBPpVhlBXGOKiK+1AELKGz8uTjGfb0+ntWD4o8I6V4usVtdWsUu44zuiY5WWFuzRuCGU/Q10X3elN29zzmmB55Z/CWyW9gu9c1LUvFbWh/0KDWCrRQenyqArv6M4JxjmuwaIgg8bh0YDBHtn/Dir0y5yMYHpiq/tQBWjhWORXI4DhiufTv+eOK5vwX4Sk8I+GbbSDMspgkmYPEpVfnlkdeDySA4Ga6zaoYb8bQcn0weMn8q5jwP/acekXw1fzjcx6peiJrjlvJ86Tyse2wrj2xSA8u1ia88ENe6rYzQ+IfBMmt777SrrC3enXZugHaNujJ5pB2tyQT2r2S0s4rCFYIIY7eGItsjhXYq5JJwMDGSSenUk+9VW8G6G2qLqLaLYNqKSeb9oMClvMz988ctnv14HpWiybV2j/8AX7n1PvQMhky3GSR6Zqrc2kN5BLb3ESTwyrseKRQyuvcEHqKu+Wcdaa8QGfWmB414m8DjSvEWgeHdN1K/sfDWtfaftOmxScL5Ue/y43PzpG5JBUMBwccV3hsbbRdNitrKKOzs4FCQ28K7VjXPQD/OetUvGlq8ni7wPPHGzCO7u4pXCblVXtmwWx05UCuiktUvIyj8gn+tAjKYus46hSMj3pzRl4Wb7rgZBzU+tQ3ENjM9jEs12sbBFdyoHy8N909DVLw617qeg2dxfWwtriWGOR40k3DlQSc4HfPakAW8vmSN5gIKqCOad5W66fnjNX3sI5GDc5AwPpSNZqudtAFUgpMEHIIzn0q0i/IMiljh8vO7mgt2xTGFMahWNJJQO4z8KRqfjv2pjEN04oARW7VIntUWw+uKmTC8Hk0DPZV+Q5xx2p3lvISVGBViYLtAxSKwAHTFQQQFGMRUjk8VLzCgVkJ44IpxkCtn5cUrXG1cDrQKwWm5eSuCetWvM3cGqay+o5qQybYyQaYErNtU968v12b+3/jtY+H9Sjjk0ez0J9UitpBuSeczCMsyfx7FB+Xkc5Ir0jzflz69qwfEng/TfFlxY3dwbm01LT2ZrTUrF9k8G4YZeeGUjqGBHtTBnAfHzwHpGlfC/wAYata2NvY3RsId0KII4m8qdWDhcbQVDMpYcEEZzVX4iNJda98Kpr3w3bafaReIIEVpJoJsK8LgJtXtkKcetd7q/wANtO8QaLqGm6tfahqC38H2a5nMyLK8OcmMbIwqgkDOBnil8QeAdO1+10e2urrUGXSbiO6tmjnCuJE+4znAzgHHoe+aYjP17y9U+KXheK/tr9bKy+0vZt5cf2aW7EYO9iHLDy0ZguVwSQK7z72P8/8A6vp2rj9S8OXWseLtI1PyrWCTSZt8V9Hcu1zNEY2DwugQKFZ2zjcfuA8Gur3/ACgq2VPI6UASH7wz0prNSeYahmYjoaBokZVkXnrUflgdP/rGoxIRUscmVxgk56DqeDx+lIZ458SLVpPFnj2PaQLjwDJgDodss46d/vCvQdNms7jwDYy3scc+myaRG9xHMoZXj8lS6kdxtOcVnS+LJNe1zV7LQNItdXfSm+w315eTiCNpCAzW8Z8ti5AKk5wgLYJp3hTxVp3jnw9eeRFJaCIzaVe2MihXtJUUo8RA4zg5GOCMEUthHRWd7bXmn2tzZyrNZTQo9vIgwrRlQUIHYbccVJu71k+G9DHhnw5pOiCd7qPTrWK1W4ddpkCIFDY7ZxmtJTuz6U7ghTJ2prSArjtTWUVBOxUEjtQDMTxp4d/4SbTbO3S6Sz+y6nZ3/mSDcp8qUPs68FgMfr3redj/AHWAIyCc9OcE8Y9PT8q8ujaPxd8bPEulaxHHeadoWmWcljYzjdFmbc005jx8x4VATkDHbmszxX4etNB+IXg/w7bL9j8OeI9RuLy+sVJSJ5obZfKi4P3SV3FBjJGAMZFMEeu7wyb1ZXTqGVhtPbAIJyR6ccUv/LRY8qZG4VScbvQgHHBryzxFMfAfxT8JroFsltaa9a30N9p1uAsLNBGJYpggAUMG+UlQODznFZfwu0PTvH/weg1jV4ludf1iG6u7rVpB+/hn3OvyyDlFj2KNqkYA6YoGexqy7jh1IBUfeGDkkAH3JBHA6ioxKA2Dy6jcY8/NxxjAzznr7g1876T4iv8AxPdfBfxLfaYNX1zUdO1BJgGjUzukS4fcxUcBCw+vFdf8OWhHxQ+Ikkmjf2VcgWEoV9knyvExJGwkAsQGJB6k+9ID11mC/LnJXgn3H4CmqwJNV1l3YpsUhLEZGKAJ5OelMyB3p3PJqjPIUY5NMCSebb3qFpBTHO8deai3HnIpAOd857AdT+HQD15rD8M+JJfEh1xpoVik0/U7jTtquWDJHtwTnncQa1i+OTwBn/AfzNUtEvtP1C71VLIRrLa3pjvNkYU+cY1cEnuSpU5pbgaZ6nJye56UwqOads45PPeop22RnuaYDHYetRkhsbjhcdR16+neq+48Z70x5DHxnAJ2n6dc0wPP9N+I15b+PNT8La2sVpK1wYNL1K3iYQ3D+SkhiZWJxKgkUgZwwPHSqDePtbsY/BU0t1psUGtXs1rcF7Z1WBUV2Uqxk7+Xt+atXUPBX/CUf8JRa61bC0sL+5iurO4t5R50EkcSIJUx91wyBgR1DEVzd18P9Zi0XwZYXUVlqTaPqT313NJKqxTLmUYVSOSQ68Y46UAdP4b8XX2rfETxJo7XdnPpumw28sT2keHcyo7EF95Hy7CMYHGOa7PczMS3IPRgOPw9vSvOofDB0fxl4l1e4s9PsfDV7p8NtKfMEYQxs7FnRVAKtvIIDAkVr/Cu3Nn4ZuYFWL7PFqF0IXtiRDJEXLgxA8hRv24/2aAOraTy88YqOOQSE1LKpUYYgnpkd/eqykLnaKAHSNtOCc1FJIVkAHINRs2ZORVeVjvGB9KALeOOeDTHY9Sciomdj14qOWQrxQBYRw3emsQvPWq6knJpNx7sKQ0TtKpwacG3HIqm2c+ooG/6UFHv7Dc3tSiHPapFUelOPy9KkghaEKOFqMW5Wri96bg9hQBD5Z2+9RNG3SrqqO/Bo2rjnmgVyn9nJ6HJqSFWhbnhvbg/nUhbHTiiMgtk0wJimRgnPeq81tubPbtU7uKY0meKdxEMkO5Rk5x0zzimpCzEljnnNSM340xLgMxX7uKAFaKoZI/zqRpKj3AkknigAWHC8803lcEDknr+GAP8+tPMoVeOTUSSeZ14/wAj/AUXGeZeE7eX4aeIfFlrqFneS6Tq+rSa1YahaWj3Ct5qp5kDBAcOrDocblPXIFXfhb4Xu9JuvFWs38DWba/rMmpQ2kq4kjiCJGC4z8rNjdzyM4PSvQciMkg7SwwdvGRUckg+fdls/ePXOfX1P1pEnJfDPS9V0fwRZWOtiX+0rWS4jk86XzHZfPk2Hd3ym0j2wK6ZY/wrnvBniaXxJHrQuYYYZ9L1e701/JY7GWNwEbnncVYGugaZc/LSKEkt93Q1BNEQODVoPtHNVpZAeBTA5/WPBNnrmqWmr/abzS9ZtEMEOoWEoR/KY5MbhlKuuecMDjtUN14B0rUrAwXpuL2cXCXS6hNNi4jnT7kiuoAUgAD5QBjqDk56IOF4OCPcUrSA85J4x1p3EYVn4TsodabVpbm51DVvJNtHdXjq3kxE5ZUVAoXJ6kDPbNZc3wz03/iYw2t1qmm2N9LJNdabZXKx27s/3yBtLRBu4jYA598V1jOWbqT+NJwADgY/u9vyp3HucnqXw507UdS0G8SS5sX0JSlhBasiQRApsbKlcnKfL/Kn2Pgex0/xXqev293etfalHHFOjSpsdUBEYxtyAoOK6KeQrhlXtge1ILgY+Y84x1pBsR/ZwDjd9cCnpAqdOtNaYFvlwB9KVpV2k9TTGSDuDVS4hEje1SvJtUEHrULTBu1ADGtxtxmo2hCr1qU3C4PFV5JN4yKTAa0I6k4WsvR/DtvpN5rVxDJLLJql0LuZWKlUfykj+UDpkIDz68VotMNuPesLR9JutP8AFnim/lZfsmoyWslsqygnKQhGyuOOVH+TSQG+zAsx65ORz2puxXTmoWdlb1Uk+1DSAKcflVANkhVvmP4VXkt0fIJx64p0822MY607cqwjPJoAgS3Eb4XAz6cfSmSWqjJ7dfr7n1NKJxnPSh5geAaQEH2dQBtAGBge3GKl27QNxycYyevrUZm2nnmmTXA8vPei4EknzDGajWEDJqOKZW60vnbcg80AMliLNkdRTVVG6rzUiy7mORUMkmORxTASSNW5xzTPs6sMtTlf5ar3Exypzx3oAkWNfTFL5K9cUnnDAPXNNmk+UgHmgY7yl9KXyVwKgjuAV96cbjK5AzQM98Q7sGnNSomKVlG6oIuJz2qNmOetT4G3rUZjDdOtADGkC5z1pY87ck8VII8gZFO25XntQIryKaI8r1NYvxA8Q3HhHwTrWt2to19cWNsZlhVWIOCB2B6Akkeg45rK8L+Ir2/t11M67p2v+GpbGSY6np9oUaCZShCsu98gqzED73yHOKAOuZlbgNz3FOHzLXnM3jK5ik+Gl3a6xHqema1dSW95OLQQC6XyJHSQZJKLuj7Yz24NSa142uJdZ8B3OlXssOjapqklhcR3NmIjcDyZGVlaTBCho8ZHXPpigD0LaFXjr3qtMoDZAwaxbT4haPfXWnQQvc7dSeSOxupLZ1gvGQElY3xy3DdRg4wKwZfjR4YS6jikbUorc3x057+XTpUtop87Qskn8O49OOvXqKaA7X73U02ReBXFW/xk0C6jupobbVvsdtO1o901g4jNwGVRAGP/AC0YsoVT1yeaZrHxm0Tw+1xDqdpqtrqFrPbwTWJtA8q+cSIpMK5BjbHY5BBU88U2B2+NtM37e1cTafF7T7xry0/sbWbfWrW8jspdIurdY51Z0LI+SwRYyFPzk4GB61F/wuLTJNH0HUINM1O6XWL+TS444YkzDdJvBjc78cvGygg44yakDt5STg4pg3SNhThm4GKzPB/iy38ZaXc3MVvPYz211NY3NndBfMgnjbDISpKnqOQe4rYwisSDjByOe9AjC03UNP1DUtWtbAL59jcrHfBIgh854ldWJx8xKsvNaqwlmDY69frVPTdAtNL17XNRhmkaXVnhmuInKlI2SMRqQByNwQde4Na+4H73DdTQUQOvy81WMed2OOM//WFW5DnvmovljkVv4lI6/wBKYig80X2yOzM0YvJF3LbNIPNZf7wXqcYNO2naSeBjOB1x6815/wDEbwPo+qalp0NjaRp4rutThvV1FUH2qCKFgZHLZzs8sbAvRmYDGeR0sfjrRZNR1G2dr21bT45J7iWewnhhVIjltsroI2Ppz82cikBqqwcuFkUmPAdQclSRkA+nBp2SPcV4j8P9b1LQfiQJtWg1K0tPHEbXDR6hayRJbX6nckMTMuCpgKAc4LRt6863jr4g+K9D1bx1/Z02mJZ+HtMtdWijmtHZ51cSl4s78A4j+924+XGcgHp91fW9pGjTzxQLJIsEbSttDSMcIn1Jz+VV5l5AQ4PvXknib4keJdH1SfT76TRtSSM6RqKsLA/uori6MTxgM33lYLtkPfPHap/GHjzxVoOq+Nnhu9O/s7w3PYSi3azZpZoLjYChffgEbjg98elUkM9XjX5sEgVUvtUs9Mmtobq8gt5LuTyrdJpFVpX67VGe/wDSvNJvidq/9n3XiO2eGbTrXxE2iPo624MzR+csG9ZAxPmhmEm0jBU4xSfEPxL/AMJNp+gS2FjqGn3tj4k08xTatp7wqDKzplQ3LjjOAR2piPVGwCVznHHBB/lTeVBPWvLJPiHr9noclpPLDc6wPFDeH/t6wrGu0KZBJsJKhiCqAE9SKzLXxR8Rr7xXN4bfWtI0u7j02e9Ei2qXJJSUKglw2FJVkyB03E0Duewctz0UnG7sPf8AnQsZ2njHqK8g0fxpq2v+IPBHiGaa6htr7w1cXs2kWMKyeZIkkJdUBHzFsjHPYYxkivUtD13+3bL7T9g1DTBvKeTqVv5MvHIbaSfl96TDcmkjYZx17Vh6fquoHxz4g024z/ZltZWU9qfLwN7mYSjd3+4n0roWuAI93GMdjkfnWHD4uguPFk2hGKTzI7FL3zN42lWkdNoHqCn/AI9SDY02VixBG0Dio/s55weKn+0R4GWGQBn64pjzKozyRTGQTW527ifrWJrnirRvDciQ6pqlvYyuhl2yseEGcscA7enU8VuTXCNtBOMn8+K8z8a6Tq3/AAk2saz4Xntb3UV0yKPV9A1IYiu7UbypSQcoxG8c/KcDNMDtIdUtLm8NtHOssqwJctGmeY2JAYNjBBIxjrzmpvLaPC5DHP3sEexx64/rXm+i+NLq/wBQgfTrpbLR73wf/adlBexjZZyo4UF3AyygFfXuegrl9D8SajqHxR8O2Wtarq1nd26TCexu5ITGN0KspWRE2yJIQ2G69gAeaLC2PadSvodL0+4u7t/Kt4ULtIqliuCM8DrwRwOaXy/OUMD8jcg4JBH5cfjXh9x4/wDFGoeGNS1uPxVaabMIL8S6Sux5Yp4t5jVI2iwm3YQS5IYe5BrT8XeKtckvdYl0/wAS3VrFb+GI9YtobdIirT5YFSSpLKduep61Nhnrwsyx3A4/HNEkLBwM5pmk6kuoWFrc7tzTQpIdvTlQePzq3JIFxzzRsBXCMv1psluzYNT7i3IpNwbPb8adwKvkP24qGa1JyDVtnGck/hTJJFH0oArRwHbg84pvks3Q81YedY42bGBUdvdJc5KjAWmBDHZtHnninR2hY4HFSyXAUhT1PSpEmAUkUDR7x5nqce1JuAXJNVpGB5bd7YFMMTSYZgwHeoIJbi5VcY5NSJN5LYbnJ61Q8grsZQz7Sf51aZTdKmwFcc80AWxIM4qOa5EXUcetN8thj1pJFPQjNAGR4ovNSj0C9l0RI5tUVV8iKYqqyHcMqS2AMgMOtcLovgmWz+JX/CUaVoX/AAitvJZ3C6lZJcQhNRmfb5W1EbYpU5O9sZyB3Ndt4q1YeGfDupas1pLew2ML3Eltb7BK6heSNxxwM9auaTM2padZ6hbpIILqBJY9yHIDIGCkg9ACPUZz6UAeN3/wn1zXPhr4D8MX9qsQ0u8aS/8ALvQv7krKuYyOrAShsf7Nac3hfxjqmj+DrHWodOuptC1RZXvLW42NdW4ikhGI9vySbGyQOMjgCvV1h3JvjwqjncGBBwepxxk+5z7VzF54nWz8aWOhz2qRwXVjPerftcJtBjZA0ZHZsODknvQBy3hv4b6rDofhPQdRazk0zw1qK3lvqEEzGa6jjL+UhQqCrfP8xyR8ue9c5o+l3fj6z+IfhqGXT30eXxTNPPcrc750QNBL8kYXHzFBhi3rXt11JBpsKT3l3DbK7BY2mcRq2cfKGJ9PTgjPNc34h1ptA8UeGdMg021EGvXEttJebljaJ44mlA2AfMCOcjimByzfDHU9X8K+IdJu7uztbu7159fsbq3kaUQTeasyq4ZVyu9MHaf4m69a5b4zeHb+00m98X6pJYQ63JJpdjBDAXeCNYr1ZSTuAY5ZySB91VJ5Ir2WXX9ItLdXm1fTRGWMX7y7jUFgvTnuB0GSfmrmfiJ4s1Dw3pPiS+s20fUv7J00XotZZ2NwWy24yIB8q4wQc8n6mgDntY+HOpa3qFzrqarp6X13NZtLbbXn0+e2gD7Y5OVZ95cuexCqDkVHpvwp1fTbHSrNdasGhsPEj67C32F487y+YThuP9b9MAV0fi7xLqei6U0unXOkfa49GuNQXT9RkcXEhVFcFEXGUAEmT64rR8M+IrPXNN0dPtdsNTvNPgv2sxIGYh0U5C5B2FiQMnPApAM8GeHbnwzca+01zFdRanqk2qJHDG0flGQKGjJJIIG1TmtuVg0Y6EAgBgevFUtc8SaP4XiR9W1W3sEdWZGmbnanLkhc7QBjLdBuAqA+I9JfVIrBtVhN1JIqhF3NuYpvVQ23aGKDdjJypBwoNOwCWOgta+M9U1wXO6G+srez+z8/K0TSsW/ESr+VaU8knmfLwDyc/rXGaf8AFjRf7S0nS5dZt9butUnuo4brTbdxAqxOcK3J+YZVDg9eegru3h+YnIzk54755o2ArfaCqABeR1NRLJJLcFgM8flVuS3/AHZxwe9RR2/UbyvGBigDiPEXws0LW9Yu9TuJdW8+9VEulttVnhikVR8qsqMBjqcHuSe9a/iTSIPEmknSrxJhYyqEZbeRoztHG3KkEDHbOK5j4teH9Wi0nUNd0zxFqtpqNp5UWlafZMFgmmLKBFIhH7xpGY9chVwRjBrqte8SaV4X0q+vtQvbdGsLdpp4Y5k3nauThevJ/SkBQ8R+CdM8WWNlaanFcSpYzpc25ineN1kUYVtyMDwPU+vrWXrHw70XWLrWJryO4lm1S1WyvQL6VBLCAQEIDYHBPI55PrWNdfGyG10nxJfNoF+W0eKO4dbeVHjkikIG5ZDgZQn5l7cU/wD4Wktrql3pV7pFzZa0t1aW1tZyTo63P2nd5TeYvCfcfOc/d9eKaAn1L4Z6Bqc267tLq5laCK23f2lPkxxHcmcOPuHkHrk1LrHgXQdWn1Rr7Tpp21cRi78y7mAuAn3CQH4K5zxis3xJ4+T/AIQ/xjLeaReRXmgFYNS0+3ugkm1gjCSKYY3KVII4B4YHpWL4J8QGx8d+LfDdkG1W+j1t7qOG6vSPstmYI2MrO+4sgZtoC8knsAKYHaJ4B0aPUv7UTTx9oMqTvmaQxySoMJI0ZbYzAAfMQTwD2q7rGg2PiiG3g1KNrmO2nW4jRZnj2yjlX+Rhkjtmq3j/AMSTeDNOt5o7NZ428wvLdXAt4YtqghGbDHe5O1AAcnOcVzU3xPjtU8PS2GnK39uacuqW66hcmHzzwTBG+0qZApJ2kjIAwaNQNvUvAPh640nWbOTSo57TVJhcXsc0zyrJMuMSfMxKuOMFcHge1cnN8JbODxhpFzZWNnbaBZafcWZhF9PDK7SyK27IGX4Xacuc59hiPxB4y1Kx8W3Wl6RpVtbO3ia0sLyS5vHcXCy2+5GHyny9yoBgDt65NetfYYvmwzDcOoY/oeKWoHPSaDpN6NLnk06CSTTAfsLBCvkAqAQoBxjCrweOBxWh9oZmBwqnOOOMe3tV9dP2j7zBfbimLYouccjOcmgaM65aQxyfNzXMQ+G2j8YHXfOT5tPFh5O3ksJ/M3Z+hNd1NaLLGVPHuBUEOmJ5eGLMBz1osDMZoXVJWBGSc0k0rt8o4GBnH0rZazj56j8Khazj9TTEZEkg3KD1FY2reH9H1q6judS0q0v5woiWWaMGQICSF3dduSTjpya6lrOPd059aiaxj8wP1IPFA7mBdeHdMkvobuTTbNriOL7MkhhXKQ4I8sccLg429MVWtvC+iWaRxw6NYRpbzLPD/oyHy5FXaGGRwQOPpxXVtaqx5HvUUlmq9uKWobnJzeFdIkuLy7fStPNzeJ5dxM1rGXnXjhzjJ6Dr6Cq0vhfSz5Tf2Np7HAhO62Rj5Y/g5H3fbpXZLaRtkFc4oWzi25xjHTNFwOfso47G3McUa28UR2pFGoVVHoAKmd24IYnmtKSzjbJ2ZYnPU0gt4o+iYP1NAykshTLFuvao/NLZG41o+RGx5Uc1D5MeTwKQFAyHOcmhpizYyT+FX1hRuNoPtSMiLxsC56UwM2be0bfLxRZSLHkE9eoq/wAbsHgHtTGt1bIGA9O4FO8YyTRlRk+1WFjbaMrirHk/dwOlWVQMoGKLjR7dGB6A07cOc/8A1qo5dXYA7jjNEcspZVYAA+pqSC9GFbkfpTlXaSRxTIx5agZB+lOG6QZBwKAH5zS7Q3Wq7yOvK9Kem51BxzQBk+NvKTwT4j819kTaZdoWboMwsB6dSRjHevCfC/iGKDwTqMfiezmvdebQITp9xprspurNYdvkwMARHOjB96n5jnIyBgfQ4mkVnH9BThcXHmZWR1wv3lOD9M/ifzPrQB83TCK80H4madHH5lpfaDbX9h/Z9nPFbG6VHBaEkZ3bhH838RzwMmuquPAvhSHWfAWoS6BCfD81ldx3oNnLNGZ5IocGYEcElGGCD8wr2JpJWkiYTMhGTwxBFKGfduDE85znp0/woA8G8GeHZvB+rabJ4l0i8vfBVzYXtlp0dxavcmyje68yGKVNrEbocbWbp09ah1rwb4ub4d/DnSrU39rrFrqM+29WB5zp9s6TLCJSOwWSND1IAr3l8CT68H39j6/jUkgCpkHb3JNAHgmt2t5rHh/RmsfDmreENZ0+zubKRLfSmudPlY7A0EqYBeObG5JM7gQ245NL4s0HXtSn8QSt4XuoLjVvAi6ZKlnbl41vcswgDA87Q23OSBjHavbvM3blR95Ubd248Djv+Apky7VUj1A46cdvpQB5B4y0fVNQvfCN1B4f1GV08P32n3rJAFeJprdEjjYk8/vUYfTnvR8D9I8UeC7OHSNb0i8uLa7tYZTqcwj820lESxtaz/N80S7CUdRgAgYzzXrarnI5AznHv60NCihcDGAQMcY9hTA87+Kmi614murGLTNOF9YzaZeWc81vPBHOrShQkbvI4PkkKS2zklR64rkfA/grxhpF14du00q80W9hayh1KCS6hnsLyCO3SJ5mXduiuQEYAqOgHPNe2NHvUAE5BJ5759fWnJCYY+Fwck8deep/z/WmB4/ovg3xPpXiPS9WTRo2Fj4h1a8MUl9Cn+jXkZVXBVj909RgHn3r2eaRAzcjAPG7IOO2ahYOyspyVznb2P1Heq0iM0hXb8uOfehgTfakOcMvzdOaheYcHdjBqkLdkkU7eBmmzW8rdjjOfwqQOY8T+G/EWueI4NT0/wAT2ulW9nHtt7efS/tAjc8vLuMq/NzgHBwB9czav8O/Dmvabc2+radZ3WpXdm1teaxFbRR3crNGEMgkUZVjjI54GK6i3hZckAqeuQcUxowrlto3dM45oA88vvAWqat4Q1bw9rnjOfVTe2gso5pLBU8iEHljGGG+Q8ZfphBxVbWPhUniTxBLrFxrkh1FltGt5bO2GYLi2LFJFyx3D53DKQMhuO1d7c2fzZWPAKnG0YAPr9eKq2KvI0CPCzfLgs4z36c9qaAxNR+GcereHPFVpe6rs1DxKiR32oQ2wjVY0jCIqRljgKuerE/Nz0AHP2/wcij8RTa1H4jurXXGvo76K+t7WNGhYRCGSMDcQY3jRQVOeeRivTPn8/Z8qgdMVXZZWfZtbJ/iYmqA57xR4Ui8VXmi3banc6bdaX5oje08tlYSxhHG1wwU45B6jsRWIfhLZN4StvDK69qU+kw2RsDHNHE++PdkMuFGyRVwqsOo65xXdNZSzKo2hW35JXpUUto7SHeueeM9ue3pQM47VfhbYX17fXw1nUra7ur20vY5ITETbyW6hYypK8/KNp3Z7mux+1JHwCxGMDJyfx96LuC4kWERRbgCc847Usdq8kaZXlQOtIQq6mjqeTmhbxG4JPHfFR/YQMgLimtZybdq8UDQ9boSOQpPPSka4C8H7xqG3tZYrj5hn3qSS1Yyq2fwpjI5rtEUcdaqS3h8wAcinzW0vlkYB54qAafKrIxII780Ejbi5O7HI9cHmoBdGRkMZYDuGp01hO9wCuMd+amGnssY5zSAVrwCMHHXtUMl58oGM0osHBHIx6Gn/Y5GQdKQysZmVyQeCv60z7QG2Bg2CKna1ZDjFMWzZmUnoKQxn2jaMt26VD9oMkgxUv2N2Zg33exptvatFKxZ9w7cUwIZZjGwwOKrtKRuYdcVoTW5kIw+PwqGSzGTg9aQFOOY+YW2/MQDnPtVa7upZJIiFBPI64rUWy/eBt2Biq02kFyr+YQUJOMUAVEvfM8skfN3oW7d5lbbkZI/WrLaX5JDqx468daI7TkgNgH2oGPW6kX0INWbe4LSBTUS2W0Y3/pU0Fv5eDnNAz277M6tuz14p/2devINWOM05vmUgfe7UEEKwqqgZJNSBTtwKRW2ryVBqfemM0DKc8LKo+Rm+hp8MZRRwRjtVhmDds0bQFyOKCSBYt3OOtPaPC9O2KfuCrmmpN5nGaAI1iXcDtGacY0UH5eT1pJJBDgA5NY3ijxXa+Gba2luQ0011Otta2cADTXMzfdjRSR6E7jwMdaANTyk7LQyjGTjFc1F42S38QWOjatp9xot1qAY2LzSxyR3DLgmMOpIDgZJUj6EjBqtofjubxNceI7WHRXtbnRLj7JIJrpSk0uwOQm0HC7SDknvginYDqhEgBKhV9eKZtRuCvGa5rwR4yPjzwdp+tx2Lacl8Gkhg80SOFDFeePUcexFdMq/ufm4P5UgG+Uu4EDimSbep61DMrtIApIH1pzQhV9SO+aAEO0ADAqTYNp4qDcGQtn5hU4yyH6U0BFt4qNhSbiFJbmoZroxsCEypNNgOKjb0pMA547YqKK4MikkcZ4qbAC5J69/SpAi8xVG3IFRmMNyDULTqZGwMnFDTOQu0AHHIoAkKBVxVfhflAwKcJJCOV+tRBvMBOMHNMBriOSYZOXX8KmXDZBquy+XM7D0pxbuOOKdwJZF2rxioJJlX79RTSH5Vzyzbc+nvUE25g0bHOD96gC6o78H3qPiHJJCLnG48L+frUEkzLhAedtcN8WbcXXwz8UrMqPt0u4mDN1VkQsrDjOcimB3m5AxBcA/XJ9iAM02SYb9vQ9x714FqkkmoWvwc+1eGl021/tK0CXEssLrKJLVyF2r8wDMqtyOoz3OfbI5GZgcZGOP84FAFq4uFhj3M20A4HHWq0d/GbjyyG3sMjjio7xnVoS33N3JPamSMG1C35DEhvunpQUaLgbeg561CyrtxipgQUBY7Risq4k3TTbH+6Rj34FAFlmB3g5+UU1JFkjyqnNQ9nBbB2881BHIURgOuO1IRf4yCwCn3qIygZPbHSqFxI21M5C4+9UDBiR8zA9aQyz9q8xl+XAzjmia5EZIH0qrtJRRk53daqTKSyquTL5mfqKEBrs49MHFRM4GTuApLjd5DEdcZFZh33H8JBxmmwLf2lZJCoHSpuGXNU7eMCfIXAK5qaZginA5PapAbJcKvGRTZLgFchl3dqpSZVgGXmo3haRlG1sLQBZjui6hm6800XMYbbvAPpUEMLR7VIOOc/nStCQPubifagZd+0oijnPNN+2KN3bms4W8+75kwAw/LFTtbO0bk9M5/Cmhn0CGO7pQuZO+CKlKndxS+Tt5pElVlPAxU6IQFGMg1IV3YzUquI8UAQspjWlVS3P5VYba/Kim+nFAiqykMc1HCpSRmxjdV2QblHtWXrniDTfD9mLrVb2HTrUNsM85KqM9D0PfimIsXK4X5V3k+/SvNvipo+oi88EeIIYZNQtfDusi+vbWFC8ggZNjSqnVihwTtBwDXaal4u0bSZNOF5eeQ+pMFtUMEhMzcHauB1xmtmNtn3WPrnp+JHrjrQB5N4uWL4ha34LtdEuFvE0vWotYvL2JGMdtHEjZDMQAHdiqgHnGc5Aqp4T020vviF8R7m4udYs4JNRS9he3nngjlj+zIJHXZgSbSoX1OOOK7/4gXGs6f4VutS0OVv7Q01kvxAAD9pjjbMsOT0LJuAIwQQuCM1vaXqFv4g0m01CxmM9hdwJNDID8pRl3DjtwaLgecfAO0uIPhjpFldWtxaTWPnQyQ3cDwyczSFWAYc5Ug9e9do2saaNRGnLqVmt4cEWYnRZuc4OzdnB9QD+FbMjEZcnJznPvXlXiQ3kH7QWkS6baW1zdTeF7nzPtM7QDatygLeYqOQw3qBx3NStwO40/XtK1Z5obDVbK/nt+JobedJHQ9CCFY7SD2NTXt1Fp8W+6uobWHODLM4RcnAGSx4xyf/rVwHwle4j8ZfFGO7hgtrn+1rWWRLOTfH81qhALbVyDweg5zXRfFazXUPhj4vgaNZQ2k3W2MpuG4RMc49uuaqwGhc61pNrZ25uNUs7WO4GY5JLiMBz32ksA3PGBkmtOP/Vjb6eua8K8US3t58OfhxLPpNjFpseq6GUuIbvefmYKuU8oAbsnPzV7qsvmSS8/PuJIxjHPSjYCJod3G7BNR3NqG4DH8qsySCP5sc9h6VHJ8xyTimwMyGz8tuXY89KszJ5kZXO3NS+YrZ4waao+bOakCiLMK3DZHTNS/Zwo4qzJtXrUMkwVTjmgCI24VeKhW3CZI4zU3nqW2kYOM0xpF4XI6U7AQtCjMSTyeKZJGq9KTzgxJB4pGlUsvzKBQAjRoQcio/LVl2kZU1LM6qBjnNV2vII5jCs0LXCjPkeaA/5denOeaAHtDGrKdvIGBzWT4g0e18Q6NeaZdNMltdRPBKYX2NsYEMuT0yCelW11ixmuntVvbd7pF3PCsqiRFyOSu7OORzjnJpyspXJPPfHTPemB54vhvw9qeoWnhAjVVbwtHa6jazfalUZO9IvmAy5UIwwfXnJ5r0KNUVV9hjkYP4+9cPbMIPjZraAlTc+HrSUHP9y5mB/mK6qSZ2UMgDBmpgaDKszY6gdscVGbOLzN+xQ3Y4rPW9lt5gmM7+A3oatK8xUFjmgCRoRtCkEgdKieBTzgZ+lLLdPJiOMc96jVm+YE5YUFDZIFZSCOfWq8dm0edzbhV9JFkjz0NU5rjbIydNoyDSAa1oskiE9F7UrQouTjPpQ18iquBuz1qv8Abg25TkZGRxS3AdhW7DNRNEFydozVeWbGBubkelRQ3RjjG8krk8n60wNDO5RkY4xUXl/vMgAcYpsd4jL6jtUMkjOwZelAFjywvOMHpUUyqeO9QPqW2M/uznOKge+Mi8pgdzSAnaJGIJwMdDSMu7hWqlHJ90c81IbhowdopATNHt6miOMM2etRTSv5fPSq0d1IjYVflx1oA0mVVHzHio/lkyAPl6VVuLjzl2Yxxkij7Q8cfGOBT2GfQPnDjFK10iNg8mqjiTfjb2p6w4YsRyRzSEWJLhfvA0xphJkjrTfLZtu0cUSRvuAC80CLNoxaI5OTUjfLgDk1WtY2jyGNWGjO0PkgAYyOeaYiN7hQ2MYx1rzv45yfaPg34yXGALHzFbPAZJFbn07c11Wsa5pmgskWo6jb2ksgzHG7fOwz6DJHQ8kY/GsjWNa8Ga7a22l6tqNhqNrqBMcVuHdlu2DYZAF+8Bz8p6HrQ2BxHjq41z+2fhreX82mPBH4jtNiW0UgZfMiccsz427fQV6BFqurafZa9c3unq32S4l+w29q257iFVyrHk/Mx9uhrPuNM8F6lr0Phee2tbzU9LUTx2M8EjNAv3UkGcgY7MDx2x0rpNTurTQ9MmvdRvU0+xtxvkuLh/Kjj9jn9O/TipAzpfGUOm6Ho2oajbXFrJqUtrbCzEYkkSabGFIJXgHAOQelcx8O9Wg8JeNNf+HskypLbudS0mFs/wDHpKS7xeg8ty6jknAFP/tDX/H8PleHWn8N6I7B316+hxNOv/TrCR1PaVuO4yasx/ArwSLN4ZtGa9vWbzG1a4lY6i0nB8zz8hgwwPukAYxgdKYHa3UoOF5ABryD46+KdJ+F91ovjifQbrXNRjlOnwyRX8kIt0Ks5AXlcMV9OvvXT3dn4z8F5aJ5PHWioNxhkIj1WEeisfkmHs2Gx3NeaftCa5o3xM+CWuyaPcrLqmkzW15Jps0Zju4WWQKVeIjcpxIeeRjvTA7X4RXuneLtBi8cWukyaTf68WeYS3kk5lVHaNS2TtPC8YUcYHaut1Wxg8SabdafdsxtLlXhljjkKllYEMPy70vgXwonhjwX4f0hEJFhYQw5wcbgg3HOMcnJ/Gtj7C4YHy3x2wCRn8BRuB5zc/D6C+tYPDd9pzN4P0xYnsLj+2J/tHmpjYrKADhSMAlzwB06V2tm/lxuq5DgBcMxJ4HcnOf5msvxJcW/hO8m13W/EZsdCWIR/wBnzWqbPM/vKwzI7f7FYGzxN8Rowtt9q8GeGpfmNwUH9p3sZ6eWv3bdSP4iC+DwKVmIteKvip4d8I3q2F9eyS3gAkmhs7d53to8cyShN3lp/tH8q6HT9as9d0+O9066hvrKRQYrq3cPG4PoQTz9cfSm+G/COl+DdPax0ayS0t5H8yU5LPM396Rzy59z+Q6DC1X4V20N/Lq3hW9k8Ja1Id0rWib7O59fOts7WH+0NrfWqA3p5dqIc4bdjGc4qYMWkAz9a4R/iFceHZlsvHOmroZZwkWuWrNcaZOewMgBMDH+7J+Bxg10jeMPDlucv4h0hD/tahEB/wChUhmrf4WH+VUA2yRxuyMAhfTio7Pxr4a1S6Sytdf0q8upDhLe3vopJHOCSAAc8DB6VwWqfEDV73xn4k0PSr7S9O1fTSgsNF1S1bzNTjKKxkDl0zksVAQHlefShAd/IwiVpZCFVV3MzMFUD3J4/l9a4GT4prqV0/8AwjGhal4vt7QkXt1piKsUWP4EaQgSSf7C5+taeveBbvxpq9x/wkeqB/C8cuLTRdOJiW6XsbqTq5/6ZjC9jXYW9vBY28NtbwRW1tAoSKGFAqRqOgUDgVQHL+E/F2i+MrSR9JuxM8LET2rq0dxbHPKyxNhlI79vTI5rVMG9SRnIOQcHpVXxP4A0bxZcR3twkthrMI/cazp8ohu4fTD9GH+w+4GsFte8U+BTt8R2EniXSgMDWtFty1zGO3n2gwxJ/vx8d8UgOrXPy4U45A+Ut29BzXnfxV8G3fifxN4Tl0W7Gj+IbeG8ltL/AGfL5qLGwjkI5KMCwI7Bga02t/E3xGOZHuPBnhllw8KhTqd4nu3SBD/31gg5GcV1beFdPuNQ0m78u4aXSYytsy3LgorKEJbB+bcAASwO7GO1Fho8q+HviaXxb4q8RNDp66R4ktdNtoL6zvELJa3KyXHDbcFo2yhBB5XHcVtrp/xMaPJ1Twog3D5f7Pu2Iz1H+sr0BNJs49Vm1NbRF1GeJbaW4iGGlRCSFPYlcnryBxVldr5YBSM5yOQfemSeBazZ+NrH4mGW41fTIddk0xYNNt0sWhtNXjWQyS24lkkYxuM9cZ6cY5r0nwX4ns/F+jma2V7a6tZfs95YXQxNaTDrG4/k3RgRg81u+JvDemeNNIl0rVImkt5HDpJGSssEqjKSxsOUdDyrAjkkV5naeG9dt/F0EV3cPaeJLKIGDxFFEHtdbsQcGC7QDAmXoMjqARgUDPTPJMsmwDG09xg//W+lTNE/l7R19ass6bVIyNwypYHlfXnkfjmlB+TIBJAyO/5+1IDOa1eNgynhfvL60RxsXZiNp7VeMnyglSFI+8D39BTGkUr93B+tMCCKMqmcZqrNE7szAAcYq20ix85xntVeaUJls4GaTHczWhfeSNvC801beRmQ/LjGKsvGPmI/i60kB+Xb2pAU5LWRZB3qsbGX5UY5XOa12uFjOw4PvTZJFVjg9sU7iM5bFlbGcrUiWrBgc8CrImQdWANRtOqgndhcZz6+woHcozWLMx+bvmmCxLAjfj1q48y8btwyM9MHHtnrSLIsn3TkdqGMqCzKspz06Ugs92fnqeaZfXkCoWugsYIbHp71IDWs2ZcbsrTGstqhQ2OxqeG43Qln4qOS6RkbDYIFNAN/s5VOQx6YoazVlC7sfWiG74UHnIpJLja2W5psD37qxzz2oZcd6o/bWdiPu4bApxmklZ1zgjpxUiLfnLFwBz2NL5qyYNV2DMq7fl7GljhEahQcigRaUbunSpBJtI54B529Tnp/Wq6/dI3YqMZ8teuDn+ooA4H4SXEs/iL4jy3YP9tw661u6ycvFaBF+zr1zsYZPHUnJNQePbVbTxR4A/4R9rO3vG8Q3AJmY7Flktn35VGHJwCQOMk+9dRq3g/RvEV/Hqd7Zf8AExUeSbq3nlt5Wj5+RmjZSy8ng5HNPvPAmg3rWbS6VCfsTb7UqzKYmOcsCDndyeevNIDktN/tGP8AaCu/7RazmluPCyeWLKORBtF2SFKuSd3zN7YqfS7S18ZfEPVF1210++udBjh+yQWt001tbmUyN88LADzRsHzYK/MB1rspPDOjtrg1WXTLU6mUEa3rKPNVcEEKxIwOnAI5561n6X4Yaz1abWr68W/1CW3Wy877MtuixCTzCrctvbOMHOPzNAjo2uA3zDjI6Dp0pqSB2I6gdB6VWkY5Y4Yg9KS1Ztz7gaYyeWRV4zhu2K8n/aK8M6Nrvw31nVLyxR9U06BZYNQjPl3EQEi5xIOSMZ4OR7V6lcK7TLgcYrgPjJav/wAKl8a5Vi/9k3BDY9Fz/hQIX/hVOhLGrNq/ii5DDOW166wf++W6U0fCXwpMoMq6vcjP/LbWb1v/AGrXZWEPmWVhKfmLQRk55/gFQiOXzBhMLuOdxwCKL2Cx5hZfD/w74c+N2jiz05vLOiXF7CtzcSXAS4SeNfMXzWbDbGIyK9bik8xmJBJBzubkn8a5PUvDV/dfETQtbRU+w2ulXlpM29QyvI8TRgD+LO1h04xXWQqscKqSSegx0/OmBG10Ax4qN51YE46DNJKhVjUe3zAQT2wKBnIeMvEkdxev4XltFmTVNE1C4+0SOCF8oIuzbjnJkB/CsH4W+E/DV18NfCV2/hvRpZZ9LtmeRrCEszeWuSTt9c1a8WWkq/FTwaVcB5NJ1i36gEfLCwPqeh6Vc+CoWX4P+DCCCBpkS/kMd/pQB0Vr4d0fT5EntdH022kj+48NpGjKTkHBC5HBrzT4peEtU8d2Gt6bc+GYb25STdoevQ3cdvLYkxrtdmJDqVkDY2hgwwDzXr/8AHGfpUK2u1iScMeMjg0AZln58NnBHcTefcRwpFJMON7KoBP0JGcGpWkK4wvFW3s9oxv5+lRyWn+1zTAhN00Y45/2T2pxlcqMHb32g8fX605YRjHX3pGi296AIW+Zi+MtjnPf3+vvXlfxsjVbrwLdyWBv5Y/EEMPlhQWljaOX5PmIB+ZVIB4BGR1Net+SNuR3rnfFngOy8Wf2aby5vbY2F3HfQmzKLmVM7WJZDnGSMA4oA898KxPN8ftYlutG/su5m8PRTL5xhdyRclGcFGOG2lQSeflxXrLMVWRtzcnI3dcHkVlf8ITZL4wTxGLq9j1IWn2EoZE8lod24qU29S3zZ65PpxW39nUZ4xk9DTAzPOby2ZcY6c/yqC5kMoVSxJ3BtvY8da1mhViQVBBpklnDuHydsdTSYHg+teKNY+H/AI81+7uLi61LwOstvFqEMsrzS6c0sYZbhCxLeWWDBgD8vBGKyvEExtfBNhqsF5f3kVv4wEBktbyaRri3N3IgTdvAZSuwDnoBXt1t4RWHXNZvp7kXlvqUccc1jJbrtCqpQDOTuDAkEEd/YVyk3wT0iHwjB4Ysby607TbXUhqUflxq8kbLL5ixZdeUVsDPXAxQBzdhqst98dnP2PVdPifQnmWC+LKhkWdU3qgcr9w4/XrXqLZVTtY8ccVnz+AYLrxla+KH1CdL62s2shBsjMbxMwZsnbuDFgDwa6LyVYk9c89c0wMgszBix6dM024UyEIOR3rTmjTIJA+XpTCqdRikwM+6xDDuXLAcVBJH8pwSMrkCtSTYy4OKbtT7xxkcVIGQq44INRyq0eOCa0Log8rxVdWb+I5/CgCsU+QnbVWTLMAm1XByCfoa1pGXaQTiqW6NJgTt2tgHPJ/CmB5l4f8AGD2OpeL4tauYLGGz1ZbWNru5yCzRo6BdxAVcEcAknLH0x0ul/EPwzqF9b29rr9hcTXjNHbxxzBmkkHVAOACMdD61xeseEdevNQ8Yvb6DPKuoa1p+pWjtNEA3kGISZy4IOI27DhsdKXV/BfiC5vdelt9IIW78R2er2++4hGY4xF5mfn4OEbHqCKAOiuviXoGlPdHUPEGmyr9quIo/soc/LHyY8YJaRQRnHHIq7J4w0WHSbPU1vftdjdoWgazieZ5VAyXCoCcAcnjjNefanpmseG/iJpF+NNR1vPEl1NZRJcRgvHLZlWzg4VsxjuQdy5q1N8K7/RtN0a8trTTb25tJ72W40fUCUtmiuZTIyI+04Me0LwCG+YUh3OusPit4TnWGJNX80yypCHjt5TGGkClMuUAGd69TTPEPj/RdA1JrW8mkjdZFgZkhZ4hMw3LCWXPzEDPToRyK5W4+GviGfStbt4Y9FtTqEljNGLeR4oI5LfYSNgjOF+QAY7AdORWxJ4L1WDxVqWo2DaIbLVbiO7ma8gaS6t5AiqyQybANjBRgtjbuPsaYxy/F7QZ4bdre31a4M1r9sgEOnvmaJfvsmfvAHAY9q7Hd9qgilj5jkAdWGeh5HWvO9D+Hus6TbeGoDd6ew0rS7nTDIFlxKk2NrDjIxtHX0716Zplr/Z+m2lu5V2iiSMsuccADjNAHvDWoLZ981KsIZskc0zcfMUA/WriAKNxHFIkjaP5uaf5Q4wMU1plPIHFL525c+lADvLB7U5YQI8NSNL8uRRLLu5xigAW19OlSNCH4z0qGO7O04XJpzTkLnbtPpQIcygZ4x9O/1qHaBIPU8Fu+D70xpnbaQOKAz8Mw5oCw+aPzCSeSTmmLHs60vnMuSRUbNIeSQu7oT/OgLDJHHmMucsFzkn37V5/8aPEUFn4T1fw6sVzfavrGm3UVpY2kXmSY8psyFeoQHaD1zkAc5rr9Surqzsb2406zjv8AU4oi9vaySiMSuOgLEjAJ7/8A1q8rh0bUdQ1q/wBF0y+eXX7pUHirxNAN5s12/wDHna+jHPAB+QfOeTSA3ND+OXhOTQNMY3GoyS/ZYQ6w6RduNwRQcYi5GQa3fDnxA0bxZeSWlguqJKI2kZ7jTri0UKODh5FA3cjH0rb0fT7bw9odnpWmobWws4lhhhVidqgdyTyfU9zk0+aSVushZVOQrEkbsZIP1GOlAHkXh7xxqvhPxVqGjeKbq4u/DF7qtzp+ma+0irJayq+z7PM6gY3g/u27HOT0ro/Cvia40X4e6ZdzWOseJLyWaWOZbJRcT7kmkXLbnGBhAKfY+DjqGja7o/iNrPVNO1m5muWSENlDJg7TnoylVZWHer/gPw9/wiPhHSNCF7LfxWAkRLmb77qZWYbvVuefU5qgMr/hZl/IpCfD3xbJju0Fun85v6VF/wALC11kYxfDjxESP781oo/Pzq7GJfKxhj97HHpT7iLcoweS3NAzgJPFviTULy2uT8K76a6syywSz6rZxvH5gCuAd5OCAOmKh+B+pfZ/ANn4du4pLLXdBLWOo2Mv+thfczI3oyupGGHHbrXodvGUkdcZQ9jyDXH/ABA8J3015aeJ/Du1fE+mp5ZgYkJqFtyWt5OepwfLb+FgeeaQHXKwZgT068HipvMU9KxdJ1catpNnefZrmyF1CJVt7qPy5Y8/wuvYitCL5ANxwO5P9KAJyy9zTWcYODUN1+7dMHBY9GUjNRsw2k4PX3/wNUIVpMcZqFmy2adMMAlAzcdwR0/A+tNEb85Q4XgsQRj68UwLEbhcZprTR89ieOKjfhgADnHQ1E0bleFwaBknmKqhc8Hovb8qhuJGWM7fvY4oaN2ZG2fMKRlfqFyemKAJLdmMQ3HJxUMk4DSKMsy9RjpUsIZYxuG0/wB2opICzOw4DUmBDJdLjpuB/vDNVJLorMq7chuc+lStay9iMe9H2GTBzt9uaSAj+3EY2k7unHanJKWyehHWmRWci7vmUH6UtrblC5bnNMCvcSFX+bpUHnHyzgVcubczY5x6VzGpza3beJ9NsbXTPtFjcJKGm+0INzAIQcYyu0Fup5pAapmZSMjrUUtw+0jODjirv2NZMHduAHBwRn3/ABqN9PDqTnnpSArPIVVec5FRTSMuSuMCrh0/bxvpr2YVTznPWnYDO3yTMQQAuO3WopINrR4zyMGtJbTv04qLytzKCckUWGVcFVFQS70wFPGOnatP7OMc9arSRAdRkUCMe5063vRE1za29yYm3xtPEjlD6qSOPwqzNIzqzSEcDBB/i9B9B29O1XRbxSYBUcU+a3ilx8oOOKQGW8jbTIOQq5ANQbm2hizZPPX16j6dOPYVstCnoMYxUMluM4GMUxmdGgyAuADzSurCRSD35H41pLbquOBT/KXc3AwfakM9rVXjmQheO9XJFbbwKarU8fM1BJX2OwGPl9aesZ6VY4XtSqo3Z70AQ+WydKcsTy9RUrAK2Sc5omlEKkjnNAFdlZcg9agk3NIAehqyrb1BzzT1iDH3HWgCGGH+DPFP8nc3JqEXH77YsZKjq/pVjow4JFAEM1uGzk9a4fxzr19B4q8J+FNPnexm183DzX0YG+KCBN7Kmcje5IUEjj8q7xpew5rl/F3g0+I77RdWs7pNN1zR7h5bO5ePejq6bZYnXqyMuAccrgH0FAHPahql54B+IfhPTlv7rU9C8StNZiDUHEs1tMqCRHVsZKMBgq2cEcV6JJax7XGxMO29/lHzt3Y+pPcnk965JfCt5rXifTNd12eyWXR1c2Nlp7ySxJM4KPLI7qrMdvAwAB19z1+4byD0pgVWgXnjJ7nJpvkjdu79OanaVAcVXa4C9s0hEUlom4EqCQCM/Wm+Qq4yOFGBUi3SyEjpimTT/KMcimBG0a7uRxmnMigcD3qtNcuJYkC5DHrUzOVU56UDDhe3NRzqJeGAYEYwwyMen0zTDIWG7FMaQ7dxHfGKQjivE3iG9uPiFpfhLTZ/sUs1hLql7qAiE0kUCuERYw2V3u5IJYEADNY/jXXPE3gGaCC21KPVl1y/s9I0ue8ijD2k0kknnO/lqqyDaFK8Y6A5OSdfxV4VvrzxdovizQZLZNbsIZLCa3vSyw3dq7b2UuoLRsjAMG2sOcH0qr4o8I6j8QtGMGr3Fvod5by293py2LfavstxE29ZmYhN47FVAG0diaaAi8VazffDjV/DE0urXOtaRrGpJpN1FfLGJI5JFPlzxlFGAGXDKf7wA5qt4N1K5+JcniHUJ9T1DSbS11W40uxg0+VYjEsOAZXyDvZmLHa2QFA4zWreeFdW8aalolz4kOnx2WkXq3622nu0n2y5QHYzMyjYq5LBBuJ45PFUk8J6r4S17Wrrw3f2Vvb6xP8A2hPa6gkrrFdHAeWMrtJ34BKsMZB+bmmBwOq/EHVtV8E6HeXt5d2l/pfi1dB1d9LeQLcxo5V2CxjkuAhwOc5xjNdXpOvf2t8dhBb3OrR6cNAe7+zXwuLeNplnCbxFIFydpGQMjOTjNM1X4PrJ4T0zRdP1SG1az1ZNcuL65tDK9zdb/M34DgKGY4HoMDnrW/eeEbq6+I2neKhqkcctnZPYGzFtvDI7iRxv8zIO8DBx0AznnLCx2cjIuT0OScYpiuHUEcioY1DbgWxg/WnwgZfFACyzLnIHNQtJ+BqaWMHGOKpupG7J5FIZJ5hwWzTftKuwXPzHtUO4LuGecZqtkechY4+XIpAaMny9QKb97jvWdcXDBQS2B2q3AxZA3QkUIAeT+EHJFMmmVVXdwW6VSaNo7jcGyT1FREu0hDr93oaYFqSZVxu9egOD9c1DPcKsZ4ByQu4A45OOcj29e9UvJiv7d7edGkhmPlOm4qSOuAQcjr1HNfO02tX3hbwfqej+ILuW98P6rDdnSdUkJ3W1wjSEWsz9c5UFGJ5A29cUrAfSqy56A5Y8KAOvXH4Dn6VHJeKq/eXHc5G38OSffmvDrqP+zfjBoc1poZ1KGfw+5W3jaNBuSVfm/eMqkhWxnkkVofDOZ9J0PxrLDo9wbuHxFdILO0VGlA2xsBuDbdoVm74HHtTA9cN4nJYgDtnv71B9tWRiVPAGaydGvYde0myvrZJUguIUljWdNjhWUEBl7GrhgZWYhcHZjFAFo3iNgjjI6VVa4RJgc5zTIwVfLDHGP0qA/u0JP3u2aALrXCkcZNVJpjuwBTrPM0ZI4x6UPHJuJGMGgCLzvL6nO44qGG4ZdwJyd2Kc1rIzjhQvXrSQ2rL155zS2Gh7XDjgLk01rhtvTmpvJcb2GMmoTaOV+Y80DIWvirD5atPP5cRdh2qpJYseM8ZqSXMi+V1GOaQHuqyupCkZ4qSGcsQS3BOMUxlDMpDYIGKYtuqg8tnOaCS002cANuIoEr5Ysce1MjthGB+dPkiD96AF84yHADD3pZPu4zkU+NSeAM09bdWbOMfjQBWIK5bI6cCiOV9inHJqeaA7ic8UxVHT0oAiXAmLMSoXoo71a84DjsRUTR7Wzjmo8gY46UCG7fmOCRzTSxZXUqSpGDx1qyrKyjHFOwrcntQBTVneMj5gcnHPT1pzfKoAHQYFWto69aaygjpQMzZo2k24U8GoP3mQPLwN3J9q1fLxUTLjNAFNYzucgcHpTPLfbtxmr+0beOKj3Dt170AUvIZmTIwByakkj+U+tTtJuzUDyFTjBIoAqrGxfnpTZIzjrxnNWvMzgjjFQO245xx6etAFdbfqSeM7gPf1plxamQcsck5P+fy/IVNJJ5K7jwOMNzjr0PFSeZvJyMHPSmgK8UXlpjdgj04x7fT2qvLZiSYyhypPBC8VoHA7c1GzBSOOtMRQ+yruOCcYxx09f50jWob7x3jGMMc/pVoyJz8wBqEShmbJyKYDBb+/HSnpCVyQeKXzQV6Me3y4HP1PA/Hr25qB7xExyM+mCM/gaBkrDPNRPArZ96fHJ5i56j2pG70gIfJVc8ZB4z6VH5K9SmDjHNRzyeXdRckD61J5y/hn1pAR/Z1JIxx6Yp+0KAB1Fea/E74jXHhPW9CtZ79vD2h3gmFxrYthOsUwwIo3BBCK2W+c9duBg810/g/VNQutBsjqlxBe3snmf6ZbgCKcB22MoHTKbTjtmnYDeaEHJxyajkiAA45qfzPwHWo5mGxmz90dKYFeRduCMq3ZlUEg+ozx+defeIfDOg6B4DutG1+S61XQr27S3fzo0Z4muJiFPygY2ySbgeoruJLtjGSV7ZxXnXxsvE/4Vfr7StHbiK28+GSTAUTRuskaj/aLKMAAk5PFAjcHgXT5Ne0zWxfXy3enWrWUSxyoITGwUMGGzJJ2DucY4qIeBbbRbfVn0yIai2rXPn3lpqt0fIlZtoduI2IO0AYC9FHpV7Qdetdb0nT9RsJo7i1uUDxzRtuQgjPB9c5461ovM3l/eHI7D/OKQ7GZ4N0X/hH/AAzpulmc3H2SLy/MZi3GSQuSSSFGFBPJC9q07mQL8oGWIzUS3B2g9B396ga4Z5N2OdppbgOZQ0J5+anIu5QCufwqvJJtVT3PakR3ZV27s5OcDPFMaLyRLGpAGB6Uw4PbimW8hCjJ3U9mPPNMY1lAHTFNwOxwKo3krLcAZwCM9aYPuBmc/wCNJiLUlx+8K7eKFuf3gVhxVRpCFY4ycflULsXKHkjFSM02dTgA81BJDtbcpxVFWkjGeSc8VdjYsozTA90bGdwoT94wGMULGcYxTl3blIGKRJJnkK3Jo8wquAKbz52ex6VJsYD1oAZbyFpWWrixlVBzmqcKsblhtYcZzjir0RG35m49KAGN8/aoI1w+SeO+elW2ZduR0qnHCTI25iF9D0oEPkY72UDIAzxUDMNuQuKreIvE2neDdDvNY1Wb7PYWwUSzBC4XcwRSVHJG5gOKdZaha6zptvf6fcx3lhdIGiuIjuU5/kexB6EEHpSAr3s1zHbSzWcC3MqRllgaTy/MYAnGdp7A1wtx8Xrhfg+/j+DREe18hbv7G97hjDv27g3l4znGR6ep4rv7qJLe1klkZljjVt7BSxAx2Cgsfwr59T4erL+zXcW8Vprc+urbNbx2UbXuDKZSU22/C4K8ngDnmqA+i7GZ5LeE3CRx3DIDIkMhdFbHKhiASAeOg6VNux161S0yQXmn2lztlTfEvyToyOhwAQQ3IxjFXDznPNIBu/cTzVSaRyu4Hvip2XvVR49x5J60DGLMVY72GCcYqv8AaNqyMDgq2MVw/wAWtfvfCUnha7g1mPSNOvtYh06+lnjiZVSRXYPuf7p+THcfNVGw8UJq3xsg0jTvEMd/or6PLfyW1q0EyxzrMIwpkQFsYbdjqccEA4oA9F+1H58dQM4pkk3mOQTg7QetTtCOSVwzfe579xUMkKLk/KDgfeHAGfX1oEVVJZJMtgK2M9f5VzHjbx1F4VgtoIbd9U1++bydO0q2P724k9Tn7sYH3nPCgH2q34y8Xr4RNtY2Fk2qeI9Q3fYNLVgpk9ZXb+CNepY/QZJqv4P8A/2BJc6rq1wNW8UX8YS8v2jIVVznyIUJJSMccdyMnJ5phY5S18D+KYwNbg8aS/8ACUTsXuLV1M2kFegtxDwyqMAeap3HqQc5rY8P/E1IL2DR/F1i3hXW5Dsg86TfZXpHB8i4xtJP9xsN2xxXeFN2d3JP945qtqmk2WuadLp2pWcGo6fMu2W2u0DxuPTB6H360IC7Ip6EMCRnpg49uxqncs0Yzjd6YrhP+ET8R/D1d3hG6bXNFU7m8OaxKd8YH8NrdHO0jskmV7bgMAbPhb4j6T4wuJrKBprDWrcZudG1KLyruLPcofvL33qSuCOaYzY2lvmxWV4m8TaZ4P0ebVNYuVs7GHGWYEszHgKijlmJ4AAJ+lReMvHVl4PjggWF9U1q7by7HSbNg891J6AYG1B1Ln5QO5rJ8N+Db661iHxJ4sljvvEEYJs7SI7rTTM8EQ+suOsh5znBAwKAMNfDGsfFdnu/FKXeheHwB9j0O1meG4kzys11IhBU91jB4yN2elRTXXiT4WxqNUFz4r8LR/d1KOIG/sF6kToo/fRgc+YgzjGR3r1dT75/z0P4/rzUXl7pCR8p7kd6YjM8OaxY69pMF/pd5b6hYzLuiuLeUMjDJ547/wCzwR0561qfgR9a4fVvhzLpmoza34IuodA1iQ7riwlUtpuoE/8APaNT+7Y9BIvIPJB6mbwz8SbXWNUbQ9Ts5vDnimJMvpN4QRKB/HBJwJlPtg+ozQFjpL6BpZEI6LyfXHr9K5Xxh4sh8Jx21osMmq65eFlsdJtR++uDjO7r8iL1Z24A9TTfFXxAnhvxoHhi2j1XxVIocrMf9H05Tx51yw+6o7IOWPFT+E/Bdr4Xkubu4nl1fX7xQt7rFwoEsmD91B/BGOgQY4HOTkkAoa1o/iXVIdNxZaPf2Ulsy6ppd1cEwSyNsKbHEb7gDvHzKAQc8ZrlvD3gHxd8MfD1oNDNjqkENxcTSeHAxVVSRyyR2szAEsgOAGGGxjrzXr0kwihZ+GIHG3/PBphkRlzgLuXBA4BHpU3Gc/4V8aaX4vs5JdPlkWaA7LmxuYjFc20neN4zkqR+PGDmtqb94hQrtzXPeMPA1l4mvINRtrmbRPEkA2WusWGFlA/uSqeJY/VWHTgEVzMnxI1rwyy6Vrvhq4v9ekylhLoyFrLUW9mPMJ7srfd5we1MDo/FniLT/Buj/btSnYKzeTDbwrunuZD0iiTq7H26dzXL6L4JvvE+rWviHxeqxywNv0/QiwMGn5AxJJ/fn7einIHStfwp4Ju4dUPiPxLcLqHiaQYjaP8A499OjP8AyygB74xlxyxyehArrZMRncML244yM9KYHmmr+Ab/AMG3k2t+EINyyOZb7w2xCRXTHq9v2jm74GFf2JJro/DHiDTPFumLeWE7GNGMc8MyFJoJB1jkQ8q4Oeufqetb9zcBUyhwf9niuW8aeKIPAvhfWvEJtEd7SHzyscYQzyDaiByOSPmQZPbgdKQHRmzj2gEMP51G8KIc+3XocflXFtJr+n6bbarL4ie7ntyt1f2TW8KQNEqlpI0Ozcpx0JJzjrzXO2niTxHqnw0XxrFqsy6u9m+qw6b5cf2QRAFhbFcbySo++GHJJ6YoGep+QrYOwnd0PU/hj+tUL3RbS+ntppfMEls++MxTvGN3uFIDfQgivO9N+IDfEjxZZ2FrNd6dpI0KDWJUtX8qa4edgqoXHKqgBOQeSe4xWn4R8SXUfizxL4VvriW/TSzb3lpdzkCZredSwjkPcoVYZ6kYyaYjugm1iQAMnPFL61W+1eXGAfm460z+0AFORzSuO5MyK7AtgkdKXC+1ZrX8jSEBARjOSadHdfPlhg7c8UguXmhVucU0qOemfpVT7Y7bSOhps926wt8uCRxQG5ZDBmPApvc4qoJPLVFTkkZpi3ckigfcYHBoDY+jML0pf4uKrIwK9OamgbKnPWkIkVBnOKe0ghjy3A7UjN5fI5GOnv6VxNv4s1HxZ4i1+y0meDT9L0S5WymvLi2M73FwVJZUXeoVVOATySQRxQB23nDHXPHY8UiMjHGea8l8R+LvFvhXWPDcWq6np1laanrUlhNJFZqsYg8kyRuDI3yk7SCCTyDjjFW7Hxvdap8Z20Ow163v9F/sd9Q+zWpgk2SLME2mRQTgg5xycgigD1Xyxg81GW8w884rEu/E1hY2l88+p2cKWIH2p5J1At8njzCT8pOe+KvabfQ6hCJbK5jvoWXcs0Dh1YeoK5FIDkfjpsHwn8QNjG0QtleOk8ZNRa54dv8A4f6pc6z4StXvdNmkaTU/DcZC+Z3aa17LJ1Jj4D84wcks+OSGb4R+KsdUsmkKl8fdZG9PY131vKs0YkBDmRQ7Ejk5GefbNMDK8O+ItP8AFmj22raVd/arCbIDr8rq3eNl6owIOVPPFY+saxew/E7wvYrdMtnfafqDzRKflkdPJKn143HH1rO8SeE9R8P6tdeJfCEIbUZfm1HRH+WLU1/vof8AlnP2D8biMHPWufbxlp/jH4ifDzUNNkZWxqtpdWlxGY7i0mEMbPFLH/CwKfQ9uKAPWvMXjB4xSeYFz6VUZgM9fTHpTd21zkMfftQBZ85SDt5pGwF6VBG21mbqWpzS/jQI4f4reGdW8UReGhpNvazyaZrVtqkv2q48oFIt37sfKdxbceM44qK60K+vvilpPiWzGnnSbPTZtNmUXJ83LyKzMMRlfkKgbcgnJruJD8yleDnOfcYxXnfwgVodN8TW6jCw+JtTAHbmQN/M0Ad/uAQAnnpwB/if51X84Myc5G4H9aVmO0DuvHPNQrCQQfcY/OmM8y8A6tpWl6v4m1PUpMavq3iu40K3umBZ2WMfuLcH+FcKx9M5PUk16UsgVSANpyenB6+1eFWcbSXmnspxu+KNzj/viUV7iqsvDc/hQA5pyoPyfjUTXTbgABg9RUkwLKarrGQxyOPWgRLJMVbCqBxj5RXM+MPB+l+NoYU1azLTW532t7bv5NxbMOQ8co5BB/h6H0rohCc5B4qKaHcjAnAPGPegDl/CfgSy8KvdXy3lxrOuXgCT6vqjCS5kj6hN2MBR/dUAZGcZJJ6TcWzn02809h5cIySxAxljmmYWQDPBoGPt5vlw3XpUgkHNQGPDHFJkrxincCO7lZckNgdB/Wuc8TeF9I8Z6fLZaxarcIoEkMqPsmtmH3XhcfMjA+hFdK0SSKd457Ux4AcjB5AHH50rgcz4W8J6Z4SszZ6ZG0aSEzzzSOZJZ5T1eRySWb6njoOlasLNMSckELgHPP51e8jrletDRL6beMUAU1ZlXB54xTTlgWqzIAqmoWUqpbbxRYCp5hZjuG5duCCMg89D60zzG3BhnOOTnn86tCEvk9jSfZ8KKBEcUqkDjuTUNw5b3FS7QpVelI0DDAzxTAzSsjZIHFZPivw3b+MvDeqaLqIK2mo27W8jqoLIDjaw+jAHHtmuo+z7ckcA1H5Xl5DDO6mM4HS9E8WfZbax1ObSZooEWF761MkklyijBDRsu1CwxubJHLcemRb/AA61XSfCdx4U07VbP/hH5kkgimniZru3tZC2YsA7GIDMA5I4IyCRmvUH2yYHXtUci5YjGf8AeGfx+tAHASfDuG31DR9U0WWPS7vT7Aab5MsW+Ge1GNsUi7gflYZBGPY4q9ofgw6PfalqF3OuoatqLRm4uPL8uMeWMIipk4AH59a6ryUXB3ZwMCmNhWOcflSAw/Feu2vhfQb7V7wn7NaRea4Qbj1ChQO3JHJPHU8Vhx+JtTnbUYJNCWzvre0W6g8+9RrebduABlXOMFeeB1GPWug8X+SvhfUjPpy6xB5JL6c6eYLlc/MgTqzEdhz0rx3/AIRFrfTfE2iaINX1PwZNos5j0zWLaVnsbw/JFFAZFDkH5sgbgCv40Ad5p3ik3niDxFZXcMWnw6X9nbzmnDq0c0ZYMWwAuCMde1X11rTJNN+2tqtmlor+Sbjzxs35IKg9yCDkduteZw6frVxZ+JZR4burqS50HTFW3vIWiWW4hUiVMnb8ygghe5HpxT9L8J6w1rrFvNpOvWRl1yPUbG+tpreO8QtAFZkjB2EhlO6PhSrY6ilYDu9H+InhvVG1cQaxbNFpWxprgyjytjKG3KRkMBuAODknpTZPiR4ek1bTLCG8a7m1CWWFfs8TkwlAOHXGQcnG04I69Oa4jw/4T8a6doviiCbStOmvNVtIJopXWKOBp41CbGhJIDFY1cZGwMeuRTdH8DeKdP8AFkWqRWEX2VNVa/EV5qYllxLaeTIWbnLKwDcHHPoKLAdjF8RNB02OSK/1yG7uWurmGBba1l3MY2G6LYAcsgwCQeeTXT6Pe2et6Xa6np9wLuxuUEkUvILD3GBg+o7HIrz2Pwb4jsfGSastnZJZw+IbnUlX7ZyYZYBFtwE65AP0xXVfDvSbzwx4Xj0y9EPmwTSsrQS+YGjaV3HYHgMB+FA9z6iRSi4HWpYQc896jVhUm/pzSJJZlB5AycYGTgeuPyzXm2maHrHgPxN4nksdLn13Q/EF82pRtZzQpPaXDqoljdZZEyGAyGU98Ed69HchsHIJ+np/+uovu/XGPw9PpQB5x458M+I/E2oeD7xNItZINL1gajPbvOi7YBFIixnPDud4PyjaM4BIGTpx+C9Tj+Lln4htrK1i06PTZLCUmdUm3tKsgcIFIIUAjkgV3Ecm7BLDI7nk0rMrdGHpwcUhnnPhfSNOl8fazcaZFpuo6JeadHBIbODAhkjnJMU2NwkZt7MScN8vTHzHVuPg54OuJzcRaFHpdyf+XnSZXsX+uYiufxFdwcyDMjbh0G7J/wA9KWNVjO0EZbA+Xg8k4/lQI8S+KngrUbPQYNE0/wAYa1dnXp10yLSdVeK7jkRhmVjKVDoqplid2enIzXYweEfG0AjiPj+JIY1CAQaDADgDA5ZzzxTPCN5F418VXnjFn3adbiTS9HK5Mbop2z3I9nk+UH+6g9TXcSMCuRjPemFjjP8AhBvE0rbpfiPqoHdbfTbSP9dh/nXP3nwOeHxRF4p0/wAXah/wlMJ/d3N/b2zQSfKVxKiIhI2nbuU7sYGeAB6aZ/kHHU4qOOVlmZcbRjOR3oA4Y/Eebwq623jbST4f3Hamr25afS5T7y4zET6SAD/ars4ZI7y3jnhcSwyLvjkVwyMO2COD+B+malupEm/cNGsySIVZHUMr+qsDwfoeK8O1Oxbw340msvhxfx6BHZQvfa9DeM0uiwjaWVXj42StkMfKYbV+bvigZ7WidcEEexzS+XtX/wCvXm3hbxB8SPGPh+01m1TwvY2t2peE3MV6zsmSFfB28MAGGT0YVams/iZITu8SeFrfj7sOkTvz9WmoEdJ4k8W6R4Rt4ZtYvo9Ot5pBCk0qsU3scDLBcLjjr1z17VQY6L4CmaEC5iOtajLcgRQyXAkuJAGOCoO0EKcZ44NYnxB0241H4Xyaf4juLPVTLcWSXzRx+RDLGb6HI2FjtG0hTz154zXCx/2z8P8Axh4Q8F6k1zqmhf21HNoOrSj95HGIpVNpMTnDxhsIe6nHagLHubR7WbuVODtwQT6jnpTdp8wADefTp3zj64ri9W8I6zfapcXMfjrX7C2kIdLGxitkjh6DYpeMsQPUknmqLfDOa5Ued498ZzLtyNmpRxDnv8kYoCxzuheGrjVJLWawaG8gsfiHfajdSRyhfLhUSKxwe6lgK9a4Zcnrj1rya1jn+COqGK8urnUfBWr3DSvqN4fMm068cjJncAboZD/F/CevFepNI23B+djyGHQjsR7UwsSK26hlC855psO7aNwwfSq+cyHdnNILE27PPSkITbgnIzmopmG7FRFSqkjpQFiaTy2BAOD3FQ+bGpxnmmrtYu3SqzMPLkZiq4BbcxA246k+goAueap5zmmtMvXFUdPu4NSjMlncQ3iqQH+zyK4GRnGQeD9asup5GOKYxxmXqelPEit84OQarmNvLxt4akhj+zqqNSAnafb9M4qjdTGYMFXlTVh4ZZJFAKhAc5pZbcsWwRg+lMCi0oC/ONpAzSSzGaMqeOMmp1sizFjyTUbWZLHDbeMUxCKojtwRVaW4ZWGACMVe8lfJEZPI61B9jEYJPzA8UwM7zJHkBbGMZFPaZ22qrKCR1qxJa5XJGR04qBbJIjkFqQyqZZfLyWzhsbqmt5CysWO7BwDTrix8xDs+uKitYXhB3DaM0XAqMTHk7v48VXvN0zNskZGVhjB68VrPDGycjPOaj+zRddgyTmgDNCvtYyEh+wpHy4IYYbtWk0Y64H5UwqO4yaYFB/3eQjFScZxxnp19arkE5Dgt9ee3FajKOeKiOPSgDIkgLLKzLv3EEl+c4+tEcZSZDt+XAyOx74PqPatRhuyuOKAgXHFIdjOaFgysibcYxjrx0FJ5LblGz8a1HHzE0zb0zRcLFBoXCqRyQc4/z9BTDDLtGFxV+QYFM7UBse3wndxxnvipCq7xkn6UQxiMcDBpyr82akQnFGC2eM1YC8dKcAB2oA47xh4on0S80HSLBYjq2uXTW9vJcD91AiKHllbkbgqZIUEEnvRqlr4p0/dNDrEN3afZbh5JDYRxywzLGHjwNxBUkEbeW560/wAceEdQ1bVvDev6K0R1TQ7l3+yzOUS6hkXbJEzj7hwMjPGaty6hrupWczR6JJp6eRIrJfXUDTSkqQqqUdlUAkFmbHHQUAeY6v8AFq7T4IWOtxeLLQ+Jntre4lW3Ntv3O4VoxERxhST0zxXf/ES6vpvD8Ok6fdRW2parLHpgup5o43jV+JpUUkb2C5wq4OTnmuXj+HOvN8C7bwW1tYw61HapbGVrseUoWQOZlYITggAYx3re+Iccl7ottbwpYw+JmaC5WyETzm5WOUN5Ik2Bgu/vg98juQZ1mj6Lb+HdLtNMsoPIs7OJYIYT/CijABHrwM+9Xlh+XvmrKq25twwfp/8AXOfr3pjKVzigkpPGFAUckHNNZWVt569KtNGCwyev51zGoeLG/wCEiudB0uzXUdTtYEuLpp5/It7VWJ2B3CsdzY4AHuadgsUfH2uavpemW1r4etGudf1OY2tmzRFoLY7ctcTN2RFDHHUkADrXB+H/AAdaeKJB4VtJGuvCOk3In1vUZDltd1EEExsRw0Snl8cfdQAAEV6N4X8XW/ii61fTHtpdO1fTJBDf6XNKpZMgMjB1OGjdTww5z6EYrT0bQ7Dw7pdrpul2yWen2yBIYYwQAPfPJPck85yevNAFvauThRx8o4HGOMD2HQVG0Zkzljj0zUyx4XAGABgUnl8UgMjWdCsNctRb6lax3tuG3mKXlCR0yO/OD9QDXP8Ah3Wo/EN74ks7izthFoOsG0hx+8DMsUUiyYP3XzIcGuz27ckDJGMKeh7f1rK0m40q4utUXTjB50d55F80Ee1vtARD8xHU7Sn4AU7BY5fxVca7a65oKafYW8sDXckZmmv3jMpNpKfn2wttAIB6kkgc9q6W1dry3ilddrSL8y4YYPcDcASM9Djkc1o+Wq9sHAHymmbAG4GPpTAz7zS7bUrGexvbaO9tLhDDLbzIGWRD95SDwQR/Ielct4F8K6j4MW+0uW+TUtBhdW0nzWJuYIzktDKx+8F/hPXBwTxXcSR4X17VzXxD1yfwr4E8R63aRrNd6bp091DG4ypdELDcPbg/99UAa7L5fyOQrjs3ysB6kHr7471Vuru3s2QXNxBatJ9xZpUTn05PPoAOc1wnhf4a6F4o+G+kvew+fqOoWMN1LrmM3jTvGHMgkPzYBwduduBjGOKz/hDYW3jiPxfqXiCyg1jUpfEV7psn26JZDFBEypFAuQdo2HdgYyWLcnBpWCx6ZcYtI5ZLkrbpEpMjyEKsYwOWyeg7kkDkVnab4l0jX47s6ZqVnf8AkjMotrhHMXPRwpO0AfxdMjFfPun6pqMvhnwdompzS3Phi08ey6M890cLPZRb/IWRyfmTfhevOwKc4r034oRy6X8Q/hdfWA8nUZNXaxmKDaZLExM0obA+6pVWGQQpPvRYLG6vjvw1Jpl/qcWuWc2m2OftF3CWeOLnkOVDYIHbGQTz6VqWM9l4j0uO7tnS90+7jJRnjO2SNhj7rKMgj2weo6147otnrlx4X+Llhp8mmQWC6xq8cq3Ecxmy0SuwG1gBweM859uK9M+FE5uvhf4OkySW0e0yTjOfJXrjinYDS0fwvpfhyFotL0yz06JyC62sCRhiOATtAya1OfrUzAYx1pjUDImBojjDHkZ/Cnd8U9eOlKwEcigdulRMSM1YkwR71XZeKAGD5elNkOcexzTqjahAQyOWYkfypjE7c5qRl54qNutUBFuOKibPXPFTsKa2FHtSYEXUe9McetPK7ajdjmpAjbpTGqU4VeajyGPFNAMyNuO9ROnepHUJyaRuUHeqAh25zUbJipug4qNmzwaAGMvpTNpzUjMBxTQR1zSHcQ5po+8QelPkkC0xnDcg0rBcZIM8Cmqvy80u8DjNJuy2M1QHuqrnNPjUDHrTFbDVOvODUCAU5hS7RxSdRQIcnr3o9xwfUcGlCnbkHFOVfl+9QBHGoU4wAAc9O/r9amkbeuMnGcnJzk+v196j4780hbnnpQMljXkHpnJNNfHOKY0gz1oXHO04PemIYzZyVH1ry+yz4B+LHi291dpItI8QxWVxaalsZ4klgjMTwyEKQjEMGG4gHpyeK7Xxhq2o6Tozf2NZNfatcyLa2q7cxxu+QJJT2ReSfoKvWcdzZWEEN1eNe3iRLHPdKoj85wuGbauAATkjHrxTA4LwXos2ofEjxd4vWGaHTr62ttMsknjaMzLCPnl2MNwQk4QnrjNd87d8596VXywYnLDGCfY5A+gPalKKy5oYxqtSE0jfJ0pDIvPPNIQ1+x9D1PTHHX8u3rXP+HPDa+GbnXrhLl5v7W1JtTZWj2CItGi7R/eA8oc+9bUsg2/NyuTzjOOP8cVzfhJdRjuvE/28XnlSa1O9q118yiErGFEZJ+7wc++aYWOiPA44HakLcVGZvl9e9Q/aPWgLE7N8tVrhI7iGWGeKOeCZWjkjlHyOpBBVvXIJ/OnmQEUzzNuCpKkd1ODSuFjjdF+G8Wg6bHpNrr+qDw7HxHpbNEwjXJPl+ds8zy8k8bs9ulWLj4facdUv9RsZ9Q0SfUFC3q6VOI0ucDaGYMpAbbxvTD4Ayciuo8xv1z17+tRu3zEkc0XCxiN4J0RvDK+HG0uGTRBGI/sLg4bB3ByTyX3fNvzncSc81Fpvg3TdH1D7bEt1cXwh+zx3V/dSXEkceclFLsSoPQ4xuAAOcVvMxVcgA/hUHnZbGMUXCxg2fgHQNPh1KGHTI1i1RjJehpZX+0MfvM25jknGCepHB4rLn1OD4fa5oGhwaVbWHhXUB9itrizUqLW7ySkTIAQquuQrAABhz1rs5JemTUTSBTwSuepzgHHJx7gHNCCw8HjIIweeOn4e1NZq5nR/GTXPi7VvDmoWS6deWy/arN0cvHe2bcCVGx95Wyrqe+Mda6BnLc9M89c0wsScHnNO3AcZqvuwCc47c+vtTJFckhVO/H93Pb0yDxwfxouBYYjOc1G7jGAarTTLEC0sqW6f9NHArPm17TLVSZ9U0+If7d3Gv82z+lLcZps4A681E0yKvLc1zN58RPCtqSJvE+jxH0a/i/8Aiv6VlXXxc8CwKPN8YaOPZLpXP6UwO6kcKNwORUJmUgnvXBt8cfAnl4TxLaznssMckh/JVNVk+NPhaXPlz6lc+1vo92+foRHTA75rhaiaZn6cgVwrfFbTJlJttD8U3S/3o9BuAPwLKKjX4mTtn7N4I8XTj309Iwf++5BSYHfNN61A0y+ZxXDSfEDXpOIPh34hbPQ3EtpCP/RxqFvF3i8tmP4fSqcf8ttbtVP4hS1SB6A2GFQx5WTGa5jwl4yv9e1HWNK1PRjoepaekD+ULlbhXSVXIbIA6eWfzrptrK3TB+mKoB1wu8fSqyyNjGPlqdmLAjvVdYeetMBpkb1qA3DKwyc1O8e0n0qIwq3OKQEckpK5zk0xWZlzmpPsyjpxTvLA4ouBXJYjB6UjZAHFT+WPSl2A8dKLgUZCQ3tTo8llxxVh4ctycilSNVPFAHuW4fjU6ybQBVVevSqHiHxZo/hGziutb1K30u3lk8qN59x3vjOAFBJ4BNSBuCbinLIK8+/4Xd4KaENDq092SMj7Np1zLn6ER4qS2+MWgXUgSCw8R3JboYdAuj/7JQI7szHOB0pJGO0FePWuST4iLJHvtvC3iuc7tvlnRnjP1+cioW8eatJvEHgHxM2OAZ0toQfzm/pQB2QkPljB5pzScYrD8MapqOsR3DahoF5oBRlCR300LmXP3mBjc4AGOOvNbnljGSOe/WgCEyEcd6qar4is/DOk3mpalP8AZ7G1jMs0gXcwA6KB3ZjgAfX2qhq3iZdP1y30a1spdT1a4ha6FvCyxiOFSBvkkY7UUsdo6k4OAetZ3/CXQ6sdc0xtLZNY0yJbibS75l2zxjLRyxyAMpjJU7WxnOAQpHABpeFdU1XWNDivtYs4dPu7ovItpET+5gPKJLnq+CCQO5x2rVLDG3bgKMY6V53efFySP4NL8QU0hZIHtxdGxluirrEzlB8wQ/PuIJAHA/M+gQmYwxm4VUnZQXCZK5xzgkAke+OaYCr69qVm96wPGWvXOh6bYrZSWcN/qF/DYWrX0UkkJkck4IjYNnCnnOKyBpfxIuMB/EHhmzH8XkaVPKQf+BTinuB2UjDYM/nmq5U/eB+UnA4/WuOk8K+PXx5vj+0jHfyPDiD/ANDlNZmj3Ov+EfiVa6R4g8Qya9Y69YyDT5mtYrZUuojueEKgxloyCMk5KmlYLHoUg/dkHpk5A5P+eR+Vc54a8THxFPrYe0EDaTqs2nBtwkMvlhCW9s7untXVbRtyOvQFeG7/ACj24rF0mPSV/tNtJNvk3kv2xrXp9pAAk3e5wv5UAX48bAp5IGOuaw/FniSx8G6DeazqPn/YrULvFvHvkLO6ogVe5LMBWyuF+6Men07VwXxSzruoeGPB8J3TalqEeoXa5+5Z2zrK7N/stIiIO+SaNxit8UJZs/ZvAvjKVv7smmJCPzeUVG3xA8SSKDB8MvEEgOQPOu7OHtxyZT3B/Ou8XIZm5DHk+tJIoGWI74yOvBBP6UWEUrC6lvLG3nmtmsppY1d7ZpFkMRIyVLKSCR7VPt3VxfgfW74eI/FvhzV7p7q/sLxryzkm+/LYT/NEw9RG++L/AICtdv8Ad47j8vw9qAsVypOeaTZ7VZwu3pURxSCxA0ZZiOlH2fbk559jUjMBzmmCRT0phYryxuzeasYmnUERBuCWOTt3dgTt/Hr0rB8F+LovGWmyTNbvYalaztaajp83+stZ16hj0IJ5BHBBBrpGkXBAPHpWB4n1Y+F9F1DV7XSJNVki2SXFvYqqzyIpUFgSPmKp2PYACjcDZjjLMm37xPH1Ixj9f0ry3wz4X0n4safqWp+I4ZtXthrN9HpyyXUqLFbLIIgAEYZB8onJyeetdF40+IFrpvw7l8Q6PcR6gb6FI9KaP7t1NNhYdv1Zs4PQI2elaHgvw+nhPwnpGho28WNpHA7/AN5wMu2fdyx/GgDAh+BXgGMAf8Ipp8o/6bB3/mTWhD8I/A9tjy/B2hqR3+wRn+YrqMtuABpJGJU/NzQgsYUfgbw1Z7fI8O6RDjp5dhEP/Zavw6XYQ48uwtI8dPLt0X+Qqw6/KD1NNjfaMYqgEUYGFwoHQKAKNz4/1jfnVdZj5xHSmvMVY88UhjpM7txPPrTJAZOepqKaQspOagaVlXjnPWkBI2B16VGxXaw/hx0qGSUpnPK4yKZxJH15xQgORscw/GLX0XGLnRLKUDp92adD/MV2e4LxjH0FcFI3l/GuLkgSeHQP++Lok/8AoYruOSemaoCRpBioWYduDTGbaelRzEselAD2m3HHajcFX3qI5xyKbyV6UmApuF3EE07zVK8VD5bHkClWM8561IDmm2qDtzmmPMNwGOaVUJyKb5PzdaADzOOlNjkyx7Cn+XR9nz/FinsPY90VvbFcP8Qm/wCKu+GjYXP9uyDd6Zs58frmuzVuvNcT8RpNmufD1sD/AJGSMHjsbedf60hHosc0gyWlYk99xpWmkdvmkZvqxqorblXPpUhkxigRa8wjnJziq8rcYJyPfmkeTI61DJISp5+YUBY5hL6a1+LjWckkhtb7QN8MJc7PMiuCXIXpna4568V0+oapZ6Pame/vILO3ZhGstxII1LE4AyfU9O56e9effGOTV9I0fSvFegWsd3q/h+5acwyEBWtnQrPuGcsoGxsDB+U1L4b8JQat9h8RazqUfivUpkWSzu2AS0t42+YG2i5A4I+Y5Y+vakBVvJV8G/G7UdZ1fNppGuaRb2UOoytsiinhkZjE7dIywYMu49z1qC3t7fWfi7qvi+3mWbQbPQP7KN5GC6XM7zFyIyAA6KgAyufvEV6NNMI8LjIZsHjGffH+etPXD8DgKNqjso9B6UxnzlZ+EGvv2WTbQRa5da2tkYI9N8y8ZTcBwQot/u4K88rivofSbhbzS7OZY5IleFDslhaJl4HBVgCPy+nFW5GZVGGK8Y+U47g/0qIybV3cKigljjCqOuT6Drz04NIRxXxDcXHif4faYjbZpda+2/L1EdvBI7k+wLKPctXa7vlC9Bj7tcJ4NkHjbxZqXi9z5mlwQ/2VozKP9bGGDT3C+zyKFU91Q+tduc89j7dKYWA46YGPpWF468K2/jLQ/sEs0lncJIk9nfQ48y1uEOUkT/a9VP3lzW3tOeabMvyn360BY840/wCK7eG54dI8fxL4f1IkJFqwBGm6j1AkimwREx6mN8deD0qD4R6layWfjGeG5tnhbxPfyiSORRG6kqQ2c8gjvXotxDFeWsltcQRXFs4w0MsYZG9ipGO1cXN8Ffh/cTmaTwVoXmZ3ZWyRRnOc7QMfpTQDNZ+K2k2109hogPizXeiabpDCQKeimWbPlxJnqWbOOnPFT+CfC93o9xe61r9xHfeJ9Q2pdSQf6m2iXOy2hyOUUnlsfMfmPbHS6XpNlodmttplnb6dbKMCK0hWFfTooGac0IyDgYHT2p6AKHHA6kcE+pFNmnCqMnvil2+o49aqXQVtuMkBqLhY4r4kaffwXWl+LNCtWvda0PcstiuAdQsX/wBdAD2cY3pn+Jcd66bQfFWn+KNFsdV0q5F1Z3kQlik9c9iP4WzkFexBHarkedrg5zz7ZrzTUPCuseAtauvEfhG1/tDT7x2k1Xw3kJ5jHkzWp6JJ3Kfdc54BOaQWPTmus9P5VXkmO6sDwh480XxzDLNpV55ksHFzZXEZiuoH7rJETlSO+envW55gkPAP5H/AUgBmL8DrUKTtHG+QA31qWQfMtQ+SGZienp2/H/61ADN0jndwBSKzTHIwNnzHJwMDk5J6DjOT6Gotb1Wx8N6VPqGrXVvptjAN0lxdSCJFH49SewHJrgvJ1b4sxmARXOgeB5PmlmnBivNWXPCIOsUJ/vHlh0IzmnsFjD+H/hG18QeLrrWtNa4/4Qiwu5ZdJtpD+6mvnG2a4gXtCpLbAeNzuVAGK9ihj29Bj6dKS1s4NPtYbW1gjtbaFPLihiXasa4wFUdgB0HUeueam3Ak8896NwIzuWQHrmmyR9TSzTBORzTWkHrTAQH5QMcUxsDtinBtxPOKYxHGTzTArvEN5INRtBnPNPaRQx5ppmXgZpMYwwoI8HiqrSxREgtmrFxMqpjqT0qv5IYqFIB6ngGpAjklhUYI3A1HFJFu2D7x7GnXEZhU/MDz0wKqXB4VgMMp/SnsBzGrIkPxi8OuOBcaFfRZ90mgb+tdtuXtXAeJrhT8TPBD9mttTiyO5KQtj8krtkkPlrx2Bp3AkdQWGRUWDuHGaRpmPO2mFz16GgCQ/N1FNxt4xx2pFkx1NRXBIIoAk2+ppDxUKSFuM81HK3ctSsBYLDb1wajDK3Peqk0yhfvVGsvGQc5pgaCsp70/cO1ZaSFWzVr7R8vFAz3MR46da4v4nN5dz4HmHHl+J7ME/wC8sg/qK7bdsBNcP8U2j+x+FmZh8vibTWOT0/eEf1FSI71Y++OPrS7fbFI04Q7T1zjApRIo4zk0AO8sdTVeaFmwAeKl3MWJbp6UjPSAb5RRhj5sDlD0YdCPQ15u2j6r8KbuWXSLSfWvBlxIZ5dLgG650qQ8vJCv8ceCSYwcrnhcYFelbsgZ5+tSNIFUY4b1FAGB4c8QaP4vtDd6LqMGp2ynBEMgLxegdT86n6qK2UtzGxCgse/HP865fxJ8O/Dfiq5N1qWkxvfdr+2le1uR/wBtUIY/iapn4R6cYwg8ReLjGF4j/t6Ypj0z1/WgDptf1zTfDNg17rOoW+l2i8mW7kEfH+yOSx9lBNcJcTat8XFFtBBeaB4Jf/X3lwDDeaomf9XEhAaKEnOZG5PIGM5roNF+GfhjQL0X8Okx3WpjBXUNRme8uFPqskpJX/gOOldK03nSNk5yck+px1oENtbSHT7aG2tYEtreBQkUMa7VjUYAUDsBjp9fU0n3McYAGKGk8vjORUUk3B4zTAk8wFqSTDcZqsZv3WcYahZN0fzdaAJD8veomkK8DgDqahEjcg1DJIy7sfnQBPJdJ1zkVCl2JVI7g/pVVZAyD1pkasJJOcDbQBdaQbetQ+YGyuOM5pkedqg9KWSPBGDj0oCw2ZwppY5OozxioplJUfIQP73Y0QxttZsZC8kghunUHB68inYLHN+MPhz4e8XXUd/d20tprEfyxaxpsxt72I9v3q4+Xp8rbgaw10H4iaGAmm+LNM8QRDgReI7Fo5cf9drf7x9yn59a9ElU7dpJ+XjuKgWI88bQeuOM0BY4L+0viYgbd4a8MSleN66vcKPrgwZqH7P8R9Vuczat4c8Ow7dv/Ettpr+bn0Mu1Qf+Amu/eHkfKFHbAFI0YbO87j07cfnQgscHp3w10ux1GLUtWmvPE+tRfNHea2/m+T6+VFwifgo/HrXeRksoJPOPX+dUJrmC11KytGiuGmulkaOaGItGgQAkM/QFs4X3BqbeVmkCDcRzwDgdcjpzyMZ4phYklPl9+KrvIrfMpwTVK6vb46lHB/Zztaukhe8jmUxwkEBAy/eYsScbem3JzmrK24ZfMzweR9O1LYLDZM7aQOcAGpZg3GFyKqMx4zwTTCw5pWVjgVDJJJI3C4qTYfmOKVmdY+EyaYWK0a+cGJGG+tRvEVLfKSf0q4sO5Pm+UnrULWKeYDvb/vs4/nSArW6tdTltmUUYB96ki8xZQWTA6E1IpMLGPHGcp708SCReDkUDK15EZYwAB+dUjbtHknowwRWmwNVbptsbE/THvQI8+8XWhs/HHw+lwNj6hdQ5z3a1fj8lrt2YRxqGPIA6VxfxGLLqvgOX+GPxBGCf9+3mQ/oRXdPCvKkZHQUrAUHvB5irnAqUyJtHzHNDaehkD79relTmMddopjKjzLuxhuO9Me5EnVGNXCme1NZADnHNMCtHhsnbg1DNJ+75WtDylbPOKrNAFJLNnNAGdMMsB1psUZClj09KvNGNwOM0/wAldvTg0AUmyy/LwakjUgjIq0tqo5Axmn7MYpN2A9sz8tcJ8XrdP+Ed0Z3BAXxDph497hR/PFdvHKGlwOg61xnxq/d+CbeYciHWtLk/K8i/xqRHetCfOftyaJITyalkYC4k7fMf50u0sevFAFT7QseN2c04sHwQMCpZLcHBbbjtTJQqJwQffNAxu3BxSsPWlJAUEUxyWZP7vegBPL3H6U/cXbPfGM1GzFpAFNSs22P5utAEbL8xz2pojBxs6k4wozj6/wD1qimlk2EjAx3pkM/mxnClmHJ43fTC0AcnN8TNHk1PU7C2ttYu7zTSovY7fTJW8jcCyluDnIwRjtW54W8Qad4y0eHU9HukvbaUsv7sHcsgA3RshwyspzkEA4xgHqeJ8M3C2Hxu+JRmnt7dRa6TO0ksoRUxC6lix4GMHndxwMV5SdUvNHvvEmvQ3K6X8P8AXfFcSTXrwO8ZgWBkaYxqyEwvPgMeFOOTigR754s8SHw3rXhzTZtPmmGtX409bpZURLeQqzDcDySwU4GB35rR1Ca5t5LBoLeGaGe4VJmluBFtjIbLR5B3EEKNvJ5rw7VbPRR4P8GWSa7Nr3h9vGMbR3E5CxGAxv5iQlXLGBC+AScA5GT1OFdR2lmq2dgjNFpPxFWWx+zwtItrZsmWePjAjDZ6cZFAHsXij4gx6F408LaDBJp91/al1Nb3irc7rm22wPIp8sfdBKY3N7jGSDWg3jzwuupPp7+ItJF8nmb7dbyNpE8obpQV3dVXGRn178V4vocepNafDazn8NawPEWg688mrTLp0hA8xZg8qz7dhUmRGzuBGMdq1tT+Hep63pXxZsLDS5NPvb7V47/Tbi7tvKhuURYT5Zc/ws8TqR/t570Aeh3nxR8H2Vne3txrtrbQWckcdzvDK8Rk4jyhXdhucHbg1Vtvi34S1OC9lttUM0lpLHbyWot5FneSTPlrHGwBcNg4IGMDJNeY/HDQ9U13SPEfjafSrvQpINDt7FbS+dPOkmF9HMxO1z8qcKGJGd7dq0fGnwp1jx54kn8Vw6fp+karbJZfYdP1QpNHdeU8jOLjZuAQrKUXGegz04Asdk3xq8M/2ba3UceqXBn1NtINrb2DSTw3QGfKcAgA/QnOeOhAwJPjm2qa9oOmaNoV4LybVZNM1Ky1Jo4ZrWRbd5Qh+Yg7hhwwONqEdSKyviHBfaD4X8K3WoW/h/Q9TXxXp0kdjZOI7K3C7kAaTarE88uFO0EAAgZOpefCvUrzWl8QvqdnZeI/7Xj1NwIDcW8US2rW/k8lWPyEtvIwWHI6UwsWB8RdP0bxV4h0u0028XWZNXtNPhivLvdDcyy2+9JONwhTyoyxUDcTnjmuS8L+LtU8Hp4sgOm2kM58UTpIbq7eWC3X7LHIqoSPMkLnCqAARuOVOM1ueIvhJJrniDV9c/t42V5c3lpfafNHZbns5reMxqSGciVXRmBGByxqBfg2JNem1+68V6sury6h9ulktbaCFAWgEMiBSp6qoA6keucmncLGhqXxZ1Wb4Y6R4xsbWxtI9QsFmFnNG880t477I7aIK6dWz8xzgckcGun1vxLqvhH4Z3+v6vbWs+tafpzXVzbWe9YPNAJIXcd21TjJJ6KTXM6H8GdK07SfD1pFrWuRx6GZJ7FftUR8tnJ+baYipZQdoPUDPcnPZ2eh29rop0qVJNQsnWRZFv2EzTiQsX38AHO9u3Q0XQWPKfEnir4j6Lf6SH1jT7fTdUv7GKGV4IZLgpKxSTAUY8v5oyp4bkAtzRdeLtfs9D1+0uvEOp3mp6Xrs2h6bFZLFDc6lNIkTwCQqoUBA7klVXgZPA212dl8EvBWm2aW1vozCFJY50U3k5KNGSYwpL5CqSSFHAJJxzU1z8LfB815cXNx4csrm7mlad5rkGVzIwAZssSckAD6DFGgWOF8Szaxot54H0u78YalfXFwmpWWo3ENzsW4nS1MgPQEFG4AOcAAdcmuT8Fw22sP8Oo9U8Q6jNaeIPDs7amr6tKqzSRJCYyfmHlkEP0wTt5zmvah4N0OS2it08P6WIIGYxR/Y4ysZb7xUbflJ7kVfs9DsbGQLBp1nbsg+Qw26IVz1xgcUBY8W8AeIINSu/gteT6l519JaajaXZ+0kkNsCRq4DEZyMZIyQRzwK+hdoXK4P4imW6+XHtVAikchQBmplTjpigLEbDctVGtRI3zCtHaoHTmq1wwXgcUBYrsnlcdRSH5WOOlObtSFRxTCwzOTio3XHIpzHBpW5WgLFO4jLIGDYYdKrQMw6fd9KvPIpGMVQkjbzm2PgHtSAndivXJqlfHIU5wM5FPUSbcGQn8KY1mWbMkm6gZxHxOXydL8OXTcrb+IrB2+jSbD/wCh4rulwc55IrivjIyR+CfMxu8nUtOlB91u4jiuzZWWR/Qk5FMBzY54qNulO3ZpjUAJmkK7uaWkf7tABkVXmy7VKoyOtIybaAIPvcGnqvFIVC08HAoGgC07y6Tdjmnq25c0WuDPWIwyqccA9a4340Z/4VrfOxyIryxkH4XcJ/wrvPLO0ADiuG+N6mP4R+Izt+aNYZAfcXETD/0GoEegyH9859zR5hHekbPmNkYOaa3BB7d6AJlYsOeaYVQsMqD+FNV9vQ01mbO7Hy+tADnYH/61NB7CnqgkXIPFOW32nmgCPb8oxwaasZbjNWzGCuKiC7eDTAZ5PUHmo2jC5wo6jt6VdVVxkcVC4WkBzbeCfDkmoPeSeHtLkvHbe1w9lGzsfUkrz7ela1xEJImiKq8LDa0TKChGMYKnjA7elWSB2FBwF6CgRWUCGIJGPLAQIAnA2jtx2pj+dIuWmkIxjBY9PT6e1SyLu6fzqMtjuPpQOxV+bkNkg8fWonjP936e30/z6elXHxwCR+g/rSSZbhfm/HNOwjJ1rQdP8SaXNp2rWMF/p82PMtp1yj4OcMvQjPODUkNhHY28cEKLHBGgjSNfuqo6AVeWFnJ2oT9RimSI0YG7hfU4H+fzoCxSmtYrpVE0UcoUEASIGx24z0rMuV+8g2nByeOnfP6/rV+71WxslJub+ztvTz7mNAfzYVzl98RPBmlk/bPFWhwDv5moQg/o5pBY0o4w0knmLuRlxn1BAzn159aqy2rec0qfKocH5RzjAHHpWFcfGv4fx5C+L9LuMdrWRp//AEBTmoYfjd4LbJhvNQvfaz0i7k/9pYphY7BYy8kZU7kXnnmpGUscdRXHj4vaYV/0Pw94rv8Ad08jQp1B/Fwoo/4WVqDD/Rfh14ulLdPPhtoR/wCPS5/SkFjspVEajnBqs0LPcK+3cuOa5L/hNPGVyxEHwyvFTs15rVpF+YBYihdc+I8yNs8FaJZDH3rvXmcD67ICP1oCx1tvG6bsqOtSRwt5pdio4x1rlJm+JV02ba28IWCED/j4nurhgcDPKqgPOagGk/EuZiZPE3hm0z1+z6NLIR/33P8A0qgsdxHhuF/xpWbDEcZ9P/rVwjeE/HUhJm+IUcYI5+x6DCh/DeWpp+H/AIhlH+kfEvxIV7iCG0gH4YjOKYHdM3qP6VXuI3dRtRm4z8o6VxTfCszAG68a+ML0e+rCIf8AkNBVa6+Cug3DFrm+8Q3mRg+dr10c/XDj+VIDt5I2jUFgQPU4A/z+NU7jVLO1B+0X1tb/APXWdFx+ZrjP+FF+CCoM2gi8Hrd3k82fruc5qW3+DPgS1b9z4N0ZT/tWiP8AzBoCxqXXxC8K2eftPibRYiOobUYcj8A1ZVx8aPAlvn/irtLY91ilMp/8dB/lW1Z+CPD2n4Fv4e0m3C9PLsYlx+S1pR2Ntb/6m2ghx08uJV/kKYWODf44eCpMrBq8t6392z0+5lJ/KOmJ8YNHkUfZ9I8UXfp5WgXIz+LKor0J5H5Bdsem44qHaenb0oCxwa/E64eRja+BfFk8f957COD/ANDkFI3jzxJO2Lf4a6ySf+fq/tIh+kjV3TKF6ADPXAxR1HJz9aAseUeMh448baBc6KfB9ppEd00P+mXOsxu0O2VX3bFX5iNvrXpvPfP4jFPbuFJGeDtOP/1U35VHAA9hQA1qZTycrmo8HFAwJ/OmtnvS4PWmsTQA1R81OempTmoAjI7mmbhup78L7VEq7uaAHD71TDp1qPbj60oXcaBnti/drg/jp/yR3xaQQpW0V8sDg7ZFLfpj867wdKoa1pFpr+lXumX8P2ixuojDNCWIDKcZGQQR06jmoEaht52G8xMSRkt1B9xVGbcYTll3N90Ehf61xOm/AzwbcShJrC8nReAs2rXjjH4y1sj9n74eW8gYeFrORuuZi8v/AKExoA1pdUsLLaZ9Qs7cD7xmuo1x+ZqnP8QvClpuE/ijRYuOA2oQ/wBGNIvwh8D6a3+j+EdFj3df9Aib+a1e/wCEN8PWDYttA0qAAceXYxDH/jtAGE3xi8BWoAPjLRnPcR3Qc/kuT+lQyfHDwMx/c+IFuj/dtrO4k/8AQYzXY29pbwIfKtoIfTy4lX+QqcTOuAHYD60wOLj+L2gT/wDHrDrl4e/2fRLtvyzGKY/xShkBMPhLxjcEcDbozRg/i5Fd2JGZslmP40mACSBg+tG4HCt8QNaYqLf4d+I5FP8AFK9rEP1l/pTW8XeL5OE+HVzET0NzrVqn5hSxFdx74yai/ioA4U658RpiRH4O0G2HZp9deT8wkP8AWmfaPidcKw+zeDbD0aSe6mx+G1f513jKPQU1QMCkI4ZdL+I02Q/iHwvbE9DBpM7n/wAen/pVdvB/jubmX4iRRD+JbPw/CMfQu5r0BsjPJ/OmN908detMZwC/D/xJIuLj4l6+R3W2tbK3/IiM4/Oo5PhaswP2nxx40uD6DVljH5xoK70/LnHH0qKRizZJyfWncR5+3wb8PTKxvL7xBqLdjd6/dsT9cSD+VQ/8KN8Cs++XQVum7/aryefP13ua9A3EMeTUMvc96QHIW/wf8B2bEweDdEB9Xso3/wDQga07bwb4f0//AI9vD+lQY6eVZRL/ACWtUdKZKxVRg4oCwR28USgJDFGB0CRhQPyFWI5XjUhHZQeu04qCMlutSigLCs7OcsxJ9SaYevUn8aevJpr8MaQWIzwpA6VH93GOPXHf61NgVGwFUAjdAO1IVHJwPypeuKYzHcaYDGw3VV9egpOmMcfSlNI1IY3cfUk/WoWJGRzUh4Ge9NDEgmgRXPOc8/WosU+RjzUasaABulRu21acWNRSfdamMga4U7qXcNoINQqP9HB78/zpY/ug96AFZieT0qNvWpG5qOQfLigCNe+KYetPXimf3qAAEcg0m4YqNWJXNKelAC7uKiY5NPx+7B778fhimY/eIOx60gE6Uu6m+tMYnNADn700GkzwaIzlXz26UwHFulOVhmoLhirHHHzkfrT4z+7J778UAf/Z)



Как и ингибиторы β-лактамазы, циластатин действует как субстрат, который конкурентно связывается с дегидропептидазой. Таким образом, он предотвращает ферментативную деградацию имипенема.

**Меропенем:**(5S,6S)-6-[(R)-гидроксиэтил]-3-[2-(диметиламинокарбонил)пирролидин-3-ил)тио-7-оксо-1-азабицикло[3,2,0]гепт-2- ен-2-карбоновая кислота

![Diagram

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4SImRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjMyOjU4AAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAM4MQAAkpIAAgAAAAM4MQAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NTo0MQAyMDIzOjAyOjI2IDIzOjU1OjQxAAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAEHoAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAggEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A77FNIzWZuKKdg+lABg5pQtABtpduOlACgU4igBOlHWgBe1JigYAUAUCEzzTsUAL2ooAUUuOaBi0gzmgBaKACkIoASigBMUmPekBHigLimIMc0ooAcRxQKAFxmk74oAN2O1O7UAHejFACAU7FAwAoIoENxiigBwooAUUtAxDSigBTSHpQAD6UZzmgBjMQcUUAISQpNITgAmkAmKAKYhetGOaADFKBQA6k70AJjmlxQAUZ9aAF4oBoAARml70AIaSgBcikLegoAA2aaWPrQAFwACxAHck4Apq3MZXd5qbRyxDcKPXP+NIBkd9azlhDcxuV5OxgcCmwX9tdJI1vMsoiJD7eSD6Y9aAETU7eS3jnQuUlYLGNmC59gcH1qP8AtHfPNFa281wYTiRoyoCnH3ckjJ+maYEMmr7JLEfZZSbtii5IBQj1FSw37yazLYGDHlRLIzl85BzjjHtQMku7o2jReaB5MrCPfnlWPTPselWME8Y+opALjjNNGSaYiQcCl4oATHNKBQAE84pKAEyBRmgAYkCmbic0ALknp60vPNAC7O+aUA5oACpxTtvNACbDSqlAC7BimlBQBi3Z8/xTb2U6g2yWrTIjfdd92OfXA7VV1u2tra4szHGscMl1ELsIMKVG7buH1P6UAWdTXfrWktbbTMkhLle0eOc+1Vms5ku7rVNMIN1HOwlhB4mXPT60AJZGQ3fht5UZYzby/KRjEhUY/HG6p9HZ9IW6s7yOUO1zJKjhCwkDnI59aAHazDLeXOln7NNtSUtII85QEYGSKjhsjb+ILyTy547WS3RPOZj1BOeSaBleRJbjRBYHcZzfbELPuwocNkHuAO/tV+xNt/bU32e5dsKVdC5O9s5zg9MdKANXeMYpFPzUCHg+tLjnNACnp0pO3FACHJo6YxQAhXdz70qqQfrQA4rnijYBQABRSgDsKAH4ooASigApRzQApPHFJz7UAZkYtdbDSvATHDKUilBwTjqVP1/lV2Ozt44GhEKsj/eDfNu+uaBjobS3g3eVCqZ6kCnrEifcRVycnAxQIZNbpPHskUHDBlI6gjuPSpdpA60DGkcdeaa0aOhV1DKeoI60AIsUakFUUbRgYHQU4RonKooJ7gYoArBSO1KqNQIlAHenY5FACnpTaAF9qQjigAA4pe9ACijFABz0oAoAd0pMc5oAXtSd6AF2knA/Ksxtds0d0RLubYxQmG3d1yOvIGKAE/tpW+7pmqMP+vYj+dVNR1mZ7dbeKwvbZrlxCJp4wqpnqeuc0AbkFulrBHbxLiONQqipsHHFAxAPWnYoELTc80DEKjNNNADhigmgCHFKB6UCF20UAMlkSGNpJHVEXqWOBVeK/tZzIIpg7RjJUD5seuOuKAKza5af2bFqEcc0kEjhFITByTgHB7ZrUBPcEex7UALigCgBcUuKAEpOKAHfw0wZ70AL3pwHegCrqd2bLTJ505kC7Yh6ueF/Uil0+0Fhp9vaqT+6QBj6t3P4nNAFqqOs2xutIuET/WKvmR/7y8j+VAFiyuBdWUNwp4kQNVgUAFOFACH3pCBQAmKQigY0daUg4oAjFLjvQIKD0oAxdeZlm0ppM/ZVusz+n3flz7Zplypn8VWNxA4KW1rL9ocHIw2Nq57nIJxQJmLBayyeErVUa4eRZVPkheBiQk8Yz05rt/vcgHB55oGhScUv0oAQ9acKAA9KTFAC0hoAbvTfs3ruHbPNSDGKAMm9P2rW7Oz6xwZuZfr0Qfnk/hWxjIoABVXULlrSymuEi83y1LFAQMgfWgDPi1iKbSobmxRNrSJEY2+XYWYLgj2zTotVkfWr2ylaCOO3jR1cnklgcfligCTQb6fUdPNzOyEmV1GwYGFJFae/r7UAN3HinBiTigB2KQ0DG96dQBFxSE0CMjXb2ewgtJI5fLV7pIpDt3EqxOahs717jxLcxLNIbdLZZAjKVGScHqPSgDcCpJhHCsrYyDyDVHRZTPpaSlEUmSQEIuB8rlR+gFAF8cdOPpTqADGaRR2JoEKMD3pcj2x3oAZHNHOm6ORHTONyNkU84AoAb1pTwM5x3zQByVh59heWVtfWytIzEW9/G2VlYg439+R/Ktr7NrbD5r+2jH+xDn+ZoGVG0bU7e8bUbbUjPckKHikQKkgH8PHStKw1OG9doSrQXSD54JOGHuPUe9AF5jxnsPXt71nTXKalpt6lpumIUxgqOGb2PegCjdaDJJcWt5YkwOZYWuoT0kCsDn2IxVmDTZf+Ehvr2W3iaCaKNI9xyQVz29DmgCXQ9Pn06wa3n8vPmu67DxhiTitIJknj6UANMR6ilVcc96AJDjFMzxQAgGeaWkBH0pOtMCjqenvfrbBJFj8mdJySpOSp6dRTJdISfUJ7p55Cs0IhaNRt+UHPXnmgCz88E0b+bHHZRRkuCOcjvnsAKxPDms2IsFtp5hBL50jIJgUDqzkgqT1GCKAOjB59qd/WgAHNJQIhu763sIfMuHCg8Ko5Zj6AdSfpWf8AZ7vVjuvw9tZZyLUH55PeQ/8Asv50APfQrcP5unu9hN/eg+6f95Dwaab+/wBN+XU7XzoB/wAvdopYf8CTqPwoADrK3rCHR1W8kPWQnEUXux7n2HNWrLTPId57md7i6lGHkPC4/uqOwoAdbaPZ2zRMiyHyh+7DyMwT6AnANXKBgQdtU77TLfUY183ck0ZzHPGcPGfY/wCfpQBT/szUrsCDUr1JLVP4IFKGX/f/AMBWrGkcCrHGqoijChRgD8qAJhyKDwKAEVs04UAO7VGKAFyB1pvUUALjijFIBmKSmAYprMF445oEYzD+3Zyi/wDIOhbk/wDPdh2/3R+tab28c0ZhuIo5ov7rqCB+B/SgZQOhi3JbTLyazPXyyfMiP/ATyPwNQyanqllcw293p6XDzErE9s4AYj1BxigRa+0azIAU0qKP/rrcjj8gabJ/b5id86dFtBPAdz/SgA0O2Etpb6rdMZ72eMP5jdEz2UdAK19gPPc96BgAVNVtQvPsMcMmzf5kyR4zjG44zQJlTw8ALa8AwuLyQcD3rYoGHam8UADDNBUY75oABnoaZsy1AEo4GKGXNADQuOMinYoAO1A6UAG3vR1oAGNNzSAqX96mn2E95KMpChYgd/QVWjj1KaK3kNyitIyl4wnCqewPqM0wOdbWJ5fCRma5uPtnn7TIq4AAk246Y6CtzUytxc2+mrI8ayE7zg/MoH3QfU0CNKKBIIwkSBEAwFHQVIqfNmkMcVz2rL1Nf+JrpB9Jn/8AQaANVfekm/1EnHVDj34piKOiRPFotlHKpV1hUFT2rS5oGBGayNeU/ZLfv/pcX/oVAhPD/wDqb7/r8krZoGITikXmgB4AooAMCm4O6gBwBpM84oAbgbs0n7wucgBexzzQBJ25pvuKAFyKQ0AJ9aTGKQFW/so9R0+4s5siOZNpI6j0NQW0GpRxxxzz25EYGHjU7nx0znge+KYinH4fA0L+ynun8syFy6IAeX345z3NXJLKWfUreZsKtudwk38vkYIxigDQA5paQwPFZOqMo1LSCxA/ft1P+zQBekvbOEYlu4I8f35FH9azNY1K708Wl1bRrc2rnMiLyxXaWLKe+AOlMRYt74XF208EzT2rWwlRY1BJJP8AOkGsXLH91omoP/vhE/maAFF7rUn3NHij/wCut0P6CmldfkHI0yLByM73x/KgCLRfOsL26069ZTPI5uEdBhXU9cD2rezQMQios4YUATZ470maBDqQdaBju1JjvQAznNOFAATx0oFADWHpQvNAARz1po60AL2pDQIMUvSgBGOKBmkMZI6xozucIoyx9BXIy20eu3cQniVnupBMN3/LKBOn4saBHRxaNpkB/dabaL/2xX+dPuLaVrqzeFY/LgYkgnHBUrgD8f0pgQWOjQabf3VzbnalwBmHHyq2eSPTPpWp9D+VABj2paAKeoWC3ywssnlTwSB4pQMkeo+hFPk1CxtnKTXUMbL1DMBj/CgYXOo2lvI0buxdBuZY0LFR6nA4qKXULVLVLoSB4pcCPZzvJ6AD1oAbFqam6FpLbyQXDoXjSTGHA9CDiqZ8RMfDtzq6WYxBv/dPJ94K2DyBxRYRsQuzW8buAGZQxA6DNTLQMdTSQBQAg6UUAGCacBigBGyaTFACEc0mAOgoAbQMZoAWigQNQtAFC6vdOkV7a4kVo2Plv1259M1NbWEVtcTTrkvKAvP8KgYCj2oAtAc0uKAEIFAFADjSd6BjLhpFtpWiGZFjYp9ccVi6C1rL4Xi+07G82M/aN/UsfvZ96BDNEmSyn1hLyQRzfbXky/G6MgbMeoxxWZb6deW1tYXpjcwxX0k5iA5SNycHFAGy8f8AaWuafdxbjBYiR3k2nksMbRmsiPQ5ZPCd9btZz/bJGlEaFiPvMSpxnHSgDrLVGFrEJFKuEAKnsQKmGaAHAGkPWgYoxSkUAIBQTQAdqKADFNNAEeaQdaAHUooEBFV7vzjaTC3OJjG3ln/axx+tAHNpJFN4EjtFINw9v5Xlfx+b3yPXOTmumt4nitYY5Dl1jUMfUgc0ATKMU6gAxTsUAIeKSgYHrVVdPs1uDOLeMSE5LAdT64oEWGijchnjRmHQsoOKcRQA5ScYNKee3WkAmDSg4pgLSEUhiY5pcimAhak70ALQDQAUxpEX7zqPqaAIxQOtAh1KKAFpp6D60AJ5UYunkEaB/wC9tGak7n/eNADqQ0AIOtPHSgBjUnegBvendqAHr0o70AHelFADqaetABS0gEqOgAFBJwfpTGcpLNKYNezK52yIFyx4HHSusXof+A0AKetcs8MT+M70PEjD7IDgqDz60Af/2f/hMehodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0b3JUb29sPldpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQ8L3htcDpDcmVhdG9yVG9vbD48eG1wOkNyZWF0ZURhdGU+MjAyMy0wMi0yNlQyMzo1NTo0MS44MTI8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAMCAgMCAgMDAwMEAwMEBQgFBQQEBQoHBwYIDAoMDAsKCwsNDhIQDQ4RDgsLEBYQERMUFRUVDA8XGBYUGBIUFRT/2wBDAQMEBAUEBQkFBQkUDQsNFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBT/wAARCACHAQkDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD6lC7elMZQ2NpIx0x2qyFx1pY4fL681xHqlUcDGOal2+1SNGc5HWpFPzUAQsrHGKcsXOT1zmrAjA6UifN1oAgMOTg9KcsI3A45HIqwqjPShk8tfWgCJEJbn+VTqny/7VN8wR84zTo5N/IGKAGNH8zHvQH3dRUnrSqo29KAI41HPah8nrTmU04KW60FIg8spStGWVasOuetOVaAZWYbPahMydOKlki3U3bsoJGqo3dKk6tkDikUdxUqnjHagYzaBUiAN1pm01ImF60DQix0rUuabxu60DCPJb2p7UsYpWxQAxuKNx3UrEbaE2sMlWzQBGymjdipMhtw71BNL5WBjJPSgBd1NK7utKoPXb+FJuPzUmA1oz60YHrTQ+6FZG+Wk3R/5NCAi27utCqd1SbT17VGshJwBzTIJQAelNMYXoaliUBckVJsFAFdlbd0pVUetSSRntzSqp3YoANtDAFak4VeaaVx15HpQBGyj0oVSvSnABm5OKRZBkHtQAYNG72p28c8VC9wF4A53YoAn2j1oLYbiq3nDOccelKJnYMTHzuxQMtFsdaf0Xg1V+eRjzilVJIjjeD8uaALDMFX1qJ+Tnt6ULv20KrPLnGBjNAgXAp24etJ5RVfWmeS3y0ADXKq3TIzilMhZS6rkelSra/u8Hr1pzWuFIHSgZVa5cM23aRUnmkliFJwu44HA9sngfjQ9mC33q86guP+E++JXi3Sr1500jw2lraJZW8rRefPNG0jSyFSCQoAVRnB7ikB6NDMWeNB95lZhjqQMY64HPrkDmmNOGQsJUwpwzZyFHueAD9TXkviDR10r4ieFPCqXt3J4f1ue71G5tbid3MhhgiMdvvYklCys+08kCrur6XbeFfjF4KtdGsYrWz1i1vrfUtOgTbC6IilJTF90YYgBschsHJoA9HTVLaa0a5jniltVVma4SQGMY64Iz+XWobfxVpU+m/2hBqNvcafuVBcQsZEZjgBVK53FiTjA7V5Bp9jqHwrutV8VaTbve+Fp9XvF1rRY13Nb4uXjFzCg9AACo+uO9W/Cd8NQ1T4L2hx/ZjaRdagirzumWGMRn0OFkkYe49qYHo174y0/T9Wl09XuLu/jRZJbeztJLh4VKk5cIDtJJBCsQcVmX3xN0S20/RNRd7qa11S6NlaSQ2xbfPvKrGw4Kncrjn0rm/g1rUWg3HjTTddvbew8Rf8JBd3lzHeTLG8sDkGCRcnlNoCg5IHpUXxq1OwudA8HS2l1/Z9vJ4ntJlutiqdqySbp1DDBTLZ3kY5HHNA0dtN4ytrfxhY+HHtr06heQPdIyxqIvKRgrncW7ZHarviDXI/DdqLy8iddP37Jrofdttx2o7DqV3Y6etebTRvp/x78PBtcutVnk0K6hM90FPlO0sZRf3cajnr17VLr2rXcvgb4qaTrF5dXkljbyJALm2WKZo5bf8AdkbQFw0gfYOvC0DPUNr+Sg2tkHBUjj259DR9n/zmuG0ux8Qabq/hVG1ueWdYIf7S011ja3it1gwc/KGEhmwQd53fPgYXB9ByfSgBium3bmoUYfaMDpVaNT94k/SnorFjhfl7UEF5GDHA5FBXkEHimxw7uXO2pfJwtAC7wvU7aYCyqWzmrBUBelQhducUAMZty4xzTFB2s/erGFzkjmk8vnOOKAID+924GG71GquuwHnByfpVlMqzYqRc7fwxQAixnb92ofsYb5jyc5qyP4aXaentigCr9lU9D81TPbhsg/LznrTgpU5H8qCS7cDAoAdHEvNO8oDqO2KfHmlckjHegBnHSjn+lIqnvT2oAatA7ZoWhlY57Y5yTgYHUk9qAJF+Zs9BSykL05qhJrul26jztWsYsjI33KL/AFNZ7ePPC8ZzJ4m0eMf7V9GP6mgDcVAxXKkHOP0yc+wFcHZeH9M8X6sfGXhzWbzSbm+Q209xBCjRXiwsUBaOUdQQwVlxkdc1U8ZeONM8Yx2vg7wvr1nqGqa27QXFxp9yspsrNcG4mYrnaduEXry1eh6bp1tpNja6fYQLaWVrEsEMEYwqIoACgfh/nNBSMK6+H+j6ppsEWpfary7guheJqRmCXCThQu9XXAUYAG0DbjtVzR/B2n6TfTXqPcXmpSxrC19dyiWYRA5EakABRnk7QMnk1uN8vOMt0z3pItxj2knrnFAMy9H8O2Xh+GWKxiaOOaWSaRWkeTc7klydxPUkn8aqaj4Rsby001LaIadPpEiyWEkEYAtiEKMgXoUKkjGP5V0irtxilx+nT2+npQCMq80e01TymvrC2vWiIMbTRLIUx0xkcVYaM8yceZjGcDOPT6f4Va3c47VFJE27cD+FAyq9ubm3kikZtjjaQGI4II4I6cHtWPb+B9Hhjii+yyTIksc5+0TPKZXQYQsXJLBewOQO1b7kDqKfGinnigDn5PAfh+bXDrc2kW8uqblk+2SZZtyjCtgnGR2OOK1/KNW5MbcY4qHJoApLEPSpFTZjjpSx0q5zntQQN8mpeaXd9KbuNABIfTmmhSWUbWJb7q4wSP8A63rwK5X4qeLp/Afw18Sa/axJLd2Ft+4En3PMZ1QM3+yu/d/wGuK+KOnzfDvwHbeIdLvbqfX7G8shLcTXUj/b1mlSOSOWMkoQ+44VVGCvGKaE3Y9ZuJ4IUkMtzDCIwWcvIo2gdWbJG0Dqcim6fqtjq1uJrC9t76AnAkt5VkU4xkgggdyPwry3w5b3ll8bPiPHpOl6fP539nKzXVwYsbrZgRwjbgxBz0+7Wz+zuP8AiyvhgHaP3cykAgc/aJRzg46gD6GmCdz0TyxztHWk2nOO1SIcLzS7Qy7gaTGR7DxT1WnMcLxRHIPSkAjR+1J7VIwNMb71ACx53dabOTGVIHNCqVqSQ569qAI1JI5oBJ60DrgDNKo+agByxgYzXIfFiSW80Kw8N2crQXnia/TThJGcNHbj95cSqfQRo4/4Etdm4IVSOTXD6NIPFHxY1q/PzWnhu0XSbb+79pmVZbk/8BTyV/E+9AF6P4U+CIWPleDtCVQMLmwibA/FavQ+CfDkIwnhzRkH+zp0I/8AZa3Wi9qcqigDzjx9pdn4R17wX4psrO3sksdSGm3htoVjzBdJ5WWwBwsnlfzr0YMVbLLg1zPxCk8P3nh+fRfEOoxada6ptt43eYRSFyw27CQRuDAHkjpWnqXiKz0W8sLO8kkW4vXEVuoidjIwXcckLgfKCfwoGaymkxXN6X4+0zXG1xdOhv55NGkaK8jNqUKyAAlF3kZbBBq14N8WWnjjw1Za7Ywzw6feq0lv9pVVkeMdGwrNjPvQB0CgelNPtxSecOfbrUbXAO3igBWi96YuSc96k8xZOgx7UFSvSgaIZl3VCCQ3FW2HWoTGqtyKBjTuZeRSZX0q2oG1eKj8kUAVFjFBIC4HWhVK9aRhufA6+tBBz/jXxhbeBPC2oa9e2tzdWdiu+ZLUI0mzIG7DMvcis/VvHc+meKfC2inScnXvOxM1yAYDFH5sgICtnCVR+O9ncal8G/FllZ28t3d3dn5MMNvGzSyP5iHA2q3YGsrVvCEtn8SPhzq+n2WtX1naC8e8urq4nlSJJbfbGSZThcvwQADigTPRtU0mz8QaTeaZfwLeWF5E0E8D9HRhgjiuS0Tw/p0muHQrrVNS1n/hGfslzbwXxQRK8qv5LEqoMroFYjcepz1ANa8GtX2h6FpsniGNTqt5draiHTUZ1R5Xby1yfvKiAFm46NVDw3ID8XvH8Qbk6fo7sOSD8lwMsO+Rn5u1AGpD4J0m117VdWWO6a/1RVS8kkuZD5wUYXI3YGB3AFaWi6DpvhuxSx0qwt9OsVLFYLYYUZ68Vcb923pUiigYhUsuB1qP5kbb+tTBsNSPk8frigTFZGYdML609EVeppgYs/JwPasvxV4p0nwbYJd6tdeTG7+XFFGu+aeT/nlFGOXc+g5HcUCNnK8Eng9KY8Y8zIPFcA0fxE8RLHqttPYeFIEP+i6HqFsbmSZf+nqVSPLb/Zjzt7k06H4pf2DNFaeNdJuPC00jbFvyftGnSH/ZnUfKf9lwv1oA7uT73WgHc3NMhaK8t47iCRZ7eRd6So4ZGX1DLkEe/X2rl/Enj+DSdTOjaRat4g8SsoKaZbNgQ56NcS8rCv1yfQNTQFb4reN5fAWiWF4rNaWdxfxW13qQt2n+wwsrMZSg6nKheRgbuaqaN45GnaLJqN5qb+KbC7ugum3eh2TXDyxeWpYFIQ+CrbwScfw8VuX1n4ufS9K2HSrjUA5Op20jvDa3CNG25U+V2wGweRz3qp8N/h7/AMILJ4guhBZ6Yut3iXJ03Tt32W2KxhMAlVDOwBZioAoY0Qx/FK5uZFNh4E8V3h/2rOOH/wBGOK5X4Q+K7rwqIvDHjLRrjwxrl9PcX0V5eSo0OpzSTM0iqyZAZV2gqSMADGa9kZmbnJNZ+vaHp3iTS5dK1Wyh1HT5wN9vMuVyBgMO4YdmHI7GkM0w7btrDB6cgj8aazbMDueAMZJ9xXm3/FRfCfJT7V4r8GDJK8y6npgHUcY8+P6fvB71JJ4u1X4lFbbwcJtL0NiEuPE11CQ8gH3ktIWHP/XRhtHYPQBf+Lui2fiTwfb6VqEZm0671jT7e4iLEZDXCLwcD5uSSR6Vw2mR+I/CPj/wd4O1pZdU06K8uZtK1/tNALK4HkzY485dyjJ4I56816vpfhHSLPQbPR5LMaha2hLR/wBonz5d2S3mMzZ5ycj07Vu+WhCgorBTldyg7TjGR6HHH04oA8P8Bwpfa98WjF4mm063h1uaaRbUQMCptowJNzoSBn5eo6Z611P7PMxb4L+EYtrRzW9gsEySKQyMvZgQDXo6JHbKuxFj28DYoGOoxx9aeZPOYkkknOcnPXrQBSWNnaXDYx1461HIsiOueV+laarxnaM0pQN1FAFG3LGTzGGR6VcaMbetRR/dx2p+S3tQMjYDbyc1A58xsjpU2FCnimxx7V9aTAUMRjNL8tJtyaNpqRorlSaaFx0qwqhmCrksTgAdfcfhXKah8RtC02K6mknuZba2mW3mu4LOaS2jkL7dhmCbQ2eDyQp71ZDOk3fNuwc9j6fT0pka7PmJ285OOMn1rl4viTZXWi+KNTttO1CSLw60sN5HIiRMZI0LyIm5huIUA54HNPvPGlrH8PovFN5HJp9lNbRXSQviSULIAY0wpOXIZflG7k9aBE/i7xZD4R0v7SY2u765k8qw0+E/vbyYkkRoPQHOSeAuc9DnidN+Fc91qs/iDUvEWqWHja8GZ9Q0uYCCNQMLbLC4KOidiwJfPBFdB4R8O6jda5/wlPiOMJq08bRWlhkOulQH/lkD08wrjew6kADjiuzkVpNq7cr02k5A/CgaOEa5+IHhsgXFlYeOrBes+nOtnf49fJdvLf8A4Cwq5ovxa8OatcfYJbuTR9aPH9l6vA1pcZ/2RIV3/wDAc127RnaMuTjkbucVyPxY0Oz174beJU1Gzt78w6ZcyQm4iVzGyRMylSR8uCO1AM2rzxBpOnqTeatp9mV2g/aLpI/xIbmsC6+MvgS1KrJ4v0ln/uwz+afyTd/OoPh78NfB1n4V0K4i8J6Kl1Np1vJJM9lG7MzRKxJLA9ya7u2021slC21tb2q/3YIVjH/joFAjzeP4uW/ii/8A7F8D20msaw0YkkuL+GW2tLSNsqsshZdzZYHaiZLY6iug8O/D6DRr7+1r+7fXvE7piTUrpRi3XusEQ4gQ/wCzyaqQEp8ddZcksZPDFmOTk5+1XI/rXcwrs+98w9O1A0U/KMcmWAHGM45I9M1akjS4tZYJEWWCYbZIpFDLIPRgeCPrUrRq/ao2Bh7ZFAzxbx14OsfCX2S48HaxeeGWvNbs9KvrDSLlTCvnuASsbAiGUAg5QKOa9Y8M+FNJ8H6WdO0izW0tt5lkbkvPIeryOSWdvdiTXi/ilQmu+LGI/wCZ90Il+5/d2vWvoFs+Y3PfNBKGeV2z8ufu9vypsin8e579+/4mpcUyT7uc0FDVjGc9qif55MAY96mjQt7LUvk9+1AFbfLEyl8gf3s88dPyp0gDBiRuOCOeeD2qcpuYZ5pvkbc4OKAM9FleYkcA9Rjg1oKoNRQ7eanTDfdOaAILrJTAGTTYPl6c1bwOoNQIz+YwdcL7CgBSxHAFSKTtqL7VG0rRq6PIn3o1PK/Wpdp6CgCKNRt601lduBx71MP3eFbjd39Kf7UAQeSBnDbqeIxGtKOOtMZvM46UAN4peKiCtu5p+0VLKRi+K7W/uPCmvRaUdurSadcJaY6+c0bFf/HttcP8LvE3h5fhH4YsVuLYzRadHZz6Ydv2g3AQJLEYc7y/mAk5UZPJNeoxrt5HB9c1ALG1iupLqO0to7uQYe5SFFlcc/ecDcep6mqMzwOx08atpXxrkh1LUk87VL8wWmnlSs4e2jVDgIWcM3y4DY4rc1SLU7D4Q+EryH+1LS50q301ri0j/cOoRoklLxOFaTbhhsOPXqM17IWkZUBdiE+6MnC9enp1qvJoun3moWt9c2VvcXlrnyZpYlZkyckgkdc9+tAE8kKxyugXABwMdKVYwuMVMy9WznPNM3fN/s0mNBx6Vg+O1B8B+JgBz/ZN5/6Jat9229K434jaxJBYw+HrOFLrVfESXFnFHJKIlhh8pvOnY4OFVSmM/wATgUIGavgVSfBPhvIAP9l2fP8A2xWtDUtXtdF0+a9v5ltrWJd0kznCr+h/lXlPwz8SfEDWvAOhy6foXh60tI7ZbSO61DUpmEwi/d+aEWIfK2zcvzcq2a9E0JPERgv38SyaRM0kY+zppMcq4AVid5lyT/D2FMRnzaloFnHN4+FybuG5sorb7VaBpo2hWR2j27A3O92DemK7KPLxqdj7mCkKyEEf7w/+vXzNHoup/DH4b2cuhwtqPgzxHY2Qu7FDl9Ju5Fj/AH6dcwud25R9xj2r3XxR8O7PxVqrz3Wsa7bx42fY9P1SS3gwP4tiBT+tAHUtC0aBiuAemcf0NZOpeKtE0lR9u1jT7T1FxdxIR+BbNcqfgT4HkYNc6LPqTjp/aeoXNx/6FIa1tP8AhX4K0vH2XwhocJH8RsUdvzYE00B5H4/8ReD1vbl9P8W6Zql/rHi3R70WlrcpIYlR7eIjKk5BCE5wMV9D/eZs5BzjkYP0P1rH1LwfoetaLfaRdaXaDTryM280UFukZwe/AGD7jkdq534a6xqVut/4S16Q3Gu6DsiN02T9utWLG3uRxgkgbWXOQymhjR3TKO1Vplwue3pVyNCy+lQ3EZYnbx/tdqQxIJDJuUipt3y47VnxZWTLZBI5GeQfToaurlmUDr6f5xQJhks3FOamO6W2TI6oemHYKT2z+fpmnMwxjvQCCFRzgYqRlG3pSKm7pT2U9KBlfyyDntTVbtu4qyfljbNReVxnPNADI7eJXd1iQO33mCjJ+tS4CrwaT8KYw5x1FACqvBHrTZN0fvU0OX9qSZVC5JzQBCG8ymSKUxgVJHHtOVGRTpGPy4FAEBbLY70bD60vlt5m7FO2e9AyNfu0m0s3NGaUNtkx1oJY4ABMEc0lK1Kq0CGycR4qNACuD1qZl+Wo8hDnvQASR7uleO+KfDviDVfEGpxSxyWepeIrj+xbN0ZWGn6NGFeefcDgPKd2O/zJ/drtLXxVfeMvEmvabol7b6ZZaJOljcXstv8AaJJbooHZFQugCoGQMT1Y8VJ8MfG1z4u0XUhfQR2uqaTqNxpV8tuT5TSQsCHTPIRkKnB6bjQB0tlp8Gl2dvZ2US21rbxrDBFHwERQFUD6AAVLcWUN3ay21xEs0EylZI3GVcEYOR3/ABp6vuYADp3qc80AUbHTbfTLVLW0t47e2QFVhjUBAD1AXpjip1ZlJBXg9j0/Kp6Tyy3WgBEXdyRzTSCvc/nUwUquB1prKe1A0IuW5zz6muc8aeLm8NyaJp1pDHd65rd2bLT7eRisfygyPJIR0jRQW9SWOOtdKudtcN8SfB+paxq3hLxFoqQz6r4dvZJlsbiXy1vIpYwkkYJBAYAblJ+lNAyp438ceI/hfoeo67qp03WtKt7JmUWkD28guy8SQREGR8q5c8iqfxB17xL8MvCUfi291f8AtVLGe3/tbTfssaQGKWRI3MLAB1MZcH5ic4rX8S+Gb/4qeEtS0XV7OTw7p91bhULypNcLMHDxyDYSoVWUHGfmxxgUms+C9c8caXY6R4pk0v8AslZoZ7w6ezvJqDRsGVVDqvloXUFsbjxTEZOn6p/wsD4heLtImubq20bw21tbrb2c7QNczyo0rSs6EMFCgKqg8856iuC8d6xqK+A/jN4fmvLm7HhV7abTb55WFx5U8aSbC6kZKDIGckg5OTXrt54Ce28ZXfiTRL+PSdQ1OKOHUIp7Xz4LloiRG6oHRlkCnGcgcD0FPvfhHpWpeDta8P3V7dsmuSm41e+j8uOa6cgHA+UrGoChRgcAYGKAPOPGjNdeMPhELjw5LptpFrTRxyXTwOGH2Ryq4R2wMgHmvb13SEPjA9KxNY+HOn61JoUt/cajNLosvn28sc3lHzNhTzH2KM/KSMdOeldIwDZx26UmAkLhepqTcrLnNIsNPVAq8CkNFeVmOQDxTliPrQyndntTlJXhuPegYxkNCR47VORnpQqhepoAYBjotMZdy0Mx7GnKTQA3ZxjtTWB4qRSTS4BoAgZaj2ip2qGgCqmW60qrtkoooJJKcjHvRRQBJlduMc1BJCZM7TiiigDhtI8H6z4M8SeJbzRLO11fSvEdympC2muTC9vcBFSQtlCGjbarcfNnoK3fA/g0eD9GuYZZ1u9S1G8n1W/ulXCy3EjBpNo7KoKKvfC80UUAdIkO3pT/ACz60UUAJxUi9qKKAHSAL9agjk685oooAPMC49D0FMWTcp6gdMA8UUUASK22Tp8397v+dSbOSQeT1P45z9c96KKAG7d3XPTHX1qSOQqMKSo6ADgDnOKKKAFChuoHHT2p3k9ccUUUAM53daeG7GiikwDaMY7Uxl/KiihAR/aD2OB9Kb5gfoTRRTGh25FbrwAx6cmuaf4kaJFdeI7cSyyTeH7Rbu+VYjwjK7LtyRknYQfTNFFAzf0+8GoWNrdRKwSe3jugGABEbqGXPJ55wR+VWS23luv92iigDj/FnxAPhnxToWgpol5qV3rIkNo8EsKoSg3OGLuCMD25rR+3+Jf+hRH/AIMI/wDGiigD/9k=)

Вторым соединением из карбапенемовой группы β-лактамных антибиотиков является меропенем. Это производное используется в сочетании с ингибитором дегидропептидазы циластатином, таким как имипенем. Он устойчив к ферменту дегидропептидазе и обладает более сильным действием, чем имипенем.

Имипенем получают взаимодействием тиенамицина с формамидом. Поскольку тиенамицин не получают определенной степени чистоты путем ферментации, имипенем получают синтетическим путем.

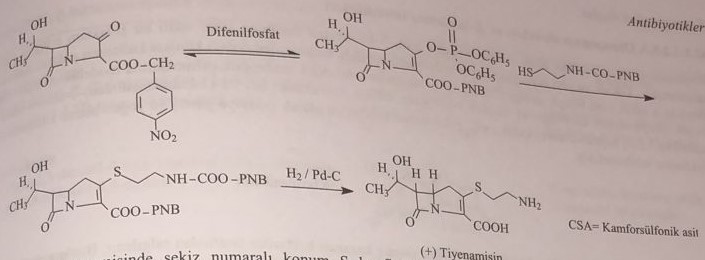
![Diagram

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4R/kRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjM2OjU1AAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAMwMAAAkpIAAgAAAAMwMAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NTo0NAAyMDIzOjAyOjI2IDIzOjU1OjQ0AAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAADjcAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAOwEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A7RpNIXn5HOCWKAncDyckdc8/rThqGnRSwLDaoA0gQnywNpKlh/n3rM0JYdWaV/OtbNnViA/zct2GKuJf3skiD7C6IWAJIbOM9eg7D9fzAI0uNWwkKojNsXcZByThd3II6ZJ788VM8Wry2s6B1WRlYRkEDH3gOev939aQErWmpPMXLqFH3MN23KeR64B/OrPkXTabJDK6tMy4DHp0Ge3rmgCgdO1BiqNJHhHDLk5GNhGOnUHBzUh06/aJ0e6VgyMvOTyQMduRnPFACSaZdnyGjuFjZIyj4B59PypH0++JYresMsSASSADjj8OefegCu2k6h5bBdScMwYbuTjJyMDPYYFSXGn3cszPHeNFkggAnA6Z4z3wfzoArtpF4JY5Vvf3iqy5bcRgge/qM/hUP9maizsZL1/kfKHJwRsA6Z7HJpgSy6fdSJHi7YbOWHPOGyBnPPHHNMjsLqOWNpLkvt+9nvw3+K/lSArNpt/5hdbsBmVVY8843f8AxX6UsVlex3oledXj5BXnJHagCv8A2ZeGVHadSy5IfvyuPTt1qT+z789bpc7WGe4yR7e340DJYrS+EUqtOoY4KbTwvIyPu/Xn36cVC+m3zmQ+dHuYEgk98YB6fpTA1YInS3CyMWfuaMDOKQDiQVqLAzQMViNtQ4GaYCHGKjwpBoA0YdJsoVCrAhAAA3ZbgdOtXEghQfLGo+goJLK4AqQYoAeMelPH0pALn2paAEPSmnNACcmmYNADTUbZBoAbzmmMDQBUmvIomKsSCpAOFJwTwB+NVzqVuZPL3ncTjG09ef8A4kigBjapa+XCTIR52PLJU/NkqBj/AL6FSrKkjMEYFlOCKAFOR0oAJ5IoAdzTgCKYwPSo/LzzigA28dKZt56UhlGZ53dvI5jHAKgEE5Ib8RVcnUVJ+RSpYgHHIHbI9/05pgI7XqEMFZ4xglSACeD/AFxU9u0jowkTaVbAPqPWkB0IHNPXbTJKL6xHHJsEDsdjMvPXG78vu1qo4ZVOOozQBMCPSng+1ICQCoblZdi+V2YbsHBK+1ABAsgt0ExBfHJqQ0AN4ppFADCKYaYDSKqvdWybszx5XqAwJH4UgM6xu7HWbZryJGMTtsBYFd209cfXpUr2Vq20mIblJKnuCc5P6mmAxrS02Ivl/Kn3Rk4XkEY/ED8qbDawwSeYmd2Npz6cf4CkBNvFVpL9IrpYChJbbg445JH9KAK0tnNLJuS52hWYNhuTkHGfpkVqK6hQCegpjF8xc0bx0oGMeQBtvU1UMk0sj+W0aopxhoySfXnP9KAKml21tYLcRRRpEzSl2C8A5x0/z1zV7zFIyOR7UANZx70wuOmKANoCqr29wdRilVm8lWBZd3B+Vx0+pX8qCQh1KzOpJYlP9IlDSLhOCo7k+vNX7W9tLqeeC3njklt22yqpzsPoaAFtNTs7xbhoZcrbyGKUsCoVh1HNWo7iKR9gJD4yFYYJHqAaQCXLSbVWEjfuBYcZ255IFV5BeTabJE0bCcqcMNuDzx36469utMCQx3C2vkoSWXaN+QCwyN3HY4yKrJHfRGZ3VpSGJhHmYCrzgMO5HXPP14pANtYr6JlaQlt2Ays5OBuY/ngj+VaJoAjYise51WSG4miWNCEbAJPUbVPr1+Y/l1FAEz6ii2nnbJWYR7toibnjOOlPiCLbou5XG37w5De9MDLF+trdNbCEBTISD2wcdOOuW6VeglWe2imKgb0DYBzjIoAc2z0pmU7UgIJZYoI2dyAv9TxVY39k0rQSEI4Ult4xgDH/AMUKAK9pdXv9pXStYn7KSHSUuAzcAYx+HfFTW91KLm6Fyy+XuHkBY2yox/FxjrQMdYS3ctmgmMTTZO+VFIXqcYB5PFTm6MRCSxksThSgyG/w/GmBSubCW4uVuYr2S1YurSIiht2BjBJ/pU6E2oKuGkQksGC85JzyBSGQvp6Ty/aNzoWwSv0x6d+KkgVba1hgBLeWgUE98DFMCXOR0pnfpQBp3ExhjVgBywXJ6LnuarQX127Mrxx8sURgCBncwz+QBoJNBLCFfmCnzD96QHDMfUkVHb2jx3dx5coUsVZn8td7HHcjr+VAE9lBH5kjOyyOJCRwAPrgd/erV0EEBd0DBSD9PUj8KACyjVbWNsfOyje3dj7mn3Il8n9yMvuXIzyVyN2PfGaAKUSXkKtvRmVB+6VWHAycBvU42+tMgGoLMJJATHIfuN1QFyex7Kf0oEaRFRlAaQyCUxxYMjhc9MmoDcW4/wCWgP0yaBFLUVhvbOW3W4nh8wY8yJG3L9DiolSGONESa5AAAciBzu9+nBP+fWgCx9ot8DCT8f8ATvJ/8TTWuoMfcn4/6d5P/iaYyhp+tQ6lcTwLa3URiYqXkiIRsHHB/wAcVo7UB4pARPFFKpRgGVhgg1EbC2LBinzDnOee3+AoAsYQVVWe3S9mQ7iwK/dQnHHsKAGWtwyrJHJA/wApyCi5DZJps8ga6gl8qREjyGLAY5xz19v1pjLrFMDGKjLIaBg0iqmcgComKkA4z6UAAIbOBim7ucUAbIqVRQSPLrGpZ2VVHUscAVVtftE88028RoSAo25yO3P0I/yKALEOnJFPJKkroZCSQuMZJzkZ79Km+yqx+aWc/wDbUr/LFIBjMbERQr86ySbI9xPy8E8nn049zVY6rIropjUbmKE7s7MEDcf9nng8dvXgAsNet9gaYIfMCFhlCVOCe/vj1qpNfajHFPm3VnVWMZjBbJCkgEe/HTPcduQRetJZJrYPNGUfcwKkY4DEA/iMGpcigBhqJhk0DIynNRlAepoENKA96aUFAETRjjFNKjHWgZH5ag5zzTwo9aAI50fyHMJ/eY4qGxg2I5kXDvIxJ9RuOM++MUxl3YvQdxUbIi9s5oAzptMEjMyyLgtuAI7bdu0+w6j3xSW9h9mcsbkuSMEkctyTk+/OKAKzaKnluqzMpddrELwfwz9P8k1dghWCARlt2CTnGOpzQMeCueKCRnHegDYHWpM4oJGyp5vlkNtaN94OMjoRyPxNTW6pb28cK5KooUZ9qAJw+T0p4OaQA2GXBUMO4NGSOdvWgA3NnpTST0oENOc0w5BoAYSQQCcE9OetMLfNjIzjOM0AR+YGbaHG70zTJHVCFZwGboCetADRiSMOjhlPQjpUe5WjDq4K4yDmgYx5UQbmdQM+vvj+dV/tUEhIWZc5xg8HoD0+hFADWngUD98jA9Cpz2z29gaRLm3aRkE67lYKcnHJGQKAJfOj3zJuIaIBmBGODnH8jUcd9byKpMgTIDKG4JBAP9aYCf2lbb9pk2cZ3NjHUj+hph1C1HmM0nyInmb8jBGM8d80DFF3Cdu1s7gOhHBJAx+tVBqsLnmNwBF5pyRkLgE/ln9KAJ5L2KJH4yFAI565z/gapyaxablA3HdjoDkZOBwfU0AC6tbeaUAbIxjp3OPX+VR/21G6qY4nOQcE4AzjPrmgZ1op9BI9VGOlSADjigCC8leGNjGcEAdh60XlxLFpM06PiRc4bA9TQA+5mkjutqNhdqnH1cD+RqpZXU8t/wCW8rFFGQM/7TD+gpCIFuJ3v1VppNrXUqkbyBhQMCp7mV/stv8AOeL3ZyeqiQgA+vFACS/Nq5jYAoykspHBwvGfzNZdvcS/8StN5ChQvHHGwnH6CgCt9puJLVJnnlMkc8m07zxjzgP5D8qjiuriSQl55CfsjNncc58uI/zZvzpgTRMzzIzO5ZpUBO45I/enH0yBVSNm8i2BZj+7fqc/8s5TQBnNK7OqMQyieUYIB/iFTNGiXMSqihWmOQBwfl/+sKAH2sSeTENvASEj2IIx/OpfLRr1gwztCMPYhBQBKltF5SLs4WMgcngFMH9BRFbxGTlc4dcZJ/hBA/SgZqiztmLgwJhRtX5fujHb06npVeKyt5bqRHjyIiNnzH5eBQBbOlWRVQYeFGB8x6Zz6+ppwsbaMNthX5lIOecg9aBle4ijV4gFAAU4/Ag/zpWtLbZgQRjPynCgcdMfqfzoAe0aHdlFO4YOR1FRmGJRxGgx0wooAYQB0Apo+9+FAz//2QD/4THkaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLwA8P3hwYWNrZXQgYmVnaW49J++7vycgaWQ9J1c1TTBNcENlaGlIenJlU3pOVGN6a2M5ZCc/Pg0KPHg6eG1wbWV0YSB4bWxuczp4PSJhZG9iZTpuczptZXRhLyI+PHJkZjpSREYgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdG9yVG9vbD5XaW5kb3dzIFBob3RvIEVkaXRvciAxMC4wLjEwMDExLjE2Mzg0PC94bXA6Q3JlYXRvclRvb2w+PHhtcDpDcmVhdGVEYXRlPjIwMjMtMDItMjZUMjM6NTU6NDQ8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAMCAgMCAgMDAwMEAwMEBQgFBQQEBQoHBwYIDAoMDAsKCwsNDhIQDQ4RDgsLEBYQERMUFRUVDA8XGBYUGBIUFRT/2wBDAQMEBAUEBQkFBQkUDQsNFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBT/wAARCACcAqQDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD6A0vRbTxN42ufEOkDVtIS40qax1K8SKS2aSQyJ5JjWUY3IBJ820gFgeRmrS+C9X0fxZoF7pjzavaWNnfwzXusahunaS4Ee0ZCZKgxgdgARgHHPeKdyozsDt+UAkHnuCT0/SlZjJIpwwPRXI5PsOK4zsZ5ronwWnvdJ0Kz1rUbGa00/wAPz+H7mOzSRnmWUoTIsjEbSPKTggjrW2nwh+3eH20vXPFOsa65ltmW7k8qJ1SBg0SABCM7gpZ/vNjBOK6jQdQlu9Ft7ueym0x5AzSW9zgPEeeGwSM4HYn8807WvFWleGY1k1fUrPTkZ9ivcyqobABJHqACOenNIRm6h8O/D/iLUtQvtUgm1K5vLNbC6We6cRyQqcgMikDO7c2fVqt2/wAPPCqzCRvDmmzS/Zxama4t1nkeEHIQuwLEA9MkkdMkcVzdx8QpPDvxI8RWmp3kb6Fa6PaXlrDHb7pA8s7RkDblpCflxgd6u638WtH8NXr295Z6ixhe1W+dIF22f2h9sQkBYMSechAxAHOKANHwv4Jm0Txt4m124ns7mXVpIZYlitv3tm0UIhwHJJwUGCowB2rtkkkVCpDFFO1Yy3y4z0wex6gmvFPHnja68Vaf8QfC8Hhq8ddNguLW8v5LuOJYGa1aWJ0CvubcQDx0A5xSeG/jBqHhnRfDcfiPw7FZaTe+H/t+m31lerPJKtvbLI6yqV+RmTJGC3XnvQB7jHMVkUlmLKAwJH3cD7wA9cgelRW9nZWjvHbW62zXEjTFUXaryEfMQDwCRliR94+lea2vj7xLBqvg+K9i02Sz8X2bGya2hlV9OufIadVcGQ+bGVJyw2HK4A71h+AfH/ivUD8MNV1fU7G5tPFE15YXVhbWKwLC0aTOkqvuyWzCRgjGP4QeaAPSdT+JWj6HplpqNwb4W13qf9kQkWkgPneZ5YLZwBGWzhjwcV0Om6tbarqV7Yx+ZFf2RBltZVw+wkhJFAzlGIIBHOQQQCDjwjxJq2r6t8H9Zm1nU31O90fxxFZfapEVC0cWoxBFIA6AE49Mk13PxOjuV+MngGK1kuIJtStNW026Nu5jkaAQrMMMOVKygY+pweeUB6fJC0a73zEvXe3QAnGfz7daztKutRkiuhqGmDS5PtMsKQm4EuYh/qmJz8pZcnb1r568ARXL+F/g74n0zXtTvvFOqagtvqX2jUpZlurT96LgPGXwqxhU+bHfqOtZuvW2hTfDnxjaSXENxFpnj9Xtx9paVkt2ngLFcsWI8syZbngHpQB9NXGs2GnWcd3d6ha2trI/lrcTToiFueAxOCeDx61z3ijxhfeH/EHge2tY7ObTte1Q2U0zEmQfuHkjMZHGDsJ3cjiuTuNH0bwN8WtP8/S47XwJcaJJZ2PlWxmtLe6acyTIVVTtMsbZBCjPIyawbHw3qfh3wh8Oobi0vXjtvGUt9FbrA8r2emt9o8kOFBKhVePOTwGoA9ctfEluv9vzz67pV3ZafMcmzwgsI9ikrO24jdwT16EVyOk/E1tS+JXijTBrEK6BY6DDqEDy2Lxvas0jqzvuAMgxtI45yMVy3ibwPr+uL8V4NH0a6ilvNU07VLCOS3NvFqCQrGJo42KhSWKbcEHO6uqs49U174pXHiM+E9cstIufCp08/bII45BMszOE2lyT8pIB6Zx0AzRYDYs/il4d03S/DUd9r7apfaraCe2uI7OTffhVyZBGqnDMOi9Txius8M+JNM8YaPHqek3H2i0kd4svG8bJIjFXRlYBgQevFeSeC/BfiPTNP+CqXOh3Sy+FxcxaoPMhUQI8DRIEBf5uSrdzweldt8KdE1bw9a+J4dT01tPS+1+81K3Bkjk3RTMpGRGflIweDxzSAvfErXIvDHg/UtSmu7zTVKLCuoW9os7WzyYVGKMwDAMwrl7bxPbeGda8Safrmq3MraXYw6mz3FrHHBDbFSh8tkJMmXjY8gEEiuo+KHhe58cfD/X9EsXhjvbu3xbecSIxIrq6qTngErgntmuF1r4Y+I/H2ueIrvW4tN0iw1rw0mjv9luHuZ4ZEmaSOQLsCsAzEkZHHrSA1dQ+Jken6Tqj3Wh61YTWOnHVCphjDNb85dDvK71xkoxDdODUXh3xF/ZviDSdNnvte1xtU0BL20a5+zhJvJVTIwUYxMyyqOTt77uDVbwXeeJfH2j+KNA8Sy2Np9ijn0O4l05XdbqR4Qv2jLAAKFY4QEncxyeBk8O/D3xha694L1O+v9A/4p7S5dLaKBZybgMsSrIXI+U/uuRjgEjnccAEvh341QeJH8Nyy+H9T03T/ETPFY31w8ZUzIGJjMasWVcI2Djkj8a1NJ+IE+uXWny6doF1faLqF1NZwapHKGCPGXUvJEOUjLIwDnOOpAFYOj/CfXtI8N+AtON9o8svhfU3vywMxSZCJAEUEZU7ZmGST9xfU40PCHw31zwXKdLtPEUD+DIrx7q2tTan7ciM5f7MZc7fL3Hltu4gY4zmmBg2PjOBodD8SmLXFivvEtxpM1tLqweOCeRzb4KhMSQqY9ygEFTjirv7QkqL8N31KZwjafqNjdCTzChAF3EGzgjjDY596bf/AAZ1iaO5sbXxTa2ulL4kHiWzWTTi8yymbzWjkPmAFQS2MY966/4meC5PiB4MvNBS+jsTdNGWupIDMAEkWQ/u946so78UwOeuvicsfh7XvFf2HzPDtrzp91HcZk1EbxGjIhUbVZ8KrE85zjHNS3XxIvtD1K40fVNCSPVf7Kl1TT47W8Lw3awriWNnZBtkBIOMEY5BNUoPgqg0fxJ4euNVz4R1rdL/AGVDCVawnbDGS3k3naDIPM2FTg8AgFs7C+Ab28voNU1jW4NR1ez0yfTLO5jsjEq+cAsksi+ad7FVAC5CjnrmgDE8P/FXVPEF94egn8MR2K+JNKl1LSXkvxK0rRqjNHIBH8gIl4K7jgeoIqLRvivNrmn+AL0aSkNv4ta4gUfaTvtpY0kYAjaQ6kRNyenpV/QfhXd6HN4DYa6k8fhK0ls4kNhtNykkaxncfMO0hUHTPOfWs7T/AIHXGlzeG4YfFlwul+HdTlv9NtvsEW9El83fG7ggv/rSoPGBRoBgQfGnW5NKtNTfwjbpp82tSeH3ZdTUyi5EphRgDGAULqgJJBGWIBAzXQW/xM1aTT/EsUvh+OLWdAv4rO6t1ui9sqShHWdpGUMEVGJbj25p4+C9x/wjsmknxFtjbxF/wkglWwwwm87zjH/rPub+nOQMjvUXiL4Nya9d+KJpPEEtq+uXllf7YbRGWCa2I2ZDEiVWAG4MOcCjQDT+HPjYePLHUiYFt59N1F9Nla3lMsUuxVZJEYgHayPnkDJHTHNcpr3xi1vQ4vGFz/wjFpPYeFbqFb1xqTea0Eiq6vEmzBcBs4JHNdp4N8AyeD9U8Q3r65car/bN0t7LDNbxwrHN5aozrsHfYoA7dc5waxPEHwjl16PxzA2ueTB4sESzqtkM2wjQRgIfM+YlVHJ709AKF98XLrwzdeK4PEeiixm0exh1WCO0ujcfaYJnaJFJKrtcSLtOAQMggms/XPi5regaH4mvL3whJINHjiuElHnwW1wjNtkVWliVhIjYyNuCpzmum1T4PxeItV1K61nVftttqWhpodzaR2qxZRG3rKr7iQ4clhxgYA5xVW++EOp614L1XQNa8bahq73lstnFezWkaNDEGDElUI8yQ7R+8Y9ulAHDeKvFFx4V+JXh7W/EGnQaXqd5o+oWEFrDc+b9pczWxt1DbQNzbipG0Yz1ruvFfjvV/B+j2l5eaHZxyC2mmuvN1Flt4nQArbrIUy0kmflGMfKcE45Xxv8ACODx7e6LNq17HNa6faT2k1qLQ7bjzgods+ZlMGONlA+6y5yelZcvwf1O6TQZbvxhc3N/pdlPpzXbWEbPcQSqoYkMxVZQF27wPmDHIzzQA+5+Leq6pqWlWXhzwoNXm1TQY9etmur9bZWQkBlK7MqwJ2jHU9cDmue0P4pXvjDxR4Xlt4Y7Xw3qGjXOpzC4lYTxvFKkcoYBTkxneoGedxzjAptn4R1TwX8RPBGkadrckp0/w1c6c+oXGll4yokiMSEBgoOE3Lz1j54OK6W0+Etlo8nhdtNv5rVNHtrmymjkiWUXkFwVedXyeCzqTn0NAFbQvidJfzeFJbrSTa6X4oyumXSTl2LeWZESZNo2M6AsNpYcHJB4q/468eDwjc2NlFbC71C8imnjiaRkj8uMoCSVRzy0iqMjk9cdaq+H/hUdHPh6zm1mS+0Tw9cm60y1ktwJo2AZYhJJuO8Rq5Awq5OM1t+MPBd34ivdI1bR9Zfw9r2m+akd1HAJ45YpQPMikQkblJRCDkEEUDSOE074oajqni7SFOinTvD1zoU2qSx3x2XUJjlCuHTZ1QHAGfmDZz0psXxxWTT7+8Hh2+eC30p9Xgkt33I0SgEpIzIoSTB3BQW4BwTXUah8MX1DVtF1K41u4uZrWyuNNv8A7RArG/hmZHcZBHl/NGAoGQqnjkVm2Pwt1iz8P3mg3Hi17/SRYzafYQS2Kq0MTx+WvnMHzMUQlVxsHTOaAKkfjl9V1jwdLqXha+0x9UuZY9Ome+R0CtatKGdVPzblBwp4XGc11Wu+JV0W60rT4Lf7bqmpPJFaW5lESBY4zI7sxHAAAHQnLDismTwDfHTfBcH9p2zzeG5opmmazI+1+XA0GMeZ8m5XYnGeQB0rS8XeFJdfu9F1PT7xLHV9GuGmtZJ4vMidHTZJFIoIO0r3ByMCkCOL1jxgniHWPA9/bfa9Lnh8TTaLqFjJMV8qX7PMHhkCkLJhlRgRkYI+laMXxMS68QQ6M2kXkF5cx3c1lG8qebMtu2190ZIKbuSjH5SO46UXHwxuNtjPFqkC6jF4h/4SO8meBitxKFKiJMODGoXC7skkDJFZ2k/CPVNN8Sabq0fiKzlOn6hd3cfn6cWmnjnDAxzSeZ8xXKqGxwFBxmqBljRfihL4h0iw1K18LaqlpfshtZLiWJIpAyOzPI4ciNV8thlsDJGM9ayLn4lWN1rXgzxXHdXkeiappWoKbSaQLvliaIKmwcNLv8xAAck4xWlb/C3VNN8EeGvDyatZXD6Ldi4Pm2shtbyMeYVSaLeN23eMDOAUB5yRWDJ8Crq60nQdJ1HWbW7s9KnvpI5FgkhmxcMzKysGO10Yhgw7ikI9KuNUe30l9Q1CzuNOMULTy2zlWljVULsCFJBYAEYBPOBXFaj49TU/DMN5FFqelQXlxZRw6nbiGVNs8qqhB3bSpYhG6spPK45rsdFstesfDiWOralbXuqrbmL+0LaJo1dtuFdkJPQkkjnOPeuB/wCFN3f9k61FDdafpk961ncxWtojtZm6gl8wzNGcbPMwgYJ/dz1NA0ZeueLr/TZdPkS/1iaXTPFC6dfWqxokk6So0iQ7UOGVRJCqkkbu+Oa6u3+KumXkYj+x31vqX9otpjabcpHFPHMIzJhtz7OVGRhjnIFZsnwv1/UrrWL261bTBf3eq2WsxeTBKsazQIishO7O1tgGcE9TjnFWtR+F9zrS6o+ow6TqFxrV7HPf2czSLbrHHCYo1hkC71dcK2/AOc0DLFv8QnudevNHi0nVIbdfD6ap9phVPtC7y4Yhd5IZdoAGPvKe2CZNO+Jkb6hoFhZ6XqepadeaB/asd5IIzPIqiPaWBcchT83+04Az1pmh/D3W9A1DSLxdXtdSlj0VtIv2vvM3SDzWkQqwGTy20sedo6c4qPwr8NdY8P8A/CEGS906V9F02bSb1R5m2aFmjYSR4C4b93jaeBuzk4xQGoug+PrbdaTan4gnv7a80QatBJNYJbxiKNv3smVYncRIhKYwNnBNbvhvx5pPiq8vbG0M0N5aRxzyQTqM+S4+WUFSRtyCOTkHgiuHsPgzrtxb6RpWq6jpraPY6Te6K8tuZTcSwyhNkuCNokGxcjOPc12nw88O6/oqFddfRP3EC28T6PbtE1wVPE0hIG1toxsGQMk5J5oAL34jaHpevQ6Tc3EkdxLfDTFnCAw/aigcQls5B2kc4284zWFd+PDdfEDwjFp098NAvxfxSFYP3F40MbEGM4LMQyt6Z2nANaUfgnWNJ8aald2L6LJoupXiX8k11blr62kwvmLFgbW3FMhmb5Sx4OOcbRfhr4m0OTwhp6y6PNpPhvUpLq3uTPMlxLAySrtZNhUOBJjIbB259qCkS6d4vu7jUvh/d2WsXt/pOozXlpN9stkjaeSOKU7nXZ94GNlwPTvUtt8VNE03RrB577VNTN5c3Ntbs2nSedI8TyFoyEUYIAIAPJ29Kbo3w31zT7LwtCV0t30nXLvUJWWZyHgm87AGY+WHndOB8g55qPTfh/r+l3ekELYMtj4mvdZJ+0yEtBOJBtP7sfvB5reg4HNAz0mxk+2W8M4DKrKGAZSDg9iDyD9anlbax9MVbjx5YOOT2zx+X9c02VVUHKg0AZT5bcTyKl8smPgZ4qZ8YPyge1IsoL7enFICCzhCuu7qK0Wwy7SOKrYAbJ4xzUnmDjnrQUiCa3GWfI3dTxjOOlVWkJ4zWhIwZaqttwTgUxlGT/WKwqaPLHk1Nkf3RSNhei0ASxrxikmh+XpzSwsAvPWiWQlTzQBmzKV5qu2W7GrbSblIxk1HG21ju49KAIljZc5Bpdg/GrO/d6UzdzjApAMKboxjg1Wmtw31q0zbc1GzDGc80wKLQtnA/Whoj5b56gEjFTMx3e1S7Qy5FAGRLbmVt3y/8CXJorSbrwf0ooA5K2+JXiLXJLSwtLyzsJJPE0ejzXkFk26SCS3EyvGkjYDDI5IIbj6UngvVtem1bwjPqPiK9um1LU9X0adPlij2W6zbZQEAxISgO7j7x44Fdhovwb0ewvBeXN/q+o3ZvYtReSe7KqbiKMRpJsQLjjPAOBgda3tP+HfhrTzCItFt5DBK88bXGZSkjkl3BYnBbcc/WmzE8L8L2ei+I1+Gia3crqaHSNZiuEvrky+YUlHl79zfMx2k88sQpwcDGn8OZLm203SLnVtJvtY0bU/BkOl2/k2r3AiuI3dZIXXblN4deWIBC84Fe/WOj2emxrFaWdraxqMBbe3WIL9Ao79zWmvmMWzIzknqzYPf0+tILHzRD8H/ABrpmteFr3TbS4uNY8OeHLKCIzSIbW7u45XZreVmbkeXIQJOgIGMkYrrviB8NfG3xIuNScwaXZWtxa2b2aahdPI9jMkvmSrtRWBZ2C/PnIA4xXtQtz0b5hjHzc/5/wA8VNHAOwG7ruI5HtkdqAscXo3gHUf7e8cXesXlnJb+KI4hIljvEkTLB5LH5hjkHP4d6XR/hUI7XRYPEWoR6/Do+mPpFnCtp9nTyZIxFI8mHJZ2jUJ1AwWOOcV30cPzA1OIw2QaBHD+G/hbbeHo9KibW9V1WPR4ZLfSftrRFrBXXazKyoC77PkDMT8o6Uuk/Cfw/pNjodlEuovDoU73Wnhr+RTDK+dzfLjP3m/76NdyECjinpGrcnrQI5Nfhn4WOm3dg+iwz2d3eHULiCaSSRJrgkHzGDMTuz82c9QKtweGmXxH/bbLDJc2to2n6dCWYRwxuVaR3bBJd2Vc46BBjOTXS+Wq46Gnsg4K8GkBxPwt+G6fDjwXZaTJ/Z9zqMCskupWNsYHnUuz/Mc7ifmPJJzgdK7FVZcMqhTjB2jH5YHHGR3qyB8o6n8akGCMYpbAV4VdMY4+XblSV47Dg9O3OasbTuJV2XJ3ZBIIzn0PPPr/AEpy08YFFwGLGDnPf8vbj6cdec5pZI9wJPzE8884/qfzGKerClyO9FwIY4cfX6DH4elDR4GBgDOfujr+GKmxu+7RwPc0gKrQ59Qfan+UCvPB6k9/0xUu7vTW5IoAqx2gjVQoVcZO1QAMnqQB3wB71MYSR95qkORTPMPegCNY9ueacYxt6nH1pdw55qN3wuKpAN8kFu5/GlMIIxRDzzmn7grUAV2jUdqi2jvVqXH0qsTn86AG+WKRlzTy1JtoAZsqF4wW5qdm21G3DUgIzCKYyqTipuoNVzlWoAfsC0xgKGkpjGmAhjypxUZhHcU5ZRmiSTv2pgV9pVCgZgnH7vPy5BJzj2z+pqP7OrYzVng5PaoZD6UikVprUbuOlPijCjinBvmwKSRvL70AxHjB7cVXmhG4EU5rg9KZv+XceBnvSZJE8O5cEc1H5KrxUr3A5HX6U3cqdSORSAa1vuU9KhEO0+1W1YetVrqQx9s/QVW4yKaIsoAyB7Gq7W4ZxnP4mrXmFeP1qPJZs0DsMkt/3eM84qI242AZqdmz05qP5s5NMCDyew6fSniHa2acJMMaDN8p5qWMSSLgcnHfmpFK8c9vWm71aOiPHpTQXFaHzOhxSohT+KpFZaRmw1MYMokxnimvCODnmlmbCjHWlVt2PWgY6O2LLS/ZdvOOakV2WneYJOpoAYq7elJIuRzU20DnrUMnzHjigCjOdpqtkrIr9quywqzctzUP2cKQGNIBrSBlJzzUiOWjHAojtFOfSpFjWMACgpELZK4PSomUbcd6tlVb2qNoVU9c0DKMhPbtTvNLIMDkVYaFevalhhG0gdKAKm48nvRlmUkcj+dTuscRZ2kESKpdpD0UDkmuJ03xte65pdrq1loTS6HeNGYZftWbgxO4US+UBt2kHdwxOOwPFMDpy4EmCcZ9Tjn0pjHLDHOenNcm3j5p9Lv9astJN5oNjLPFLcrdFJ5VhcpLJHGVwyKVbqwJ2nApdP8AiHaXXi5dBnhW3+2WyXWm36zl4b1WGdv3flcDJwOoBxmgDrFkDDg/rimyE4BHP+fSue03xc2pNpVo1rHHqWo3FxEtus7MixQttkk3bc8HAxjksB64p2fjbUNc0u41nSdJhvNKWR0h827KXVyqOVZ1XbtC/KxA3AnaenFAHXKDtyfqOOtVbqRkPfGcdK5T/hP9QjtPGc/9k2qyeHN2YRcN/pAWETEltvy/KcAjuD9a6HS7q51fwzaahBBCk91bJKq+Yxi3EbgvmEdOQDx1pASq2/PXPvxUoLLhRVPw7qkPiPS4r63SQIxaNopB80Uqkh0PoQQfyrTcxrxn2pAVXkfdwaKl2jtRRcD0gRLwBTljUe5pm6k3Fc4qjEsKoFSRkLzUK/d5604fLQBZMnFOhYbqg6qOaWHO/FAGhGw9aVJO/vVZvl5ANSKp8sk9aBMt7hxTt2OlQovygk1LtPYUASJIG7U4ydgDmmxxE9akClWyOaB2EWRm4p6tRFDlixqbyVqWISJt3FOdcNxT4l2U/aGBpCIVJYEimsTUyx4b5fu1J5Q70AQRsy/SnbOcipzGMYFIB14yaAIaNucU29urbT7V7u8uYLS0Q4a4uJVjjGTxlmIxn0PNM07ULTVrVbqwure9ticCa2lWRCR1G5SRkccdfwoAsOBtx3qFgDkVM3eotpLGgCLy+CaiZWbtxV1UxSMvpTAqKu3oDQc9xVjp2pD9KQELKZFGR0qBosA8Vf3cdKjaqQFBkalwcVZZBUbCmBXYZWmt8xFTbRRs4zSAhH0qvIh3GrmT6U3yxnJoAzWDBulDKfTirrLjOMUxlz2oGUvJ5pzRcCrJUCkbIUZoAqsCF6VE0Zq453L0qHAzjFMRnyKVbJOBXP33jASa5c6JpumXms6lZxxveJbmONLbeflRmkdQZCPm2jPBGcV1cseew/4F0ryvSpI/h78QPGx1vzIdN8Q3sWqafqBicwOfJWN4HcAgSKV4BxkHjnigDYX4iWl1Fp0dpp99NquoGbydJZUjuEWFykjSbnCooIHJbncMZqpq3xMsdJ0jXru40zUEutDAbU9OVY2uLaMjKzBS4DoRyChb6VQ1qOWx+J2heOTbXJ8PzaTc6VPIYTmPdMkkdw0eCyxuQyliDjAJAGSMDxZbnWNc8a+KrJJRoy+F10m2nWNkF9deY8u6MEZYICE3Dgs2BnikB3R8XW01nod7p8Uur6frMqQ215ZlNg3IzqzbmBAwjdiQRggVV1LxvYabY6hfyl5dPtLoWKyRjJuLkkL5MQzlm3kJzgbj14OOXvPB994T8beHr7w7Etz4K1TWob+5t9p/4lk7K4MsanpFKHIZOzEGsi28P6vN8KdM8m0lv9X8KeLZb+7sEG6W4MV9O8gXHVzHKJAO/Y8iiwHok3jqXS8x3/hzVbaU2011EAYGSRIwC67hLgPjPysR901RvPibar4d8Mat/ZOovB4hnt4LRVMRdWmG6MSDzMDI54Jx0PPFXpPGGla9pd8LEyXkJtpWmk+zPGkIKMMvuQfMSSu0Atk9O9eMW+kz2Xwk+Gt1Je6815ZajpRn0+dWcW4ifbM3lCPcoRec8gDjJ6gA931rVYtF01ryaGRrWEj7S8Y3GJT1cjqQBknbk4BOMVajkVxhGWRSuV8tg24YJ4I68AniuXjv7mPx5f6XqdxJLpF9pcl1EtxaRrCih9siRsBu2hJELLKScuMYGRXK/DFfEtn4P+HLNqDiG5toYrjSbi2XH2VYmYys+N6sp8oLyFzhfmBOGUep7SjHjIpy/N9Kk2+hJ5prL3oApNHtmJ7UMC3AGKueWGYGmtH83HFICvDAyL83PpipfLPYc1NzwMU5l2ruoArqrMeBx69BS4+XcelZ/iHxLFod5pWnrA19qmoySJaWiyBAVjUNJIzH7qqCMnBIz0Nc9rXxQi8P6P4inv8ASZ4dU0GJLi/00TBWMD/6uaOQ8Oh5GeCCpBxxTKR2CLukK+lSrDtbI61gXHi57DxPoGiHTJHk1eCedbhbgFYhEqs6svrhhyPQ106fNyKBkXOcYNN8vqRxVtR6ikaPc1AEAY4wKY/pVnZ2o8sd6Bmf5Z8zoc1LJbsWBxnjtVjyfMPXHpUi56Z7UDsUNjL0FJ5Zbr1q84HpUewelAFNocg+tR7doq6w29qYyhuv88UhlQqWXFJFuXjFWSoHT8M8Z+nr+FMk+VW3YUHj5uP6imkBlahbx3kFxbSlvIuIWik2Z3BWUgkd+neuK8CweIfCei6b4cn0Ka6u9OUWsOopJH9jmRfuyM27KnbjKgdVA714Zrnxi+I3hj4xatbzWum3tujppAhS3n+wvIhLokZz8s778c/3ueBX1jao5tYjcRxxXOzMix5Kh+NwHtzjOM0wPNNH8N6x4S8O6x4atdJk1W3nNz/Zl3FKixmKYvgSliGUoZMHAOQuRk8VHa/C/dpqeHtQhmawg0qzto9VgZUMNzAHxNEc7gw3ADjoCK9RZeuOnTBAPA6Z9aBleVypHQ5Bx+lIDyTR/DeveFdX8Laj4gaG6kgn1Kxu7iIgRkzSh4psD7ofaQR2Zwa1PB2g614B0l/D0GlLqdhbyv8A2fqcVxGsZjeUuolUtvBXdj5A2QPevQ5IlkjeJlVomGChAII44PHPSkEKjGExxgYwMD06UDPK7v4ey6h4h8eX194ehvodVhiWwmaSPcXW38o9WBXnHzHHHNQWFnd+Gx4FjuiINbskhsrq3TUCHeERtEXC5KFAw3EnHAr1mSMccYPUnA/Tjiq0lvE2couWXYTtB4OcjnrnJ749qAPGobHTrYpdXd19kvtS8RXNzpLNM0Sxw/adzkLnneAQAc58wY749baLdglsggEH196ttllxgAdAuPlA5OMdMZ57fpSbT82Op7/0pCK20rRU+B6UUWA70KaeIye9OXB4pVODiqMR6r8uKlSNePWot4FOWYKx4Y4/uqT/ACpCLQUDHy80y7urewtZbq5ngtbaJd8k88ioir6licDrTPODMFIZSeOcr+R7/UZ6V598Vr14/FvwvgujnRp/EJF8rDCGRYCbZX7YMxH1IXigLna6X4w0TWoLuWw1KK+FmglnjgRzKiEHa3l7d5BwQCBgkVk3nxY8OWngeDxej3l7oFxKsUdzb2rDcWYIh2vtIDOQoJ79cdawfG1vdy/Hj4eSWYZrlrHU49RaPJP2QRoE3/8AbUjAJyCTgcV5HGupN+x9ZXE+v262FqsarZJaohOy+HyGQtntkAjP0oA+roXHloxRk3KDtkHzJkZwfepvOC44qs9wt5uuIpBIkp8xWQgq4OOh/EfkaXORjvQMuJJvYDpU24A4FUlJ4NTcNjB5qWBbVx04p+5TgVTXOT1pV+ZsDNITLm8LTlYMOtQKmc8c1NGDwNtMRMtP4K03aQKctOwCBeRRtw2MZPoDS7vmx3peO43e3rTA8v1K5lvv2idP0/UF3ada+HZL3TkZN0bXLThZXC5xuVQBzkgZOR1pCH0f9oW1ttPXyrbWPDst5qlunCGSKbZDMR6kMVD8BsDrXd+IfDem+IhZPfRMbmwkM1peQSNFPbOflLJIuCMg7SOc1Hofhmw0Oe6ntUllu7kqbq8upmuJ5MLhQzsSQMdFGAOvBFJiNKl2Yyaft/zmkPPy98ZwePxqRkdJinY+YL/EegzyaQfMwRQSx7Ac/l1oAQrTdopeTwM59O+fTHrUayBgSGyv95eR+YpgOOBTGwaVs9ex6U2mAxhTGXNStzSYpgQKu4kUjKfWpWwOlQtmgBu2mbe1O5HNNOetAEbUm0U5hv5pNopAM25NRyY6Y5qT1pgUythRkk4HuaAGFeKiYbTx1rjo/itpl1572mkeJL2yikeP+0LTRppoH2sVLKUBJGQecVG/xg8MKcXFxqdi/wDdutHvI/8A2lxTtcDsG3M3ygnnAKg889uKzfDviK28RWLX9i8jW3nTQLKyhRLscoZFPJZHIIBzyPSvjT9pD9oLxK3jeGz8OazYDSbVJ5ra50sTJI8MqGErcq5GCucg44yD64+vPCdnc6L4P0KwmSyjntbKGB003P2dSEAxHn+EKO+M8nrTasBuySEZO5s98kj8eMc+9Ma4Y5ZZNxJPK5Xqc9B6/l7VSa6O8A+tNVmXLKOM9qQFluOhIOMbuvYDOPoPwzVCHSLWG/uL6KMQ3NwqrMF+5IVACsV/vBRtz3GPSp5JiO4qrcXThsoe360DLoZ9mS7bumc5Oe5qJtyjIZv++v09evP9Kq/aHUkt2GTUElwW2nfj5hxSHYp3ng/R55ruWaCSVrvcsrPcynKsymRFBYhFfGGVMAjGQahvfBujXurxatNZk38McaRyx3EsahUYsqlFcKVBwQpGMjnNaMkxZhk9PSjzHkUgkbcUATxsPWnNInI61VLeWoABz61WSYbgVPU4pgXi21hzin5V1z39hVVmb7QoP4U1bpuxI57HH61LYFfVvFGl+H5LVdRvorT7W4it/MDHzXPRVwDyfT2p9v4m06bW7jSoryOTU7YB5LTa29VOSGOR0O08+1cB8YPtMemeE5rWSKKa38SWDJNMm+NHLlOgIJGXBOCOlQ+GJr+H41a4mpy2dxdT+G7SRWs7ZoUZI7qZcHc7c5cfNu7imB0HjjR7m38VeFvFNpBLfxaSLqyvLaBd8vkzqn75F/iZWjXKjqM4yeK4/wAd+Gr3xY/jnWbHTr1rabws2h2UPkOs99M0jyDbGfmCqSBuIXkk8Yr0/WdTi0XRr7UZd8sFlBLcOIx87KiFmAzjsMDPerizJcWsE8TNsmRXRmOSMjOOc4/A0yjzhvD8lr4w+HWq29nrlwVFzHeSXjXE62wlgwMh8hMuAOOg716woxxWWkzJIQGxnOQMgHngfhUrXTbOPpQBqKV9cGm7uvFZ7XDR7RnJ65pn25+RmgZqErt4PNNJUDOaypJJo0Lq+T1xVhZn8sDOcjJoGTNcbXA9Tipiw2jHWqhzIvJ+lRRyOGIzxQFy+rBjimy/KuR0qK1bc5z+dQ6hOIoSXkER6bXIXkdRz36fnQFxftkbjGeaeq7+FbBPTHNZSttUAsuSSPT6/wCfaszxJrT+F/DGqaoH/f2dpJNEp/ikxiMfixUfjQFylb+IvE+vTahc6NZaG2kx3c1pbi+uZ0llEbFC+QjjBYHFOOq+NLWNhP4X0e6A5/0fWSg/J4BVjwrpL+H/AAzpWmCTe1pbrGxI+82AXb8WJb8a2m3Kqtu2nPLDAA9+QaBnA3V5qGseOtAstc0dNGtLUTanDGbqO4F1cofLDZXuoctjrkjkgV6Gu0Rjae3BP8WeSfzrifHkc1vpcOpWxZb7R5Vu4o85MsYXbNEB0YmJmHuQtdDp+rW7W8O+4iRnTeiySKrHrngnpweaBmj5hLEUm81nXOq2cagm9t1DcIwmUhiewwefwp0MhdeGJ7igC9uVjjp9aTKjvmqDK+4nJpCXXigC4zBu9QyYXqarFmA71G0rPwaALW9cZBzSNN2yKoSByvGRSLubOc9KALLTFW7/AIUVAzMuBjNFAHo8efWpJM7eOtO2jsBSshOKbMRvIQHFct8QfFGpeFYNDawhspDqGq2umSSXYY+UZm2hwB97GCcHHauwyNoB6d64P4zeH7vxF4f0aytdHl1uSPWrK7ntIwhBgilVpN25gpBTcMZ5zSEy1pOv3918X9U8Ord2kmkWukQ6gI7eICXe8jRmN33HhdisMAferr9S0G08RaW+m6jax39pMBuglXK7gchhzwwPRga4ex8K/wDCI/E7VPEEGjWui+FF0BbOe7j8mJBLFM87PsX5iAjYJ65XpXcTXKaj4dnubeQmC4sXkikwyna0ZZTyAQSOecH8aBCab4P0rTYrpYLLzGu1AmlupJLiWZQOA0sjMzLjOFJx378WrHwzpGl2q2tlpNha2iOZFt47ZFTcRgttxtyfofWuJ0n4g6R4F+D3gnWvEN2be1u7LTbYTHktNLGihuvKjLFiM4ANeiW91BeKXtp4rmMOY99u4lXcv3lyuRkf1oGh626LgIoVF6Koxxjjpx+lWFtlYgn0qPcFBJ6ActngdAMnoOSB+NWejYweDg4HpQMURqR0p4hX0pFIVtpPzf3RyTg84A5OPaqml69p+tXGpwWF5FeS6ZcfZL1YW3G3l2q2xsdDhgakRoBQF+WpFXgEfypqj25AyR14olnit4/MllSGLcE8yRgq7icKMnjJPA9aLCJF4qRfpTP8M5AyPzFO6Z9B1PpTAdxycVDfXkGnWs91dTJa2tujPNcSsFSNVGSxPYVMpwf/AK2a4P48aFqnib4QeJtN0ZHn1B4FZbeLl5lR0d4wB94lVYYHXIFMC/8A8LK0e3hs7u8j1DTtKvJFih1S8t/LtmZjiPdzvjDn7pdVBzXWt+7Zg3yupwVPY5xj9K8v+MOv6V4w+Cuq22lTxajNr9itnpdnE2ZJZXZcRiPqNjAk8DaFOa6ifxJc+G1tdJm0DxFrV5a2sEct5p9kskTuIgGwWdec5yfU0CMz46aodJ+FevyG2muIJYfszSQkb497hFbBIzhmB69qh8I6+t18UvE1lfWl1pevTabZTGxn8p1eGMyIJY5YyQwJkIIwpG0VV+PE51L4H6+5tbqC5ureFobOSPFyGEysE2gn5xt7Z7da6PT/AA1ZaXdal4ksYrvXddvbVUaa8uFEsqISywKSFWMbm/PrUsZ0/wCBx37Y/OuSj8Y3OueIdX0jQLSzuRo8kcOoX19K8cCzsm8QoqqxLKCu4nAG4YzV7RdY1/Ub4R6l4WbSLRkJN02qQT/MOi7Eya5Tw5pd18O/GPjOS4sr280XxBfrrFteWdu1wYpGjCSwSqgLKQyhgcEYJyRigAvPjRZWeh6o9zYuviPT9Tj0WbQxOCz30hHkhHI/1cincG/ug8Z4PRNL4ptbzS4ru20m/tZ5/JvTaCUG2Uq2CNxKuocAFsKec4ry/WvhDrviC48Q+LbeGO01+fX7LWtN0u7YR74rRNoSZuQjSgtwSQpI5649T0/xDqWrzQJ/wjOo2MqlftC6oqRooAwQjK53sw+UYyvOSRTsBmfF/wAWal4I+Ht94g0xLWWS3lhLJfRlo5FeRIzjay4Yb849Ac1U8XeKtV0bxb4I02zvNNnttYvZLO6eSEu6bIWk3x4k+UNsK7SDjIPNeW6hJ4j+JPwzv9GOlprOv+LdHGp/bIrofIy3SZgmWTasaplVAXglX+Xjnv8AxZ4KlvNd8B6xofha1sJNP1U31+YRbQusTQvEyZVhvYF84zg880AemhG2hiM7hkMvRh6jtj/Gm7a878O6etj8VtQu4ruw1w6lHcPJcR/8fOmlPLHkttcoyEbQCVU5Toa9G7ZoAhxtNOOCuKR+opuTSuIZIMVEw3e1THGOahf2pgMb7tR8Zx3PHQ+/+HTrTmbbk4B74PSvDtN8ZS2umfE3TdT8Q63cX+m6leWenzlZHeGJIleHbIsZXOXwc9uM0yj21mA78d8cj8x17dPWjPYjB9Py4/X9DXg8njDWLLwL8ONe1ibXb7w5c6OtxrN9pcjm6ivJEjZJ5vLwxhA835QCoLDIYV6h8Pb6O88H6bcRa0viW0k8xoNWDh/tERkcxkkAZdVwp9CKBHRydeDiua+IWvzeHfB+o3dmgbU3jFrYIf47mYiOID/gbr+Ga6ORsqSPSuK8QMda+Ivh3RQCY9Ljm125TaRlwTHag5HctI+O3lZoA6Dw/oMPhXQdN0a2O6LTrWO1Dd2KAAtn3JLH8aviSTkCRueMbj/LpTWIX5RkAdj/ADprSKOOtIDhvivo8V5oMmvLZQ32paM6aipdFLzwxhlngYkAurQtKNp4yRwcV1lvLbXVvFLBIHtJUWWB+xjIJVgABjKnv2xWL8QNUv8AT/BOvajpFxbxahY2kl0gurcTRP5aMTG6kjIYAjPbNcR4P8YyN4J0Wx0sjQdV0jUbXRtV0m6UTyWyvIEBBJyVJZSjc5GBjgimB6g1mjZYqRjv2H49O4/Ok+yrsIU5HXI5BHOD9Dg15lZ/EK7t5viDY6j4j0uxv9Fu5LfTmlhhicoLdJULIT85ZmKnHPAxXXfDXXrvxT8PfDmt6jMk95qWnw3krRIFUO4DFQoyAAWNAGw1mGfJPFL/AGemM9qshlye1ReYGY4bigCKSzjbdheCKgbT4t2ccCrLXQUe2cU3zFbODUsdymbGLcSBzS/ZQKlMihjzSlxyPagLkRhGKoT6eokjZXI2nJFaDOFXoajPzYPWi4yFod65/iqP7JGrllGKnc7fpWJeeNvD9hdTWt1rNla3MRCyRTTBSjHGFPYHBB/+vRuBb1Hw3purRImoafa6jEpykd1CkiofUBgefftVfUvC9lcJcXFpaWljrLQNFDqS2iPLCxUgMM8kDgbc8859KS38b6HJ/aCprFlI2nrvu1WdSbcer88dvwIq9p+tWOuWUV7p93Df2kvMU9u+5JB2Kn0OP1qgMPWtkemahonk3d+39izO95JHiNxsaJQxz95yWYKM429emdHwW633gvw/PnJn022kXggHMSnI/CuX+K3i7WNP0e80nwpYf2t4kktpLh40KqltbAENL8+VDsoIjDAgnthTXgv7LnxI8e+JJLnRdDNreaHpkZkWPWpspBCzYhhSRF83PUb23rgDjFO1xn10tqh4Ch2PuM1l32s6bp2uaZos9wI9S1JJpbSEqf3ixBS/OMDAYcHHQ+lY0fxGh0siDxTp9x4WkJ2i6usTWEh/2bhcoPo5U+1eLfFz9m6f4hfEebxLoclkNLdbeaWCS5kP22TzGM2x0/1Q2Acg8kn1qQPpOOFJF3Hnjg//AFutZviLXtJ8MzaRDqE6W8mqXq2FruIw8pVmA9h8pGT6j1q/ZmDS7WKBE8qK3jREAJbaoAABPOCBnnJrwv8AaA/Z5ufi54js9S0a4tNLuktJUubqVpP38i7VgQKCQuBu+cc9OOKYz36OBHjG7btI6g5GMeo6/h6VFshRGbKoABuZnAVcnABOcDP15rjtM1iw8B+H9F8Nadp7XesxWcKxaHp8hkZcggtJI3CR7iSHfGegB6VOvgqbxI63HjKaPV9vzR6PGCNOtmP+zw08mP434H8IHWgZ2HkqqgEEFugIwT+HUfjTWhj6H5fXNcjJo+seC9zaH5ut6Mv39FuJS9xAOubaVjl1H/POQ+wYVr6D4rsPE8LyadL5kkD+VcQMjLNbyf8APOSMgMj+xHv0oA2fIESt8vIGSDzXmHxU8O6jc+ILfVbLSLXxhbW+nvaXfh+6IFwIjI5M9qGztfJAIOCQBg5rotY8fxx6hLpGi2v9vaxE22WKF9tvaf8AXxLyFb/Y5b/Zq3qHhez8SLaXWprKmpwQeUZtPu5YNgYhnQFSCVJz15x6UilY+f779qzSPC2reFtOsND1mXQ5LUpOt1AqXE6lQsDQDeN/zBt3bPrXZ+MPip4b1rRtFSQ6hZWUt/b3OoNeabcRCCFP3u1yUxzKkacE9T25rrda+CngfXHha60KF2gtI7K3ZXZfs0aPvUxYPyMGJ+Ycn1FdncSLNHLFPtuIZV2SQzDfG4OMhh1IOO5pisMRY3QOpVlkwwf1BGRinNHtU8DGO9cbLb3vw5VptNW41Xw0pPmaeCXurBeuYjyZIu/lnBXsW6V00PiLTrrRV1ZL63fSjH5v2wuPJ2D7xLdMDnPpigZyXxQ8J2fiDwtPDcFkdbm2MVxGFEsDGeMGRGI4IHv2rldDuJ7vx1p3hfxPaQS+IIbG8ga8aH5L+2byvLuF9CSCrJj5SSeQc139hqGn/ETRblZtPvP7JkcBTdA25ugCMSKPvBcjjIBPXFbNxpNpcT208kAkmtVZYJWdvMjVgFYK+cjKgZ9do9aBngOkR3s3ww+F082n6elhZ6rY7ZFmLTfeaI5TygOWw33jivfo41EYOODzlhjHtXPy+BfD1rpMGkJo0KaXHMLmO1EkhSOQY5GWyTnJz69q3k2wwgABRt2gL0AHbkmgByqvORSNGnpVc3G3ODnFMN2/XAoAnMS4PFR7FH8Ip0bs65NDUDI2ReeKiWFQfaiaYK4Geppd1ADfLA7UUu72ooEeiUnXNFC+vX2FUYkscZIz1qZscjPGS2O3T+dcnqnxG8PaPNdR3N7MVtZlt7ie3tpJYYZSQAjyqpRTlgOTwTziq9x8VtKg0PxRqqafqk0Hhl5I9QRoVicNGoeQKHcbtqspOP7wpAdnNax3EckMkcUsci7XWSIMGX39R6jvWT4haLSxqHiDU9Ve10m00543tnx5MbNy0rY5diNiqAOCSBknFX9HvX1fTbO78iWzNxCk4hkIZ0DqGAYgkZ5HQnr6c1zOnsPiJr8d8dsnhTR7gm0Vc7dRvEYgze8MTcL/AHn+bGACUFj5Z+InwztfiJZfD3TbsN4A8Q2ejrY6ne+JhNDFI8UUYgCBv3bM+X5XGAT9K+tfg34JTwH8L/DmhpZWdpJb2qi5/s9zLDLMeXkDH7xc85x+FdRc28N9Zva3MMd1bSDDwXESyRsD1BUjB79RznFcn/wqXRbSZ5vDtzqXgyZzuP8AYV00cLMepaB90RHsEFAtjx39s7VPG8Oi6Ho3h+WG40jXpREbCwtHl1IzRES70ZSQY+IwcLnnFesfs++IPEfiz4W6Vr3inUo9T1TUC0uFs1thZ4Yp5BGM7soTzg/OfSjW9b8a/D/S73WtQi0nxfpmnwy3E09uh07UI4sBnOzmNvlU9CmcDIrSg8Y+Lb2OOaL4dXaiVd0bXGsWUZ2EZHAYkA56fpTQrnS+K9Jm1rwvqthDqeo6RNJA3lXuknFzEV+ZTHwTknqo6+tfK37NPwX+I3h/4nWmteMINdstMv0m1Jlt787JLtSCovEBzkhmIB68Cvo1fEnjk42+AbZT283xFCP0WM1labd+J/iFrOs6NfhPB+n6Q8MN5b6Td/aLq8MkQlVRcFB5UYXg7VLE5AI60bAdHqnjoLqUui+HrVdf1+MhZYoZSttZf7VzMv3D32jL/wCzUUfw2ttYk+3eM5Y/FeoFSqw3EOLG0UjBWCDJAOOsjbnPqK6XQtDsPDelxaZpNnDp+nQjEcEKAKO5b1JJ6kkn3PStAL60gOGXwvr3glfM8L3J1nSU6+HtWmYvHntbXJywHoj5X3Uc1s+FfHGl+KLiSyiMlhrEAzPpF8vk3UXqShPzr6OpINdAR1J5Pqa5nxxpOi+Jo/7Nv1R9YS1mvNPZWZLmApgb4pFwy4LKeG575HFAFrxF400/w3cQ2Lx3GpazcLvttJ0+PzbmQdmK9FT/AG3IUYOTVzw/NrVxayy61bWun3EjZhsbV2la3i/hWSQ4DNnn5QuPU1g/CXSbGz8AaFewRK13qmn293e3khMktzK6BmaR2yzHcc8njGAB1rssDpgD2HSgCCGwtba6lu4bS2ivJSWkuEgQSNnqC2MnnPJ7cd6mPyoFUfIP4SePr9aftpfLLcKcHseuKAFjkMLnazDtkfJkdQeO5H44/KsvS9dtdc+3/ZfMH2G8ksZhJtXEqbWbByc/eHJ+nXisH4jeLLnw7N4c0rTikWp+INRWxtp5F81LdNpkkfaeGZUB2g9yKwPEV5N8JNb8Pz295PqOjeIdaTTtRhvFRpVuJVIS6VkVf+eYVlIwfrSEellvlLdeMjOM4zjkDqM8UfLwOdwbAb37n647Ajjoa86+HupXnxQ0q78R32p6hZW0uoXVvp1lp10YRBFE5jVm2/6yViCSWyOQAprqtPmPhbQbGLWdY+3XQkeGO7kBaW5JdvL+VRl22AA7R2P1oA2lj3FQNzM2SFzzkenf8/zpskbL2ZfTkr1GTjuPz/CvIvBWtfZPFXxJ0e+bxFqkcGqrbWyWwu7n7PbtAkixh1JETZYnB2nkYqx8GPFcVh8EfD+sazdXk00+9JZJBNdTSyedKoUJh3JCr/CDjaScDmmB6XHp9pbS3EltbQwSTyF5XjjCtKcn5mIGSTkk5PXPXOKlwVfcGIJP3ucgY4AP1pLeZbq3hnj3GKVBIu5SrbSARlTyDg9CAR3xUp57UhleOGKIy+XEkTStl2RQpc5ByxGNxz3NMkkAwKsMh9KrSQ/MpHXvUgMkl2sKhecc4zmppIi2MVGbchs8YoAhExWM55qKS6IqbyeoPSoWtfm5PFUhEbXDbgAcE964TQfB2q6SfG7fb7F/+EjvZrxEWF1Fs0kQiZTz8wwqntXfSWvyg55zUS2QG47uc5FMDzvwv4D8ReDNB8M6dZeILKRdEsG08x3FpIYbuPKbCwEgKsuw4OT16Umg/CpdA0ZbaPxFq+nTTXNxeXH9hypZwySTSF2AjKOQo4AAYdzXo0kAdhuPH0qOS3XcG6noB2pAcP8A8IHIHXf4w8YEHp/xNlH8oq5+30O58F+JtQuPDery+I9TltLeXVdF1q5V7qWENIIpYpvlxyZAFcmM9mXrXpssG/dGzOiMpQujbWXIxlT2I9a+Q9L+BPxDt/jc2qTXfiQ+GpNVbTZdXS9C372aAshcEk+USFG7bjGeB1oQH0/oHi+w8VWcr2jyRz258u5sJ4mjuLSQfejljIyp+vB7E1fe7+YKq5J4HIBz6c9Px4rN8S+B7bxBfpqVtcyaP4ihQxQatagb9nB8uVWOJoyQMo/TkgisH7d41uZF0qPw9b2uqEfPrUkofTBF0WZI8+azE9IWAIPVttMDa8WWV1q3hzVrG1iSeXULGe2iWVykZ3oUDE46c+mcDOK5HxL8OJ9a1jwz4ijlXTNe0+W0W/jSUPDfW0ciSNHIcZYqyBkYjI5XgMSO38M+EYvDdvcb7681bULpg91f3sm5pmHAwuAqKB0VRgfXmtf7GmWYg7iMcEYoA840Dw1q9nrnxAvbqy0+aHW5Emsg8zM2Vt1h2uDHhQdgOQTyTWx8MfDupeEfhr4f0PUjC15pdolqZLaUyK6oMKclV5I68dq6j7GsIITJJP3mOf0qYR7VxgH9KBlDzHzyMZpBmPPzdatNaozbiDnr1pvkr5hHXkgY55HUY9qAKW4shBPQ56U1mIB+birTRqCR0HvxTTah19jxwc/ypAZbSbtxBoWZgw3H6VoyWiDChRtxUbWcZZSVHHTmkMgumZo1x3qo0zbfl6A4rUkjDLioGt0xwKA2M7zJVyyuA38O7OAe2a8y+Ea2epfBuPT9V2SOrXcWuxzMFZbkTP5xlIx82ckHtkYPFetfZ1yex7VkXvgXQL/VG1KbRrOS+ZgTM0Y3tjoWOPmIJ6kZpjPN9Kg1Sbxz8S7WylsmgvPsk7teJJg+ZZ7MgjsQvOT19areCfGmq6H8LvAAtbO0vTeWVpYxre3xgJlZSqhU2twCNzcgge/Fesjwfoq3l5erpVp9tvE2XNwI9sk6+jsMZ9vSsvUPh7YTWdtptlHa6boqMry6fbWaIHZJRKjIRjyzkc4B46etMCLw54XGladdxX0i6nqGpsZNUvJFwLiVlwygdo1X5UX+Ec8nObul+EdG0G4E+m6VZWM3kLaB7WERnyVOVQ4POOfzroTaokZx3wPcgDiiO19+KTAptukZkduCpUgjgj0wMZFeb+K/CVrot1pVxoM134XuL/Ure0ujpEixxSRyZyBCVMQYEA7guT3zXrDQqvIUE4rk/iSqix0KULhY/EGnkkehnVR/6FSQGR/wh2rybkTx74gABztlhs3/ADPkisrxtpfiXw/4Zn1KPx3qEyxNArJJYWgYo8qxsQwjBDBWOD2Nerw2qY+4PTOOvNcZ8WtU0228L3OjySLHqOqx+Tp6yIVjlmBDIgkI2BiV4BIJ4qxmt4Z8N6d4dja00+HyUd2eaaQmSa4c9Xkc8sevXjtituYKihVJDDv1x9Khh1qzk16bR/3kepRRCd4mhdQFzjO4jaeeOD14q80I37tpz3GKBmVcbZIwHUED+FuR+tec/Fex0rUo7q48ya11qy+xm5urSV4Jns5rlY2jZ0I3KV3gdduMivWWhTglRivJ/ixYBdQ18IcPeeFJ5I1Zs7XtZi4wP+236ikM7PSdHstF09LLT7WG0tYzhYLZPLjB6E47k9yck9z2q95bKFAJK9SKuWLJc28coGBIiyLxj5SO9WPKX0oGjImVlXPamr78n0rTkUZ5FNZRu4Ht0pFGeylWR0yrr0YEg/nXJ3Xw70O81yTUJbJiXkE8lqJCtrLMOkzwj5Gk/wBog/Su48oBuaYyqe3SmBVtwzMzMSzbsj8sZ7844+npVnaWyOlOjxu4xT5GK596AM2+jZnUc4FVpLd9h+bjFaLtv6/SmPjbjqaAMPDBip61baM+Sp2n3qw1ujSB+lPOGG0HigCOHG0cUrYpw29BTGADdDQBBLbiQg4GRzQV4qXPWkyOtAEfk/SilJOeKKAO/wCq0K0iCR4tvmKpKbum7HGfbNKBxTuV+6dp9cZqjE8z+CupWB+Buivqcsb+XFJBqa3DF3a7MrCVHByzSFm+71JYEDgVx+o2h1HQ/juieIprS2S+u9+nwfZyJWeyhwWLozguQFwpBOMDmvaI/B+gx60+spotiurSP5jX3kqZS2Nu4sRktj+LINbFnaW1tk29tDa7uvkxInOScnaozn9OuTSYHk95Neav4f8Ah5BHrmp2Wkatb22lXv2GKMRputcFXLAyJI0m1QynChW9s+w6fZ22n2VvaWdulpa28Yhghj+5GijG0D09PT8apS6DZ3WqQ6jP9onuYVCxxyXMhgQqSVYQ52bvmPzYyM1qrjikA9VqRV9P5Z/SmrT17UCZyvxWAHws8YnGMaLdZAPH+pfn2rqtNiWKxsxn/l3jyVHX5B1HNcx8Wl2fCvxkCOTo92o/3vJfiuqsfmtbPb83+jxnI6fcXmmhFhl2qxX5gPfA/WuR8Jrt+JHxCVckGXTXAOFPNsy+3XFdbJZxanGbZ2k8qf5SYZijgHg4ZeVPuORXzz4D8Vah4f0ltC8dXH2u18TQ3A0fxNM53ytGZFFncSk5LqR+7YnLDjihgfSKArjjj1/P/CpBzXFeG/EGkeGPAHhaTU9TstHhn0u1kD6hdLD5h8lCxBkPPXP405vjF4Eh6+MdGf8A643Sy/8AoOaQHZlT6VyesxrH8WPAkzjCXEGpWRHUEGOGQDP/AGzJ/Oqv/C6vBzcwatNeHOB9l066mz/3zEaq3Xj/AMNapqGlX5sPEt1Ppcz3Fs1toV6RuaNojkeV02uaAL/wXUr8KPDUROTb2zWx9vLlaPH5qfwFdtGPWvPvgrqkVx4Z1GxKTWVzZ6teNJYXkTQ3EEUtxJPCWRhkApICCODggfdOPQW4yOmOTmgB9HPuPeollVeSwxnGc5pGuQzYzj2PFIDm/H3gmTxla6RPZ3a6frOi3yalp1y6F0SVcqY3AILIyHaT1HaqWreE9R8Y6nocuuwWVlp+j3aajHY2k73BuLpAwiLFo0CpHuLAYYscEkYrsllDKCpBB4HIp4YbTnk9Oev4UCOD8OeB9W8C3Wo23h++sJvD95dSXkenapHJvs3kO6RI2QgOhbJCsBj1rF8ceHfEA8RQ6lbXmp3VxFolxDp99Zwh1XUGl3ESR7SBHIPLUZxtVXBODmvVDnop+meaRgNx+X5TxuOPfvjIHOBzTA4zwZ4I1PwvrHiXVrvV7W5utcniupYYrMiO2uEhWPKkyEspVRkcc8AjrWBb/Cuz8O+BdP8ADFzb6h4nitrmaSyutPRbWeylbe/mB/NBXDOQG54JBBr1HcqAkYI6DDYHH86Yy7lYD94Onygtn8vSgClokF5b6Lp8Wo3C3epR20Qup1GBLNtAkYfVsn8auZAozzwRxwMdAO/Hb0pPvdPrUsBGYnIpm31pzU3BpDG7RTGAqSo2NMRGyZ4AyewFc1qPxA8KaXdTW134o0W1uYm2vDNqESOp91LZrpXbb7GqjWNmzuxs7cs7FixgQk8dzjJpgctJ8VfBKqc+L9D49NQiP8mqu3xi8BovPi/R/Ti6U/yrrxZwR5K28Cn/AGYlH9KjkmMaYHy8/wAPFMZxp+MngZiQniiwkP8A0zLt/Jajb4x+DOg16Nz6x287fySuya8mjACsw9803+0LgN/rX/76NIDix8ZPCDNxqs8nPSPTbts/lFUbfF7wrhgt3qUh9F0a9OTxxjyfriuza+n2kiVzz03t/jSG5lWP77ZbrzxRYRxn/C2vD2RtTXHb0XQb3P8A6JpG+K2jfw6d4mfnoPDt7/Pyv8+tdXNcOG+QmoDcyMRkdffFAHMr8VdPkbamieKmGO3h+6H80FJ/wsyFlJXwx4uceo0Gb+orpY5G8sk9c9+ae1y3AB49uP6UwOU/4WQrKSPCXi5h/wBgZh/Nqb/wsdjjHgzxew9f7KA/m4rp/tRYAE/MTxuJNMknlxnC/XHNAHNSfEOdlOzwX4qfjp9ihX8yZhiuT+IvjbWr7wRrcen+H/FugXy2zXEeqRLaILdo/m3ODMcoSMN3x616e8jSKOme+e9Y/iXQ7TxZol5peqwfa7G6G2eLeyCQbt2CQc4zxx2oGfG/gP8AbJ8fQ6jFYX2l2vi4vgKlvbPBeMB6eUME+5T8a+v/AAX4qvPE+hQahqGg6h4ZuZAd2n6iUMo4zu+Unj64PtT9D8J6P4PsWt/D2lWOi22D+6srdYd47biuGJ9ck1a84+WwY7ty8g85b19f1oA0hMjqTuqNp03Y3c1Tjk2rjPalOTIppAWWkCjceBUKzIyjB61BNubJJ4qnIXiVCG4zS2A1QR1p/fFYkd1IJlUtnd6Vd8xlOd1MaNHhaa0gVdx6VR8xmYZf3pwl6gnNMZcWQS0SSKq8VSZirZBxxR5jNx3xSAuxyeYcDr7nFcL8XPEFpp2j2lsfOkma7tdRCQQPIywQXkDTSEKOiq31ODjNdLPqdtZxiW5uIYIiOGmkVFYnsCTg8c8V5f4psrzXNW1KGdHtrrxFeDQbRZd26PTYA73Mo6cSFpMHocx0AdrH8XtAmhjeFdauI5FUo0Wh3pzkZB/1XcenrVDx+dF8eeFdCgvVmi0q/wBWhjKXkT20oJSZFYCTBDDIIOODiupt4SihY8RInypGpIVFxgKB6AUTWaXDBXiimVScK6DHTH8qYzhfBGpeJNM8ZXuiazDJqFxp2jYtdSL7V1SL7QTESTwkmGKvkfe+boTjp38UeLJjlPArKAcDdrMCkj8Aa3YrfF1uLEnDHcerH1PpkdamvCvl9MleQeRj9aCjmZPE3jDGB4Kt0HfzNdiH8ozWNqdx4r1+G4jl8GaSkr281os8uuKzIsqhW48rkHAPX+EV1zOWBILcc96eilmIIODyOelAGP8ADzWjdeHLSyvFeLVdKhjs9QtZPmeOZUHPHVG+8rDhhz2OOp+0JtJ5xgnpmuQ1/QpZtUs9Y06ZbLU7UrFI7KWjubXd80MgHXAyyt1VuAMMaqXHia91bxhd+HtIjtkfTII5b27vlaQLJLuaJERSMHYpJYnjIxmgZ189wd2OOMHGQT29OnXvUDXwySMkAZJUZ49a4GPxhrNzqum+HjbWuma5LbT31zNJ5ktvFAkvlI6KSpcuSpGSCBnpisvUPilPptxe6HcWFv8A8JRDf2unW0a7jbMLgForgn7wUKr5AOcoQOMGgLnqM18NmYjubAJzwRn2pPtCY3bucZIrhT4iv9D8VaboWsG3uY9Ut5JbK+t4miAki2mSJ1Zn5+bghugJ4rrIlZW3tmMf3sdPegLl+GbcC23aM459fT3/AApbhyY8qynI+Ug8H8a8aX4keI9P157CW7sLp18QNoJsY7Yx3KRlcrOp3nO3q2QAR3qbT/inq8mna/pmpvHp3iG1iurmxvBCvlX8UTsGcIflEgKFWXnjnkUBc9R+07oNwYZz/n6de9Sq2Ysg5OMn2Hr/AErxjxF46v8Awz4g8SWVz4pTToLPTbe/s/NsomM7MrhlYBMn5o1Ax616h4W1G51zwnpOp3MS2t1eWkU8kKNlVdkywU+mcfjkUDLzXA5GDkVAt08kZGMc9qkaMjBYZPtTPJO1to57UDJbGV5C25gVFWGfsKqWytbqVA+8eatL05oAqXE3k5yDikjkDqCDVmSFW6jNReUqtwMfSgBKKX8KKAPQVpaBQAKsxJVXKip1XpioIzzVhW6VAD1FSr2qNWqRTQBItSKwXGePwqLPf+uKxtT8ZWOm6lPpohv9Uv7eMTXFrplsZnt0YEqZMkBdwBwM7j2HIpiZzvxLvTrk134S+3DStMk0S7vNd1AoJfs9oY3jjUAnALOC/JH+oIqHwToPjjxJ4V0e/wBX8b3WmTXVsk5s7PR7VWgDL8iFnDchAM+/rVOHw2fHWlvdWF7FrOmeLNWFxqmoQnYqadb5MVpsOGySgRhjgtKT159cAGchQv8Ad2/X/I+lGwjG8N+HdR0KS4lufE+qa/LIo2JqawiKJh0IWKNOPxrLh+FthqXw4m8G+IjBrOmy+ZuZYDERucurAb2w6FjhvpmuyWnrkdOlIChpPh2z03RdI054or5dOtY7aOa5hUsdiKhfGMAsEUnHTHFaaqsA/dKkQ9I12/yoVqVjmgB32h9ww7AVIJHbkux/E/0IqtU8dIDm/FHhWe8vrbX9EeOy8TWS7Elf5Yr2E/et7jA5U9m5KkAgdQbWoeL7XQvCceua3BcaSCke+ykAecTsdohUKTly2FAB5JFbn+sOO54rzb446bfTaX4U1izt5ru10PxBa6nfW9uC8ht13KXCjlim7djrxkZOBQB0c/iq5tdS0u1vPD2o2MeoXH2aO4Z4ZI4pNrMBLsclcheOOpArLtfiBda5plzq/hzQpdZ0eGSWJJvtYhkvPLJDmCMj5hlWA3FdxU445rYs/FugeJFW20fVrfVmvEZP+Je6zGGMgjzHx9xVJOC2DkYGTXGfCPVj8N/h7pfhvxFHc22u6Islp5KwPJJfKjlo3gwv7wMMYKngAg4zmkwN1fihpmqWfhw6CV1i98RK72MMj+UgSNcyvMQCVEZyDgEkjABq5Y+MLiz8YWnhzXrW3tL3UbeS5sLiymaSG4MZHmRfMqlXUENgAgg9a8v8F/DXXvh3/wAIR4jl0+W5kthqA1bS7fEs1tDeSmRGRer+U20Mq8jJwGrtr3TZPG3xG8HavbwXVto3hxbm6e5vLaSBpppo1ijiVJArEAbmY4HIXr2Wwj0ZinXK/iw+veuD8Y+I/EGm+P8Awl4f0qXTYbfXorkme8tJJngMEaydFlQMp3Ac471pSR+OheP9nuvDUFmHJTdHdPIUzgZwygHbn15rC+InhO78T+OPAt0NCOsaRpkt4dQD+UUjWWIIvyuwLHIzjBwOmTxVAcqvxj8XX/hW113S9Is7y9s9em0O/wBJtgT9u8lZWkltpiykZVThSCCRjJrs7bxhF41uvB974e1orousrcB1W3iaTMUZfaSynY6sCGU+laPiXQpbe28OQaLpWLbTdRhujBZPFbpFEokDBV4Gf3hIAGcjrWAvwpOi/Faw8U6Nci0sJnuJNT0fpC900LKLmNRwrMWwwyAfvZzxTA8/vPi9qui+CfFOo3vja1bxDo2s3mn2OjzW9uBeLHMEhiEYHmAycjeDgHnFe/200txbQSTR+TM8aSSwgg+W5QEqCPTP6GvJLH4c+JoPDPjfQJdM0GW28R6lfXsct1fO4hW4x99FhG9lwSMMME9e9ej+E9DHhXwvo2h/a5L46bZQ2hupvvylFwXPpn05+tSwNdjzSNhaaXB5/Co2lHrSAlxTWFNWQMMA01mpgNkU81Htp7NUbOFHrTGDVTuF3KfXrU5kqJn+YGmBCUZlFRtCwJOKs7vmzSNhu9AFAQlCT2JpskZY4zxV1wuKhdMc0CK62vPWmNZjKknpVjcO5pGkBwM0gIPsozw3FI1uMjmnhvvenakDcZPSgZCbJQFPUg5pGgG3nNTeYOvakaYMuAaAK/2de9VmhLNt7A1cY7etMZvpQBDJboYyPaqTWaYJHHarxk6gdaj2hjnsKWwFZbJfL6809bVBg5JxUjHb9Kj84etFxjJrddpqt9lDL9DmrCNuY5ORTJbiOMhc8sOKQ7FdbAIVf+IUohDPyOlSm4zgULIGXcKpASeWg5205YUbsM1F5+doPTrU0MytyKYDWt1Zvan/AGeIjDj5MYPOP17UiyAyFcEVMvqMcc0AeZaXbxal8aPGVprMMN01jY6f9gjuIgRHBIrGVkQ8HdKCp4z8oHeo/hT+5XxPpboslloevXNhp0xUN5cBWOQRo5BJCEmPgnsP4a7fXPDthrFxbXUwuIb+1Ro4L6zuJLeZUbAZN0bAlSAeCTg9MZpmj6HaaLaLZafb/Z7SMsVjUlidx3MWZiWJLckknOKANi3WJlAAFWFgQEEAVStiI2JP0q6kmRnNBSI5LXMyuGOB7U5rVeuPrSyTbVJzT1l8yMEnrQMge3TBwMcelRFUiGTwanaVCxG4Z+tUruRWHXkUAPRlm+XOMHIx1rir3w7qnh3x1e+ItFsl1az1W2hivtPE6RTRzQgrHJGzEAjaxypIwQOtdXvCYxjJqVLhWiILZYd+D/MUAcTrHhnWH8R6V4pt4rZdSt7eWwn0vztvmWrsHXbKRgyqwz2B3MMjGawdU+Fd34q1LU/EN3LDpmvST2VxpsIbz4rUWisEWQjG4MXk3HsGGM4r1ESpsKg8dgMcfnTFkEantjp0FAHIv4Z1HX/F2h6xq1ra6XHosc7W1rDcGdpp5gEaTJUBUEeQF5Jz2rS0/wAPanZ6kLifxVqF/AN2bSa1t0jbPTJVA3HbJNap1BVYptPPcdPyxUX2wu3B+UUAcz4a8J3Gh+JfFOp3MenlNTvRd27QktKi+WiMjFk4+4Dwf4jWLrXwvPinwrqGkazPFHLJd3F1ZX1mzGS2aRmbcOF/vFWUHDKa79m8xhjv1pZUbjBIHSgDi28G6zD4pudbsb/TD9o0uLTJIb2GRw2xnYuQCM8uflOQQBmtjwL4Ri8CeEtO0OO6a7Fqjgzldm9mcuflycDJwFzxWttYsSCQB70iznI3NwDQMsFQQMimMv4VHJcAcg1UaYtJgsce1Ay7tHrmlbGBiqEb7pPvE+1W8/KKBiZJpjMFanMxVWYcnFVYrgyKQy4bNAE3mUU3bRQB6JgUtJgUuM1fQwJkxUqioUqVc1mFx4I5GalVuMVULBTUsMlMLlqNvQZPpXm/wnvE0nxR8T7DU7qOz1H/AISF9SElxJs8yykiQQyAlhlFVCpzwpHbNeg79uWHPsagu9K0zV/Ia/02z1BoP9U15bJNs9wGBwfxxnB7YoEcd8CdPnt9F8UX22RdL1bxLqGp6bHJwPs7yABxwOGYMw+vTFenqelU1uFGBzjoBxwMADpxxyOg4NS/aUXHrQBcXing1T+1c0NeEA4FAF4EDOTTgQec1ThkMy7mzU0bBSc9KQFjA60ucdORULPuXipo/lUd6AHgblzmkz5bAg7G6BlyMDsKhUkFsHrSNJmNj6ClsBOSMk8Dc24kAEk++eGPuRSpcNHhV+QYAIUnBwODxj/PpVBmfauOc1KzHZuz0HJpAW/M3+uc56+2PT9fxOaFZSxJCnnPQjH6/wCfSqMc3zYzzTVkZlLDgbsUCLTyZzweDwM07cCMZ7cZAJH+NUGZmVgxP1FSL8rKpOeOtMCxuHOcY9Dgj+XFQ3CFsbfu4xjH65prL5jDOcUkbbkdcYx05ouMVnHIxgY46VGZOxwB608L8pzVfaGYqQQO1IQ6RjuAB+XFMYqsgOeMU/b7cYqJo92ODQBFFI3zduafNNtj4PNNZCvfIySOQM4OO9Qyxs5A6d6AJBcErg96a0nYc0ixtkDFMKtvDEFR2461SAd5i8diajeYD1p8o44UH61FJEZFAHJzzgHt3oABIGpnnbck8imOrKcHgU2PLL+PbkfmKVxXF+1Fs8YpklwemOakaEsoI4J6Z4B/H19utJJCMZOMgc0XKK5kZuSBTWY98YqdoxGuGKrg8liAP1qGSF/MZQOeOMc8jNVYRX84crTPOdtyEEAjirC2427ieCM546dj7Zz3pzW4OeeMY4qdhlFpWXauc56UiSOp6VPJp4yh3HI6ULFt+VgwcjIQ8E0wKktw+45/Ci3dmJ3dDVj7Km4kvuHTrnFQ+T5MhJ3KOvzAj86BDTlXI6UyNjzzzmpxCG+ckn2bj+dQm3XeOiNu6M2OfTPQ9D09KAEuJCqjPeqf38nNXboAx/OdhU4O4gYOM4/LmqskYVcAgMDzz054/wAikMrTSPCqlTnnFQxMJlQtwxzVyPyDMI/MRp9u4wbh5g5xnbnOOOvTtnPFSvZoMYA9VIPX6Uh3KX3WwDzUMeY9vzc81Lc3lna3trbzXUMNzdZFvBLKqyTEDJ2qTk4GT9BUdncWmqbmtLiK6WKZrdzC4bEina6HnhlYYKnkHtTAcrHaNxyR6U+KTbxz1qna+KNDvI7SS21Szube6u2sbeaGUOss6gkxqR1YBWyO2K2I40YggDnnoenHP60wuQsTnOTinxyerHFM1S+s9I0+a7v7iOytYly8052qPz6n2GTUXh3VdK8T6bFfaTew6haS5CTW7bhkcEH0IIIx14pjJcmSTG447VYt/lJ+bNZ+pa9pmitdi6lliNrafbpcW8jYh3EbhhTk8E7R82O1ULXxpo817osKT3GNYjSWxma1kEMwaJpQPM27Q2xSdpOaQG11c89+akULg4qZUVvl2gscHgg9f89enHWsvxR4i0/wbosmq36zi1jMYPkxF2AdwgYjsuWGSeBTKRdZvMAXNSx3SwrtIrG1rxhY6Lqf9nm0v7+8WKOadLG38z7LHI5RHk5BAJVumSApJFa7WpZjlWH4UwKkziS4EkYyCOm2mJmTIx830qfUppdNtxLDp9zfTeZHH5MAG8KzBS+GI+VeST2APWs3RvFFvrGr67psVvcQTaLcR28rTBR5nmRiRWXBOVKkYzg+1ArlxgVKnZgmoo1YMcLg9Tnim694lh0i8srGK2l1DUr7cbezgA3FU++7EkBUXK5Yn+IYyc1emmEVpJLJEztHE8piU85VS2ASPQdcUDKojPLYwe+QeOv+FMw5YZGD1xkZ4rA0/wAdNe+FdH1a409be51h4k0+zWYSNKZE3oWfYNu1QzNgHABxmrVx4sSz8aQeHZLKZI57OW9jvDIoQ+W6IVA5ycPnJ9OlAzSkVm3Nj5RxnBqstvJHuH8JPJrgdd+MN5oP/CU3F74eh/s3w3dx21/cQ6hmXa4jIkVDEoIAkX+IHrgV1914iXTfEFnYXSCOHUGeOyucnDSou8xOvZimWB5yAe/FIDUihk6gYCkZzVtl3DBIrK8T6tPonhrU9QtIEu7mztpLlIZnKKdiliDgHnipdD1hdZ0HTtR2+Ut3bR3IRXwArqGyCfrQBY+z7dxJI4z0PH1qm0O0kOCrZx7ZxkjPTOK5PS/iPbw+JNb0LXNRsbPUbfVPsdkm0w+dG0UbrnPVsuwBJ5I6GtO18Waeo1ia41e2uo7S9+zEW9uVaFyAUtyMku/OeBzTA1LmFljYqykDg4Oajt7dnYH8BXDeG/i9p0el6nc+ItSWPbrNxp1tssJRI4QZRPKClt23PUZ44zXRt8QvD8bxl7uUQM8Mbzm2cQxPKoMaSuV2ozZUYbH3hmgZtR2/lyE9SRnGKs8bTgjgZ6447nmuG8MeMpRfatpeqXE2o3663cWVv9niTf5SBWDMAPlRQRliQOxOeKl1b4habdaJrM8batZ21nBNMNQtbbkiJirmLP8AECCfmA6ZoC52TNj35x/n1/Co9nUKpLZ6KpPb/IrkNd+LGheHpLVLqSaVDHbyTTqFPkLKP3bOpYFiwwSUBwD0rDb4kfarXUptS03UrC107xBHpqSWssRBbeqJ5vzn5fmBYEEHIAzQFz0stGvWVR6Hk5Hr0oryX/hKpND8VeLLG4vpJo4tULW4uro7o43ghcIoPRQXbFFILn05gU5e9NwKcnWrMmORTmp16fhUasealWoERsvI9Ka+Ubg4FTMOlPEaySLuGaAIVYspIOeKlGVRSPxqwsKL0GKXYOmKAGDscCl+Yqx29uKsKoaTaemKWP8A4+in8IXNADY42ZQcH34p3lsnb6+1WmAjUFeD9ajupPs9tdSKozCuVHOCcdTjrQA6MHaY+/fHOB68U9Y3IAbC9trHDA+hHXIrjPid42vfBHgGHXLG3tZrlrryBFcxlolUDPCgjn3zTdJ+IOoX2j6Fdtb2qNeas+nyxqr7fLVQARlid3Oc55pAd0sMjbRjk9KsqpaNSP8AD2/mDQ0Q89Ih0kIBJAJGfrXg/ib4ueJdL+MWnaXb3cS6VL4g/sZ7IwIUMRyN+7G8Scdd2PagD3IKY5CepqZlDRlTt+bP1POOB1oVQ08QPQsAfzrzv4aXt2vw/wBX8ST397fakb3U0H2y7lliVYbmZIwELbQAqL0FJiPQVtQy7VbI5OQc8Zxke3I596mW0UsOoOP9WcZz7j/PSuK8O+H4/HPhPw/Dql9qJjvLMahd+ReSRNcSusP3nB3BV8xsKpCjA4OK80ufEmqWfwE8OpJqFzeGfxVHos0lxKxkltBfvH5bOCGbKIqkk5IyO9ID3+SxWN1Zl255GQc9u341BIsccLvIVjjUbnZ2AC/U5wO35iue0jwTovh34hCbSrGPTEuNIcSW9qPLhysqMGCDgN2JGCR1rz/9qnxXceGvCfhiNLWzv7TUNZWG7s76LzIZo1gaQKygjI3gH8B2oA9Ze906GzlvGvbRLKLPm3TXKeSmOu587Rj3NU7XxVoWqWdxdWWr2N5b2qCSaS2nWTylLbQWC5I5B6+leTfH6+j+H/wJ8P6zoFhZaabXUNP1FbGCALavIxYsroPvISehPYc165pei2c09l4j+zxx6lqlgILpo0VVkVcuARjnkkck8cUwNBQsiBkYOrKHV0+ZSp6MCOCKwvE/iTR/BOni/wBc1KLTbYyiINIGZmfBO0KoLE4UngdvpXOfCe+lhHi/Si3m2WjeJLiyso5OfKgMSTCP/dVpCF9FAHasH9pCbUfD/hy08VaTrF7puo6LaTy28cJjaBz8gPmI6NuyFC9jgn1oA9Q0rUrbW9Ltr+ylMtpcp5kUjRvHuX+9tcAgfUVlR+KrSbxhd+HIre+mvbNYmu5lhHkW4kjZ0LNnPIUjgHmrPg3XrjxH4K0fVbtY/tN3ptvdyLGpCb2Qs2BngZHSuV0WQ2Pxe+IEsfJWw0iTaxJGfLn9/YUgOiuvFFpbw6pIsdzdrp8gtnFrH5hluCQDBGAfndSVzj5RnrwcVvCPjWy8aR6kltbXunXmmXP2S8sdSiEM8LlQwyMkYIIIwehzWB+z/NJcfB3w3NJI0lxPayXU0zYLSSySzOzE+pbn8TnNcd8APGWqa5rvxMj1GVLx7e7guxO0SpIzyLtIYoBkBY1UDsMjvTA9Q8T+ME8N6t4ZsXsLi7j1zUP7PW4jkAigbymdQR9452noOa3Jl2ryOSM9R0x1/KvEf2lvFl34d8J+GddtYoGvNL8SJNAkqs0ZZLOYjcM5I5PeuwbwHpcPw4dWE0xijh1i5aR8m/nCGYrPx80bPjMY2rgAACnYDu2hHlgjbhiAGDAgknj8+a42Lx7H/wALA1HQLtbGzsItLh1KDUWu8+dvlaIhgQACCh4BPavA9D8rxh8I5vt1tEsMPxFt47e3hBEVvHLcRCSNFJICHe3y9BnjFelt8OPCt18dho03h7TZtHt/C7xx6fLbq8ADX7AnawIz87YPY00gPU9U1Ky0i1Fxf3ttY256TXM6xRknoA7HaTjng8Ac1zPiDxbd6d408FabZR2dzpevPdK8w3PITHB5sZQjjDDGD+leOfAnUZ7jxx4c0e7c6hY6X4e1OO1juyZNgXUzEOp5PloE/wB3iuH8danf+H/hrp/9m309nJpHizxHDYyRsC0ESW82I1JBwuCR6gHgjjA0B9UT+NNAXTv7QOs2JsPM8n7QswaMvjJUFc5Iwc46VTj8Q2N54g0eC38Qaa8N3YS3Y07YJJ7tcKRLGwYfKuDkAfN2J61yvjzTVl+Feiaxps0vh/UdDtf7Q06XSSIxbOICrKFYMrKwJDBgScnmuc+HevT+K774Ba5cRQWt3qWlaqksdnH5caAQr9wc7fuA4zjlsAZpWA6Lwj8TJfFF5qWtnXraz0LT9QuLKbTWsWLvEpKQypMBvaR3ydmMEORsBxnfuPi/4OtrGO7l12KGN73+zdjwyrKlyACYmjKblYZHDAZyCMgivJ/EGIPAursR5kcfxOUmFiQjh503KcYOPmJGCMEDFdN8UvD+l6GkCabp8FkW8SeHr2aRAWeeaS7aItIzEliFHH1Oc8YNBnR6t8TNAv8AwjPqdt4gvNIt4dQhs5p4LKTzo5g65hkjdMorhl+ZgBhs1Ws77W9T+JnjjQF1iSCGCy0+90vdGmy1eTzQ3G0FkZk+YE9M4xXnfj5vL8K/HKQAAtq+nXJ4/wCWnk2fzZ65+UV6Lpkh/wCGi/EMXafw3p7s3fIuJwMf99GqA563+KNxq2tfD3WHvn0uxvBqtlq+ms6pbxXNvGS4O7HAdWwScAAV2F38SraHTNNuo9G1d5dUSWW2szAiTtFFH5jyMGcBFA/vkEk9K8Bk8PWvirRtGsbwypBceOtfUm3kKMmI5yCp7EFFP1XnNdCfH+seKPC/wun1eVL9dS/tI38EqYiunt4R5byKMAnLEkdCcHGaQj0e6+NOmH/hH10vRtc1x9d09tSsBY2o/exKVDjLMNrLvUnPAz1J4ri/AfxW/wCERsdRs9ZsNavNPj8S3envr0zpNDb758Qq5LBioLKNwUqM9a5P4P6xNef8KcWSOIAafqdr8gK/uzCsgHB/hZBj+tafnHVL34heFZQq6be+PIbeZ0AEpWRoHbB6A5QdumaQHqP/AAtS3/4S+00GbSry2S+u7mxs7maRQ0rwoWZvKbBEbbSFY5B+hzXL2vxsuNSXTbqHwbfpbajqVxo8XmXcJkF4jPhHXPC/unBf+HHGa8P8T/ErVNH+KbwxQ2s01p4zaRLyZGaYq6iLyi27/VqsjbVxgYHXFbNj4wvLXwbpE8cNurQ/EOSRAEIA3TSsR1zjLnvQB7VpXxYfUbG0tzpfkeJLnWJ9EbT3uv3azQo0kkhlAbMYjXIwuTkDHNZWtfE2K4+xJe+H4zqWleJ7bSryGS5/48Z3K+VPEVXMilZgwyB6YHNebrqEt7oXxG8RLtttR8N+I11mwMI+USuixujBs5jZVwV68nBFaOuahJqPwxk8SsqRarq/ie1ubiSMYVWg2+UqA5wo8lfrlueaAOltPDFnef8AC4tIn0+3ki+3vPFDOiMEd9OjYOARwwcnBBznmoNI8feLJ9P0XR9D0TT7yZfC1nq0Vxe3skZlBXaYgqpgOxBwckcjJ7Vs+Apm1L4j+P0m2+VepC0sSqAoKRiEY7/c4PNea6Pq19Y3XwpltLuS2nvvAot5pUCltpkh5GQQCCSQcUAd5pvxOk8Q6lp2padpGnwyah4Sl1S0mnL+eDHMoaCTAyYw7Hp1ODxUnh34keI9WsfBy3Uej2Fz4qQ3Vq8KSypbwx2/myK6ll8yTJXaFI4zWrefDuw8P6xow025urOPSdPOlW0cfllfJmRN+7KHccxo3PGR0p9r8M9Os/C+l6RHd3wfw2scul6jvQXUG3Me3cEClSh2kFTkUWQzk77xZN4k1vwbPqFnDbavo3i640S98nOx2+yTjcpPzBSrxnax71fsviNqaz/2RLHYWep3Hiq50RLyGIiJEWM3Bm2E/M7IMcnBZgx6Yrobf4b6bqml2MclzeRy292+vm5jdRJLeAf6xyVI/iI4A4qe8+DOgajLqMVxJfySarejVnuPtJWW3ukYKskLADyztUDj0pg0edeGtY1bwhZXFutxbTg/EJ7C+Z7YYkjnZDvUZxG2XUdz8xANaNn488WW+pPdXepWU+n2vi4eHZbNLEReZDJt8t9+75WUyKffHuM9V/wp/QI2ubNn1KcXF6uqTTS6hMZJLiIZRyd3XKqen8Iq5F8KfD+oSTJKl4Uv71dUnAvZcG5QJsk+91HH/fK+lAJGlpHiSPxBqF1ZDQ9UtpLX94JdV09obeSRZAqsjEnPOCCB9K47wNq2reFf+Ew0+98PTalqtvqv2+RdBIdbpbpd6OqSFQm1VAZcgjHTmvRdU0az17SrixvojPaykxOnmMpIBGDuUhs/Q1Fp+l2mgadLHZwbRK/mytLI8ryvsJ3O7MWY8DBJOO2KCjj5ta1TWfG1pps/2yx0rWvDd3MNLvYo0kgmSRIyTjOSQ/J6c1zPh66aT4c/Be7wFKXunoxVT8rPaSwsMk46nb1H4V6tceG9J1TUItTutPhm1CONoUuWLb1jf7yg56HA/IV578ULW08J2vg/SdHsoLCyXxJZGOOIH93/AKQOFyePvGkBymueNPEem6H4nhuNR1ax1mPSptR02+t7n7RZXccMoZ5IeAUwHCtERjngmrfxA8UDVNP+K9hDqv2mxXw/aapaw/aA6RHEjOVIxxuSM4z36V67pPhXRNKuJp7HR7GzludyzNFABvU4LKf9lickd6sWHgDwzYx3MNt4e0qCIQiFo47GIK8YYsEYbeVB5C9B1ApjPMNdjtLD4q61qQ1C8tXk8INfJNbXEheLZJKCyRltrFVcEDbtDD3zXntx40lbw740toPE80SQ6dpesWIttVMk0Z3bZgXJzuKr8yglQzEc19MQ6DpVvNDPHpVgk9uvkxyraxh1RSqABsZAwegpkekabHpETLpdiE8pcRC2QIoLcgDHTPOD3oGeEeLL9fDek/EbT7PWrv7NpE+l6rY779nkUSNGZV37juB2NlenzV2NrqN43xM8eR6A+l3F/Lb6ZdQx307pC4Ebo/KAscKExgenIr1BdLsoXdUs7ZQu0f6hORhTzxz1pzbFjllSKNGhOwbVxkHPU9fTv2oCx4f4q8Pyt44TUvGVz/ZRuvDrWVpd6TdzRQwXUUzyMiPwzEho3VW6lSMHAB7PwWnjbUNJ8PHVptIEM1lCNRjuLeT7Y0hhXcSQdm4uVPTPFegyD7PcSQqT5ZOGXPDcnGR3wOMmoDIyQCU/O4ZfvdCT1J9/8KBnhWizTr4L+Dl82VtdNv2srrH/ACzLQy26Of8AgYC+n7wV1PiNXX4o+DLmKGd1FvfW8sscEjRxF1jKbnAwuWRupHaty08F2Ph+xutIjlubrS52J+yXUu5E3M8h2EAEfMcjnjArbtYvsMZtVd5VjQKJJnLuV44JPXH580AeHeIfAOoa/wCPvGMtjDeLLHdWOp2Ud9HKun6g0MO2WF9wCMdwVd3JDbcZHNdL4uvpvEmh+DbmHT7zTtQPiGzcWt6hjmj2pI0ow33gELfMMjA69M+ryL5aRkchj93sMHAx3qo2m2810l46b54fkj3ksqhlYtgHgE7V568UAc7ZaBqun6Vqyarrt14ha5tnhjj+xxQmMFGG1fL27iSQMsaxPC3hfVtQ+G/hyyuL7VPC2o2NvFFci3SHe5VNm071cbSeRyPwr0JV3R7skHBPBxUcjDzMY/jxnJPUYNAHjvirwTr00njmOz0q41H+0LnTbyzu2eJftMsHl+Yx+bI4j64HXpTNY8C+JLrWNdvtO07yz/a1lrWnw3U8aR3jxQCKWNipOxiAcE98HNeyMv724B5KYwxHJ+tNWNWlmTACrg8Dr9aAPGZPBvi2+1q+vzokFsJvE1trkUbajA8gVYhHKr8HJPUcnrWlrngHV7+Pxhp9qtrNpHiiSK4eeWXbJp8oCLKCMfvBiMMvPB46c16dP80THOMcYHSoryMRqnO7cufmwcfSgDya1+HfiPQ/HmqeJ9Jns7drq7Xfbz3LmK6tfLUMjgJlZBIgkRhkfMQ2etWF+GuorqmtXEI0/Tk1Kyura7gtJ5Ps920uBHI8WwBHUZJdeWz2616S6jyV4HJwabGvyr75FA7XPNbH4e+IdJurW40zWNMt52sILHUfPtmlGYlKLNbkbSr7CAQ2R8oqzq3w5vr6LxRb22rWsdprF9BfxrLas7wyJ5ZIJD/MMxDHpuJrvmXCqcnvUVux+fPNAWseU+OPghqni7xNd6ta+IbWwFwsYkhewaQ7kjVM7i4JyFFFeq31yYbgoqqQAMbhmigR/9k=)

Диэфиры 1,3-ацетондикарбоновой кислоты используют для синтеза тиенамицина. Основание Шиффа получают с первым бензиламином. После ацилирования этого продукта уксусным ангидридом кетоновая группа восстанавливается до бинарного спирта боргидридом натрия. Отсюда образуется лактонная структура, и это соединение разделяется на энантиомеры с D-камфосульфокислотой. Азетидиновое кольцо замыкается дициклогексилкарбодиимидом. В этом полученном производном диаминовую группу в первом положении сначала защищают н-бутилдиметилсилилхлоридом. Затем малоновую кислоту получают из п-нитробензилхлорида в моно(4-нитробензил)малонатный эфир, получая при этом карбапенамовое кольцо. Для этого метиленовую группу активируют реакцией диазопереноса. Затем термолизом получают кольцо 3-оксокарбапенама. Дифенилфосфатный эфир получают над енольной группой молекулы, енолизированной дифенилфосфатом. Боковая цепь тиенамицина присоединяется к молекуле с помощью 2-(4-нитробензилоксикарбониламино)этилмеркаптола. 4-нитробензилоксикарбонильная группа гидрируется палладий-углеродным катализом с образованием тиенамицина.

![Diagram

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4SZyRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjM0OjAxAAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAM4MQAAkpIAAgAAAAM4MQAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NTo0MQAyMDIzOjAyOjI2IDIzOjU1OjQxAAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAFMUAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAiQEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A9V5xSc1kajDUR60AJjijmgQZ5pepoAdinKeaAH9qAcjOKAHUfhQA4e9PyKADPPSlyB14oAO1NGc4FABnrUbHbQBGTmmZoAC1MJ9KYyJzxVWSmBVlqm/egZVeoXGY3HqCKaA78g561BctOm3yUDAg5z69u4qBFXzrtkAMADhvmxyMZOMZxnoPzqvNLqYhk8u3jaQISgJ4Leh56f54oEXIDK0CGZQshUbwOgPelaRVbBbn0oAVWV13KwIzjin4oAXPFOUUAPFQSXSQtt2ux77RnFAE0EyzJuXIweQRgipKAFqvcSzR48tN2VY52k8jGBx68/lQBGl1cmHLw4kDDcACQFzjPvxTHur/AObFurYU7flI3Nk4HXoeOe2aBFq2mmkhzOgRs9MY7CpQ6sRtcHI6A0DDeBjDDntmmOQTg0AYSwauttsa4QzBRhgRjPOe3oRj3H5z2/2qJ5GupcoHJQ56J2B9/egC2zcD61ltZyTqzR3bgOXIbByMng9e3b2pgNh0+aG6WVrx3UDBQjg8Y9fx+pqy9MZVkqhcSxxY8xguemaBlNbqGZyscgYjqMGl70IDvJkZ4iqNtbI59s8j8RxVNo3R4PPnBVTgfMRkgA5P5NwfWpEWGdduSwA6ZzUZkjHJkUfjQA35vNGAPLxyc857VXtVYK0j8u7ZYZ6EcY/CgQ2ESRzyqnzx7snccbSew/So5k1ISLJFLGUXcXQjO7n5ccce/wDk0AOZNSQKwljcAkldvJHGB+HP19qvbpQeI1x7v/8AWoArltUOqptS1Gn7Pn3M3mbsnpxjGMdals33NKrAiRXy2e/oR7Y/GgBC8kl2wt8DaMOzjIPpj9abcW1/ICYZ0RtxOdxAxsIAx/vYP+cUASt9rlthjbFMCDnPv0I5/n+NMVbjfbi4aM7WONrEEnHX343fnQIvqR6UFx07ikMr3kSXEIRzIBznYPUEf1qnJZwu8kge4DSDB2gjqAOw9qYhZrSCZWbdOGIwCI8YOCoPT0Y1TmuodLmhmnW7leV2QeXEWwTg8jqRhR60AXbm5kUxtHEzqwyflOR049jyevpVb7RNPJtjQxoUyGdCcnJBHoMYHXrmgZEdKtNu0q+O/wA5qB9UFmvktEzGPKgj+IBSQentj2P4UwEOsJuizEQJBn73K8gcjHB5pLifz5I4YtxBO58rgbfx/pQhle6UwyRyxqAoO1wOOD3qC8hE6bWjVx/tMRj8qYGXNayQoHtYIvOUjbulbHoc/hVwe9Az0I9Kq3Vqt0rKzsuUZDtxyD16ipEQLY7BjzXIEhcZOeucjn6mqb6Hakfel5Cg/MOQoIXt2BNAF+OIRwpGCSFAAz7VDLZQzNl0zk5P1/yKBDlQRDaueueTmng8UAPzSqeKAHDOab5S7y/zBiADg4zigByRrESVB+Y5Yk5JNSA+1AB35FQzQCd0JwQgPDLkdufrx+poEV1sZViMHnHyyUYH1IbJBHoQMdf/AK8cmlsQdtyyDDDCqe+cHr1XPHpQBbsoGtY2jaRpMtuBK4xVnPNAw3cdOKZkE0ARvj0rMvRdb2aBmGIzsxjlueufoP1oAZBJM29JlOVY4bHUZOPbpipzgjoKYETorAggEHrkdarzodqmMAOn3R0H0PtQhlIJcuw+0GLaDkBM0SUxlV6ioA9CphqQI2NRkigQgalGKBDH45qPdzQBIpp4/SgBwPSndaAK8j3AuUVEBiOMn885/TFWc4oAUMDSZoAUUuaADIz1oPTigA7daaTigCJjmoZBkUAQNxTCaAGZqN+lMZRu5xBHvIzk/wBCf6VE9MZXeoTQB6CTxUM8ohheVgSqKWIA54qQM+HU47u9a1VHDpuye3y7c4P/AAMU+dfNDwxllbgFxxj2/L0oEV2sJifkuWUc8ZJ7HHX0qxY20ltBslmMrZJ3En8qBFgoWzzVcqUJXPNADgOOtPXI70APwcdajnmNvF5hyfmVQB6kgflzQBVImuprW9iQiOMElWPLbhjir0b+auVb2IIwRQA7afXtTgrcHPSgA+brS5O4Z6UALg5yKMN60AQ3Hm+UNjhcEZ5xkeme1Oi3mFfMYM4UZI6E9zQAjZxUD7vWgCu+ahJYmgBpJ65phzimMzb6YeQwhkDShgAq8nrzx+dG5XXcrZFMZC5qJqAO8luIof8AWNjAz0zgVHJPGIdytncDswOWPsO9SIjWaNoy28YX7xPGPr6VVF1FG8zSNsQtuDvwpG0Z5/A0AWI54pGKpIpYdQD0/wA5FItzCzhBKu49Bnr1/wADQIdPP5WxE++5wOM49TVWeR4Z4xKysrnGVQjB7dzSALkzeQfI/wBZkY6f1plq135o88YXac9MA54xjnpTAtG4jSQRs43HHH16US3CC33K4JdSY8DJbjsO9AE0cqMmVYEd/aoI7mISSnzAAzAgngEYAyPWgCUXtuM5niGOvzjj/OR+dSpMkgOx1bHoc0AVZdThhnaFlk3AquQuQScf45/A0st/DDMsb7gWPXt1I/pQBbVwwyCMHoRQXwKAM9bia+hKrH5ZypJY/d6HGPXtirMUpjCQyLhsYDDkNj+R9v50APY5qBzxQBivcX4MeYhkgiQAcK2OMHuP8/SaGR2hUyrtkx8w96YDiajZ6BlGKONJZiqkNuwST/wL+bGopCFuuOC6Z+uD/wDXpgRuaiagZ3k9tDPzIpJ27ThiMj0OOtMjt4rfPlqBn8eMAY+nFIRSvZY0uE3R7iuCxAHGchR+dVZdVtiYo3SQiaTy14H3up79v85pAWYbCCFsxKy8AcMfbv8AgKadLgIQAupjXamD90YIGPwY0hD2jW1lE37x1PDFmZyp5wRnOO449RUUswvU8tUYHPJZcbR3I/l+NAD/ACkbll59agvNJtr+1aCVplRiCdkrA8EH19qYEken28cSoPMYKAvzyMxIByM5PP41Yt7eK2GI1wMADPUADAH6UAMuHt1nXzFyQNzAAnjoM+vNNmv7CWBxJKCgYq2VPVTyOlAES6Xb27i4VpdyAkEtk8qB3HPA71PFAsEoeORtpzuU9ycf4UAI8Usjkh7flsjfBuPHT+IUklvcTDDy2pyMZEDAj6HfxQIr2cmoWlxIl/c2zwfMYlijbeFB7n0H0/GtBbuB4mkWQbVPJPFAxlvcZyrlgxZioYYyM8Us08YkQZLFGywUZ2jB60AJ9uticCZScgcc9cY/mPzqN8y/vEncKwyMBcfqKAK0kb97iT8l/wAKzLzT2ubiCT7fdR+USdsTBd2cdeORxTAmuPMMBWJwHyOT6Z5/SqCrfJcMfNUxscYPJUc/hmgB8kYiRpI2YSYJyTncff1qtMIPKcySLuYcu59v88UxlaC2EMhlSUuHHPPX0qck0DPQd3FRuakRWkVGOWVW4xyM1E8ELHLRRk+6j6fyoAlVz7Uu4k0hDgx9BSMT6CmBASR2FG6gB2/Hal3UAJJFFKcyRhiARyOxqM2lsVIMAOeo9fX88c+tADIvLvY5Ul3MquY9hHyjH8/x70+IPC4ikfzAQSrHrgY6/nSAsfKOlIMZpgMkhhlcFwcgEAgkdetMjsbaCYOq4IGBzn0/wFIB10YVgIkGVOAPqeB+tVo7u3i8u32sshJVVC9SMZ/nQBFEdN1KYyRDczAMW6ZAIx/6D/nNWIbaO2QohO3OQD2pgRyAdKqOVBpgRlhmmErzQBBOiyxMhJGR1FZ8umQyBg7N8wKnGBwTn+dMZKEESBF6AYFRk80DO8Zsd6YZB3zzUiImAPQ45qM/jSAB9acB/tUCDJzwaDnH3qAIj6UZwOtACZIGc80Bm9aAJFck8mpMmmBVHmW5cpH5iMxYheGyf5/560Q/aWdZJ9oIBAQDpnHX8qQFkMc0nmHrimAvmHsKfvyKAI32yJsdQynqDUYt7c/MYU3Z645/zwKAHJDDD/qolQ4xwMUFsjNAFWQ1TduelMCFmPYUhNADTUTUDK0hqE9aYHds1RsQakZEHwcHpTsikIbTkPcmgQuO4NBHHWgBpHHBqMrQA3HNRyXMUL7XbB+Xt6nA/M8UwCC6guD+6fPGRwRn1/LofSnpeQyOsayAs2MD1yCR/I/lSAWS5EckcYGXc8DnAFL5zLMkcoC7wdpUk8j8KAJCyhj84GOvNKTxwetMBvQZ3U4dCM0AHIOM04HigBOc5zmo3J9aAK0hOCaqOaYELH3phHuaAGnPrUTdaYyBz7VCetAzuyeKhdqkRCxzVW8vvsSI5jL7mIwDjGFJ/pj8aAJrhmeBTE4GWX+LAIz0zTNPguoVIupxKdoG71OWycfQj8qQi8AMUMBigCMjjrSdqAM65lvY5XMUQdSCEGe+Bj+vXFWBAkqbpV3MfUeh4/LrTAI7WCIjy0246YJ49fz7+tNfTrVyrbCHQBVbJOAMgD/x40gHP5NtP5snClcB2bOD6c+v9PeiSWK7REiY7ieGXgrjqf8AOecUANm01JpEkeWQupU7uBnacjOBjrU1vA1uhQtuXPy+wpgTVDHdRSyOkbZZDhh6ckf0NAEFxc3UcqrDCHUuAcg8L3Ofr2/GrVtK8lvG0y7XK5ZcdDQBKcdqiY0AVpGqo+KYEJIzScUANqJyPWgZXc1CSaYzsbpysJG4rnjPP9On1rJlndZsR3kQRiMh5eQO+Cecn196kRHFfpaBft2oW534RWDAAtz/APWqzdXv2ZS+3cAjP1xnHYe9AhiStfLiE+XtfLMefunj65xVtbmRZRHIpyRkFeQcdf50gJBNJISIQFxwWccA/Tv+lMkuriHCtEHOM7lzg/oceuKAKralIjEvbuAGI45yMjnGOhzn8DU9pe/a4BIqleBkHscA/wBaYExYmqUhukkkMSnaTkYxjpjv3z+GPekAwTX4lQGJNpPzEdvmHT8K0d4FMALBsZ6U5FjTlVUZ6kCgB2+l3c0AITVNJ7PzB5bYd8EHB+bOT/U0AIlw/wBqdiGeMKF3qMjIz269+1WRNG4yJFIPQg0ARtdAErEhlYddpGB+J4zUb3kWDlsNnGwj5s/SmBmT/wBob1KPgAncCBg8jGPwzUUqXMh3btoIXgNjHqOlAEMEd1GQZZVc4weevv7f1qAWt1lJEuMsoAOWOGIDAn9Rx7UAX2YhTxms1tVtxErlZMkA428jvTGMjvfPlKiF1XGQzDFPLZoA7RmzxmssxXoBPmqemBvPGMZ5x35+me9SBMYo5FTzo0dlOQWAbB9qdQIAdvQAZ6moBcPJdgwIjqqEFi5A5x04OelACol6iz4KHduKMTgg844xj0H4Vct/M8v962W3H8snH6YpASSDcOtRAe9AEXkqP45PxkY/1o8rPR3H/AqYDDBJ1F1MPbC//E01XcytGJwzJjO5PX6YoAlHm95I/wAEP+NKGmxw6H/gJ/xoATzLsdIoW+shH9DUF1dalHbM9vZQyygjCCbrzzyQMUAWoZZJIEaaLy5CPmTduwfr3qF7G2KhQhG0YXk8CgCZAI0VF4CjAqoZYCLgkRuwYnBx1xQAthJ/oiptK+X8mD7Cq80mNVU7eqAZ/wC+ulAFh2qBmpgVJZCrhUXc5HGegqusktucOu6PJO5e3f8Az/WgCd/M/hK475qBo5MYDIB7J/8AXpjIWiI+9K7fkP5VWitobYyGJSDIxdySSSaAO5kxnIqFiKkCI0DtigBGVZEZG6MMHntRFCsQbDMSx3MT3PT+lAibHvThn1oAcAfWmFSD1oAaQab82aAFJNV0hEcpYFzkk4J4GTk0ATfgaUHjrQAoNLu9aAF3Dpmk380AQ3LS+WPJ655xjOPbPFMt4/Jt1XgN1bHrQAy1lnbeJlxg8HGKlLUCIXaoGPPJoApT/LcxyHOxQcnHSo55hIGhiG9nT7w6DPQ0xlrPFMY5pjK79ahYUAdc5qAsakBpNJuwetAhd3enBuKAFDmnB2oAcHagsewoAbuYdRTS59KADdRu5oAN1AYZxQAZGaN3NAC5FJmgBM03tQA0tzTGNAEROKiagRETWdHdrHLJGIyCWyePcD8aYy8rhkDDoRkUwmmMhaoWJoA6lLiG43eU4YqAT7ZGR+lMbrUgMNMII5zQIcpJqQdMUAO+lAzQA5Sc80nJNAC5JFN+tACUmeKAEzRmgBc0meaAFpCcUAJmkzTAYTxUbE9aAIye9RseKBERppAx0GDQMQABQoAAHQCkNMZC9QtQBq6F92X/AK5w/wDoFabVIDD0NMb7tAAlSUCHilWgBw70nagBaaepoAaaQ9PxoATtTOxoAPSnUAL3prUwF7Uw0AMbpTG6UARmonoAjPWkNCASmNTGRtULdaAP/9kA/+Ex6Gh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRvclRvb2w+V2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NDwveG1wOkNyZWF0b3JUb29sPjx4bXA6Q3JlYXRlRGF0ZT4yMDIzLTAyLTI2VDIzOjU1OjQxLjgxMjwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMAAwICAwICAwMDAwQDAwQFCAUFBAQFCgcHBggMCgwMCwoLCw0OEhANDhEOCwsQFhARExQVFRUMDxcYFhQYEhQVFP/bAEMBAwQEBQQFCQUFCRQNCw0UFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFP/AABEIAakDGgMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTUWEHInEUMoGRoQgjQrHBFVLR8CQzYnKCCQoWFxgZGiUmJygpKjQ1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4eLj5OXm5+jp6vHy8/T19vf4+fr/xAAfAQADAQEBAQEBAQEBAAAAAAAAAQIDBAUGBwgJCgv/xAC1EQACAQIEBAMEBwUEBAABAncAAQIDEQQFITEGEkFRB2FxEyIygQgUQpGhscEJIzNS8BVictEKFiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/2gAMAwEAAhEDEQA/APuUfNilzg+1MVsjgUhzmuI9AexGfSmv0yDTJFLd+Kbz0qWAu6l38U3bQVODQAn1pnQZyMUNnB61CG28c0gHSVHIp4xzTpOelIWGMd6CSnJuVxkHFLg7c4p06luQabGp7mgQm44p4bOPWkbHpTlXpQBDIu7606HG05p0kZBo42cdaAGtJ1xSx/Mue4po7g9aVMrkUASq3p1ob5VNNRvlPrQzYFBIgzuqQZXtUO6pPMY8UDQrCkwKTeWOKOfWgLDsc9KkUhRzSKuFzT2j3DPemFgPzKRTVzH0pwGKOhzSEKzHvT1Y7cioXfd9KniGVx2oAkVRJzU6DAxUK/LTxnrQAMO1GNvWjHrSSN8tADx60feaoxIAcE04ON2MjP1oAXBzRT1Ze7Cmkr60AL24pE75pwZcdaFYL0IzTAGUUxlGRg06SRBy7BT6E0i7WwykEfWkA/FKvajjHUfnRuHrQBKCCpFNVKFfHGRTlkyetAEu3atKvJ5peOKXigBvl80hVvMHentShtuMUARtwKkVRwajdwzc07f0AoAeVHWm7eaN+3rTlIagBAQKd1zyaOM+lLuVd3OaAIFU7jzxUgUY5zRkevNOClkOKAIHZVbqaFI/GnvbgEFqifap4OTQA7H7zdyRUvmB+eARVZptxCjIp6x4Xn86AHmQZwOtMjVXY5pTHt5zzQoO4Y/OgCSWFY1yKqtzViQluBVeRCvUcUAN27jilHp2pM4pjMeaAEkx2qu0m1sc1LuzUM3qKYxjsW6Uxl4zS7TkA0N8vsaY7DQeM09W3EHtTFbggkYoHy96YErdKbuxSeYOmaaxz05NACuwA96r/wAWakbLUxhTuANIOwxTGUN1pxTvnioZCRnHSmMkYjbgVDJnafWj5uuOKO/PSgZB97rUFwtTyDGcVXmagZSlbbmqzc5JFWZV3E1BJgKaAK8jA4xVZ261O+RVeZc80AU5Fx0qpMeauyL1qnN3HamUiqzcVUY/NVmbhqjwKBlWTGCapsRuIxV6cYqjJjdQBWkqHndViRTzVdvlpgMfrSLS/wAWaNwqkBMnUcZrwvUJRDf3MZLZSVlOPYmvclYHH1FeKa3HEutX6lMkXEg7/wB410w2IZ+hiLSmP3FMMgFNabsc8154Eu2mnAPHWmeYemaeMH3NSA1lDD3pPu0rttU/K2fQDJqJm64IbHoeM+memaAFZqrsp56U9mJYAcE+vHGcE464pi/MB13ewzjp6fWgQjetRSdKVst0+bjIA6//AFuo68c00sc4A3Z6di3XGM+uP8cUCIjknFOZQq0cb8dOccgj8f8APNMmz8uThW7nj8fp7+x9KBBu7ipFYnFQqrKBkbQ397jn09j3+lOVxxg0APkO4gU1fm4pWPHvQuNtACbO9G35SaGYAU1W7UAKnpSuuaavWlU/MKBMjY7aFbmpGUbvaouC3tQCJVTbzRgt0pwb5cU1WI6daBliPtmntnjFQqx71MrAr70wE2nr1pOtSq2Kjbg5oEyNlK+9PjfsDzSMpfpkVNHCqdOT60gHr8sQB+93qRG445qJsMcdqfEoXgd6B2JPfvTGXcDUnTmkPsOaCSksZknIbOKuxqqZ+UflzVdmPnMB1qxGOMnrQA1lDN0p67eMqPwFJIopyfdxQAvlhugp3lqSMqCKFp4NAETW8cnWNW+opv2dFUAIB+FTrSn1oAg8teygH6VIqr6c05k70360AO8sdQB+ApNm3p1qReE9qbu5zQA6Nyyg05mO3PrUKkI5H8JoeXMhA+6KAHIzZ5NWF+7z0qsQduSDt7HHB9vr149jUquRH0yPz/z3/KgBWjD/AHTzTVJztpvmN/d2n+XrRJJtUsTwKAJ1XcMHrS7dppsOdwHfv7dqcWDd8D1PA9/rj2oENkk2r6moY7gs7KF5X1p+5WQknjp8vP6D/PbrxUVvE27JDfMcdPyH17/gaALiAYyRzTGZl+7xT07cgD0zz07jt36+ho43euOtACBy21mNV51CsCMYNTyLtbjp2pow/XFAyKOPLA1bwFx0z71CzKmOaSSTj5eTQAyTMkhZWwOwqJYpDnLnHpUqt8uAOe9L5pz0wO9AAsbKODzTHY8gnOKsGQLiovlaQn1oArO34VU+0E7snkVdmAOQKoG1bLc9aAI2uSNozzUki7dpJ61xV38VPDNhPqEF9eXNnJp0qw3Uk1hOIoGblQ8mzaAQRg5xyOa39a8R2OixWkl7cbBcP5dukKmWScjrsRclhjnIGODVIDYLLszg1BMwbBNZGjeLdO164u4baR0ltNouoLqNoJrcMCVZ43AYKQCd2Me9ZQ+J3h6T7M32maO0nkEUWoTW0i2juTgKJtu3nsScHpnJAoHc6fywwIJ4qRVULjmsXWPFmmaJfRWE7z3GpSKZFsbOB5ptoONxVQcDIPX0p+heJ9O8SRTyafM7i3laCZJYnieOQBSVKsAQcMKBmqVGabt5pA3zdaXdTAgkXy5ABmpQwA5qKZwXHrT2xtJJIVQWbHXA5P6ZpgBY8AgrnjDcH8qiZd2N3yA/3uDXm3hfxF4i+IWgz65pepx6NBO0iabaS2aSJIoJCtKxG85IB+U9D9RTdO8Y674o8XX3h6K7/sF9It4G1C4toklkkuHXOE35VUX72OenWmB6UcqTg5GcHv16cU1m2gk5BXr7d68a1D4zahps1z4ckS3fxdDrEekxXUUYEDK6CVbkR8kHbnKZwW5zjg7uoeJdV8F+JPDunajqn9qaXrzyWkF39ljjlsrhF3rjYFV43G7gjg9SQKYz0Bm3dOnTJ6VWk7HtXhnhn4t+JbqfQRJqlnrl3dalc2d9pv2ONZYIUZgs5MeCnQZ3jnOBnt7j5nnKB/dyBnjAz+pPt2pjIX5NVpe9WmqrN3pDK8g61C65U1K2cGopG2qaAKkvFUpetWpGqrJQMqXC1WPFWpvmqq3cUDIJctVSRTuq1L0xVdvXvSGV27iq8nBqxKx6VA/zKR3pgRtgCox6U9qaFrQBynDD61wup6ALjUruURcPK7dT3Ymu6X5qhMTEk7Vq1KwH1P5dRyx7sYq0ycU1QM+9chBVWM7gfSp9vQg4qVVznikwCTjkUgOT+J3i5/APgHX/ABEsK3U1hb74YnYKhkZgqbie25hn2BqvZ+DtRtV0cy+JNWm1RHjfUZXuX8q4UgebGIQdsSfMduwDGwcnJFdJr2i2PiLQ7/SdRtxdWF7A0E8JON6kdMjkfUcjtWNpfhG+02zgtrnxNf6lBZoFtvNhijdGx8jSsgBmKjBAbA6E5PNIR4enj3VpvgjZzm/8TLrV3rQhGrfv/K8ttQ8lI/OzjHk5HuTXuMfibSbzxFc6Hb32/UbVSxhkWQEqpAJDMMPtJAbBwCcHnIrm4/g7AvgHTvB/9uXn2CzvEvEuhBEJHZZvOCNwQF8zBJHOBir+lWmqah4xub/UdES1soYpLexvPtUJzGzq0h8pCSHkdVJzgBUA55NBJireTeMPibrWgzXFxbaPodjZuLa2maA3k1wGYMzLhiqKgUKDzkk8DnKuI9Th8faV4Lk1jUJ9LmtLzW7i4a4YXU8PmLHFbGX7xRWc5K4LAKM9cdtqvgdbvxIfEGnapdaJqktulrdvAiTR3kSklVlRxglckKwwQDVe88BWtxeadfxX15b63Ymby9WJSSZxL/rVkBUIyMQDs2gAqCCCKAPL/FHjbWPB/irVfCFjeymK7utIhsr27m86ayF5I0Uqh3yzBRGzLuJ2lwPSus1oN4N8eeDbCwuNQl03xBdXGn39reXcsxKrC0qzDeSySDac4xkN06Y3Zfhno95p+q2+ovc6jd6rcR3d5qcrKtwZo9vkuhUAJ5W0bQBj1BzVqz8Gr/ayarfareajqtvDJBZXU0cQWzD43skaoFLsVXLEEkDHQkUAeK/B7xHrGta34QtbLU9Ya9WO8vdZOqXkjwXVp5kkcPlpIzGR1dU+ZMBQMHHQ/Qjxjzs9+SuVx1rjLH4RabpWjeHrG21PU4rjQZGex1BZI/PVHz5kTHZtaNsjIKnkAgjFdwO+TyeSVUKD+A4oAYynigZqVsU3/wDXQAm3cuO9MKlao+I/Eln4VtbeW8S5mkuZvIt7WzgaaeZ9rMQka8nCqWPoKxD8RIZM48N+KBjs2juD/OgR1Eec805lPGCK5T/hYC9B4V8Vn0xpB59vvV0eiaxZ+INJtdRsJ/Ps7pBJGzKVbGSCCDypBBBB5BGKALG3jmljUZxinnAHShCFOcUDDb+VCrUpAK0xfvUAPXCsOKU4zmmSMcihT2pgShgMZpk3bHT2pT81KrbVIPNITEhb5gefpUwUnp0qJEO7I4qaOQnigEKIwnJ61Iv1pWUNjNR9GwKBki8n2p/FMQfKR3o5yB2oEyPaPtDk8DuaczbUZsHC9eOnbk9BUUzbWlw2DjhsZx749a4y+l1rxV4q1Ow0fV30PTtJKw3F1FZxXUkt2w3NGpkVvljjKZxzmQjHFAjto23AHIOfQ1JK2ORwO9eN/wDCXOuR/wALE8SdOh8G57n/AKduenatXw+fEfiaO5fR/iDqfnQbSn9oeGo7RS5GVzvjRiMgZx+tAHqa8LycnGcD09fzqVfesPwj4gHijw/bX5t/sc+Xhu7P/n2uY2KSxf8AAWyB6gg1tMaAFbPXtSbqbup22gCTOaTimhs5wKTO7g0AP3dhR0600KM05qAEdQx4NNhjLsqdGJxnBP4inqg6j9aVPmbdnaynINAjzbwJqV78UNMv9eudX1DTLae+ubSwttPmWNLeKKRolaQbf3rsUd/3hwMY71mN4k1Lwh8TdH03X9fvru0k8NGaeOGGSaOe5SYRF9scZZQVDNjAAJHFdBpPgzWvBt5qcPh/U7KLRb+5kvBa39pJM1nLLgy+S6yKCrMN2xl4JPJqdfBN9D4+sPEY1eOe3ttMbS2ikhbz5VMolMhcNtDbhjAUZHfigfQwvhv44gXTPF+ra34hkfTbPXbmxtbrVZPLCQIEKKAwUgncc5GeK7nxR4kj8MeD9V8Qqi30FjZSXqrG/wAsyqm4YYdVPy8g9G/LkI9Hv/h/pviPUJYl1+51fVZL+CPT9MkkNvNNGFZiMsWVVB6EE8jGDXR+H9B0yf4e2uhGzuBo8unNYm1vIzBO0W3yzuVvmXIJOCOPwoJTMvRtE8S6z4Nsb8eKL5NfureG62qUNoGbDtGsW3CqASmV+c7gxPGKi8M6nqXxGm8RXi61faRa2upT6ZYwWLBAnk/KZZAwPmZbccMcED64t+H9A8TeHdMg0Rtdsr7TLVFhh1D7My6h5KjCo3zGPcAFAfaTxnGaXT/BureHtS1qfw3dWEVjqtyb+S1v4XYW102PMkiAOCjMAxjPG4decUDOH8O/FjWfGmqeH/Chl/s3V57zUrXVdQtcbmWzIU+RuBCFyy884BbBXFdPqGsX/hzx5aeFn1K6vLHXdNubiyupGT7TZTw7d6htvzowYEK+SCpHIOadb/B620bT9El0i+aHXtImuLldQuk3reNcZ+0pMoI+V88YOVwOuMVqQ+EdTv8AxB/wkWqz2LarbWclnp9tbh/s9vvILOS3LM2Bk44AwPWmM86+F/xI13xLJ4HW01248TXV/A0/iKxnRGWyi2nbKNqBo8sMDnafmGAenu8zBVxk99v58A/hnrXlvh34T6h4Z0PwubHVbS38RaDGbX7YIX8i/tGYs8E6Fs4JbcCCdrA4zuOPTF3zbCQofGCqElQSegJA4HvSAerHjJzUhjWQcHFRLkgleQO45x7n0/HFTxQyLtwjMGzyoyOMZ5HA696AKrRbW5bNSq42HIomhk3t+7bK9eP09/wpVhZmCqpJJxjBz9cUACru6VG8ZX3q39neNcspHc5B4qJ1lb7sbnjkBST/AJ/xoAr7jjk0hU9R1pP4S7fKueWyCB+XbGTkehpy5YYxg9DnsfSgCBn352kZFM8wj+HeRztAz/SnzWsijzFQg4zjHP5f16VB5gzhxz+GPb8DQB87fERNXk8UfFa306SO50yRbFtYtrdA121mYCszxHdjKqOVx0yAc4rbebT7P4i/DrVbG7WfwlNpU2lWd5vBiWYgGNDu6MyLj6jB5OK9hTRdKhvJL2Cws4LxutzDCEkbPXLDk4PT9fSs5vDujx2d1YppVj9huGLS2v2ZPKlJ5y64wTnvj3pgeP8Axf02/wDFnjia38NOJNQj8K3tvemBslS7f6PEcEDccHaOvarN5qWkah+zvcRqVdJdFFiln8vmG6EYQRhcZDiUDgYIzntXrGm6HYaSiR6fZW9lChz5dtEI1yTkkAdOgx3HrUDeFdJ/tM6n/Zdl/aXBN0LdBISAec4znnqSTTQHj/wsmvfDPxI1C28UXPkX+o6Hpz2M10+3zljixIiM+PmV8kjnua9hsbiwkv742hia4LqLh4v422gcngMcKvSjVdE0/WrQWmpWNvqdur71juoVkUN3YBgcH6Go5PL8PaPLJY6YZ0gG5dPsY1DPzg7FyAWxnjv0HNAGr8ynkY4zS7j1zWbo+uWPiPTLfUNNuVubGYZSQdc/3WHUMCDlTyMVeV1OAT1GQB3HrTHchuGCSLk81Ir/ALwEjevUg9CPQ+1VrrG7d1xWb4m8RReGfDl/qcgErxr5dvD3mmbiNAO+Wxn2BoGcl4V8L+Ivhva3Og6ZY2msaJ5zS2NzLdmCS3V2J8uWMqQ20scFWOQozjmnL4O1fQ/Ftz4j0+O31J9StY7fU7F5DABJEuElibBzkZyDj8a6/RmvLjSbZtRSEX5jBmWFcJnjJAPpnHarxj8zrz2554p3A8nvvhBd+Iv7S1u7u4LLxTc6jBq1s6sHghkgXZHG3AJVkyCccE5wa2NQ8M634s1zw/e6xYWlja6GzXMUEN4ZmnuGUqTv2DCDPAxXoBTbjnpwOg/pTGxnoPwGKLsDxPR/hHr2jwxalajT7HxNY3s89tKkjGG6tZpC728x2A8Z4bDHIB46V65D5ptYpJolgmZctGrlwh7jcQN3scA4qdgvIxjmkZg3XGfpVXKRET8tV5FzmppTtqFuaBldlOfaq03LVakkC9cjPTiqUkinPOKYEEuOaqSc1Yl+8PcZHuPWqz5PQUAV2XqD0qpMfLVjjj2q5Lj8K5bxn4mHg/Rv7Xmt2ubSORRdGJiHijJA3BQDux1PsD1oGaciksQCDyc4P+fWq8jBdwz/AJ9axz4qhS9uPOntYdLSKGSG/a4AD+YpK5BAABAzkE9KwtY8e3Wl6peD7BaXGlWklsDcRzt5hjnwFIGNpOWBxnkDjNBSOtk4HOfrg4+magbPI79a5OPxlqMzw+ZbWKM2qS6dKqszMCu/awI/iITpjowrrWYMoVTn1Pf6UARnp702lbrTS2Kq4Dl+XvT93uKZH8zD0p+0f3v0q7AfU9NPXpml7Uu0YwWK8feXqPeuYgxNY8TW+lapbaVBbz6nq9xC1ytnbMi7YVO1pXZmCqu75Rk5Y9ARkhPD/ia18TWtxLbpPBcWty9ld2d0oWW2nXBMbAEjJBBGCQQc1zV1BceEvi1rXiC+iuJdH1fSLe2W4t7eSZbee2eQtE6RgsFKyZXjB5HpWHb6XqWgr4r8QzXmp+HZfEesLLFDb6R/aN0tvHbiNPNi2uVZ9hk3dgFHU4EAeia9r9l4b0a81XUZ2trG1QPLIFJbngKo6sxJCgDqWArmfC+rXtjrk1nqejajZNrl9NewS3DRskI8kERPtclWCx8DHc1g+KtM1nxj8NrS4sLi88R3en6zZ6msd5p/9nTXMcEiM0CIVXkhSQTj5gK7rRfE8PiCcGwstRW3ZWkkmvbR7QICxCgLIoLljk8Zxg5POCwNfGc9h68/4imyfNk5bPu3/wBannIHNNIzmgCL7vWomxzUrdcVE3DUgIpKavFSsA1N245oJGPTN2O/NSOvFY+va1beH7P7RcC4Ksr7Db2slxyFJ5CA46d8UCNWNiycjk9vf0+tKPmGUG45447jmsPwT4kXxRoNldmO4W6eCGSYT2skC+Y6hjtLqA34etUvHU9zdQ2Hh/T7h7e/1oyQ/aFPNvaKAbiYe4VtoxzudeMcgA51vENxrHia31mwgjvJby5bSPD8E3zJ9nRg95esc9G2lVb0Ef8Afr0lvvHaSUycMABnHGe/euS8K6C1jq19qE1iNPWGIaVpdkcYt7GM/K3HG6VgW/3RGDgjFdSsgZvf1HH4Y9KAINYbUF0i9fS/LbU0gdrVZ87GkCkqpwQRkgDPbOe1cX4E162j1gpADDpPiOJtWsI24MFyBi8tiOzA/vMZ6+bXfbiq5BVWHQtjAPbPtXnOreD9S+2avBpEe2Jpk1zSZi4xb3ykrLA3cLKCDkDGJJPbII9Jb09eh/I/1H50g/ziuE0v41eCtQsYLxvENlayTRq8lrIxM0TEAlXQAlSOh7cDk5Fbum+NNM8SW+o/2BdtfXdtbtImLWaMb9p2YLoA3zY6ZoC5Ne+NtA0++ksrnXNPtrmJxHJHLdIu1yAQhOcbuRxnOTjrxTofGWgSQ38ya3YSRaecXsizjban0lP8B9jg1xXwhi0vUvgRpCakIbq0ltiNWNwQGa7MhMolP3lk8zOAcN0wOhrktVbXo9E+PUlg2mGzW+vRM12khmJGnRb2TaccBSRnPOaYz20a3ps2krq0d/byaUY/NF4j7omT+8COo9xxyKjk8RaRDpMGrNqlmNKm2mK/WZWgcMcKQ4JByePrxXMaP4qv/D9r4JsRpQfTLy1tbFbxbnE3mfZS4xDj5kwvzNkYJztK815Tp9pqHw78I6NYLFJd+E/Fosja/IznS9QkkiLpnqIZSGYdNrAjoc0uoj3mPxloM329Y9bsJGsFVrtVuFJtwRkeYM/LketXtL1az1yyhvdNuodQs5gTHcWzh42x6MOD0J/CvKrWPXZfH3xhfSF0xrfNrHcNfeZv4sMsF2cYwT971q18PfFF5oXw1+GiDR/tWnXmm6bay3YufKkWSWMKuIsfOAcFiSpAYn5sGmI9aVyVIoi+VuSKyNe12TR0heDRdT1oszIE02ONmjAA5bzJE7nHGe9Yx8fXnfwL4rP0t7Y/+16QHb+YDwDmlxjBJxXFx+Or0kY8CeLB/wButv8A/Hqlf4iXMXJ8E+LAR62kH/x6kO52C5boDg9G7HjIx68c8elObA4JxxnJ4/LPX8K+KPiJ+1Z44+FPxY1zT0dL/STMsyaT4ltUiuLZZAGEQeJ+MZyuS3ykZAOQPoP4I/HSX4yWrSv4L1zw8qx+YbyaPdZTYPISU7d59tv41dhHYeMNffwvo91ewxeffsy29hb/APPa6dtsUf8A30cn2Vj2qTwr4dTwv4fstNSczzRBpZ7luTcTsxeWU56lpGJ9hgDpWNeSQ6t8TJlu5VgsvDVlHfRiQ4Es06uPtH+7HFG6g9cyscZAz10eNqlSChGFKnIxxtAPfgjnuOaQFu3llQ8SuF4HLk8D8aSRjKytJ87cZLMT0z65NMhyX9hTpGC/e6d6QHKSSDwn8QFnI26T4nKxSk8CLUI48RN7edEhX3aIZ5Ndb5nLDPA7k47Z7/54rmPHc+i6n4c8R6VqOoLZy2dmL+ecLueyALvDMOMbg8LOBnPGOjVjaN4p8dXejWN5deCLUXElvHI4GuJGS7LuIKmI4J6498UAegKjSH5Pm78A/wCTXP3XxM8O2Md3JNeTGytG2T6hFaTSWsb5IKGZUKE5GOCRnjNMs9Q8UatY6hDcaDFoVy9q4sriPU1uSbgqQoChF2kMQcj054rlvg5rmiQ/BfQrO9ntrd7Gx/s/UbO6cLLHcrlZYmThvMLbmxjLbwRmgDuLPxtpGoXutWdpLcy3OjDN9GtlNmIkZUAlMMSMEBSeDVzw74i07xbottq2kXDXmnXIJhnMLxiUDjcu5RkZ798H0rzfw3DqMnxX+KI0rWrKwjik055o57My5xZctxKm3PIOckd8Vk/DPxLrGg/AHwXqGlWmnXtnbWEKXIuJWE0zNN5eyELwH5zhup24wMmgD20nrxyByP6Vla14q0rw3cWMWqXi2P26UQW8kyMI3kbhU8zG1STwNxAqlq3jzTND1Kexmstbklhb79vot1cRkbQQQ6RkEcjp6Gsf4k6bpnjjwXotjqNu82karqtmHguFaBmUlxghsFCNy9eQQKYHVXGvWVrrlto8szpqF0jyQQ+TId6oQHO4LtG0kZyR1HrWgucjjnIypI//AFdq8d8F6hr+j/EDT/B3iAyajeaPp99Lp2sSAhNQs2e2VGkIyBKrIFfI7Kea7fw/4g8S3mpW8Go6FpdvY7vnmttYNy4UBiCsfkruzwCN3QmgRF4q8YQ6T4o0W1j1JmitZZJNXgt45JtkTwv5LSBFOwF9h55710un6ha6xY2t9ZXAubK4RZ4ZouBJGeQwzzg/SvP/AIJ3RiPjWzvZFTX7fxFez6hHIw3hJG3ROeR+78vABOQApFd1oi6euk2v9lrEmmtuMAhBEeAQPlB9DuHHbtSC5pQ5Vdu/HQcDA789ev4U9Y/NLFmPJyfc+v1piLuLc1Lu6UAhFt0j6fn3NSAcdePpTC/Y09GDZoGMePuD+dNjZm7cU6Y7TjNR+YwPy4xQA5lBOQv1rA8eeIpfB/gjxBrcQzLp9lLOgI4LhTtz7ZxXRW+W4GD61V1zRrXxDoupaTfLm0vreS2m452upXI+mc/hQB5TqXnDxN8PPCdy8h03ULW41HUmeUhr2aNEIV2zyMu7kd+Ow50viB4J0ux8H+KNSsIRpyjRLhGggZo4lZFZ4pE5xG68gFcEg5rXk8DnXtF0yz1priy1nQ3As9X0+UJKkiLtEqHnIdfvKwx8xGCBzPdeBzqmmX9pqetX2ovd27WhuXSJHWJ/vqFVAnzdztzz1oEeb6xfx3Xg/wCGyyaLqFiG1PTU+2v5fllXQblLJKWAbknIAPU812fxJ+Kdt4W8MeJVsFuINWsrKWe3E9q6RNscI5RmHzFC6k45HBFXL74Z22o+G9D0R9XvEt9Hnt57W4CReYGg/wBVuymGx7im6h4fl17xdb3F5p06Wq2k+n3X2udJbe+hZfl2xqflO7nOAR0yeoAL+k+BtNuvDOmCOSSPUmSC4XV1mYzPIux8u+4ZyWwVbjHtXK/D+3s/iZdeINT8QWi3k8WsXGn28MzFRZRRMFVYiu3a2SW3DDZIrrdK8EzadaxWEXiDU5tIhwkVjOsbusSkFIzNt8xlXkDJzjjNE3gf7Hq2o3+k6ve6FNqbb75YVWVJnwB5iiQExyEZBZSM8ZoA8z0zxZqGn/DnXNaluJLnU/BurzWKXrvue9s0mVXjmI+9mM4I/vRg9evT/EL4v6b4b8NeITp1wyaxb6dLcWXnQsIpWXAbY5ADFCwJwc4GexrQ174ewf8ACDN4S06CVbXUZFW6umKlthcNLIzd5G24zjjcfSqmqRX2peLja6j4Za40GGOW1Sdp4jCyyJtdzGGJywGzAA4Y80DMPxJosXh34S3fiXTLia28Safp6aiNUMjNJPKqq5SXB+ZHBZSrZ4OR049G0TVP7b0KxvWhWFrm3imZOgUsgbAHbknj0rlrX4arJo8GgtrN9ceGUKoNLkEbMI1YFImm273RegBIIB6kV2fkpbRwwomxUjwseOVUcdOvAGOR3oAcsKKp44NVpkVSQMetS5LfKTgYznpn6Vl6/rdl4Z0W/wBW1KQx2FjEZpnUZbaOSB7np+NAFtGC85B49aZI53eoriL/AOImp6H4fTxJrGixw6CQslw8NwXurSJmAEkiFQGVQRuwcjORuxXYSTRTbmjlDxffVozuG314+tMBHbvnb9aY25VOODjrwSPfFc/4t8XHw1NpWn29v9s1jVJHjtLZmKKQihnd2wcKoI6AkkgepFK68Q+I9NmeC68Ow3TfZzLBJp90zRySbguxgyrtxnd1PAPfin6gc58R70+CdUTUNBvWstR1ds3+mxQfaFljxhrzbg7ZE678fvAMHnBGN/wnw5EfxO1Erw3y+FiCe2f9T/k133hHwzcWEk+q6rP9q1++Aa5mAwsYH3Y0HZV7D/GuraR1XG9v++v8/lTA8Tl8bl1B/wCFl6tn0/4RbOfzgNReFde/4Sj4kaVa6j4guNY0+2ge6sZbzTPsnmXHAlG3YuTGm1hx/GcdK9qmuJNq/MTjtk8/rWF430CTxNoTLHMtvqloftVhev1hnUHBJ/ukFlPqG9hQNG8q7VUY24XG36Eg/qeacG7d65vwh4ysvFXh+HU0eO3baVuYt4P2eRQA6MQSFK4PU8g5qQeOPDzyQImu6cXuG2wr9pX94c4wvPJ9hQM3XbtmoJCRVGHxFpdxq0mmQalazagnL2qSAyLk8ZXqAfU8VS/4Trw3Jdrarrtg1wz+WqCYZZuPlHqTnt6GgDV+tI/Gax18b+HZrW7uY9atJLW0YpcToxKQkHBDYHGD61csdRttVs47uznW5tZBuSaPJUj6/wCetNFIfMTyfSoJpUtkklmYJDEGd3JGAq8sfpip2z0A+bGQK4v4h3QuLe10FGEbaqx8+TP+rtU5kJ9Ax4+melWhmZp+peMfElqt/Y3Gi6dYzndbw3lnNJKEPI3MJAM49qkax8cu2BrWggdCE0yXP4Zmp3gaSfVLe81R3kW0u5AbSHoqxLlUOPcDd/wI+ldRJwvOenbjPtQBxVvqeu6Dqllba9NYX1pqQaOC5sLdrfy5wNyxspdgd6hsc/eU9OCei+0c46g8/h61x3xE0s/2gu6d4rHVisGd3y2l9FloJB6Z4U+4UDOTjV8K60de0WK4kj8m5UmK5hxyk6kiT9T+RFAGrI43Z7ZrnfGLONEXy7eWdvtERKRJuJUONxI9MZP0Brfk78ZNZmpatZaVCHvdQtrJXJH+kzrED6jJIoA8mvvBuseH/wC1LSytJtQ0d/KNjHFtE1tE3mhol3EcozED/YZfTFYkvg7VNStWSbw7epqX2Ozt7e+LIn2eSI4ZywfO3Hsc9OBxXq03jXw4uVPiHS12/wDT7Gfx69+KzLj4i+F4zhvEWne+2YN/LNAHKyeF9RW9e/8A7Dkl1CPWGu1mDxBzCysDg7+5f2HA4rf8B3VzNpl0buG5t7hbubcl3t3r85IHBIxgjn2pzfEjw06ny9UWROhMcEr5zx1VDXnfxG+PH/CD61YT2VnHrGj3EIWaGRJLaWKQdWSVlw2eOCKYz2XcW5yCvqOc0xqxPB/iq08a6FBq1lHdQRSj/U30Xlyj8OhHuM1udqBjo/u0bjSxn5eKTafarTGfVeKcee2R3HrQKWuckTJXBDEc5PJ/Pg/hzmolzGMLhdwwdo69OPXtnk9akbpimPyCME8djipEEe6aSNXY/M2NzZYg98//AKqxvCury+KtDt9RFpJBJcPIRAcl/lleMdu+0E9uQa5r4mavc/254I8NwSS2tr4i1OWG+nt2KyvBDAZvKUjkbiAvHON1c58Y/B+m+Hfht4w1XSN2nMmjSxJbWs7JHvLptmVd2A4YEbl5OcHqRTQHq7RuwYhSQDjI5FMKsB90nnA4PPFeT6lMH+JHw5s7nSb7Rre2tr+eQ3VxGySpFbptyIpW3YYluRz2zXofhvxTY+LHvRZxXUNxaSpFcW99aNFIhYb1JQn7rDkHuM9+KTA1VjaTO1d2Bk47D/8AVzjr+PFR+S8km0IxOQD8p4ye5xXmPw9s4PifY63rviCOS8nbVryxtLd5nX+z4IJPKAjwRskYjeXADZcY6VU8I2MfiDxd4m0XW5G1PTvC6WOkWVvcP8pZ7cySXLjOHkbO0E8jaQpGaQj1PncF2/MTt28Z3en19qUxszKgRizEYXHNfPvhvxPquueL9P8AAt1eXMugRa1rNv57SOs13a2ao0VuzltzKHkCsOS3lgHrirPxBnHhTV/HPh/Tx5GizeC7jVzaxs3l2FxHI6JJGCW27uTtBHMeQCOaBHuk25VGUIPBG4Y/yQf84qOaITwyRSFisqskhDEMVIwRkex9K8b+Ckk134su2s4rrRdN03RrS11HTLy4Lvc3bqki3ITcyhAu5Q+fmJIxwce0iPeNwII7EHP40CILe1Sxs4LaPJihiWJA5z8qjaqnPsByMVz3jvTrqbTbbV9NiM+saNN9tt4i2PPTbtng+kkYK+zBT2rppvumo42MnQ7T0DenvQBU02+t9d0+11GykE1ndwrPFJ0yrDcMjseTn3FS7VXPPIHqAfpXK6LfW/g3xLqGgXckVrpV80mq6UZWCIis4+026k4HyyMJFHXEp7LVe48YeJPOYQ6X4bmh3EI7eJWQsoPykr5BAOPegDsmjZfmOSnI5HBx1rl/Gl5dtDaaJp0rJqusObZZlPz20AX/AEiftyqkKoPG905xmpdC8S3MiXLa4uh6UiruSS11gXRZuck7o0xjrxnpUHgtH1ue78VXMRjl1VFFhA+N0GnKcxAjqDI2ZWB5G5FP3aBM6fT9PtdH0+30/T4VtLK1jWCGGLhEReAo+gAGepyc+1nzGk2rI5cL03ZIx6cnpSfwjnjqBnGKjZvSgDPh8H6FDrf9sR6RZR6qzb2vEt0D7v7/AAMFhzgnnk5NNHgvw/Hb38K6JYCDUH8y8h8hSLhsg5k4+c/7RHpxxWvH708KG6UxnIf8ILKuuWktvqkdroNvb/ZV0WPT4ygjwdyq5JKh+/BOOARiumt9A0210mDTIbC3j02HYY7Py8xIUYMm0dsMoI9McVZ24NSK3BHftSEzJPg3QhJqsg0m18zVFCX7bObpQCMSHq3HrnqR2rHbwLNY6tpD6NqFrpOi6amyLSY9NRlTJ+dkbeAhZfkGF+Vd2PvHHXeZtpzLuTPegQRqdoOfm78/lj8DilaNmHJyPemK20VLuLLj1oAYuI+gxU0f3lO7oQegOKRo84xS7AinB5oGcdpvwj8HaPr11rdv4ds5NaupWuJtQvN1zMZGOSVaQts/DtxXbLnALHd2OT2quh+bmrHUZHSncRxHj2MaPeWvixYRcJpKGHUoiuRPp7gCcFe+whZR/uMO9L8PJP7J+1+E2mNwNHVH0+XOfO018+Q2e+wgxE/7CHndXXqqS+YkkayxuNskUhwrqeCp9iMg+xrzfw1/ZHhLxBDpWsalHp174eV4tKuLy4EAvNMuBlEbdjf5bR7MdR5Sn+OkB6koC5IPGKr6xqlpoek32p30nk2dlC088n91FUsf5VnJ4y8PvgL4g0jHUY1CLP8A6FWZ4s1vwnqWiSNquu2H9m2cq38yRXseJRERIFZA2XGVHy9+negDkNN0u81zUrLSdShZbzVZ/wDhJfEceeI41ZVtbM9wMqikdxbv/e59ZZWkcszZZiSW569c4z/nArk/h7pt1Dpk+r6nGYtX1ub7fdRsdzQIQBBBn/pnFsX/AHi56tXYDHHegAVe5Yk/Xg++P85qo2iac2rf2oNPs/7UUYW+Nuhn/wC+yCwGfQ8Y9OKuMeKRfmNAFSPQdKhmuJU0qxDXAZZm+yx7plLZ2uduWH+8SfesTXPAq3n9nf2Vqs/hmGxLOtvpdpbrG7kAByCh+YDcB6Zz1rqtnelZQy0AQrIRxkhe46HPGTxx69uuDVbUtHsNa2Nf2VrfSId6NdwLLtbsRuHBHqKssOc+lMyd3FMBk1rbzOHmgjlYBlDuoZgrABlBPIDADOCN2BkcVgaT8OvCejahDfWHh/TdPvYvu3NtaRxumQQxyq5yQT78mukQdjzUmwFcBck8dcfr2pAcz4g8N+GNS1LTZ9bsLC41F2NpayXcCPKW2tIIxlSSAqMeT27Gt5U8uFAo8vywE6dF7Kx9sdeMdK4A6pe/ELX7j+yBY2lh4W1cxJfXySP9ovFiZZtqKyqiJ5xUk7snkDjNPh8beJY/GHhHQtS0vT7STVLa8kuogJGa3a3kAKxtu5VwysGI4zQI9EBPBxwevsfQ0pZv4eT7c1yPhHxZqOueL/F2kXkFmsWiTQwRz26urT+YgkVjklVwvykZOTzkdK66RooVd5n8uKMFnY/wqBkkj6A8H0NAEhxIoAZSxx0INQPP5MLN824AHbgk+vT6Vw+k+N/Evirwu3iTRdJ099Mnhe406wu55VuLuMEhXDLlUL4yq4Pblc5D18YXfiTW9R0rQLGyVdJWIX02q7/LW4dQ/kIo5yq7Qz54J6EZo1GdjHdLcZ+bJBIBzx2/xqRZAsgVsg9OQa87j+L1j/ZvlR2DL4mOqf2G2kCTawuwCd2/H+qK/OGAzgeta48XXWl+I9K0LWbG0gl1jzI9Mu7GRzA88ahmgkVlBDHOQwzkKenSp1F1OwVvLDFWxz6isrVrnxIt3s0nT9Lu7PZu8y9vZIZQ3cYWNhj8a4Sx+NN2NNs9T1Lw/DDpMmtNoc1xa3bNJFMJGiVjEyDKF1HIbIBzjtXqxjEbOBjGcVRRxk2oePVGBoXh85IO9dWlHY5H+p+lRjVPHp+U6BobDOCRq8uP/RNdoYV2cZ9+lRJH5akEEhj04/woJOYXU/HPl5HhzQ2Cjjy9alB/Mw1VbWvHRmUN4V0kZHJXWXI/9E12jRqF4GPb/IpGhU4PtjoKBa9DjY/EvjfzvLXwjpr467dZI/Xyat/2x40kXJ8I6ap9G1r+phrpY7VPvBBu/vVZVFVeRg+o60DRxEvibxrDhD4Q09yc/c10f/GhUEev+MDasx8H2e8g5b+3VUY9x5RruDEFO8Elu/Jps0ZVcZIB9zQB5xq2qeI9S0G+tL7wZaixntZFuJI/ECjYu05bIiByOvHpXx54U+O/xQ0TWpNJ0HWL7xLbRy7YtPvLc36nnA5+8MAAcN78V9/XWn2t9aTWl5AlxaTKY5YpBuVlPBBB4qrpWgWOhW3k6VZW+nR/3bSMRD8dvXoKAOE+E3jHxp4o015PF3hCLw4+3fHPBcgiVs4KmLJKevLH8K2/iJ4TPjvwPrfh5ZRDNqFuY4pDnAkBDJnHbcBXVG3CjGB69OSe5qEx9dwBFAzyTxNqWoeKvhjdeGP7G1Cz8Q6hbCwnhmtWWG3bIV5fM+6y4zt2sSc8gVV1XVG8LzJp/wDwnd5pRs4kjWzOhfakTaAOJBHk8jPJ6sa9hmzg4YqO+38sY6D8Kg3MBjcQBxgn/OapAeZeONB1C41rwj4t0+2l1t9IWSG8tbeNTLNbzpgzRpwSytzt9CfQA9XpPiRNcuAtpY3sdmqsZJb+3e3cPkYAjcBunXIA+tdDEu6RQACSdiAKAM569DjmsXw/4gh8TaXHfwJNHC7yApLyysjFCCQTnlTxnoKANBiSp9c8duKYzGnMGLABWJIzgDJA9ahZu9ABI4CioprgYC7sA8HHWklk9BzUYB3gjj3BwR79KY0eN30Op+BfGfiXxpokct5ZC+dNd0eEZ8232oyzxKowHQPz/eXdnFZd9frqfhn4ZajoyW94za1N9lacGNHDpKQc7dw4B7du1e1WPhy00u8u7q2EqPeOJLhWmaVHboTtckDjjAwOBWRcfDXw/eWdnbvYNDDZzG5to7e4dFgkJJJUAgcE5H5UDPJfGVxrqeJviFOLe3ttUbwxC9sbCYuu3zJAXVmAJbaG4P4V6b4VtdHvvhzoSulv/ZRt7eWN9wCowZTGQcj59/brmtf/AIRPTI/Ej6+kEias0Yha5WZ/mjAOI2XOCoyT071RsvhzoGmXrXNhYtZ5cyi3inkFuJCD86xElUPJ5Ud6APMbePVlh+LVtp8OnG0e7vTJ5zyCUBoQx2lRgjuM89a6Twt4tu9C8G+FZ00hbvS5ra1hluFnAkR5BjcqY+YAgbuQQCTg11sfgnQrNtS+z6f5I1I5vAs0h848jLDd1weTWNeeCby1lsIvD97aaXplqMrYywPIQx+8VffkZHH400Ui9rfxC0fQb77Ndi+MmFYmDTp5kZWGRiRUK+3XqPxrjLdZviZHr2q2U6hbiRdOjWUMjx2qNhxtxlWcEtz/AM9K9T+aNTubG4YJXOcc8deRyeOK43xBI/hfxdDrWANO1aRbTUWzwlxwIZu2N2fLY9zsPbi0M6S3tY7O3jhQbY4xhVwB2APHvjPtTZsHI7EYP0qR2DcjHqG9vWoJCRk8n+tAGV4g0mHxBod5p0w8qOaPaHUZaNgQUkXP8SkBh9K5HT45tD8XCB5Fnk1OyW4vNmQBcRkIJAMf8tF/WOu4uZo4xud/LiHLOegA5JzXH+FWfWb2+16YYa8ciJCPuxDhB+QJ/wCBUAdA+CpzVC/0+01CNUureK6RTuAniWTB9sitCRQ7Y6Gq8uVyKLgY50ixhyUsLNB2226D+lCxpDwsUaD/AGVA/pV2RcrVabApXArNgMdp2k8ZAGf5VzniHwNo/ijVrHUdVtjfS2K7YY5n3Rqf7wXGM10bNz0qNucimBAuEQIoCKOy9MfTsfp+VFOZKTPGKZSHRnbwak3CoM80u4+lMD6uGKdtOM0bfpTj901iJkLZFB5X39fT3pW+ahsLSEYvijwnp3i6zit9QSQG3nW6t7iCQpPBKvSSNxypPIPUY9RxWD4g+HVn4h0G+0vU9R1bUI71Eiubia5XznjU5CAhAqrnk7VBOOTXat81MPFIDkr7wjb3GvWHiATXk2r6ZbSQWkclwqQtuTDCTEZzu2qCcdsjpgp4Ns9agt72bXbSxhv7mbzpGs7hpvNbAXLF0UqoVURVGQoT3NdQ8e7nAP1pvl85OCfXFIRyDeALS31O9udP1HVNJgvpjcXllY3WyC5k6FypDeWzDgmMqamuvA9jJqh1Gwur3Qr1raOzlm0uURtJCn+rU5Uj5Mna2MjPHUiuoZRj3qJlO72oA5a4+H2irpOm6fbQS6emlyGWwubSUpcQOQQ7hzkkyZbfnIbccg1TvPh3p+qaXrdld3V/O+tR+TqF+0wFzNHjAjDBcJGFJARQByfXI7OZeKiYLx2oEc1F4F0+HVtL1SK4vIdT0+0Fgt1HMN89uMERyjbhwCMjI4OcdTXT9FPbnPqfz4pqxDqDT24wDQIjZRIMGmeXsB246d+n41NxTGBPSgChq2iafrtqLfUbC11O2R/MWG+gWZQ2MBgGGA2MjPofYGsP/hW/hVuvhfRCf+wdD/8AE11jLgVEMK1AHND4a+Egwz4W0Rh/dbTYCPfqvpWyrN5vPHsAAPr0/lirzL3qrMo3cdaACRuMimqx/Go9xWnF9woAnjYN9akUkZqtFnk1JGTmgCVWy1TKp4OarqQGINSFugoAdt3HFKZCvFIpOKazDv1oCwe9TRZ71EnzVIuaCSfcFxTXk59qjfJpDkr70AOVhz3qQ71xjp+lMRtq8rmpUyw5oAbGV8xsjPrnpUF/o+nawsa39ja6h5efL+126TbAcbgNwPUqpJ9h6VOynzCV4zTh5nqDQBlN4K8N8f8AFN6Mf97Tocf+g0q+CfDcckcieG9GjdGDK6adCCCDkEELwc1qNv65AoVpGI5oALhQWB5zknOeeST/AJ9c+1Pt5Dt2mlkWRlBBGaizLuyCMd6ALLMKI6q7pFPGCKkWRumMUAXNwOR3pjMR24qJzKpUqEI9yafubjCqB35oAQZ79KVVDNUUnmEfJjNJG0yqchc0AWNvvzQrmNgwySpz0z+nf6UxXLfexmo5GkDfLigRwHh3R9X+G2veIoLXRLrXtD1a+fVbWezniEtvNKFMkMiyMnyhlyGG48kEVT8VeF9S8UeOvBd5qfh1b7TbK3vY7zc0U0MMkoj8oHc4LFdhDHGBuyAcV6crNxx/31g/U9KexwOmOMDocD8v1oA8g8P+D7LwrrfxDfUdMufD3hLUri1uYZoplgWVI4hHJGDG+8bm6eoP4V3PgW3ebwLb6bqF+96Xt5oJJ2nE0ixsXARnyd7RoyqWzyVJroL6zttVt3t7yyt7y3ZlYwXKLIhK8jO4YPIB6dqgsdNg0e3W1sLOGzs1ORDbIIkHckKBjOSfqTntQBw/w5fW/AvhLTfCWoeHL68vNKRbO3v7Mo1rdxjIjlMm7KfLt3AqMEHGabpumah4H8Y+JtQm0641HTPEM8eopNpyeY1vdCMJLEUJyUJVWVxxyc4xz6OzSbTkNgn5stwe2cDAzjvzTc7XbA27hjjI7dyCD/SmM8Pb4W642qSeNo7bZqx8S/24NFZlDG18v7O0ZJOPNKHcBnGRjvXX63Yy+PPFHg+4TT9S06w0S7bUp59RtzC0j+UUWBEPJIzkt044Jr0CWVlVgEL854Ptjiq6SOM/6OwHQYwP8fypCPCNB8BaxpxHiOLQb+4v9L128uZNDv0JW6s5p2ZZYAx2pIisCCMbsFe9fQGn3y6lZRXSxXECyID5d1EySIf7rAjggfh702SVsqwjYDoVUjj3yQfy4pizyMV3Q7Tgg9Oeevr096YzQimRTgnn1pZGVlwKqb2HWM09WLR9MZpAJuOeelS4DL7VBuHIIOad5hUdDigB7SbcAfjSLMW71AzFugNSR/KvK4oAsR4ZuSAKS4KtjBqs0hyflbFRNdAcbGoAkdeeelPRglQfatw+VSW96csufvKQaAHSNnmq82DjFK83zKMHFRPJu6A0AMkXg1AV2sDkcEGnSSEA8Gq0lwSpG3nt9e1UgOE+KniK+0hfDWlafcSWlzrmorZvdREB4owjM20nu2MD8elCfDxNMeCPRtU1C0slSZZ7M3MrqxcZEoySVcOu7IxwWrX8c+E7bxrpEdpJLNZXdtcLe2N7CAXtrhejgH7wOWBXuD1qpDa+JpH3alqmnymMMVSxs3jjkcjG90aRvfgHGTn2pgeIt47uLn9n9JzqmuHX08t3vsXQLP5+18ynKlSowNxI57HFe3WfibS4b+30eTUoxqcsYkjt5mIdxyc5IwTjnGc4GcVxUHwo1GP4T3Xgl9WtykhKJd/ZGb5Gk8zBj343BsYPTHpVnWrPUZNV8NwJbXUt7ptwGnYWg+xSx7CrMG/vgAYwe5HTmgpHocp+RvUEfrT9y7QRVfzCyqqxsqjoW549Palzu70AWsh1pnSkjbaOaGb5c0ARlaYfl+lO3d6bkNQBC/3vSmKDu55qaRfmFMbGMDrQUiOQ5I5waoappVrrml3mnX8fnWd3E0My/wCyerD0YdQfUCrhHzcmopZdnQZNWmM83h8cwaHptxouua9ZaV4isWMHnXsWROg27JwuV3Bl64PBJ7DnAm+IMxkUH4i+Hdgxwmksx4Of+elestDHN/rY1cLjBYbjxkDqeOD29KiNum0gKoX02j/CncDzKbxfb+JNJg0Ow1WHV9TutsNxdW1q8CpGMszbTwM4xwT1rvLe2js7aOFECqnygY6DA4/SrUkS5BKgkcD6elMf7pOT9KVwIH9arSYbNWJG+U1WY9TQMqydetVJetW5G3k4GKqyLzikOxAy1EwqVuOaifpVILEW4BqYWHNB6mm7aYArZbinbjTApFLg+tAH1iGIp2eKZnkU7tishMY3GTUTSc96mKjFRMmATQIQGkbvStgim7aQDW6Uwtin7hUchFIljWYVGzDdQzDPNMZcMMUhoWQiq8mWYYqVs9e1Rk0CY5cikYksKj3HdnoKfvX15oEKMk4pxUjmlVl20jMMUAIw3DimBCWNSK1OVRuLGgCLadpBqF0/Orb8VBIuOaAKMi9R3o8s7akcAtS+YqjoaAGldq0isR060M4bpSBuaAJP9o9aerZYU30pWYKhNAE60x13URNuWnMDmgAjO0Yqwo6c1Aq05TyCO1AmStjoacMSde1IqhlJJ5pI5NrcdKBEu0YxSrgUh+7mmpyaAJQyt0OTQ3yrnFCoqKcDmlbD8nrQBGx3rxwadGuFAPWk27TTsEodv3u31oAl3DucY698VA25iBxgjPBB49a5XxX4suNJ8R6D4b0v7Ousaz50iTXAJjtbeFVaSXaGXe+WAUZ6kZ9CzRfFl9D44n8Ka0YLi8ksF1SyvrWLykmjV/LljZMth0Zl+YNghz6UAdejAdBzUiruqKNc96l/hPY+9ADs9jT+MVBuxgd6erUAOZe4pMd8c078KSgCNozuFP6UN2NIWpgOV6RpKbSHFADhJu96Ff5unFIiqvSlxSAfu3EYp/DYBqMcUob5qAHsnpTUwOCM05TluaNvXHJoENCjoB+dG3b708KV5I4pu7dQA6R1ZehBpm7k+lLt4pVTvQMjxtPvU2QE55pkgwgbtVdp+eDmgCfHPpSg4PqPSoYyX5p4PsaAHMS30qFwB2qTcB2prruBINAEXljGc4p+Tx3pGGVpVbkDtQAxu5pm3qcinP6Hoahk+UdaYEdy6jgVT43c1YZQ3NRuqjoOaYyOXHbr7VQcY3fyxVxiV6iqcw6+tA7EBOW4HTmmtgYwMBeAPTPXp/hUwTaM010yvFAEUjfIABgelRLgNzUzqV6iojimA51IxSDJ4o3YHJo8z3oARvl61CxPanSNUZU+tAD93AqJjTvamN7UFkLZBNRP3qzx3qCboSKpAVWX5sCmS/KMVMV7nrUE0gVvX6UwK8mO9V3/AEqVm+ViePrxUEisvJVsf7px9QelAFeU84qBu4qaT5skcgcVUbLHpTKRDOpVsjpVds1ZkJbgdKrP1xQMib7uKqvksfSrTd6qsfmNAEQ+U800/e9qc3rTT60wF4FFM3fWloFqfWO2jijig+tZADDjio2zT24FRMCaBCe1I3Ck0v1ppIpCId3XmmSZ25zipNiq2e9RTOE96kCMEHgmo5GKg85prTqpxioRMG3E9KBEzPtHJpu4djVJrv5gu1jk+lK110AHzE4A70CLLMVBBFNVq5xPiF4euZI4Y9Yt3eWf7LEy7vLlmBI8tJMbHbg8KSeCelS3PjXQbC/eyutVt4LmOVYJN5PlxSNgqjyY2IxBBwzA80COi3nbx1pyfvOehrF1rxNp3h5YhqNz9keYkRxMjGRsdSEALED1Ax71Hf8AjbQNL0uz1G61qzt9PvTtt7tnPlSH0DAYzweOuRjrQB0K0vmDpWVpOtWWtaf9r069t7+23mPzbeUOu8feTjuOOPcVcjbcue1AFsqWx2qKTr0zTlk3fUU1pFXLHtQBUlXnI4quzVYmkVjxVGeZY3wQT79qAJN+0jvTi3pVV7oH5cVNG3yndxQBMJDuHrVhsMMd6ohvm6dBmnQzEzkdeM0AXYWKtj0qVpORVRLjbIc06S6jK8NgigRbVqVaqJcKCuTweasiQY4NAiTbjvzTuKjPOD1pyyr9TigYsknGBT4c46c1HuUgngUnngLjOKBFoSdcg4p0fINVwysmd9KLgK2zPbNAE5XLYPSjzNrAD6jNMEiMudwz6VG0yyH3FAHM+MPC11ceKPDPinSIo7nUNC+0wvYyv5f2i1nVQ4R8HbIpVWBPB24JGag0nw/qOrfEI+L9UtV0tbTTTpWn6e0yyShXkEkskhUlcsycAE4A9+L/AI98QzeG/Beu6ta+W13Y2ck8SyjKlgMgHB9afoXiWXUvFHiPTJEiWDTjaiFo1Kswlh8xt3OCQSccdKAOi25xjr3pZs4HrR5iqpOaZI24Fgc4FABy2DS7iqnIzTI5/wDR89+1RQXBYtnj60ATRzAdRU4kHrms+WXySvvUkdwF6D60AXj0pgbPaqxut52g4PvUvmfJmmBIRuUjOKh3Nux1HrUSylpdpOO/NWwoK8UgGxtu9vrT1/CmNhVyOntTY2EnKnn0oAsUbfmFMWnsx69DQAevGKaGw2aZJNhgDTn+bBWgCVZdwxjFN3BetRDKqSarNJukHUjPQdaANIOPrSFvSolHYdutN3c9aAJ25XnpUKxruzinK4PekJ25OaAHoPL5AqRcYyetV47gSLntQznoMk9h6+1AE7KGqJk9DTo1eSMOo3IejDp15/z7Ugyw6YJzjPscGmBWZWDdeKZIx6DrViTbtIzVVQ3PHFADGnZzg9aRmJpxhwCx60xvlFACY+U1A/3qs8Dqagm6E4pgRv8AOuKqPCd3PSrX1qCSQZx2oKIJFA6VXkJU1Zk9arSMNwoAjkYtwBj8aZxtx3pTndkU33NMBkg9OnemU9zwahZgFJoAdJnGc00N8p7UbwwB7VHuHPpQA773Q5p3GKg80qxAwBTWbPemUOYnd7UxuQaj+1LnaDk0SSbV5pjGSiqe35iT1qaaQ7GIqt5qsu4HmmBj+LtTl0TwvrOpW/8Ar7OymnjJGcMsbEHHfBGcd8YrzS9hfw54P0PxPa3E/wDajXFt9pdpWbz45yodWBODgvuBAGMY6V6xNIs0MqPGskbKVaNxwykYI/KuKj+H6WtvaWB1Ge60W1nEkFjKg+Qg5RS+ckLk4z/SmB1S/dDEc4P881E3zZFS5/d4IAbBHfjmqkkm09aLlIZJ8pqs/LZqeQ/LUDUDI26Gqrr82KsO3WoW70wIfbsaY2V6EU91+UGo2XHNADdxOaNzeopo7il2igD6xU5NObHQdaao25ozzWQhGbpR70xmzxSb+1BIkrbQaiNSSYYj0zXLfEbxd/wgvhC51ZLZbu7M0Npa28jFUeaZwke4jnaCwLY5wDj1qWB0bE56HjPb06/h79KqXMmcEEe/I46A/qcVxur69q3gXxB4YTU9UGt2OtagmlSs9mkP2e4dGaKSPaM+XuQqVfecYbdniuCn+Ml/bfCnxNqkvijTW8TafqFxb2dq8MAkKxTmFFaIHdlgNx/OkI9pMZfkjB5BH8/51E0LR7QPuirUMMlpEkM0nnSoFV3KgEsBg8ds4zRu656dc+g7mgRW8s7QCQT9QP51xvxk/tGD4U+LJdIVxqC6dMImiB3A4Ibae527unNbOueNNP0W8WwRZtV1lwGTStPUPORnq5+7EuP43IAzxk8VY0L+2ZLczazDbWF475S3s5GfyExwrSEAO+c/Mox7npQIxtLTRrrwv4chtDaXFi0NudLUHerOgVoxGAScq4U99pRs9TXnXhe6tLb9le+GoOvnvp19FqMUmDI+oM7qYypwxkMrKFU5Y7lwccV6/Y+EtE0e6lurDR9OsLmbPmy2tssbPnrkjnnnODzk07/hGdHbVP7UbTLQ6nkN9s8hRJuxjcCMYOO/X3oA8s+D9prOm+N/ElrrzyHxDBpGkQQtI4LeSICJtrED5ftAYMx77c44zyl0t7NC8mlCH+zb74kRyaLvGIGVVJZlx/yzM0cp+XqWJ9Afe9W8M6Vryp/aem2d8Y8iM3EQcqD1APYH0HH1xmnX3hXRtSWzF5pNldCywbVZYQRBjp5Y6J/wHkYz3oA4n4HM1xpPia/vH8nxHfas0usaemUS0mVFjWNFYktGURGEhPzZ6dcejxqwUKRUMGi6fHqk2px2FsmpzRrFLeJEFlkRQAoZurAAYAOcY960Av0oAh2lVYiqkiu2TWjwB0qIpub2oApMrSYCjNU763dVOV+XtW0sfl9BmpfIEi4kG4HtQByccJLE9R61eX7uTzxxTryBILhgikJ2qPd3oER+Y3mFsHpjFTwIVdj6iljIyOKsDa+e1AyAK25m6CnbQ0L45PtUigbSuTikhTy9wHSgCOHeoGRkAY5qfzC3TgDtSxrubnpTW3JIcDFAWLTOfJIGeRUafKoUjoODTkLbc09ecZoERtIFjb5W/KmNIcdOPpVnr1pY1H+TQIrLMMsMHFDOXkyBggYHFTSD5jjn8Kkj64C5Y8AKcE+2fegCPcqFF/iPX/D60rKG5ztGDncQO3X/AD61xvi7xBet418M+FtNuPssmpwXF9c3McasyW8OMqgYEBmYqu4jgFj1AqrZ+ML/AMJ+O73w1qU93rlu2jnWbC4WJTekLJ5ckTABQ3IVlbA+9yRgUAT/ABigVfhj4oUhg/8AZkzeh+4SMZ659uTVfwbepceNPGLQusyM+nnzIzuBItiCOPofzHfir0nhrWfH6CTXmfRNCkTjQLGVhNMhHP2qZCDg55jQ7exJpl18N4vD8z33gxrXw9esFM1j5A+w3m3gCSMfcfGAJEwc9Q3QgHXtIiszKcjHrQs3ZWxlc89KwtA8Yw6pfHStUtm0XxGEMjabcuH85R/HBKPlmT6fMP4gK6Qoq8bV9Bz/AE/xoAhgkDeUp57EU2NOpL7Qrnjt0q4sKLggAYpoVd2NgIznmgCGRRJ5ZbpniiADe4znnFXHKlcBVUjpgUxV6HjpzQBScneXx0qZn3ALnqM8VLHGNxyO9SfZlyWA70AVY4/3m5j0FS/aGbA7VY8pehqPyQOB1oAbG5XaN2QT3peIZJcZHGc077KGAz2pZI1wc4z9aAI45FkwDJtbG4DvUskx2cHpVRLcJJuIyexqVlG09qAI3k8xuvNXo1Kxg5qnCiqSOcGrkb7htHSgBxY+pqu0LbN2SBuxx1qw67h14pixhVwM5znNAAZX80p93/aqPDLI5Z/kqdYy2cnJNMFqGYkk49KAK4kzkrmpNxaM9+KmaH+EjA9qb5Pl5AyQaAIY5vLhXGBTkmaRgB1PA479qRbcPnnAFPjjVGA/CgDzDwgsfxC1nxde69F9s+zaxNpdvaySMqwxQ7QAgUja5LZ3fe9PWtH4VeIdSu08T6LfTSXzaDq0tjBeSn95NAAChfuzAErlsk4HNbl54Hntdcv9Y0LVZNHuNTCvfKLdZo5pVG1ZcE/I+OpHXAp/hrwrF4TsbiKF2mnupnuLi4kHzzSNjLk/0pgbhJcc9cZpzSMq021j3HcxyQMVLMoZTikBVaQluaSTpmmyKd1BzigCFmZGz1qs8zscg4HpVuQ/MDUTwiRRjiqQFWSYtx3qvMx2kmrEkYjINRSKGUj1FA0V2kJwBzkZqCQtz3qbySuMHkDFRmPGRnrSuMrNIeMA0xpX28dadJGccHkVXkiP94g0xCyXDKpB61V85/MwelPdeOefeo1B87FMY8yHAANN3naec1IY9x+lRogViDQA1ZCZO/NOZu3f0pzKByKryZeQH0oGIqhH6YqW4x5Y71H5IznHNLx0NUMrzSADA6d6qKq7zjoauSIozj9agZfmwBz0z+OKpDKE3zN6YI/nXmmvXtzbeI7lEnlRF1GzPDnADwcjHpk16jIBxxhmXcA3GfzryHxzrdlp/i++SVmCNdWEpuFUtBGEGGDuOFP1/HFAHpe4sowST161BIo3ZPWrceyT50II4IKnIweRz7jkVHIqlgeh9KQys3zcVAxwamk4bioW+b600MgkPNRO3WpJOCahk+bpTGNkYbQKibG2nNmmGgCP3pd1J60lAH1qrAmo3zupw70jYNZEsZ05NRFutTbRUbRgHNIQi+/Suc+IXhKLx14YudKkuDZyGWK6t7oJv8ieJ1eNiuRuUFRkZGRkZHWuj/h460mAzAHp3pAcJdeGNV8Sa9o2pa8NNiTRp2vbWysJpHE92UKrJIzKNiqC2FAYksCW4weW/wCFW+IV+Dt54O8zSTqFzeSXEk3nSeTse6Fy3JjLFs5Xntg5HSu88G65ceItGmvbllYtqF7DHtQLiOO5ljTPqcIK3GUbhn8aQEe9m5barkfMqnIHsD6UoHzZJHr/AJ96cyg+lMT5p09NwzQScf8ADmNfsniC82qk95r1/I8mPncLMYwCep4j75rqPu9PXP8An/62K5f4YZk8JrKefOv9Qlz9b2fH6YrqW+UjNAhxbdxTMkNjHFOX1pd2/jvQA5V6U9sAU3PQd6RjQA5G2804Nk+9RjpRzuxQBL60innpTkQfjUmwKOaQCx8DOOaeM8+tNVW3gAEk9ABkn6AVhzeOvDdvI6SeJtEjdGKMjalCGBBwRjd2NAEuor+8x1+lZ+75qjvPGvhnqPE+hnjJ/wCJpb//ABdR2ep6fq3mtY39pfLGVWRrW4SUKSCRnaT1waYmXo16HtUyYWqysenvgiplb1oEOLbeSeKeJAuffj6VFIryRsIQhlIIQSEhS3YEgEj8q81t/ivfn4X6P4wOiWbNqF7DZrZC8dQglnECNu2ZJDHJBGMd6B3PUlk4PIxnrSNLvwSPauRXxrdatrmraXomn29+dIkjt766vLtoYRcMu8wx7Y3O5VKkkgYDD8I/D/jq61fxJZaVe6E+lS3Glyag5knDyRyxziF4mUKBwT94HnIoC53C5ZeKcvy9TxUUcu3gUu4MeaAJgy9qk6LUKt2GKl3DgUDsJ9aU42kYNIzKKFYGgk5fxd4Wl1bVNE12wmhg1rR2m8r7ShMM8My7ZopMcgMApBAO1gDg03SfDF3J4wvPE+sPbHUjaHTrW1sS3k29vvDsd7AM7O2M5AGFHFdFqExt7G6kQkSJDIyMBnDBSQfzrL8F6lca14Q0PULp/Murqxt55pMY3s0QYn25JoA6aFty89clvz9vpSSL1yOCMVHGSpqdsMue9AGPr3h3TvE1j9j1O0W7hyGQklZInHR43HzI47MpBFZPw8vLu403ULa8u5dQk07U7rT0upseZJFHIQm8gfMwBxu6t1JJrqmXGP6VxngOR1m8WLjaF8RXgx9Qh/rQB2qqT3yKX+IAdO9RRybac0gUjb196AJJF9qRU2+9CybhipFwMYoATaMcVIi8VGT83FO8wrwaAHMO9QnluKlLDFRbtpoAcrHFK0Yxk9aPlOMEZPTkU1m7g/LnGaAG42n2o8vJHOBUbSDOCcH0P8qex+UZ4+tACyjpj+VFvmkYlUzkH6HJohk7GgCx96lCn8KasgFP3FloAWlZumKi3UbtxzQBOWJFMcmm+YFUkmomu1UcHnoP8KAHsAB6GhRjHc9aj8wzKGVWYEEjap+b6ev4VB5hVmzyMZA7kYzwOtAGF4ou5rfxd4MhWV44bi6uYpEjbaH/ANHLLkd8FSfyqt8N7+fUPBdlPcyyTXHm3ETMx7LPIB/IVQ+JuuWfh/VfBupX0/kWsGpyGTapeTabeQAhFBZuSBwDR8GbqG+8DxTW86T25uroqysOQZ3I46jqODg8gYoA7yNSMYqTsR3pwxgcY47jFMaRc0wIpcc5GDVZuvtVyRQ65PXtVWT5RinYCvLzgd6QZ24pZPmNRFsHFAxsy7lqpKDVt8iq0mFUsegGTQMrtxyTxULSKedwx054rN8UeJrTwvaxS3QkkknmW3t7aHBknkIyFXPHTmudu/iKukNKNY0i80tEtZrsTO4kjdIwCwBHRsEdRj3osI6yQgMRkZ+tV5uUz74rl9P8cSX2pWVrNot1YLexNLb3DyLJFIFCkjIPynDD2PY0+48badD4sg8OuzLfz2rXScfLtXGRn1wc4x0oEdArelP4Zs5qsrYyO/8An/P40uS3FMaJGGCSOlR/d+tOyQuCaYxoGG6o+A1LupjGgB7MKjz1prthTUbSenWgpDnGT68dAM/hXmlssnjTxd4it7q4uLeLTrgWNt9jnZPL+RCZMjqQXHBPPSvQ5H2qe4xyK46/8I3UOt6hqmi38dlLfoovIbi380M6rhZUO4bW28Hg9BTuwOe8La54j8XeGoLeKeO2eOeW0vdSXCyt5bsmVXHVgDyfXNdZo3h2x0Gxa2tovkdQJxJh/PPOS+Rhic45H4GpfDnh+38NaXHaWx3DJd5O8jscsT+JNXn+9nvViucbN4XvvDLGfw0FntNxZ9DuXPl+pMEhOY2/2T8n+720NG8SWmuQzGASQzQvsntLlSs0DEZ2sp5GecHuBkZFb7Dd1rlJkUePJzgbpdLgYt3O2SRRk9Tx65x2pDNlvm71C3y0rj5uKax+XFMogkBNQsxU8damkYCq8jdcUxkbMec0m6lyMc0jdKBjPWm01m+anUCPrPNN2s27CMdo3Nx04yc+n+e1L3GBkk4A9c9q861ll8XfGI+HNQVLjRdL0SPVRYzD91dTyTGMPID99Y1TgHu2T0GchM9GaF1P3GPGRweR6j1HuOKZJG+0sUIAJBPBGR1GR+H51438UvCOm+Hj4fXTbKV/7U8U2Ttp1uwVWVYm3IillARggJUnaSSMVPod9FN8afE9/d6Ve2T2OhWJS0YpLK0ksso3okbsrMyoqgjkDI4FAj1ZpFXv2zUc15DYxyXFzKlvbQgPLPKwWNF7kt0H51xtr8UrPxFEsPhOwvNe1Fw3mRsht4rMg4InlZSFIP8ACodvbuJrfwL/AGpOl94ru18QXSvvhtFjMen2zY6xwEkyMP8AnpKSxI42jipYFH4N6laav8O7G4sp4rlPtN2ZGiYNsd7mVwjejFTuAPUHNdkx+UEcjpn39PrXPeIPA9rqWqf2xp1xJoXiHbtGpWaD96vy/u5k4EyfL/Flhn5SOKo2/jxtJvI7Dxhbx6NdyN5cWqw7m067PbD9Yn/6Zv34BJwKQjrDJ1qNJFjcSSN5cKEO8jnaqrnkknoAO/Suc1zxta6TqB0u0t7jWddI3f2dYAF4gejTP92JTkfeOSOit0rN/wCERuvEkiz+LpYb2KNt8eh2e4WMLdRvJw87f7x2Z5CUCMr4U+K7C30HTdBuJfJvibhrWZmzBqSmZmL2sg+WUDJ+XIbr8uOa9Bdi0m0HLbtuPf8Aw9+nvWfq2i2GuWDWGoWUF7YSEbreWNdvHTAxwR2YEEfpXL6noOp+HfBviKJfEF9dWMFhJLZSMT9stikbEo0yn96gwPvKGwPmY9aBHdQNu53LgdfmBx9akUhcNuXBGRz2/wA/zrx3RvGGr6xp1p4c1zULjTfF+m6nZ2d81rI0f2yCQgLcIO6yovP91h9KrTeP5NLtPimt54g1n7RYXlzHpoZJpBbxx26Om11jK/fJySc4HOOwB7fxjJ+9jIGPwqKQlWOeMEg56dv8axvAst1eeDdCnurmS9vLixguJppSHd5HQMx46csaxvH3iS/07UvDWg6bKtpqOu3j263TqJDaQRRmWWRUPBfAwCeAWB7UAdlHLuXIzn0PBznGPrnt1PbipsiPqcd8t8vHr82K8x8dLr3g/wAJ+JNW03xLey29notzcRJdiGWWO5jClHDFOVYIQVIB5GCMnGfL4+lm1b4ZaZpHiq4nvNUuBBqKpFGzXCi3aXcSYhzvXb8vRSRg9aAPZAdrDP8A+seo9adJIPfFZ9nq1hqjXP2K9tbzyJDHKLadZDC/XY20nafY474zirEkywo0kkixRRoZHkcgKqgZJJ7AAcnsKlgYPjbUrqa3s9C02TydZ1xmt4plPNtbrgzz/wCyVQ4B/vsnrTfC9j4a1LQYJtK0e1XTI3a2t5JrWMmZIiY9465UleGPL43cVxk01z4ouPNhZ7W/8VR+RZgjEljosZy8xPUPNuJHvLHnHl16ha29vY20Nrawrb2sESQQwoOEjRQqqPYAAD2poDMvPDOjSDL6Ppp75NlEce/3e1ec+IptI8K+JG1PTrSHT5dGWJdZhht1iWfT7gHEoC9fLdAxIGRscemfWJOevFcB8SbSPSzp/iaSATQabut9TiZdwm0+UgSgj/YYJJ9Fcd6YHT7l38NvHIyPYjB/I1IGrjvAdw9na3Ph68nae80IpBHM7ZM9m67raXP8XyZUn+9G+eoz1Ul5bw7BNcQwMw3KssqoSM9QCaAsWPtBth5oR5Wj+YRx43MRyAMkDJ9zXz5H8Mriz+EPhyyPha8Pia01S1muYVYFxHHd+bIR+824MZIGOc+nWvf1kjkUlXjYeocEfoaljUsmFyV6bQ3FO5J534chuvAPinxaJ9J1LU9O17U21e1vbC387DyRoJIJlByhVkOCRjaeSK0bUX1z8VNOvJtLubWFdAmtnk2Fo45GuVkWNpBld21SSM4yep4ruPsUjciJmGMH9223HpgHB/HNO8uby/uSEL0BBz09/wAsDFPcY6OpMZ49a82l+PXgnT/GGoeFtW1b+wNcspvJaDVUMKyg/ddH+6VYEEEkHnoDxXoEbi8gjkidZIJfuzIdyNnjhgcE/Q0gLMILMNisxPHH970+vT86mKvkZRgMZ5GPavKPDMFv4+8Q+NLzXoDeRaVq76RaWbsRHaxRRqxZQMBXdpS2/G7pt6Zqjf2//CE/EzwfYqmq6vFFpeo74bdzI8rLNGY2kQuAzKsm3cckZz2oC57IYz8p6bhkU5cnGASfQDJryD4c+LrPST4+1TVp9RsrOHX3t4IdRM000MXko6oIvmYHl2woPFdXP8RrfUpzZeE4F8UX2AZJ4CfsNvkAgyzAY6HO1dzeoA5AI6jXbq3sdB1O6uZ47e3itZmaWVtqj5DwT9cD6kDrWP8AC+aG4+GfhOW3kSeJtMtY/MiYOC4hUMvGeQQQR7GqNt4GbU76C/8AFN9/b97E2+G3CeXYWzesMOTkj/no5LfSpb/wW1jfS6t4YvR4f1Sb5rqMLusr7186EYGf9tMNk5+b7pQHZrx145xRuO7Ga5TR/HMdxqSaTrdqfD+vMMR28z7re7H962l6OO+w4cd1rS8QeLNL8KQwy6lcFGnbZBbwo0k1w392ONeW+v3R3Ipgbm4s2FBLD+Hvn0+tcZ4Buorq+8b+XLHKIvEM+4xuGC/uYM5x05z+RqBtN17xyrDWPO8N6ASCNJtpiL24XPSeVP8AVg/3I+ccbualuPhrplosF14d8vwtq1rEsUN7YRBY2RckJPFnbKmT0b5h2YGgDrmbrjnHZeT7dOmfek3FiMc84yOmfrXG69rfivT/AABrl/PbWela/pMEk8cikXFnebU3hkDNlQ3Tnlc4yRWbp3xIuvEnhzTbu0aPRNYh1eDSNb024hErWkpO2VQMgAZ+ZT3BGPYA9GEnlt8wIHuMZ4z3qfzgGC5yx6DPUccj16j868x0bx5q9y/jyC5vNLiutDu5LezxAI2fbAsoMg35YEsV49Kq6H8UtV1zS/B1hBb2Q8Q+ItNOqyuyukFnbgDcdm/LsWYKBkDK5zxygPVxMGJwen+c46/nSsxDfN8oBxz615n4z8ceKfAfh/XNVurHSdQh0+OCe3mjWeKK4DysroV3naVyjDkgg44zWprnjHVNC8TeE9JFnYyrrYmWWbMitEYYjISgychhkdO2aAO8++vXn0puAeAcNUIkIYjGPT1x/nH50PMF+bsOTQBzPj3xxdeDToKW+nJqX9rX6acpa9NvskZWZScIRt+Q857ip/A/xAtvGUOqBrebTr3Srs2WoWtywcwuADw44wysMMfWuQ+NiyXUfg5VS+CweIbeaWWxjlZootjq0m5AcY3jn2rO8W+FrDwP/wAI5dw2l1e+HJdYlu9cZg93NK0kDJFcTLgllVtoxjj5eO4YHofgnxYPGVjcXItnsDb389gyGYShmicqSG7/AP161LPU1vtS1C1hibFnIsTSbuGYqGI/DIB964H4JXFja6H4jjtLeSzsItevp442t3gBiZ96bVZRxtJwPf2rq/BcUkXh+2ubgBbq9ZtQuAwyN8rGQr26ZA/CkBk2PxQtNQ8Oa5rX9k6hBbaPNPBcQM8QkdoRmTaN/wDCOeSDXR+HNdi17RbPUUhktobyFZ4458bwjAEZwSAcEcZzzXhukrFqHgn4ptB4iurRBqWqv9lSWPyZA4JQkMOj8LgHJIwO1dToeuavafD7wdqujXVrcWbW1lbvYmLfJcP8qTru6qUA3bcE/KcnFAHrQUq/tU6txis9HMbOpOApxtPUZPTH4VZSZduO9AFnIxUW4rJ6elN+0Bfc1FJKd3XNAFp1O3J4qv8AK0iozMAzAcfWlMzPgGoJO5zx/P2oA8s+HdqnxP0O71zWXuftd5eTQobed4zYojtGgiIOFYbMhsH5vwBm8CeNPFfijwdCLWO1vNUgvbnT7rUbgfKBE+1ZTF3ZgOmcZB4IJrcHga+0O61E+HtUj0uyvpWuJrWW381YZXAEjQHP7vdgkg55ORW54P8ACll4P0WDTbLc8UYy8r/flc8l2Pdic8+9AFLw/wCCbfSbz7ffTS6vrL4Ml/dYLYznao6Io7BcCjUvBMZv5NW0K7k8Pa45y81qoNvcnAAE8J4cYHXhxn73Y9OSNuAMHvTQ3p/n/wCtQBzFr49Ok3UOn+LrePw/fTNtgvFkL2F23/TOQ4MZ/wCmcgH1rreAxBOGHJz29PrnsRwarXNtb31o9pdWsN1Zyf623mQNHIO6lT/PrjjNch8OF+x6dqmnKWa20/VLq1tkZifLiVyUTJySAGwMngcUwO1aX3yKikbOaQyfLjFM3ZouMYzZqBs7xVhsbuKjlXvTGRM2aqySFGz1xzj19qnY9cAk/SoPvc9D7g0wPM/jFp9xZ3nhHxAIpprDRNTZ75IVLtHFIgUTbRknaSc+g59au3njbQtQ0m5ktGh16FbaSeSO3Alj2BDvQ/3t4H3RyccgV2zHcDzyuccc89qpNDFHI8iIiOxycDG4gdT7/wBPSgDwjwu1v4P8SadbeFtbk1fwldRytc6VcM0zaUwTKtG/BQZ+XyySefaoPFFrq2uaS/jiwltnubHUf7St7YwSCdlRhGYd2TkNGT8uMZH417lNCjOMquV4Dcbj7/z/AMajZduVVFGeRtQAj3HoaCTN0HVoNc0m11C2Lm3mjV18xSrDI5DA9COhHtWgCfSmfJCrdEH3iWIUD1yen4moYLxLqFZbeRJ4G6SxHcnXHUcUDRayfWmtnrUPmfMCc89OMZ+maf5g9aBibvmoZsdKY7L1yM/XFQ+Z8xDcEdiOfyoAfJITkVCzcikeQbsZ/UCohIJMFCGB9x6ZoGOlbNc545nls9FS4hlaKRbyBSy9wZEU5/Amt9mx05469q5D4napaaf4UkkuriOHfPA8e48nbKhY49AATnpxVKwHULJ68nkH86jZstVbT72K+tYJ4JFnhmTzEkjO8OvqMdvep2IGGyuD6MDVDAt+dcleHZ46tCesmmsP++ZF/wDiq6dmO4kMAq8knjjuea871bxMbrxDb6npmmXWoaZpsUtveXluN/3ipzGo5cDBJx2HGTxQM7OT2NQs2DyazZ/FGk2+iprDahF/ZLKHF2uWTaTjJwDwO/p35qjrnjPTPD6yvdi4dUg+0l7dA4Eecbs5wetAG3J8wNVmwKzrfxEt3rFzpxtLiGSGBbgyTKqqUYsoxz1yjDp2q+2c5HIHGQOO/wDhTKQN0pGagtTGxgigZG33qduph9O1LuHrQI+tgh79OhrC8ReDbHxFqVjqZmutO1iyVo4NRsJBHL5Z+8jZBDIeDtIwMVvbqYW71kJnJ6l8O9M1GXSZpbvUvP0y8GoRzfadzy3ABXzZCR8x2kr6AHAxSt4U/svXNa8Q2JvtQ1bU4Yraa2e7EUXlISFCYTKFQzkEV07fNxSFRtOeRQI57wToEnhnwnYaTcS+Y0HmMI95kCK0jMqFjyxRSFDnBOMn0rabjP8AU5OPSnuu0Z4PP0qCVjSAbIelUNShtrixuIr2CK5smQ+bBPGJFdccgg8H6EfjV772B/ESAK5rxp4gtdF0oQO0kl9qSyW1ja26b5p5NpztXjAUcsxwAATmkSzB+D+n22kfDLw2kFtFb/aLGG4lVVwZJHQMzserEkjBJ6Ade3Ys27A7ds9q4bw/4s0/wt4Xj0/WI7zSp/D9hZ21wt5EMyFl8tPKKFhJuaLA255Irc07xba32sLpUtveaZqEkH2qG21GNYzNEDgshDEcZGVJDAckYBNIRtR5ViGIrO8TaQ3iHw/qOlR3C2v26B7dp3h80IrDaTs3Lk4J7jmsVviZorQJeBrtNIM32caw1sRZl92wfPnO0twG27Se/NRaz8U9E8ParqthqC6lDJpUaTXs62MkkEETEhZGdARtOG5GehoAuax8P7HxB4g8La9cP5esaDLuS4iTHmxlSDEwz9zcRIAc7SoA9ayYfhrfQ+E/GminV7cP4kubm589bMhbbz0CuAnmfNgAYOR1rure4SaFJYpVmjdQyvGQykEAghhxyDkc0MctmgDDHheO68O6XpeoXd0Wso44/O025ltS5VdmTtbcQRg7SxANUfEngcazpuiDT7+Sw1XQpzcafe3Re5wxDK6S7my6urbTyCMAjkV1qqp6ikMeOgpAch4m8N+IPF/hHW9KvNS0+2udStJLNfskMnlQq64aUktuZ+TgDaB33dabq3hHWdWvvAtw15p6L4dlaedCsh84mFoTsx935Du6H5vzrtI0O7Oam2YYZAIz09aVwPNfC9rZa/rPiCaCx1bw401tDZJJDayWDmGKQsrCTaMuzO3ABGwdcni3r3wrl1vQ76wh8VeImmuIWjiS91N5YGf+FZEx8yE4BHcE13skJfq27gDn2zQV2oQTtGDlh1HvQBi+GNat/EWk2urJapbXEsZt54sfPBLG22WAn0WQNx7Ka245CoxnArjJ8eEfHwkUbNJ8SOEkX+GHUVXCH282NSPdlHrWr4g8X6R4bkgj1G8NtJOrPGvkyPlVbaxyqkDB4559KANyWQgEgg1nXca3UckUiiSORGR1YZDKQQQR34Nc9D8VfCczrGutIHZgo3W84GSccnZVnxtrF3o+mRQ6ZGsmu6jL9k0+OQceYQSZT6rGoLnGfuj1GWBztgw1L4hXV/bDyrHRrJtHkeMbVnuGkSR0A7LEABjP3pHHY1u6l4S0PxFJDLq2jafqkqJtVry1SUgZ6fMDU+l6Da+H9JtNNs2aW3tVKCST78pLEtK3qzsWYn1Y1ciznrimBzjfCfwU0pP/AAimjZ9rJF/kBTW+EPgplP8AxTGnIfWNCn8jmut4GSeaAQeKAOQ/4U74OXmPRzEf+mV3Mn8mpy/CPwyrIY4NQhwc5j1e8Xb74EoHFdgMCnqoYDimB8neP/2UPEvj74jX1/BcW2heH41S3tn1C9l1C4eNcguMk/eJY4LDGRXrHwb+Adh8IW8y017Wr+YqVeGSYRWhyOogX5Qee+e1esNGCdzct3PHJ49AMd6XePSkBzc/gkQ65eaxpOp3WiXd6qi8jtoopIbgqMK5SRG2OB8u5MEjntUf/CDpH4m0jW11K6J0u0ntEtpVWVZo5WV5d7MC5ZmVTnPGOldbHg0jfK3HFMk4dPBE/h/TvFKx3WrasPEl5JLcDT0himt2kjCl1JKjG1VGSCR6V0/g/T7nS/DOkWWoLB9ut7WOO4EEeyPzAuCVUcAdgOK0kPy8c4GAMYx+Pek3FaQFllPfn0bGOPTFOjjO4HP5df5VGsu5cVJG272oAr6roGn+JNPk07VLKG/spyA8Ew3DqDuU/eVsgfMDkHmuK+D/AIbsrPQRqzrJeaxNcXVvJqN9I09x5cVxJHGgdiSFVEAwMZ6nNd3PqEGnQPd3UyW1tCPMlmmcIiKOckk46VxPwn1jT5vDy6dDqFrPfR3V5M9vHMrOqNcyOGKg5xtdTnH8XrxVIDvSuRxgc5I/rQuV6de1Zun+ItJ1W8ms7PVbG7u4c+bbQ3KPImDzlQc8deKnvtWsNLaFb6+tbJ5c+WlzOkZbHcZPTnrSdwKPjbT7vVvB+tafpsCS3d5bPDFHI4RQzZG4nB4APT2rkPF3wzm1Xxd4e8WaUf7N1CG4txq9j5oxewRcx5IPMiN0YgZUkGvRJri3gmEU9xBDI3KpLKiswzjIBOcf57ik3ABGVgVkG9WGMOueo9fw9KQHlOlfD+5bVfH97rHhe0vH1e9e6sDObeR5EMCRBSzfdOVJ69Cee1Z3hnwLr/hO18B65FpL3uqaLov9ganpcdxErTR/KRLCwbyyyuvALDIz34r2JovmBUKMdflxnmnBQz7ScBuOSeD/AC/SncDzX4oW+teOPhn4jsLLw7dCS8gjht7edk89m3hmZwH2hcLjIJJx0qlqnhCLT/HHw/1nQfDlzapayXD300EajyRJAY0Djdyd55xkY713/hDxJ/wlXh7TdVaAW5vIfOMWd2w5IIDcZHAPT1re3LwQc8Y5/wA/pSA4jwZb3Fj4j1yKLVru+0wLGix3szzH7UrP5zxljlUwyKQMDPTNdm0ghUyO2Ao3E9sD1rB0jwj4e8K3E1xpGkWelyzDZI9rEELrnODj35rZa4C4JyMc0Ac0vxc8Ew7kbxVpsO75WWR3Tn0IOOmKmX4reC+ceLNHKsc4N4oHIwR1B/8A11uwujqBhQAAenXr+VRNbWk7/PbQyf78YNAFGP4l+Errj/hLNFmZlIIa/j7jqAW9OKtReNPDsrfJ4g0Zs9AL6Igcdhu9adJ4f0mZSJNKsHHffbIw/Iiqb+D/AA9NkNoOmN/25x//ABNArGgviTRJ2BGsaU7Yxn7ZETj0HzfX8zXPeIPDem69qVtfw+JZ7CSBCijT72NY8MctlcH06g5xmrkngLwz38O6Xj/rzj/+Jpn/AAq/whdAiTwxpLZ9LRP8MfpQGx5/rn7S2i+A/Gt74Z8VaZfaa0EhNvqFn/pdvNCeVkODlT1z16GvSvCvj3w343hE2ha7YaupGdtvOPNX6xnDD8RXgfjj9kmfxn43udQ+36d4e0PKxQWemW25zGqkAsWAAbrxgjk13ngH9m3wP4H1CC/tLK81DU7faVvL25Z2VhzlQu1V+mOlAHrpHPB5+vP5UjZJFSeXKXPyMck9sAnPb644+lMaOTJAjYkDONvoQP5nFAyVR8vNRAmNuT37UobIqORiqljyo49f5dPxxQBz3izUp9P1PwskExjS51IwyRqcLIPs0x+YfVQfwroRNuyQMbua4P4oa5p+kX/hRru9gtni1aORlkb5ljaKRd5HZcuBmu5ysQXByGGQRyCCeCPUHNAEytjrS7sVEsgbI7g4I71L97mgAU5YVyfgv5NW8YoOi61Kw/4FHE3/ALNXWbS/CjtnJBAA9TnoP9rp71wXgfxDpuoeMPGlpYX0F3I15FcBIXDFl+zxqzL/AHgGGMjjigZ3LfN9aUfKOaZ5gXk+mSByQPUgdBQ0yq20nnv7Djn6c/oaBiOfSmM3ynPX3OBUhYdenrkdKjkk2gcfeGRximBxN9qnjNLqdYPD2jywK2EkOpSLuXtkbOtU21bx0uP+Kf0VR/2EZD/7TrtXVfc/UCo5FVl9vw/wpgcPJq3jticaHom3v/p8g/klV5NQ8eMMf2LoYH/X7Kf1xXaPGM8Zx+H+FRyfL7fl/hTA4Rrnx6/39N8PgdgZ5X/pULTePZGJFt4dj9Q3n/413TAY9TVaXHdQKAOJZvHn8Q8NIucHcJ9uPfnp618balp/jQfEzV/+EDi1GCZrpjnRi8cGed/zNj5c54Yn86+9/lTJ/lVKO3t7Ld5EKRbjzsUL/KncDzL4S2vxTs4VHjW+064tfLwqLGBcKe2SoAP616dGxUepoK7tozj60n3eKQDt25lX+8QPlGSa8+0LxBrXjmK9vtM1GHSLOKeSC2hECyCTYzLukLHJBKHp06+1d3Lt+91I9TgV57ouh634FuL3TbDT4dU0aW5kubSdbgI1uJDuMbrjlQ2cYJ60wKtv4o1PSvHEGma5rMdtbS6XHctEyxxjzizKQCRlvUfrU3w88X/atKvLvVtagnAv5raOaaRFUojlEx65AHT0NTzaDrUnjmz1aWG2mt0sPskrLIM53lgQpB6dODWE3hqXRfDniGw1BrOGLUrq4mtPLVpUHmD7hQjjuOD/ABU7COr1rxoYb7+ztIgGq6p/y02NmG2zjG8jjPP3abpPhEW962papINR1d+HmcfInsi9FFTeEdOXT9DtUWzjsXaMPLFEu1VfHOBzxn1JrbC7en1NMZyd14LbTbiW78NXK6RcSN5kti4Jsbhu5eMcI2M/OgBzjORkEtvHVvazG112FtC1FVztuj+6mA7xSY2uvfHDe1dRJ8uGz78HFcv8RI4rrwjdieNJkjlglCugYL++TOAehxnkYplIzZJLzx9uQLLYeHQxG4kiW79v9lM/n07101vYw6fBFBaxLBDEoEax/LtwO3pUsbIiYChQoCjHQDHT9Kjmm27SCMHpyKBnNeIdC0610fxDcpbxwPeWzm6aP5VkOMlin3d2BywwW7k9vOtQs7rw9aavoVx5jaZFo90dPvNx2mAldsR/2kxx6gj6V6/fQQ3ds8dxCs8DjDRyDKP7HtVVoYCkcYhieNF2ouxflXj+eOaAPNrfzo9cuWg1qeSabR4ZUuCqFl2vIdg2qM8HBznrmu9sHlaztzcFTcNErSH1JUc/z7UuqadBrFjLZ3CN9lkADxoxTIByMEHI6DimWsMdhbR2sAZII12ohkZsfiTzTKRa3AVGzCo9xzTWbrQArSDNO/AVFuDd+ak3UCufWwobpTOdw54pxPFZAxjdaTd2pWqNu5oENkY7qgmkp75qvLnpSAazfKx68E15l47mGgfFnwr4k1FjFoEen3umNd4LJaXEhRkaQj7qsiMM9Oua9J54z0zUaybSOqnAHynjjJAPqAScVJLPLfiNdR69B4W1uwjkvtF0XxBa3V9cW8RdGgCurFccusTurMVGBuJGcVnfEaxufib4i0aLwtdxXkmmWOp3E+pQP5kayTW5hhjDjKly5LEDJAUZ64r15pD5inLBscMDkr7An8/r2pmfLARAqxg7hGg2qD6459B+Q9KBHiOqalYat+zzD4V0zEfiK60eHRodH3AXUN0NqODH95djKXLkbcLnvWB4wt72/wDE3xAhsb4XNra6dpNtrVjZbDNdWaJIbkRNztcKxPH94jgkV9ENGomZ1CiSQbWk2jcV7gnqR04J/hHrTDCnmCRURXHIO3LD/ZDHnGAOfYHHGCAQeHL7TdR0Sxm0e4iuNMMCLbNC+4KiqFVeSWGFwMHpgitRQPQ1WtwtuuyNPLiByFXgD8B+vr1qwJunFADsflUygbcVCGzUgcVLARvlPFAkLMOaY+euaiMw6ZpAWt/vTs8Hse31qCNlx15qXcOlUBmeJvD9t4p0W60y4LRRThcSxH95EykNG6HsysAwPrxWGnhHxVGxK+P73LHLFtMteTgA9FHoOuep9a7H7rA9aczcYyKLAcbJ4b8WR5z8QbtjjA3aRbED8BjP51JovhK5sdUfU9T1mXW9QEBtbeSS3jgW3jJBcKqDqxABY8kKo7V1Ei7vrTGIX2pgVJ4wGOAMdvYdv61VVfm5q5OCwJFVV+8fWgBzKKRfvChm7Ug6+lAEhwvUVIjgY5qDknOc+1HLMPlwPWgCyzDnmmbepqMfezmpM/KaBEit+74pGy1Iv3QKdQIWPK0M+5sU0sB0HNAwxoAcudw9KtqMbcdc+uOaqbtpxTvMPbr2yKAPPPjNI4uPAME+P7Hl8RwLfecN0TDy28kSdtnmbBz3xTvjlHNaeAPEGq2IZPElppd1DZzRkLOIyV85Rgc7VAbA9DjOa7jVtMsdc0y40/ULOG9sbhQktrcJvjdRz07HPQjp17VR0PwjpXh95WtIJH8yPyma6ne4Yx85TMpYhcYG3px0FMDgvipb22kfB+z1LQ0jhvNKewm0eWAfOJGljVVU8nDozhh/EGarfwthTxPqXjy4161jvtQbxDc2E8F1GGKW6KgijG4cKVJI24+9nPFdPZfDvQbG4spYrSVorFzJaWc9zJNbWrnjdDC5KIRzjj5cnFWL/wAD6bqepS36y32nXl1EsN3Lpt08BuUA+USBThio4DcEjrRcDwmK9mvdB8Fx3WnN4kh0nxlf6XZxzMrPdWscc/lrvfhsBQOScmMHggV6Z+z/ALm8I3t8jrBp+qalcXVppocn+z0yFNscgYYOjsV7FvTBrotV+GuiXlvokUa3OnwaLKLixhs5yiwy4ILkdHJDMTuHJY/Wrek+E7HQ/EGq6vYzzWh1KQTXtr5w+zSS4/1m0j5XIABIxuwCalsDpFU84ByOvBqvdXNtp9vJe3k0dtaQDzJpZWCLGuerE8AZrl7j4iSalcSaf4SsP+EjuY2Ie8ZylhbODypl/jYddqAnjqOoZD8P5NUuIdQ8VXo8R3MMnmRW7L5VjbP3McIPUD+NiT9KaAy/g7fW+qfDvRWsbuK5jjjeFmgYPtIkfg46HGDg845xXaRtIYmHmA4OOvNed6tpNh4e8UeVpMMfgzV5Bi0uTHjTdWGMmKVBwkn3sAgP0IJGVbrPDviqLVrqTR9Qtn0XxDCpebTZ3Db1H/LS3b/lpF9DuHdRTA1twYBcbjnrRMzR5GCwxVhbVI16nk/5/lTpLdZM5Jz2qQKokO1QBg4xRH5hyQMHNWP7PQMrhjketL5e04BpgOaR1wccUyORlk5AFFxmTC7+PamGPK4zz2NADppGkboeOtWbZ/3Y5zVTaxJIPJGDU8EflxZzQBDNMZJCHGBn8BXnPjK/k1b4maB4TufMTR5dPudSuIwxxcurhVVgD0XIbGeeB3NekSwt5ZYcmuZ8V+CU8TTWV7DfS6TrWnMXsdRtxlosrtKOp++jDqD3pAcr8RvDNvpHgnxXqOlyy2MZ0dz9nimPlwSoS6yRD/lmSC2QMfjWLr3iZb3T/h7FDbaxpssmq2cTvcRvEsitGSymTcQ2SQeeOK7jWPAmp614f1DTr/XBNNfW72jzR2ipEkbqQ+2PPBJ75NV9W+HNzqXh/wAN6amrxxzaLcxXQnMBIuGjPyblL4GQSDj2oA2m+I+gWElzBdatDbTWo3NFLuDdSCFyvznJAIXPWs6bxJr/AIywNFtpNA0w8/2leIDcSD/pnH/yzHozZPsKqz6Xdal48tXMM0lpaxTQ3Ud7AojUllZJICRnJYc46ge1d5HblsdlHQdefX2+nNAHOaH4N0nRbd0Nol/dTpsuLm8HmyXB5yZC2S2emOmO1VpPC+o+FoXm8IThbVT+80HUJC1qy4yTC5y0De2WTHZeo677ON+8fe709lyvBIOc8Urgct4b8dafqt8dOuUk0bXAu5tKvRiUr/eRuRIn+2D9cVd8QeNtO8NyLbzyST6g67orC1Aedxjrjoq8gbmwOeMnipPEXhWw8TaW9lqFpHdJy8bNkPFJ2dGHzKwODkHtXK/CDRbS28E6Xf8AlGTUL63E1zcTMXkdz1JY8nJyfxpi6k39l61402nxEzadp3Dx6RZvwVzwZX/jPTjp7Vqap4N0HVrKC2k01bUWoza3Foxjntm/6ZyDkfToehGDW+E+VQAvHoMAfQUwqc88e+KZZz+k2viC1+0abqeoLqFm0eLbVoP3N2p/6aqBtLAc7l646V5t4U+ImsTaZcaL4lu54NWuLOa/0rVUIUXsKh8jGMecp5I7gdK9vSF9odUDso4VjgN6ZrzbUPhX/wAJH8P/APhHNaEUF1byPNaXtm5Jgl3MVkUkAg4IBHQjNMDC1Dxnd+H/ABL4F/tHXbuHTNT0yW4u1fcyyTKqFWIC553Ht3rR8JeOotQ8d+LvM1+STQrSO2nhWeT93GHRi/UBgAwHapbjwDr6an4JvYWspBodq1tcbmYSSb0RXZTj1jBH4io5/Dd34d8VeI/E2p20M+jXNrCrW9uHeYGHIUlQpDbgTn04NOwHoNtqdtfW/n21xFc25OBJC4dW+hBpWmEmRzXE/DOOxk0m+ewDRrLey3EkPkGJI3Y5winGFwRxjrzXZhWyc/yoAiaQrioJLjL7cZNSzI2Bx0qt5ZZi3SmBDNcMrHjGKrvcA5JzUlwhZieSe1U3jZc5FAiGafdnHFQmQswB64zT2jPNM8s7wfbFAx/mbhULTFXx2pzAqpqKQbmoAcZN3cgU3huoDenbj8qQj5TRwFyKAKsrbXxgMAe9RTDzCfkXPU7hkfl2qd49xpGj3Z5qgIAxC8dj/k0u9upPFOWMKepNDL8p9KY0iGRsqOa5PxxfQtpbaUzSNe3+1IIYFDu2GDZ64xxjk11bJtyckY5+vtXnniFxovxO0q+v3Ftp82nS2cU8j7I47hZd4DHoCVIwfY0yi9H44tvIgijtbibUZp2torOTEcrOoySeSAuCDnPeq7fECBIWiFtLHqy3a2L6fPIFZZWBYHIB+XYC2RniqPiK7t/+Et0PX4h5ul24uLKe6RdyIz7ShOOq/LtLD2rC1bRZtW8VzeK7C1luLC0vbV1i2/vJYo4Xjd1z1wHyB3C+vFAG1rnj++02O7tmsrS21i3a2EkbO7xNFNIEWRTgHg9cgYx3q3pGsX114n1bT5Gie2sooXjMaH/loDkFtxHVT+lcz4r0e58Yf21qNlp81zbywWlnEjxlHl2TeYzbWwQMEjnFdDofh19L8WX91Bpi2OmXVnAqFQqkSoXyCoPHyt/OgZ0zZYYxg1C0RXrVl0245zUUnNAyLZUTL1qUkdO9RckmmJjR9KWm7gpxS7qBH1l5nSnbty9cVX388mnb+wNZDY9ox1LGoZFZejcVIzZ71HK23GaQiJgc8txUMiZOQeBUrMGzioXyqkVIEbRluN1QNCVz83NPkuFjHJxUfnrJHuB60AI6tj79RFXJ+/RJJxwc0K/ykmgVhHVv7/NR7ZM535pxkG7GaTzBxigRGzMzABsDvUi7zgbuKj/iJJwaerhMZpCJlVxzuzSkv64qLztuD2qQSFu9IADNu5alMTtyGFRu4DAd6kjkI70gEKyf3uBUq7iOeaRpPSnR3AV8HrVIA8yRVIHXtmjzJGXoN1P3rznrSrt5IIGKYEW6X05qKTfn5qtlxtPzVA0gZgKAK8jPsO3FUmEqZxzV+RlXOeKreeGbAOaAK6tJ3FOExDDIOKdK5Hem7twoAeso9CaXztvRKjBCkCnbqAFa629VIHtT1uFZeM0FlZc4pVkG3BHFAC/aVXrR9rTscmo2ZT/DSEDjgUBYsLcBqdvHY1CrAcYFLuB7Cgkm85Tjmnq6+tV12+lSqBtzigZLvXuaf5ibetQBVbsBSuqKuCM/SgQ5ZOcdqmiOWHOKqrAGwcH25pfIw2eRQMmuWI4DZ7Vx3xOVbnwpHFIcQ3GqafBKoJw0b3USspx1BBII7g4711skHTLHHWuR+J1rt8Jw/ORt1XTTnP8A09w0COh8N6pp15Fe2WmRfZ7fTbprEwrGI0VkCthFBwEw68ccg1sNMM8jn2HX8K4TwLGV1bxim5kK65IcfWCA4/8AHhXY7CP4ufWlYBmpaXZ61YzWV/axXdlMNslvMu5GGc9D0ORw3UfTiuaj+HqXFq2k6rfSappEO19NuJWI1HT5M/wXHVgv8Jb5uMMWHTqgWHVs04LuZWzwDRsBzPgPWtQ1bw0kmoT/AGu8hubm0kusYacQzvErt/tEICSMZJPFdPHlhnvXGfDZW/4R+7UMMrq+oqf/AALlP9a66Mvg4PShAWjnHSolbOc1HufnJqOMMGOWzTGSrGckihvloLOMYIxQ2WGDQIZG3zVajYbACCaqYKe9PWZumDQBO0ny4HApqsoYHqaqlnZvagtJHyFyaANFWLjg59sUjW+xicdewqvb3bxsMx5FWGkK8hMn3oAhXcRtYkjC/KegIyBj8DVqP5lwOtU3uCxO2PaabHdNzkEGgZaYFc5FQyTBR70n2gSDAGKrTEjPyk8dqVhEst5HaxvNcTRwQx8vJI4VRyR1Pfj9RXH/AAovLb/hDdJ04XVvNfW8Gx4Y5lZxg+gOe4rn/iHMt18QPAOnXTMdJnuLmR43XKPOkeUBB+8e4HqKtfFqGLS/But69pUa2mvWumTxwtAFWTyjgSLtABIGC3PPGKYHe2+uaXcal9hh1G0nvQSDbxTq0nHX5Qc1Lf6nY6eqvfXlvZxsdqtPKqbj6AE579eleXeJtH0pfgfPcWiLBJa6bHf2d5GoV4ZlRWR0YAEEtycE5zjvWZ8Ndbm8ZfEDWp9fjzdwafYGKKZAREske58KQRguSD6kAZ5oHc9ofWNPtrFLmS/torSRQVuJJVERyePmzj9aq3WvaZD5Bm1CzjM3+qDzKPM/3eeeo/OvBPHUx02P4s+H7aMR6NHp9vexwqmVt53VTMEznaCV3Y/hIGK1/F91eXlr8O1vdHjtII9XtVEkNys+A0T5XhcgEAH8BVILnt+1G5DA98ryD+IpkigtyMA8HHemW8ytGAOBjjjjqeKWZ8ngUxkbLn0J68DA/wDr1G3oeKGk2moZJiexoASTPODxVWVivNWPMG054qlcTqvA5NAEc30qm7dc5xVhpsg5NVZJduc80CZVmlUNxUTS96SST5s7aq3F0egQk0CJmk3d6iZxuxTFuGK8pUTTM2cLigomaQdM0ivlQKg3t/d5ppmdFOVoAsN1oNVTM55FPRmZTk800AMwXOeaRsbajbdu60yRWIznFUUhzNuXP5ZGaqXVrDdRmGWKOaEjBSdA6t7kHvTirBcFqbtY9+KLjIVt4reIxRIkcQ4EYUFcY6Y7CmnhVHAC/dUcAe1S+X155qNox1NFwI2f5vmOSOjEE4Htz/jVZ9u7P8Wfvdz7mrLKAc9agfGelFxkDsaiYnFSuw3VC7HOO1MLkDgk9cGkVdueSadJ9aiaTGaYg2jNSZFV1fc2afu96BH1Sz4NNM3tS/w+9ROSuayKY/zj60NNv9vrVfOTnpTWmz1OaliLEZIam3ExjIBUn6VEs54BwBTmmVuCQaQFO4hEoU9M1CsYjBUn5cVbkY7QOv0qNk3KeMfWgDMMpC9TjNM844IycVf8lc4wNtQywhuy0CuQK25hzSFjgY6ipWXauMYNRN1GKQhJZCzZ71NuzEcnmo3Xvil2gDJzSECs20KTxTlfy5MljikRVJFTPAuKQESzfaGyAQB/ep+8ljzxUkcYAApRCOcUAJ5zN3wR6U6OZi+D3pVgC8k8e1RyxbeVbmqQDZJm84Y6Cp1usk9qrRjcxPel8kq2aAJmmbpxTGkZeetO+z7lx0psluVwM0rgRXEpfB71Xhbbu4xVl7fdg5IxVeRNrcHNMBZWz0NRhuKXdkgcUzZ83tTAlDZpSxpqqFpW+WkA8SfLUMkx6jnvUc2TkZwSKitYWjJDNkY5pXAnjmd3BPSrDt09ajXKqRVe4kl/h6UxFhrgDHNON2isOeO9UlVmjyRyKCuT93NMRpGdcdeT0pyzgRis9lIwR+tOVmEeM0AX2uNu0rzTzcFmHHFUYfujuau7QvQigZaWbatOaT5c1VZipHce1Ekh4JztNAyVZDKrZ6ZxXL/FRmHgueQKxSC8s7iTapYrGlzEztgdgqkn0AzXRwNiMjIPOaa83lsCDg57Hn+VAmUdBtdPC3mqaXOt3baxcNffaIpPNjlYoi5Rh7Rrx168VqeaFPJPrgAk/l6+3WuN1HwUbS8uNS8NXn/CP6jKxknhjQtZXZ/6awDjJ/vphu/PQt0zxuI9QtrDxHaDw/qc3yxNJJvsro+kE3c8f6tsN9aBHcZ3NtGWOSOB1x6ep9hz7VUh1qzm1aTTIruGW+hCvLbxtueNSQAWA6ckcdfauK+JGo3Fi8UN54h/sXS5lGILKItqN6/dYyOdnTlRxg5Zeoy9F8M6pqFultYW/wDwhehsN7LbsG1G6z1aWTnYT65ZsE80AdL8N5h/ZeqIRtZdZ1DgjBH+kyV2IbaucVzmh6JaeH9OjsbBDDbozOF3E5ZiSzEnJLEk/NmtXc0ikFuRSGWTcDIBPWnKw3VTxjbnk02K4PmEHgGgDSLhqQuAMmqk0zRITySOar/aHfDHq3WmIvKx5NSq21eazlmO0n3xzSfamadlC9s0AaAYZ609m4yDzVCO6LbhjBFIt4funv0oAvrNz71Otwe9ZCzbXAznNX1b5R3oAsmQLz39qbMwdc/0qFpM9BikZsqT3oAdDgcnpUkjDacYzjiqW4rxTtxwTQBneJPDGmeKtP8AsOp2wurdZRNExZllhdT8ro6kFWHByO471Bpfhm30+4dpLq61Isnlj+0JTNtQjBUZ6gjOc9fatWNm+8eRmm+cRcDgY9qAOeT4Y6SLNdPSS+XSY2Dw6W1zvtYiDuwqkZ2552k4+UVoap4LsNQ1K31GJ7jTNTgiaCO9sXEb+UxBKNwQy5zjPTPFbizdTUP2jzc8EfWgZzc3w20m60PVNLkNw8eqEm7uFkxNLnqGbuPyp2o/DnTtX0rTLCe6vgulzLPazCUbwy/dJwB0GR9DXTRvsyM0hdt1MdiNY/s6hWYu2Pmk6FvqKVpBt45NNmYNweKpzSGLGOaLgWmb1WoWYMacu6RM1EwK5yfypgRTbeeaqTP7Z/CpZmG7HSq0jbTgEGmBDIwU5K1XlZeRjFSzSZ4qhdSfMB60ANlbAC1XcBmzSyP61BJNtXNAWHNHjnNNZe+Kj+1ZOKjkuSv0oAR35x0pu7c3XOKrtN5jEZ4pYmxIRQBKW/Kgv6UjVGzBaaAfn1pjE59qFbJ60NTGMbDdelRs2OB0p+6o2XrQMYrfNTGOaU8VHyM0DGsarSNzU7HqarSHoaAIZG71WZqnkPynHWqjKcn1qkAyR8t7VHu5xUvk7uDUTKI2wKYCBcdaXihm7UmRQI+qpTgdcVAfmPLcVJIc8VFt9KyLImUhjhjULI4/jP5VYLbT0o6/SpYiq5ded1R+axblqsTD0qtIvBPekIleQ7Rz1pAXPVuKpyOx2+1Txy7l5PNADtzA4pjK2c5p6sOveo5Gct04oJYxo5GPbFReW+asq7YxQoJbnGKliINzLgmhsyU6Zeab90GkAoBFSq53Z61Buo8wRDOc5oAsiRg3Tj2p287TVZbgnkCpo2L4qgHrIR2zUc8knG0AmpWXaOKrlmQnvQA+MPwSmKl8w7hxUKyFuaf5vXjOKQErSnHAprzEr0NJv4zTTMKQEZuOxU4NRSMvXBJp7uKRVDdKpAV2cf3TTxjb0NSuoz0pjNxx+tMCFpFHGeabJMuOtDYLcjmmMo9BQIUzocc09GU5INRqi7hleKRmEbdKVhk0kiqoO6m7g2QSKgk2yKBjmnRRruJximBMAFU4OaRW54oZQVIBwajSPa3JzQSWNwqNsMad5Y9cU3y++TQA+M7VqxCuckHJqnsKt1p8btG2c0DRqL8o9qXaHUA8iqkZLDOamVjyMjIpDHlRGpwBmomAbnAyKSSUtwDTUVw3UUriZIyCQEbQagvNIstYtJbO/tIL61lG2SG5jEiN9VP+NWAz9gM0kfmbsAdfamIwtD8BaF4ZmllsLD/SJfla4nkeaUKOiB3JbaOy5AA4xW7tCDAJPGOgAp7FueMn2I/lUXmMGIZSP0FPUYkcK4yeoNOkj6laazE/dUnjNJHNuyMMDSGPUjaAeoqL7OC2c85omkC84NMjuhuzyKYmWpl8yMgnHFV/IOB83AGKkaZWGQcmkVtvJHFAhkdufLYZzzmkiUq2e+MGpFuguRUUlwobOaAHciTPQULAXc5Ybahabd34qRZuMZ4oAnKmJdpAPuKcspUVEtwvdhSMec9qALqydM0SSBeCetRLnAOaiuFDruz0oAm+90pdwVCaqxyN90VKmduCc+tADY5iykAUwZWQnB5qZV2t6GnccAigY5csoxRtJABHNP4GMU8NgZNAyNI/mz0FJcHoFO0U1pwuTmoJJBIeuBQA5gR3zUM6FlGOoq0gBXijC9xxQBBHIVXB6VHId1PmIGcdKgY5qkBFLjB4qscckirLEHjvVOY/NgUxEMuPSqF4pyhAq1K45GarO6svJJoC5RkcYxg5qCVsqBirUiqxqJgq89cUDKskZ4x1pjRE9Rmp2kJqJpgvFAEHkhecCm7SrFqldlIyaiLqO9ADs+1Rye1NkmK9/wAqh87HSgCVW96k/hqrv7809bgehqgHtxnNN4xTWm3cVHvPagpCydKiOaVnY1WkLZ4OKBkjfdJqrL8qipPm7nNMlXd9KYFZ2GDUDN82asMgxmoJMKDTAjaSoZOc1KcN0qJiOc9KYxi/NnNLsFNU/Nx0p+fagZ9RFgwyetNZl6U3kgio3zWQxJJNvHaljk3Ux/emL8tSyWSSMGAqI02Ziq4HWmBiq+9IRBcHY3SoVkKnNPlZmyCKhboaANCOQMtKZOD6VQVtgqdZh+FBLLCFW6UrYXvVZZtp4GKc0gfkmpYh7sG+tV3yGx2pxUZ605l6UgI16+lDRgKuDmlOF60jTBsouCy9cEH+VAD4o6tqoVapRuBxnmrW4r+FMCRjkcUwx8Uz7R1p8cwbqeKAGKlPWAIx5zup6Fe9NaQZ60gFZO1MMIqQMH6daC22qAgW3BYZ6U7ygvShrgDvSxyBu9ACMnymqjKdxq8zLjPU1WZs5pXAhMfHvUTIc1YDZOB1pwX1ouBXVfl96imQswqzIyrmoT8zUwIhGQtSRKeTTxilUdaYDenWoiGEij1569vWpW+mfauFv9cvde+I1z4etL+bS7LT9MivZ57XCyzyzMyooY5wAFJ6Z4HHNMTO6jbzFDKdw7YI/KnN90kHK4Bz04IznntjvXnepa94g0vxJo3hmTUnuZtaubiWHUpIkaWGzihRmXaRtMhc4DHP3s47VU8R/FaX4d3Op2etSHV0XTP7VsLnasUkzbxG0Mm0BQd7rhlXoxyOOQR6c33hnjIz83FA7e/auE1bxVrngi00u/16Wzu7K6uIrS9WC28n7JLKcIynJ3KGKoehOd2OMV3jZjLcgAcHuB+PvSAljztyDke1NZ2Dtnj2zz+Vc0/i64vPE13omkWNvdTaekT39xdzFI4vMUssY2gksVGemMHrniqEnxE1C11LRdOvfDptbvUL6ewkVrwhIZIk8wNkr8ysmSPpzigdztY8buue/WnySLHwD81c5pviqTUvGGsaE+nta/2dDDOboy5V1lBK4XHGNpzXSyRfMOd4PcDj8+hqRBHNuwD3rnNc8WahDrsWkaHZWeoXf2cXNy99O8cUKltqDKqTuYgkDHRSTjjN/XNWtdB0e71O5LCC3iMp28E9gB7k4A96880D+1JNZjsmmNtqt3L/AG3rc6qD5an5YbZfTgAfSIn+KgDrj4j8bDareGNFlyN2IdXdePxhpG8S+Mo2BPgy1Yf9MtWB/nGK6a2VW+Z1GCAduAQDz0NS3lq9xZzx21wLO4kjZIrjYD5TkYV8d8HB/CmmNFPwx4ih8TaWLyOKS3ljleC5tZsM9vMpwyEjjA4ORkHI9a02jAbcK8w0HXJbbXLHVrmBbU6tINJ1i3XhbbVIsrGw5wBIMr6HMX1r0vzCFJPY4H9KpgJJ83bFQrGxbHb6VXv9YtNPeCO7uorVp22RCZgu9v7oz1NSHU7azkjS4uoIGkJCLLKqlsegJyaQFr7o5p33lqnNeQC8S3a4hS5bGIHlVXOfYn07danVug9Rke4yfy6Z59fXigQhjUZOAWprbDwyClZivsaTAbknmgYfZVyCB+Qo8j2p0chXjrStLxjFA7EXkoeoqTyl28cVGrfNSsx7UBYsx4VeetHlq3U1XSQ7uamWTcOmKAsRyQjPcfSoY4Ak2QzYPqatSMKiJHagLEjJvbO6neX0Ocmo1Y4o3kdOaALJz64pvlll4JJpVXcoJqPzCh4oAa1uCpzkGo/sv+0alaZv4untSCQYyD1oAcsRVfvVGyk8EnFSqyt1NNduoHSmBWZcnG44qF4Sf4qmZhz2FRmQFuTmmBTkj2N941C3XIJzVqcc1VamBUkhAYnNUpE7g8VoTLuUis9l28UEjGjG33qu6Y706abb0qMtuXNA0Rsp5qBow2SetLJIVPWkMm5evFAxkiBSKj2Bu1BY7jmhc0AJIo9BimrGD2FS5BqM8NQA0xgfSomX0qVs0xqaKE4VeetM7GnN0popjGyKVxVd1NWJG4NQM2M0ARsdgyajlmzxT5gCoHeqrRkZqkAxmwuKrSOPWpGBY1E0O40AR+YBxULN15qR4wM0zy++aZSEU8g1JvNNxtooGfUYxTWA3UtMZhWIhJsYqFiOlOZt7cdKZIR2qSSOQYHHQ1BI3pUkrfJ16VVZuetADs561WlBGalGcVE3OaBDGb5aWFyDg0fSo2ZsGgRYeQMRjNKpWqiufp7msqz8a6ZeXWr28LXBn0j/AI/ozayAxZXcP4cNlfm4zxSEdOFVsHNOkO7FZOg+IbPxNpNtqWnTNPY3I3QytEybx6gMAcVoMTtODg+tIDO8SeIbPw3YLc3RZ2llS2t7aIBpbmZ22rEgyBknjJIAzknArIj8ZBdZh0a+0+TTtRuYnnsoXuEljuVQjcqOOjjIyGx7E1n/ABM0m5vP+Ef1SytpL1tE1Rb6WzgXc7w7HR2X1ZQ+7HcKe/FY2sRt4q8Y+G9Ts4b2PTdBW5uZ7uW2eLc7xGOOKNSqlmAyxPThRkk0gNeH4qWD+BrXxV/Zl+dNuJkhSNfKMuXkEatjzMEFyBwTXoEMn7pdyNHJgFkb7y5GcH3r51j0VrX4H+Glkn1hL37dZ+fprGUxx7boPIPK2ZVVA3ZPevomOQXBDpzGxyp9Rjg+v50AMkBLYHenRQkfeqdox1pyLyOaAGDHfjFM27jkA1Y2j0zSbQvNADIl8vmopSWPHSrO0ZzTGUZ6UwKTHnBzQh69cVYdV9OaasYwaAI/M7A1F5hU81YaNV+tQyRn0pgNVirZqVW3c1EvenD9KLANkXnNRt8uc4HuSAPzNSOwrA8eIt14G8RxMiyBtOuMKy7vmETFSB6g4I9wKYGy8m3PGRnG7oPTvSLNwev5V4Z+8m8OfCiG40NrCE3doPtIniKTK1s7E4Vt3zfe59OcHiuj8dfEaF7e30bSZ7qwv73U7bT5ppbZ4fJt5nYNJGTwQ2xlB6g9hxkEejazqS6HpV7qE8cjQWkLzuEX5iFBOFzjk44rn9Q8L3N14itfFOiXkNrqctktpdw3UZaG6t925AQCCrqejCrFr4Lt9O1SCaxmuorPZKl1ZzzySRzhgVBIcn5uAc+ma6VVAyBwM5HGMe30pgcTrHg3UtUuNI1hru1XxDpk7yxDYRbGKSMRywZwWAKgEP1DYOOKx/EXwsufiBPqd54hmisp59MbTLNLVjL9nDSLK0jMyrvJdUPQcIB3r0/b/wDrpm3YDyffnrSHY4HXNC8QeNLHSNJ1Sxt7C2huoLm+vYbgyrP5LBwsY4PzsqkkgY5AzW5M/i231QhF0O407zf3ZfzknVCwwO6lh6n9OtdFwvGPxAAzSBNzc8jpSJOGt7W78EfEDxBqrafdX+j64tu4ns4vOktZ4YthjdMjKlQCGGefbmoPHSy+INc8DG503VLW0h1CaaWSFJd8MLQMiSSPHypLkZwcgH0zXoq9cj936hfbp+FWEkG3GPqD0/L196VxnlGi6S1n8S/F8Vvd6hpVvdWNisepXqyykBC/mbJJcqSFI69DXS6P4i1mz8NafPf6TqOvXEjSg3dnHEJfKEhETyqSmHKAHgdiMcjPTa1o9p4g0ufTtQQz2s6hJFDMhYZB6qQRnA6EdKNH0e08P2pt7Pzdm5pCZ5mlZmOOSzZPYcewpjscW2rP4+8UWGky6bf6PZafF/ak9vqUXlvdOrbYgBkgop+Y89QvY5rf8I+GZ9HgvLi/eObVdQuTdXckbEqWxhFUkA7VTao47Z71F44tZoLa31/T4Wm1LRXadVUZee2K4nix3yoDgZHzRqOhJrftb+DU7WC9tZFmtZ4xNDKg4dGG5cfhmiwWLHlkjrjmp04xzzUJYLkblzx1OOv1p25lU8EHH+eaQHHeJvB51DXLseU0mk67am11Ly2Aa3uIwPIuhzwSPlOOhWPryRH4d+I2miwNr4g1ay03XbGR7S7juJhES6YIkG7GVdSHz/tYre8Ua5H4d0S4v3QTSxgR29v3nmYhY4/csxx+B6VS8L+DbXS9NB1G1tb7Vpnaa8uZYVkZpGO7aCwJ2jJAHoPaqEzI+IkOleNvAL28c8N9YXV3axmS1lB25uIwSrDJDehB4Pr0rkLPWtStPFWg+FdaYXniLTZ5JrG/mQAalafZ5gsoyOHDbFYdcgHmvUtS8N6fqmn/AGCe3CWgcSBLcmLawIIIxxkEA9O1SXOg2V7fabdzwCW5092e2mJy8ZZCjYOO6k/nmgR5x8N9FsPE3wdS71SIzX2oQXVxeXcgZZo5g7ZIl/hKFRgDpjOMVe+HvxOe78J+GZNd+1i7v4IY5dR8n9y0zFgpc5yC+3PTGSK6O6+HWlzfbBA95Y299L513aW05EEsh4LbOxI6465NVNa03Vo9W0u3s9Ht5tAtWR/LFwV+cEYJTbjCj7oz1oA7Lb1B57H1pjR8cU5T3b72MdM5/Gg9KBoamF607cMimnilC5GaBihepo28072pjSAZ749Ov5UCFNCtjNRiQE+opob5s9qAuTbjnnpTtu1dxyF/vYOP5VXnuBb200+0uIkaQoDgtgE4/HGK898GrrHjnwrH4gGs3un6jeeZLa+Qf3MWCdiMvRhhTn2z3oC56RtfJGCD6fzqVOGAI56j3HrXiFl8ULrVLz4f6nNqE+m2GqR3QvbWPJi86LgFQFLAFg3HPDA10/gzxRPq/wAQfENtDq013pcEFvJBbv0UuGJGCAe2fwoGenxyHaQTUOPMUjkGmxn1PNTrhvrQBD5YjU7iT9KZHGcVadR1qNpNozTAhaM0hJUY60qyE5zTN2M7ulMCJuuDUbYHOKeTyc1GzDmmA0n5TmqsmFzippJB2qrMe9AEUrAHmqU2OR61NM4ZuelV5n+XigCnMu5vaoZyeAnA96st61BJigRTZT1PNJ5meNuKnbFQs3UYoGRlfmopTzRigBrcCmA7jUntTdu3mgBrDbTGp7HdTW+7TRSG7eKQinfw00mmMjbvULYINTtnrUBWgCE89ajcjpUmOtQyDnrTAhZcc1DJgAnvUjt15qBnGcE8UwIWB3ZPSo2anSPg8dKrs3NMpD2ak3VHyeaXdQGp9SiQdKaxGDUZcU0yblOOtYkis2zOajZxjOeKytf8R2fh+G3kunkeS5lEFtbW6b5riQ9ERfXuScAAEkgVhax8S9L0O3upNStdUsDaNCsyS2u4r5rlIyCpKsGYY+UnGecUaAdVI/bqKgZuvFZUviywi8QWuiSG5j1C6t2uYomgbBRSAxLAELgkDkjkin61r1hodvHLe3KxCZ/LhRQXeZsZ2xqoLPxk/KDgA5xUgX/MUjAOTURf5sH8652fxxokWkyaq2pQxadHKYJZ23KIpAcbHBAKtyOCB94etWD4o0xNRisG1G3+2Sp5kduz4eRcZ3KD94Y546Y5oJZsswxweajXO6o/tAzgD8aVZNxxnFAiXzNvP9cV5HY3JuvFXxPu7DxBHYwJJCHjWOKZZAlkFzuJyvPy8HrXqkkgB9SDkZ9RUBSOZj5iK4YYYsoJbPJzkUwOZ+F2sWVr8O/BMLTqst1YQ20ODnzJFi3MOnGADnp0rvI23DBBHGfmBHp/jWXDbxQvG4ggVlJKhYwApIwdvpkEjjsaq+XfaNasbEy6pcXN95sj3koxGruN2PRUThVFSwNPWbmHSdLvtQuC6wWUL3Mnl4LlUUscc/ewOOcZxV23bzYIZAT86Bh0BAIGPXrjJ965Dxp4gsLjwZ4wt4JxLLZ6XN9oTBwm+JmQE9MkAnH511FpIY7WBTwVij4Pb5f/AK9SBeVn7yOzEbWbPLA8E/U/jUq/u8fKBkYOO2OlUxdAMKmabzFX0PSgCwzAikSQZ65qt523imhzuoAvhlYZpduelVI5hg5OPckCrG87dwyeM9D0oAkztpjsWGKiW48xhjkfpUvXBHIoAj46Go2bHSnyjaeeKqySDdjOKoCXdznNDE+1VluFZsZp7SDbgEUwH7RzmjcF47UxZBt5pC4bpQArKCc1Q1bTYNY025sLgyJb3KGKRoW2ttPDAH3GR+NXt1I2NuaAOQuvh7pz6XoNj9s1CCDRJI5LPZMh2lF2oXynz4UsoBxwfxrHk8J3XjCfVrfxRo6WiToiW97bXm94hHJviaM7RhlfLk9zx0r0FpB2zUf3VIQbRnpSEzK0nQ9QtLiOS/1u51XygdqtFHDkkY3uEHztgdT6nitxQOvbj9RxWNr9neahpc0Wmzm11KPbLbTM2AZEYMqv6KxG09eCal8N6tJrmi2N49tJZyzRhntZkKvG+SGXB7htw4yPegEa+4dBUUjBQab5npk84478Z49ajaQScjOPXBpjFVs5zUqttqBeMhvlIGTnt9fSgMWwF9RnjgZoAsr8wJp659ahVuAO9PV+1KwD2kI59KVsyHJ6VHtP4VJuYYAxTAcZPLbd3HTnFcf4b8rwr4i1Dw1Iyw2cha/0vzH4MLMBLCvb5JDnAPCyL2U118g+XJPP0rG17QdO8SWsUGraZaalDG29IriMOEOAMrnof50CM2bxR4pjuZUHhWC6t4yVV4NXQFx2OGXitHw/rGsahdGPUPDNzpEfDRTm6inRzngfLzn8KxZfhV4TaNdnh+1iI5Hkl4yP++SKdD8JfDO0f6Hcx9/3V9MgJ9PvGgZNa/8AFXeNjLvJ0jQmKR8f628IG98d/LyR7Nn612qnaFHTA/yPyx+tZujaPaaBYw2NhCILSHOxASTySSSTyxJOSfWrrE0ATLGG5NRyfJwvSkMm7AFJk/hQFidc7cE4NNaANznDfSkVgR83XtinGTb9KAsQtGI+B0x0zxSc0rNubrQeKAG5O7npS5pD60wt2oAeT8pGM8dPX2rgtQ8WajZfEyfRZdUtI9KbTRfRGdURg2/yygJIOB1/Cu6xkcniuB1Twve6p8S11W40mG50ldN+xKZZFk+fzN+cHsRx16mgTLHgXxTf+I59aW7ktZEsNRlsYTboFLIgUqxwSDwxrsZCdoxz/X3rz/wbpGreE4PFr/2O0MlxfzXtnCsqMJVKqFXAPBytdxFqcMUllbXLxwahcQmRbbPJ2jL49gf5UCLMchVhle/OelcTY+ENX8J6fc6Rodzaf2RI0rWv2lGM1osh3MikcMoJyCfeu9Vk9OQe44rCj1uX/hMLzSWCG3isYbpGA+YFndSP0oA5eD4Y3Gj6h4Pl0uW1NtoSyo6zblkmEi7WYYBwe9a+l+F9R0/x5qetsbU2t7BFAI0LCRRGCFJ7E8muujwq9jn1pWYdQAPwoGg3/nTopSpzmoGIIJB5piylQT6UAXzPnimPzxmqn2gvwOKkicnrVIY9uKYx9aeefrUbqaYDGb8qhkcHODTmbGTVWSXqMc0AI5+aoJG+bFE06xxszttVQWZjwFA6kn6VhnxhojsVTVLV5M48sSAMTjPAPXgdqBGhNznFVmPPNZ//AAmGiSWEt+uq2r2EZ2vdRyb41I65IzjB4571Yh1CC8hjuLaVbiFxlXQ8H86YXCaXyzUJy/IqnqupQ6bDLc3ky29tHy8shwFz0H1+lZlv400q6uBbRXDGco0gSWJ4tyjqwLgZAz2pCNiSQI3zVEzDqDXNf8JxpN1cpGLqREkkESTNEwhdz0UPjHNTXXii0sbyWy2T3d3Cu6WG2QO0QPTdz3HPGaYGytxuyKd5ny9cVj6Pq1rrduLqxmE8D9GAIxzggg9CDxg1a1LUrfRdPuL68mEFvApZnyO3Ye56fjTsO5dZgCMsMe3P8qM+oxzj/wCvXJx+MNQc2Uh0GaG1vJBGkzzABcglfMA5UHHv1rM/4WNeN4Nk8QxaTGsaS+UbdpThR5vlZ3YxnPP0oshnfFs7sHocZpjNUMVw8kCNKu18cgAkA98HHNOz3oGSA8GmsOpoDAVFJJQMGYEEDg1XlmK5FDP1FRGPc1Axnmdeeagdy2alaPa2c8VG2KAIWT5CaqyKOp6Vbk+Xg8dqqyLwKpARFfmHpTWUU5jTGbHNMY1j2ptDNzSbqAuz6a3dageQjdk8YqZo8NVO+nSzt5p5twiiUu+xSTtAyeB14rIDiviBDJpvjLwl4lmiebTNOa8t75okLm3NwiiOYqoJ2ggqSM4VyemaxPi/4k03WPhrqP2G4Z/Mnso1u4otoLG5jdgpx8xVVZsAYAB56iumHxS8Kook/tdoRn/lrY3KHp7xjIpW+LPg9lBXxJZKQpU+Y7xgA8kfMB39/akI5FpJV+NlnGuujVLqTw9cLBJcJCpjdpoiq4iC7iQN23knbWXofiW61r4haDq2rPapZNY3+lQ3MKyQwi6WccHecxPJEpOCc8YHUV2k/wAQPB+pW8kEXjDTYyy7RLFfxxSKcYDAsTg/mKLHUPC7WstqutaTqQllaeVri8gnaaQndvYE4J4HbGB0pMR5R8TpJL5viTfafN5ljLFpVu8y8xSXcc4EnTGdqlFYdeByQM120ltqMPxo0MajPZzldIvjF9lt2iXmWHOQztnI+YEf3cd66u6stA1TT4NOli0m8sozmG0IikjjxnG0dB1JOAAfSi60PT45hqMOl2txqdtCRC0SoJcBT+7RuMBuBjPekI1guVBB3Z5zTcD1rzfwj+0J4J8YTpaLq66TqbMVNjqw+zOHHBVWJ2n6bs+1ei7tmN3G77p7H6etAiO6mSFXd3WKKNS8kkjBVRRyST2AHJJ6Vh2Pj7Q75oEW8aNpwzW/nW8kYnVVLExllAcbQT8ueAT2rC+MtreX3w/1iO1hkuGHlSTQxZ3SQrKjSKAOTlAwx3963jrnh/WY7S4tr+z1CNi09q8MqscIrDOFzjapZcngZxgHFAFseNdAbR4NV/tm0XTJ38uG7kLJHI2cYUsBk5rWVx5fmhhsI37lOOOoOf1r5/s21P8A4Ur4LR7myk02TU9PPlLC3mhvtmcM+/B7E4XpXp2qeINe1bxHf+HtPS3tZfLWc6mLpZpLeBnZC5jK8SEg7ADgcEkdCCGa+r+M5r7w5phFpbOpi1jU405i3KB5Kc/NKy9SR8gUZ5O03YtR8Q+D4Uh1GFvEWkLwt9p6gXkAxjE0GcS9B86Yb/ZrodB0K00HTYbCyTy7WLJG45Z2P3nY92Y8k5/PArRwq9MqRyMHp+OM1IzM03WrXXNNa80u9jv7bO3fD1Vu6Mp5Rv8AZYA1csZVj5U7Q4zgsMVi6v4Hs9a1D7fbTTaLrRwo1TTz5crDPSUdJRjPDfoeawPCOoeN9d0S0v1uPD7JPvKrJbTQsdrlQxKPgEgZIAxTA9J3EqT1HqOlSCRSvBB4z1Fcot542X7+iaBdsPumLUZo8/g0LVRs9T8SeMLzUbGWSHwvb2EqwXItJmuLqVmjWTCSFVWNcOBnaT1wBwaQG7rHjTT9BuhZfvtQ1aQZj0yxUSXDehI6Kv8AtNge9UPM8cXafbwNGtNv3dFlDOPcNcj7r49FYZ71teH/AA3pfhq1NvptqLdWbfJIWLSyserSOfmY++a1OOD/ABdie35YpAc9o/ji0vNSi07Uba60HWZB+7sb9MeafSKUZSYYyeCG9RTLnx0LjUL+20rTLrWF0+Tybu4gdBGkoGWjUswDMvAPYZ610bWsUpXzI1kCncuQCVPcg9QffNeZ+D72HwGut6HrazW9yuqXN7ayLbySQ3cUzlwY2RSCedrL14FUB0EPxCtNWWyg021vL7Urq2F6bBQiPBETj94zsEQ7vlA3cn25pJPHWjxaPNqLzzW6w3P2GW0kQ/aEusgeRsH3nORjGQc8GsDTbhfCfxI1zUtZRtP07XbS0eC6uF/dRvCGSSKQ8qH+ZWAPUZxzXLaho9/ceLm8eSW1wNB/4SSG9eORD5nkJbmFrnb95l3MG4GQq57UwPQbPxpZ3k11A8N9Y31vCblrK4hHnPGCQWQKSGAIwcHgkA81paD4o03xJ4cttcsL5J9IuIjOl0wKjYudxIIyMYOcjPFefeJ7q01zxxoV1pd3DcWei6dfSX19HJmNEliVIo9+cZ3DOO2MkZrnPDtnJYlvB4jB8Oa5aRaytwr/ALqGAri9gJzx+9VR9Jm9KYHtPh3xJZeKdLg1LTpmuLGYFo5jGyblHUgMASO+cVeeX5iA3fHBz2yP0r5+8LeJNRbwh4L0a18QWuho+gNcw3s0m1JbhJMFdwDBig5MeRkMfTn3bR2e70y0lnljnneBGaaJNiyHGGYDsCeaQiyJG3dc07zuMGmtGFYULGdw5H50DE3H14o8z5fenOvYmmeVkZJqWAqybj8yhh/dOMH2Oa8u+G+kw+PvBJ13V2uG1bVJbrfeJI6SW+JCgSNlI27VVRxweeucH07G08dex9D2P4VzC+AbazvL59M1LUNLs76Vprmwt3Tymdhh2UspaMtjJ2EdTxTQjm/DcU3ivxB4ltdXvbwxaHcx6RbRQXL25BWJGefKkfOxbjOcAAg88Y3h/wCIWteJNd0zwlPevHPDfajDe6pDgS3MNqyBQrEHYXDDcy8/KehNd1deCza6tc6jol8dGnvI447qFYRLFL5a7Y5MMciRV+XdnkY9KoJ8LrLT4tLn0q6a21rT5prhNQuE8w3DTZ89ZQCMrJ8p45UqMZpi1MfxT4t1XwjJ4h0SHUZ5JYtCl1vTbuUK00ZjYo8T5GHHCEEgscnJ9ZofiJLeTeCIdO8Q2t7dajKsN8qpG8hVoTLv2jBQhlC/jV7Xfh5e65ba5dXV7aya1qGmtpMDqrpDbQMSWIGTlskHOO1Jf+DdZni8EtHHp7S6JdJPcsJWUOFhMI8v5CeQxYgkDIoKR6RGwbp1AxnGOOvIpdwDCqqSHoeOcgN16CnhjuHegC2ZAvHWm+Ztzk81nzXXlzEE5PtUmSzBietAF15CFzUccu5hTNxKjcaYuQ3BoAuoCSSe1PDVWe42Y+Yc9qmRhIuQaAH7qkb7vvUO7aaGlBPBoAcPvc0u4VAZOaazFaALecqcGms3aq8bHPXink0APH3gRUmeKrb8NjFS7sDmgCTPeo/vcgU5WBWmyELyKAFyMcg4phAOAOCP4dwBFNaXapZyFQDJY9AK4+D4jPfaXJqmn6FeX+jqJGS5ikAeVU6sqHqPxHAJoA7LAOcfKMYwpHX1qtNZwyXUdzJCjTx8JJj5lB6gH3rndO+IlvrPiC40e3sbr7VBBHc796GJ43+4Qc5Oee3arnhnxha+L7eae1gnijhme3YzKAS6EhgME9CP1oIIZpL/AMO6beSsZtYleVnjjUYZd7AADHYAk/hVJJw3xMnjJy50iNgM5JAmYflz196v+KfEkPh+xWRojcXczCO2tf4ppCCQOoO3jk9vc8Vzdr8OV1I/2lrFxdL4jk+YXtrOYntfRI8cbQONpBBySfSgZ6OhG1ecHGcZGf8APuOKUtt61xUepeJvC+P7RgPibTB/y+WMYS6X/fhwFb6oQT6HpW/o/ifTPE0Ly6bdLcbeJI8FZIm7q6Nhlb2IzQBrL34pjR56dKYH+UHt15GKBMm77y/99CmA4RbTkc05WK5x+famSTJHC0kjLHGnLO5G0d+T9K4688eS6lM1n4ZtP7VuAfmvpCRbR/Q/xEegFMDrrrUrewWNrm4igWRtiGWQJvJ4AGetPacEdwc4rirX4eW187XXiWX+39QdSGa4/wBUmRjCIOB1qq2k614HXfpLTeIdD6tp9xLm6gHpFIfvgdkPPYE/dLKO1aXlgeDUZ/vdcc1j6L4m07xFZ+fp9ysoVtkkbfu5YDkjZIjYZWBHQiofEHi7TfDcSC8nzcSf6q1iG+WQ9gFHT8cUCOY+Nl7cWvg+3iSQx2txqNtDdsAeIS2GJ9F7HOOta9xoemyR2LSW8Ef2eZXgkiCqVYDCgMOoKk8e9O0/7R4k0q4TWtIit7a6BQ2kjFy0ZxgP6N16dOOarWPgbStMYeSbttiGOJZrqSRYhjjYGb5SOnHagR5Jpq6svws8UW8MFi+niXUBvkd/MYCVy2AFxkAcZrtLHxRdaXpmhodJa402SO2ge4WUBkkkUYITjI6Z9Oa318B6NbWN7YxWrrZXbtJNB58mGJOW/i4yc5rIu/B+oWd5YLpV1Zw6ZZqFS3uY3kcc8kMW64yB9aAMr4qTtHceE57htul/2souWfGzJVgm4em7bye+Km+JFpDeeENSt7X9/qhtZUtDGcysMHeV69Rnpxx1rsbmyt760mtriFJ7eQbWhkUMrKOgYHrWfpvhjSdBI/s+yjtR90MuSyrnOBkngHkD2piPPPFk1rqnwdMdoY3a6s4YrKOM8+dlduxc9VKnJ+tRfDuWbw34i8R22qzLa30txFdwyTOBvh8tcFSTyFIPv7V36+HdLt7xryLTbSC8JDefFCqtnnkkAbsdeafeWdtfY+028M4Q5QTIHAzyQOMgZ9+9AHAeDrr+x7fXdUWxurizvtXlkgjtIS7FCPvYJHUjOfcVd8ZfafHXgHU4tP0+8t7pSjxW97D5bylHVtoGTyduB9a7eMrGipFhUUYCr0A9P0FC8kZy3zDB445+n9aYzm9F8aafqHk/ZxcSzsymVXgkSSMD7xkyBjbyPftmvN4fDv234damkdjqEuqNcylLf97g/wCkBlIQnGCma9g0vVoNYjmeAN+6mkhkDjBLI209D0PuferpVmYszMTjAJPT0/Ki40cTbr5niyyuIb64jdoma6tZZvkCMP3a7D0IIzx6V2e4iqX/AAjemf2m2o/YLcXzHd54jAcZGCAfTH8zV1k255z6UDGs3yn6VGNzMVAJ9cAmntx71naxpcesQJBK8iReYHYROULDuMjkUykXD8v3lI9eOh7A+maRpF4x/EMjtx6/TmvKvC7LoPh2PUoFll1Np5bBS7swfM5VcgsM7Sp+uMVZk8TeLL69SzxY6TK1pNcSK8Bm3tG4QcFiEBBQ45pjPROW6DnGdp4PWszXtaTw/pk1/JG8scW3cseM4ZtuevavLpfFHiERi7uddcbbax1BbcIka5ll2yRsQMlSPcYzmqGpard6poN1PFeXE089pdpqNsXd1SRJFKYT+Ej7vGcgk0CPVZNegs0le/khsVViFzLkOAAc/XkVZ+0RyoGR1ZTyCGHI45H515XfLJdXF/bx6dczw3GomcOsOQsJjRuC2MAugH516JabzbwsylN0a5UgDbgYI4/CgC0ziombNI3HP5Z4/wA//XphVhgkEA9CQeaYx7c03B9aPxo4oA+nfMAqB3LH/DrUXmNn2qNpCuaxAdLdPGzPuye/zEEn1z/TiuXvviRoNpfXVndaqYrm12mdZIJNsQYZDM+wgAjPJNdFuBYMSeDnj2rzSx17Trb4n+O2vNRtIYY7TTlm86ZNrhYpNw2k/N1GRg0AdbqV9otpp8d9fSadHYzlRHPMUKSlhlApzySOQPTnpWelv4T1jT5bpbfRbqzjH76doIWSPjOHLIdpxg815P8ACmOaw8R+ExqnmWmkyafqT6HFOSFTfdblRAejeQV2k8hemORXW+PI7QePPCkLNElnfakzal8ymOS6SBvsgkB4Y8cc87R3pMlmzb+EfAuvwl7XSPD2oJz89tbwOBjHdBx1/Q024+FfhQ2kwi8MaS1xsbZuh2KzYOAxXkDOORzW/wD2Xaw67Le+WkWoyweU+W+d41bgsM87WJAOOhq9ux9aQj5n0n9jZru7ku/E3iXcZnaSS10i32pktu4dyeOTxs/GvcPBPgPSfh3on9laOlytoG35ubl5mJ/E7V/4CBXUDlT61G2ehoAj3bcEdQc1Uj02xWSfFjbK067ZmWFFMgwBg4HTjODkZ9+askfN7VKIwVJoAyZfCuj3FnHYyaXZtZo29IPs6bEb1UEYB9+x5qTT/DZt/EDatcXSXMy27WkCpb+X5cRcNhjuO4jagBwOh9avvntU6sVUZNAFjeF5707IYdaotMGyB64qVJAGUdzQBYEnkHceQvP5VgfC5mX4e+H9y7d1kkn/AH1839a0dXvIbHTbm5nljiiWFiGc4z8pwB75wMdSTxWd8PJo18D+HYUmhkZdNtwQkisf9WM4wfWkB07DzFIAG7tnnmuW8Jhm17xkw5k/tfa3HI22sAxWtrlvHfeH9SiljWaJrZyVJJH3CR905HI6+uOteOaPqU+k+HbTwf4jdpbu4Szu9H1Akqb2NpYsxEgjdLEGKHkkqQexwAe7RyFWAOfyNSeaVyccDP6daxn1/S7e8OmnUbGG6yIxbNcIr8jgbWOST6Vxjam1j8XtagMOsXdm2k2ci29gJXijZ2lDNszhSQi4yOx6cUWA9Oa6+U4PTup5Hoacs3TblfT/AGT6jtnvkYrzj4N3VxfeCILy6uLq6mmuroBryZ2dVWd1VQHORgKAcd69Dh9+lAE8JZcsGAJABwCBgdBjPQZPvyck5pZm2kMCwzwQTk++T3/Hp0pkWd3TiiZC23nilcCpdKskewKPLOfl2jHTHI6Ekd+OpqhJb27R+S8EZt8FfJIJG3+714H4dee1akqnacc1nSRln5FAFSXQdHurZLaXSrGa3jk81IXt12K+MbwOx4HTritBJRHgLgDGMDgD/wCt7VCqil2DOaaAlurow2sk3kyzeWu7y4Iy7tj0Uda5j/hZGnqB52na7bHGcSaPOf1VSK6qNhtwelV2c9Mnrnp/himBzf8AwtDw6M+bc3tuf+m2l3Kf+06cvxV8I9H8QWsR9Jg8Z/8AHlFdJubjDN+n9QaRpG29QfYgGgRhp8QfC9xzH4i0sj1a7Rf5kVctfEmk3n+o1Wxm9PLuo2z+RqabTbO6z51pBKT13RKaz5vBfh66J83QdMlz1L2kZP6rQI2YnW4BMZD/AO6QakWJs8q2PpXJT/DHwlMFB8OWAfu0cQQ/+O4pifC3w0v+rsJ7b3t76eMj6YegpHXEY6qf++TSDB6rtH5Vyq/DnT4j+41TX7YdhFq839SaVvBNzDtNt4s8QQ4/vTxS/wDocZoA60Lu6ZI9hmkZsLjkDt2rkx4Y8QLzF44vwB2uLG2kH4/IKVtJ8YR52eKbGRDjC3OkL/7I4oA6XycsTtLZ9qkw2MY5rlPsvjOHcf7U0G49A+nyr/KSk8/xxGyr9n8O3APcSTxf0agDr+T36deDQu7+6fyrlF1bxjEGMvh3SZj0Bt9ScZ/76jxQuveJ2+/4PZz/ANMNTiP81FAjqzndyuT9Kmjm2r0xXIf8JdqsXE3gvVkI6tHJBIB+O8Uf8J8yqfM8M+IY8ddtojj/AMdkNAztdwZetMddveuNT4j2Uf8ArdL1yAd/N05/6ZoPxU0KPPmvew/9ddOuAB+OzFAHZR5bBpWUsOOPrXHL8VvCyqA+tww/9dI5E/moq5H8TPCcu0J4i0/J/vTgfzoA6SFT0NS/hWBF440Cb7mvaYx7Yu4/8av2/iLTLhcx6lZyD/YuEP8AWgDR2gcnihvvEA5x1/xrL1DVXi0+ee2Rb2VEZ44Y5APMIGQoPTJ6fjXm3hP9pTwP4knFrPqLaDqCkhrTU0MQD5wcPyuOvUjmgD1wkims3Iz0qGK6W4iSWGRJoWGVkjcMpHsQeacy9zzQIraxayarpN7YxyeU11A8Cyf3S6lQfzNefeAPE1tofhWw0PVA2n61YxfZZLOSF9zFTt3IcAMDwQc9CQRivSUf5sAkfTrT5VjkUeYiuRypYZKn2JoFc8htVGpfFzWPJ1W50lpNKtPmh2gkgtlSCMfKDnA6VS8D6tdWPgvxHd2F/bNNa6veyyTSxeZv+YEcA8Bv73brzivY/KVnL+VGW6copyDyckqc1n6hpYuI1FvPLpzqRua2C/vFCkbCCDgHPagRg+FdJl1CYeI9RuYb6/u4VMTwDMMULAELGD93+prsI9ix9Bn0Jz+P1rP03T4NKsba0gBEMESxID1AAA7delWwuOaBkqtluGZTj73f3rl/HvhvTbzSL7VRC1rrFlbSywahayNFMpVCRllIyMjociuh3lWzWR4ykK+Edbf/AKcpv/QDQBk6T4Z1m6020uD411gSTRCRhLHA43MFOfuA/mTT28OeKFYiPxlJuH3fMsYiCe2cAcVuaCNuj2O7nFvH/wCgj/CrU80dvHJK7LGijO5jgCi4HnVrpupeJfEmoab4h1h9StLARFIo4hCkodd3zgHnBHH0r0a3ggs7VLe2jWGJBgKgAAritPuoE8Ya/eechsXhtWW6Vh5TYDgkP044HWuvtbiK6txNbypPC33ZI2DK30IqgLUfy4AOB9OacSACc9PfGagLlR0pnmkZz0xSuBwfjLR01DxtpAt55dJv7i1n3ajYkJMQNh2k4+ZcMevTNJ4B0WGym1WR/wDSb6O/mga8kGZWCkdWP9MVd8U/uPE+gXcjLFbwx3Mc08jBUTITbkn3U/lVfwJeR3UniCWKRJoW1SR0kjYMpBRD1Hqc/kaa1dgOuPGfrnr+tRMetHmU1mFMCF3w1ROwOeBmppNveqjsN3FAAcAGompWamOw2kUAQSYOaqykAEEVO+Rk1Aw3KaAILf5dwA61JnbjjdzwKiXKtjoScYPX/wCv+FYWueLI9LuWsrKMalquM/ZUbAj9DIf4R7dT0xTQEfg+QrLrikMWXVLhThTgDIPHqORXSh1yCSTnpXA2Vn4k0Gea4RbTW2uJGurixjPkzQk4z5TZww46HFdFo3iix1ySSKCSSO+T5pbG4j8q5T6xnkj3HHvQxo39wxxUcjUxZA2cHIBK5HIyO31pG+bikWO4ZaikztbaQGwcE+tYmpeNNK0q4e2mmma4T70UVtK5/RcVTPj62df3Gk6xc+my0Kg/ixFaDIovAdp/wj13pF1cy3VtNM86vu2PGxk8wFWB4IYk596msfBWnwNDIZLy5nhgMHmzXDSFlPLBvUnpk+gqH/hKNVl+e38LagR2aa4jj/Pk02S+8Wzcxadpdmp/5+Lh5WH4BcH86AJIvBuk22wJp0RVY1jVXBPyrkgEntzWgunxxs0kcIEhwDIkXLY/vYHOSAc/hWMtj4ruHJl1mytFP8NvZhj+BY/0qB/BtzcbmvfEGpXDHqI3WEf+OigDcuIlt9yysI167mJUH3/WsS68VaJYsI5tUtg+ceXG4dvwAyaiHw/0KPaZbL7W453XUjSk/XJx+laNrpNnp8ey1tILZcniGMKOn60AeV/Fz4iXum6Ha6l4fub6ykhnKPPNa7Y5geSMNycHB4FbHwr8SeKvE2lG98RWNraRyDdBLHGY5Zv9plyQB/nFdlrWh2euLareQLMttJ5savkqGxjJB781Z2qvYDAwMDt/ntQAmT60tRlufajePUUwPpTzDyD0qIsGJ/rTrpSqkiqfzbh2rBhsW2UbTnoR/CeazLrSdNvZg9xp1pNJnJkaBCx9cnGTx0q4zMF5NVixZuKAIdY0ex1mz+y6haW99BlXEc8SsocZIYAjgg46eg9KpTeH9IbRn0l9Ntm0s4Is2jBj4ORnj7wPRuorUZjt96rSZPFIClpeiafocLpYW4g3kF3Ls7yem5mJY46AEn8OlXGz1zUZm2/w5NRiQ8khvp2oJJ1kC8E0kx4ODVd5gvajzt2OKBEie9S9V4qv5gXGc80olHUHigCZcN1psjjcB0FNMq8Y4pCyt1NACRqFVgOpOaeWClWYNs4LEDOBjPP4fyphkTcBnkfT+veuIW8bxR8QPEGk3dzNBp+k21r5VvbTtAZZJwzmQsCGO0KAOnftQBP4o8QQya69zKgubLw6VnMCDcLrUZAVhhx0yiuOD/FMD2qbw78JvDdholnbajoWlXuoKu+4me0QhnZmZtuV4UE7VHYACqXg101nVNb02/3Xh8OayrWd1K25yrQ7o95P33RWIyeflU+9d5G21QB0HHX9f0/U0AULPwXo+m2N7a6ZYw6St5H5cr2KIhxgjIBUgHn0pbzwXpuq6ZpFje+ddjSbiC5tLiRlEsbxEFDlQB0G08DIrUjlHrUsb/N60AJNo1hcTLcyWVtJdqQy3DwqZMjGDuxnPFZNv4Tax8Xap4gXUpGmv7eO2aBoE2RomShBxkkEnk+prYabaeaGk8wcUAZPgXwr/wAIboq6b9ra/jSWSVJmiWNvndnYEKcfec1064x7VSWYquKVLjnk8UAX/MJWlDbqq/aF29aFuF6Z5pWAsMw6VVkhG7OaX7QG4wc0ySQd8gUWAi2gZpOKjLKufnz7Unmr60wJ/wCVNkxxiguFXPSovMHrQBJgYpOKiZ89Kb5hzzQA9uvFNVvmpN3zetJuwaAsThe/ejNR7+KkRwo5oAOKGIApm7OcUfU8UACrtcZPGRmuT0/x0b7xveaIbYJaokgivN3+tuIgjXCfRQ4P/AG9OdTxZrw8O6Hd6gF82VU2wQjlpZWIVEA9SxX865e+8OzaF4I0+W2RrjVNDb+0N+DunflrnJ7mQPIPrxxigDvTIHyM9MZBP+f8mgbVUnNUYbqO8EUkUivE8YkRxkb1cbgef88VPI/zAjnHagC2pHBGTxS7tvU8fU/1qskwXuR7UiuW3ZFAEwmG7rjP4U773v8Aif8AGqu7co3DHvU0fy49KAJ0cr1OaXzWzweaiLimmTyzQBMsYb73P1qGbTrSYHzLW3lP+3GDUizErTd53elAFCbwzpEynzNJsXHcNbqf5iqf/CvfDEud+gacSe/2ZR/St3cW4qRfSgDktS+Gvhz7HKbTw5p73ixt5QbdGpbBwCV5A+leB2P7H97ql5Lda9rsUBlkMrW9nAX+YnJ+Z+g6DoelfVTKGIBwfwzUbY6d8/mKdwOQ+HPwr0j4Y2bxaTPev5wHmrcTl0P0U/d/Cu23HFQL81SM20e9AmCths96ez7uar5+bPenckcUhEiybWpJHPWmfzpX+YYoGMaQsMYpfM2803bRt5xQIX/WYrnviBex2Pg3WfMljQyWkyJuYDc3lscD3wCfwrdZv3ZIBKkcle2a818Uawt5q1/qYSO4s9LzY2UfBWe6cAP9QCducdN2OlAHW6P4k0qLTrVX1fTyVhjB23cZ/h+taVvqllfMVhu7W7H8SRSpJx7rnp9a5fwv4B0TT9Fs7a40y0nmSIB5GgXJYjLD8CSB7Vu2vh3StLdnsrCCwkkXY7wIFLD3PegDyTT5p/h1ZT3km658I6jLcJcKyZGmy+Y6hwvaM9COcZzivVPA4T/hEtHKgAfZIzxxyVBqS18M6bp+kzabuE9jcsymG6kDBy+cqWPrkjpxmremabb6Pp9vaWislvBGsUavywQAbR9cUAW5DxwTUbuNhQgncMcVJwy1DLjntxjigDz7xpK938RvC9hdJnSzDc3CRuAVknXGEx3IAyM+pqtqm/R/ixoaWS+UL6xnF/HGu1XCEFJCOBndkZwDXa69oNl4it4obyMkxSCWGaM7JIm/vK3rkD61V0rwnZ6PM9wjzXV242tcXUnmPt9Aew7mmu4jT3DAprMKVkP41E33sGqAikkLNx0qOTHbrRI2MiomegBrtt6moWkpZBu71C7beKBiM+RUMhP4Zp5+7mojJ8wx1zQByF3qWo+LLqaz0otp+mo7RS6i3+tcqcMsQ7AHPPXg1taRoNnoVusFrFtx9+T+OQnqzMckk+9cjo+rXFjqVpawvtim1a9hkVvmzgyvx6c4/Ku/U7gD60DMjWvDdhrnlm4SSO4i/wBVcW0hjlj9MMD/ADGPauZ1LwvqEktumoQJ4isvMCx3kP7m9tj03Ej5T9V28Z4PQ9zIMHn9KRWLcZx6HGDQM5vR7jUNN15tHutQfVYVtFuYbidQJlG4qVYjhv8AexmuoHoTXM3BEfju1bjLaa4/ATDH4810uQWzmmikBUHtgelJwp44p26mE8iquMjkUHJxk+9NLHbx/SpDTWwBzTArMecmmPjHpTpD83tVe4PGAaLgMmYZ461Vkm4NPb1qB1PNK4EbTbmqN5BzSspBpm3dmmBFuJzxRz6CnfdbFO49qAPpmbDcCqM+V7Va37jUM7b1IxmsgK7Nn3qIKQaTcysT6UjMWPNIAZtvNRs2ee1JId1RluMUgGumTkVGO/NSE8dagycmgljGj55p8ceaVSG4NJ5nl8dqBDm27QMZNRIBu6cVJuBpUUd+lACSYGOB+FOj2Y6USKB1qNW2n1FAD3jRWJAHNYl14Tin1p9YsLqXS9SkhFtPIqiSO6iByokRurL/AAsD0OMVuSMHGccU4HgetAGTofhm38PW9wsTyXE91M1zdXcxzLcStjLuenRQAB0AxWqtvhdw/nUy+hFOxxigCKOLtmplQr0OKFxT1wevSgCCSAswO6nRxle9TjH4UKvagBhyy4pFjZec1IRinL6UAJtZl+9TdjA8Dn1qXlcU9TnFAEEZZWxjmpGD9hUvljr/ABU/kYPFAGVJHKkmWANDIzZPANaUmJOvSoHjA6UAVsybMNg+lRksvUVa20103A9KAK3mY7GkkmIXgVKYwvaneWCM9KNQKv2k7enNNEw3ZORU7R89ajaFSeetACCY7s9qnWQNz3quoO7GOKsKvy9AKABW6nNKzds4+lMkjHUGofLLKeaAKWtaLZeIrFrLUrdbiBnWQryCGUgqQQQRggHr2rn5PhZ4bZSDYzBCpBRb2fAz25fkda6wwnGSTUEin1P0oAZp9lBptjb2drGIba3jWKKPOdqgcDJ544FXI4xIOuKgW3LL96n+W6Y2mgCyFVOg3GmyfM2AcA0xdyr1qPcwbIoESyW5KjB6U+NmVcN+GKj8xyKfG5OM0DHbyOoNMcnIOKkkY8EimNKO4NAD0yMU/carrMAeQQKf5iHoaAJmYcYoEoZeD0qFZQxxmk3Kp+U0AWQxI96PxqESBecineYDznmgCZDtpzfNzUO73FKrbqAFbNG7bkGhm21BLIysT1HtQSTbjmns571VjkLHoalZqAHbiaY0hXkcntzinLUMjbTnr+GaYHn2h3t549u9ZvZNRuNOtYb6Wys4rVwnlrEdu8jucknng03wbMPFUciapHGb/RdRnhdogEjnkXgS7R0zuJx2JPXNaUPhe/8AD1/qVxoM1qsGoStcvbXan9zMQAWQgHIPJ2nHOKueE/CqeG7S5VpTcXN5cNd3M23G+VupHtQB0ccYVsj/AD6mo5JmWZVGeCOR9akDBcCq8y4IOcEc5zSA4zxtrD3mu6N4d+zyRzSTxX63DOAnlxupbP4Vq6D40j1rXNR0pbOeG408qJnkdSvzKCuME9QK5LxxAt38S/DEb3ctpItndJ50LYIYldqZIIAIBHPrS/D9o7fx/wCLrf7a907i1dXnI3viMg445AIxxTYj1FZCajduaTJ4x0qNyc0gHMwNReZ2prSYNIp65FUhh5m3JFV5JNzc05vve1RsPmoER3B6Y6VVZuasSODxVdsZpXAY2aibHenyZHSomyOSOKLjEYH8Krsp55xU3mKaY2DnPI6EUxnlsKuNYtyqltviG7OQCcAxydSOnUfnXpEZ25AGO1cpI114R1HUZ59OlvtKu7hrr7XZgu0JYLkPH/dyOoz6njNb+l6xZ6xbi7sriO6tm6SxHK59M9j7GmMvyfd96jSTapYlQAf4jj+dVNZ1q20W1e4uWIVeAoQlmbsAPWuH1jWLjVJoBqcbIjHzLbRkP7yT/al7j1/CmB0WqMo8ZaO2P9ZZXC5HfDRH+proU6iuY0LRLqTUhquqSf6V5bRRW8Z/dwxkj5Rn6CunDbV9qZSJKa4PWmhs0hfrigYm401/U00sxNJI3y0wI25Y1XmPXIqdVPXNQzIeaAKz4qvIwGanaoXjPWkBE2Me9Rqp5qRFPOaRsJmmBCyim7aUnLU3cPSi4rpH0f5nXFRedjPrTWY4NV23KeTWYwMnzHNNLiopz6VB5lSBK0o+ambs1DIw7Ugk7UCJS9RbsNSM1MLc0CHK3zelDHHU5NMPNIcdaBE27gEU9ZBmqof0o8wigC5KwZaiGemeKjEm4YNLx260AThhtxSBiGBqDzCGp/mHNAFpZSakVs1WhXcc5pzMR0oAsrTt3tVVZtvXrSLcfNzQBbRvm5NPZsDNU2cNznmka5xxzQBdRg1PVhnpVNbheopVujzjpQBcZs805XH1qn9q4pFvNvygYzQBe35Yc4p+8AEZzWebgKwOcmpVm3MaAJS35U1m7dqhm3Lzml3DAyaAJDTTionmG04PNQNcnoaALR5ppzjioxKNvvR5mOaYD9vHvTNpzTftGKFm9elIByjrmgntURk2twaTzCTQA+R+1JD1pq85zzTVYhvl60ATuxxUDKM7sZp7S/Kc9aQMBzQAQqGznipQuSQKjXa3ekd9j5XpQA+UdqRUwvPNBk3ijzAMUCYm3mlb92oA5PtSFs8jrQvGaAQNubAPSlLBR6ml3blIpPLG2gYn4UxvapD93imBQ7YzigCSNenAx3oZQOgpNxXjtTiRtoAayq65xTlhXbkmotxXOKkDCRcHrQSwZPTIpEGzkk1JuHANRupPTpQBKQGwcn8ahmyflzxTlztzTZDn60AIilQfmoVX3Z3cUzd260NIWXHftTAkeRuxpnzHvimqTS+ZTAUq/qM+9MWRuQacZC1QM3zUmA9mY8GkZz0z14ob7vvUbZzSF1HkCTllVm67mAJB9uPpSFV3btihgMBupHtmkXNNZsMBTKJPOZeKjdmbuKYJAzY60rN8p55oENxzzTWkZfTFHmAdagdizcdKABpGJ4wKiaR8460kjEU33pCDaRyaifpUnmHoajkIx1pgV5CT0quzSDqeKst0qu8nOCM07DIwuepoPHrUmRt6VExoGiPyw2CT838q5vWPB9reXTXtlNLpGqt1vLP5N3++vRxjjn1z1rpdwqCTqT2HJpjOIuNS8RreQ6LNaWU11MjXCahHkRhFIXcYz/Hlh3xXReH/AAvb6Lvly9zeS/NNdTEF3b+i+iiqNxkeOLQAKQmnSBT9ZUHX/gJro45OvQ8c4OSKaAdIq8HvRgKM9ajduozgr1BOCPanelMZKGHpTeKRWprHnimMR8VF/FzTmz60xjTGDNiq8knWpHyQaqs3zUgGMKY54p7MKiZsg0gIs4zTThvrQ7daj8zb3oAa+F5qGnyNmo91AH0UzDOMVDJhqmkx+NUppCrYFZsYTH8qqFCzY6CrEjcZ71A0nPPApEjWQKOuTUTU6RlbBBqPPzUCHMTTGJpS3amk0CANTi3FRbxzg80zzDnB6UASbu1NaTDVGxzTABngc0AW16bqcMtUKyDGKmVhmgAbpjvTNxLClb5s4pIxQBYjZlWnrIaTjbSH5RmgBzDPPeo8FjRGx3c05V5oAVQeopWG7gilj+WnM1AEe3HenrH+tN8wd81NEw2+npmgCPB9DTcMzZxVrzFyBSbl6HigBiruAyKdGpVz+lTKoVuDxQ1ACSSfL71WbcympmK55PFJ5iqSooArxAknPFDKd3SrPy0qsGGCKAKbqe3Wn7vl5qaZBsOKhC0ANK96hkkK9KnYGmsg70AQrIe9Sq2aY0fpTlHagBwcqDikRtuc9aaT2o2+lACs2aXdTMGloAep4460qk7uaapoBHNAD24brTC2TSSDuDTFz+NAE2fek84L1pmcsKY4DHB6UATxyBuQamVh36VTjBX6VMJOlAEnmYY46VAT89HOc0isOtAiUMelO3blqM0M428UBcQsVzTlbvULNT0YFcUCJclu/FSJJtGOtVtx7dKRmOKALDNtXJqNvm57VHuLMATSbvwFAEqqBzQcUzfxSeZziqQD92DTSaMbqayjFMBVO3qaYy7uhpOlKufWkA/quO9NK88nik34bFNaT8aLCFZtveoZCWYFTTmbPoKYyiMZBpjG/wCr5FJy3NI3rR/CaAGsM96ZIccChmqPeGpABxjmmE4pzMMVEziiwDdwao2Wmbjupxb5fegQxhUTAU9261CzUwGu2KZuFNZ9zU3cDkZoKQZqGcF0dQ/lFgRvxnHHXHenbvmpDndkcHsaYXPNNO8SXEniC+03WMQ6qPtCafqSjatzGkjArjorKwBI9KsaXrl3rmsW+km6mEcOnR3csqOFeYyZIGQDjGP/ANdXL7wa2vaPqNjfxNZyNdS3Fpcxvl4nLFkkB9V5BHRgTmmWPg290mbTtTspbf8AtKGyjsLqFlJhuUXG1vVSpz25yaYxbHxYvh/Vta0nV72W4j094mt7iRCzmKRS2GwOSCMbvSu1t7iK5hjlidZIpFDo6nIZSBgj25rjLvS59Dh1LU5bdr3UL47XW2j3bRjAUZPTBNdD4djW30e0hitpbWNIlVYpFIZQAAM/lQBr9OaY7gU0txioyd3FMYpkpjN60YyKRl3cUxjWYAcVA6fxVP5eO9RS0hld+FJqPdlTUrfdIqHaeaQELDNRMoNTMMZqDcBmmAxv7tN2+4pWPem7vcU9APoaZfmqNoV2kmpSfMZNnzh13Kw6MD0I/wA9qiwz9AcYyCBkYzjOR059axYFeduw6VVlB57VcmXj1qtLikBSkyq5yTilRiV6VI2PSk3AcYoJGchhmhuc09sN0prLjrQIgC/NTZMrUjHbxSBd3WgCuz9jQsh6CpXt+9MaLZycUAJuOasltsfXmqq4J61I/wA2AKAJUf5TUueOKrR5X5atxjGM9KAJEbpTmYUwYzQwJ7UAOBHpTqdHGNvNHegBM45NDSDFDKcetM2k8dKAAMGNODbfpUYQjNTJHuHIoAX7QGGAKbkvSeThuKVcigCZZiGxU/O0mqcanzBnpVpm3ZAoAikk56VCzlmOBilkyGpEUsfSgB3mEYzU0bcVCY2HWgMVOKALPXioJCF70q5yOaZNCetAClhtpPvEVHg4qSNhmgAZflqMcGnuwzUe6gAkB60inmnE7qTFACM200ZzTZPvUm7FAh5XjjrUcbHJp24mmj73FAXJGNItI0npTSdw460Bck703cPxoU54pCNpzQMeDShhUXmCkEmaBXJ9wNMzjgc/Sm7jTl+UcUCF3dqVuFzmoy3Oe9NkzwaAF3Bqcp7VCuQeafu9jTAl/Gl61Guaf/DQAbgTx1psvSmqrBs8VIcN160gGK35UH1pCeuKarVSAkDU0yDNJkfjUDMS3FMCwWzTWzuApEbbwaRm29aAFZTj3pOnWm+YPSnYG3NAEUi7mBzimyelPZqaeaAGbsdaazHFK7AA1XaSgAd8VCHzntUp+YcdahlAoAVnK1E7bhxSs2Rx0phoATkc01pPal5qNu1AgzuqN+M0u7BqOZtozQBEy9ajZdvenctTG5oAbu9aUSHpxik/io4poAZQeoAGKYAf8KewFN3YplIDn6HvT/Qnk9M8/wCNRNkU5TQMHYUwfep/ejigCP1pDxTvu5phYZplIYzVBI1T5B9qgkxnFAyCRttRck1LIpaoj8tADCpY1WZQrH1qcttzUMnegCNvu0zbUnWmUAa2isZPgfq8uhzSvDBqM0p0+5cwmGFbhS9kT2PlnbjvvwM11vwf1K21201rV9OVLTSbu4RINMJG+0kjTbJuUcIzEg4HULk+lcvJ/q/FP/Y/Qf8AoyCtX4J/8jJ8VP8AsYIv/RLViB6cSQ1VpFG73q01VpfvUAQsveoyvNTN901F/FQSxOAPekbBNRP96lX7woGEi5qONW3ZHQVK/WkTvQIRmLcVFN0xUtR3PSgZW27eh5qWPtmoR94VMvagRZTGMkYqXII4NQN90U6OgRJzUqtxx1qKlXrQBNvLEUL6Gmr2pf4qAJVbb0obHXvTV60rdKAGqPmqdTxzUK9akoAeqgmm7AtKvSnDvTARFG7Ip0nC+9Mh6NT3607AQldx6U5l6Yp1I3SkAok8zg0xk+ahOtO/ipACgrilkbdxRTaAE2cZJqLvgVM33KjWgQ0p+dMKmpm+8KY3egLjMdqTlacvWigLjccZo2blzS1I33KBEOQOO9M2807+Kj+KgBNtKBxQ3SigCBmKGmiQlh6U646Gok6UCJi3ymot+2lpsn3DQBYDfKKb52G6U2L7ooX71AyTIbmlLA4pn8VLTAcCBT+tRVItMBGBHPalVqG+6aZ/DQBJuo3VFS0WAazcGotxqSmN3oAkX7vWl8vHNRrUvcUwEb2qF25qw33TVdvvUAIRTZHOMU9qikoANx4zSF6Ru1NbvQA2Rqj27qVqSgAJwDTGxtOaVu9RN900AM2/NRSUh60AI3X2qM0sn3aT+A0ARNxzTZcMtK3aopvu0AR/Q1GSV60qf6wUsn3TQBGWo68Cm0q9aaAfkBfemMaGplWNB1pd3am0Uhi7qNxpKKQCMajdsGntUU1BSEkcNjbUTH1oH3hSNVDGMetQtUrd6ibrTAikG2oJOTU0lQydDQAw9Kj2n2/KnUUAf//Z)



В полученных тиенами восьмое состояние находится в S-конфигурации. Для получения активного изомера соединение подвергают взаимодействию с диэтилдиазодикарбоксилатом в среде трифенилфосфата с получением R-изомера.

![Diagram, schematic

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4R0SRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjM1OjU0AAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAMwMAAAkpIAAgAAAAMwMAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NTo0NAAyMDIzOjAyOjI2IDIzOjU1OjQ0AAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAC2UAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAOwEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A7+8WI2+Js7Nw6Dqc8VQgknZVjs7MxRnDF+AOQT369vzqDUtrpt1MU866IVcfKOecY68frmri6VbtCkUm9wq7cliCRnPOPegCwNKtDtPkrlSCCeTwMD9KupDGgAVFAHQAdKQyTYKcFHpQIdt9qNntQA3b7U0qKBjCgphjX0pAMKIc9KiMEbDlQR9KYET2kJDAxoQ3UFRzVZtMtG3A28fzEE4UDJHQ0AR/2ZbrIsqRkSKcghj1xj19OKi/syEQNCAQjMWIB7kYNICvJosZZnSadXY5yH5H04oGnSpCY1uJOQBlyW6H6/5xTAihsLqDf/pW7cvHy9DjAP6ComtL8Pu88Md24ZJHbGOBQBdQMqKHwWA5I7mkIVicrQMYUjH8A/KoDbwNwYUI91FACPbQOqhkGF+7x0+lMS1giDBF2gjBA6UAQPp1qQw2EbupDHnjFSwWsUDuYxgyHc3PU0AdGUVhhlBHXkUhkSLaGO3cdo46mmSPguRJIVVSyDGJF5BP4UWl3dSsglsnjViQSe3LY4+gX/vr2oA0xUgpASAUuKAE3c4p3agBuQaQ0AVZ42eWJgxCrnKhiuenPHXHPB9apLLJYbFuZg0bDl2bkEBfXtwx6e9ICNFtxB5CyuBMzRDIHJA2/wAlz79akew/0E2sc8iAjaWGOOeSO4PX6UwCGK5SXMsyyIQc4GMHjp7de9TkUDGEVE68UARd8Zox60AMIqN+BmgBpWoZZYYOZZEQEE5YgdOtAxVKSKGRgw9QcimlR6CgBhQegppQelADSo9KZtA7UAbkm7YCgycj8s81WiyojiuykkyOrAg9M8Zx25zVMktwyS/ZN7IPO2njHeixvJ7m3RjAPMx8/O0A5xgdef8AOakC4k/nHYsbhv4w4xt/x/Clt4ZLK3WKNfNjRcAZw369fxP50ATgyzYIzFGO5HzH8+n+elQTPfxvtRUkXyzlgMYbDY49OF/yeACa3llZmSWLaQSQe2NxA/QCmXM8Dwywm6ijLqy8uMgkYpAUp4bV4wi6ki7UYKfNGQTjB+ntUkd/FbWrvd39uwjGS4YdABkn8c0AWLW6tr6DzraeOaM/xxuGH6VWlAuLzyWthmL545X5AYbccdf4j+X5MBkkKWbR+WgYPL91lG0E98/w849fYVnTRmTSVtVS4CuVKyM6sRkjGeQe+PagC5aS3VzbrO4MTk/6l0xgfz/H9KR2bUbWREXy0bgO2DyD2APIyKAJWuBESJhsA6NnIP8AgaiadjljC4jzjJ6/XHpQMqxajaTKhSTG/lQwx6//ABJqaRmETMB90Zx60AURqYLxxmF1kfd8p9jjr096tEllHGD3HpQAm7HB6+lZU8yXEcizwFSrvEAz7QwwTnPYHbQMdbzeUtrFHbsY5dxZg2RGcFjz3GeBVqKaO4TfE25c4zigAdljRnc4VRkn0FJwyhh0IzQA0iozQB0AHFUbaBLiWaaaAK28pgj7wU4B/n+dUSRLbKIvtVx5qNBuYxLIdrcdNuce9WrAw7VuSkwlaMRkBGIG0kdAMCkBbtHEby+YWTLFlLjGRknv6VbF1bqebiPpnhu3H+I/MUgHwXVvO5SKYOQN3Hp9an+XOM0AKNtUpPtI1FfLVDbFeckA7sN/9j/nNIBsou8y7QfvDbgrjGBnGe+c9ap3UGoTRSRmKOQNwysFKsuDxg9e2c/yoA0YreG2jEdvEkUY/gRQB+lKevSgCvcOkSAuEaTqit3NUZrS7n0xIk2QyqqlW3HqB3GPWmBaKzBuIoyPXzCD/Kqtqq2UAimwgQnDE8EEnHP40ATNPDn/AFqZ3Y+8OvpRuSQcMGB9DQMge0t2QoI1Uf7Ixjr/AIn86Y8c+T5ciKD0DJn+ooAgMd0GJ8yAkjn9yR/7NVaD+0/7SkEotjZ4G0qWDg9/bFADrqC4a4DxSYGFGM4x82T9cjA//XUf2eZ4z9oVXdB+7yOM46/XNAFZZb/7RFCgUqY1Z2dclSc+49PrS20TyM7yGNomUFRHlcHHPT8OetAEiNJJLLGXJWMgYxgnjuf8MUpV4gBEo2AY2Ht9DQMYVn2FhJ8+OFwNtQI94JkE0amMqQxU/wAWePwxzQB1gHFMlkEEMku0sEUsQBycDPFMkjtLdZN1zJGrSSnIJAOB0wD6fzrRRTQA54RLE0ZJAYYyKiOk27ymVy7SEhs7sYPy8jH+4v5e5pAT22nWtoxaCIISAvBPQAAD8gKtbR6UALtHpVOa0ma/jnjkURqMFG6E4bn/AMeH+RQA2S2umeQ7wdxBGJGXA4yuPwJz74qvNY3rwui3O1yoAcMevHOO3f8AOgDQ2ZAJ645phHzUAQzW6TPG75ynTB68g/zA/KnkUAMNQXECzoFJZSDlWXqDQBTm0q3lfexfcDkYPbcGx9MgUttaJawLEm4hc4JPPJzQMeU7Cl9jQBDL0x3PSo9hAGKAFNNbgdzQBm26fapmuyWUMAqqGI6E9ex/+uakSxhiXam9RnOBIR/KgY0wm3MkyMzkj5lbvjp2qE3snmshtzwQNwJwcjPpQIfbTNcRlmiMRBxgnPYH+tSEUDOgHSnAU2SSLUgNICQGpVNADxS5oELmmlwD1oGIXFNMgzQA3zB603cD3oAaTTCaAGEimEjNADTUbNzigBp9c1HvXPWgZGzLu3UuQaAGnFNIoAYf1phoGNxTTQA2mGgDfFUft0kxnihidZI/4iODlsDHHoM/iOtNkiD+05JIgwjRA+X5wSAPUH19hWqucdaQEg+tSL060CJBincUgDIpCF64FACHFNIX2pgNIX2pmQKAGk0wkUDIzimk0AMJphxQAxjgVH83pQAhBx92gZye1AwOcdaZ1GQeKAEIJ70wj3oGMK85zSEH1oAYQaYwOKAN+jvTJHdqcpOTSAeCakFAh4J9aXJ9e1IAJPPNQzyOiAqcEuo/AsBQA8Ek9arwSPI0u5s7ZGUfShASEnnmmEnPXtQBmXV3PHLhHwPtCp0H3fLzj86ntpXlWUu2SsrqOOwPFMCVyc1GxPHNAxjE5qMsc9aQACc0ufmFACknNDdKYEZ6GmABVwAAPakMXsaj9aYDaaaAGmoz1oA//9kA/+Ex5Gh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRvclRvb2w+V2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NDwveG1wOkNyZWF0b3JUb29sPjx4bXA6Q3JlYXRlRGF0ZT4yMDIzLTAyLTI2VDIzOjU1OjQ0PC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICA8P3hwYWNrZXQgZW5kPSd3Jz8+/9sAQwADAgIDAgIDAwMDBAMDBAUIBQUEBAUKBwcGCAwKDAwLCgsLDQ4SEA0OEQ4LCxAWEBETFBUVFQwPFxgWFBgSFBUU/9sAQwEDBAQFBAUJBQUJFA0LDRQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQU/8AAEQgAsAL6AwEiAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A+uk7/Wn9+u0d29Of89aTjtS5IbI6jkc4yaxkegeJWUcknhjULGK4k1Gea7nZNLghGYFi1LduIz8xORyQOB3rSg+FeoatDLba7qXkQW8b29pNpc7faf8Aj5Fwk3mYxGytxtXPGa7+Gx07wtYTtaWsdlbKTLJ5MRG5mbksRlmJJzn9KzZvGFrY3t897JbWOiWbeQ+o3FzhhP8AKWj8v2Bzu6YHPeoB7mpp1pbeHdJjtIWZLW3TJknkyzYGWeRj94k5OTipZvE2l2sOozNeRuLCFJ7kRHJjVwfL6Ej5scVyGsfEqxvrjU9PstJuL9Iba9UTTkLDPNBGGkhZfvYKt97GD2Jrk/F7Wuo6P41uHZbKG40LQ7p1hPlorZchT6oMgAHnigD2DRNYjvPJj1K3OiarK7qmm3s8fnkKcblCsdwPXIzXNfETx5Ha/D/xPd6LBeS3FnbK8VyYdibXcr5qM+NwGxwCuecVzt7pLa1ruqaWLCZdSj8R6fe6Vf8Alsyrp6LFlkm6L8qyqRnJ3dOc0uk/CfV7rQPFWkW4fw3pGsQLHFpd1d/a4bW481nklhALFI2BA8vPXJFABq2sv8MIfH40Hw5Yadqtlp1lqck11dy3Sz+bLIGXk8bcNhRxk133w81/WLzxF4x0nWbuG/k02a1e3uI7YQYjngL+XhTyFII65xiodV+Flv4o1LV7vV9SuJE1fT4NPvLWzAgjZY33hgTubO4nvXS6X4V03R9Qu7+0t3S+vEjW4uJJpHeUIoC5BbaCBxkCgDhLPQ7m3+Kl74YuIJb7Q9RuYvEsF3eO04h8sANb/OTgecImAzjDn0NczoOja6/jzQtUg8K6rawWF9qttc2r7YoYRNzG6O5zIWIDM/I5wMV7wsWVXC8jjJ6gZHGfSrKxvIGLMwY88Enk9eSfYVIHkem/DrxJc/BXwj4bltrSy1jR7+0uJlubwGNkguPMyDGrglhgY461Y8eeDdWsdB+JWopK17H4le0C2el2bXFxbqgSJ5CrAiRduSVC5wp74z61HbhVKjaq/TrU0cflj5QM9u3t1oA8c8AeDbvXNI1vRZ9Q1FvBupWZt51l0aLSnMjFVPkrtDMNm8MXHdcdMV3EPwx0NboXUrX91OdLTRmea7f57VekbBCo49QMnJrrPJO7dwf4ckDOB39vpVhV24GBQBzMnw38JyWemW83hywuodMj8uyS6j85oU7orPlscdCcc1r2OgaZZQ20NtpdjBHbBhbiO1RPJzywQD7oPt71p7Qx6U9cemKRRAsJVht+VONq9l9uOn0A/GnvI7YG5jxyrY5qfaDimtGNwxSJIvKPU/MR0LAfoewpq2xRiw4B64wf6A1bAHHen43L0oAhjj3dOPwpfJ7DFShdq8U5VoAgWADj9ad5WeFFTbaVRzQUVWhO4DtUjKFGAKn2jrTCvzUElZot3al8kLzmpyuKTbkUDsiv5Oe1HkD0qcrR/DQMrrFzSNDU1LtzQMqmHcPUUxoAo4/lVvbxUbKKBFJ4AecYb14pkdufl5+UVcdKRV4x3oAz5LT5cfe5zz0qIWrNnOBnruGSe2T17Vpso70wx+lBJmSWTTRuj9zkYO7n1zwewo8uTzMAKOd24dvp0P8ATmtErt7U3bnoKQGdcxySKdxZyx53HJb688VHcW/mxPE4EiuMN5iBg3HUg8H8q02TnNNCbhyM0wMC60m2uo5IpLG3lheRZTHNCrKXX7rEEEbgAMHtVObwjorSwTDRNP8ANhmaeKRbWNWjkbl3Hy43tjk9+5rqWj9TgVCU+brQM46X4d+HFht4Y9Et4ooLwX0Sxl0VJx0kG1hyPoc+nJqtY/Dnw9pviSbX7PTRaarNK07tFI6x+YwIMvl52eZyTux3ruXjLdelRtCDwRQM8xm+Dnh6PSbSwtzqdl9juZb21vra+YXVvJJnfskI/iyQykY59q6O18N2Fn4efRsTXljJA8E63chkecPu3lyT8xYs2enGPSunNuAc4zUMkAPIGD6UCPLj8G4rrw1faBqfifWdV0t7f7LZJcGMNZKHVlkBC5ldCibSxGAmKoXXwr1zVX8QzXviWzu7rWdB/sORjpxiUAF8StiRst+8fOF5JzXrhgGOlQC1CSZDYFAnueU618JtQ167jjvL20+xyeGpPD08kJYSbmIKyqCuMDb0yPvVk6h8OfF1/wCANd0qbSvDcOpTW0VtC+k/uTdssyP5jkqnloNn3PmyWNe2+THz3PvUZt/4sAHtQOx5b478K6nqPi1tWHhdvE+m6ppaade6Yl+tu9u6M7Asd6q8beYVODnK5x0rj9U8K+ItJ+JVzr66DcahpVnFp6y6VBH50VwViMUkkW7lniJXbv6qX6nFfQMcZGQ2Du6nFRSwsFHIB7dcD9etDbsUea/HJX1H4Q+JoIIrie5ubcCGGOJvOkk3oyjaBlT8vpxWP4NWLwr8RNSk1ee41KfxHDE2m67eFmLQp1s5DgbCjEsOm7PPIr1aSF8nB3YGBzgn8f69eKbFHINysdyMRkcAZ9hg/wD16V3YDhfHV41j8RPA8X9pyWMV7HqFtInnbFDfZyY5duRllYZU+o964Y+L9TsfD3irxZpGtXk2kWlu1lpFrfXBujczIw869IfJwvzFU6fKTjBBPuFxbedIpeCKVlG4M8a8EnkA9ccD9Kq2/hfR7W4E8OjadDJgoWjtEVtpG1lyB0I4x3HWmgPJPiB4417wXDr8Gl6v/aEVvokWt2l/exxzOq+f5ckbEBVZXB3K2MgEjtRrvjLxb4bm8XpJd6dqdv4et7TUJGksmWSWCYtuiG1htChWIJ656V6XJ8P/AA8+l6hpv9j2y2N8qpdQx70WRQchflbOASTjIA7AVkal8OdD1D+1lnt7g/2nbx2dzi6lBliQYUEljgjnnHUn1pgY48ea1feKri20nQG1DTbXU00642LiRVKKzTBgSuAGAxt5AJByMHKk+JWo6v4VvNY1fw1Cuk2mppbf6JqrK3nR3ghLMAgO1W2kAdcEGunk+Gmjtr39rRSajBJKIxeWsd2VhvvLx5ZmTGGIwORjOBmorv4Z28nhPUtBTV71YL6+e/eaREd1dphMwHA4Ljp2FIDb8XeJbTwtp0V3dF5DPcraQ4KqZJDycsWVQAFYnJx2HJAribPx4viDxF4KudNup7fS7+TULO5sZyioJo04yQPmIZWO4MQQRjNdR4q8KyeKNHt4Yr9tO1KzuUvrO+SIMEnQEAsueVIZgwBHXIPFZeoeDdb1S68N3V/q1td3On3k9zdtFE0SukkLReXCvOAA2QXzyOfWgClH8Q01b4haHBaTSR+H77Sr26MktoY45XiZP3yOeSuC2RjgcnHFdNovibS/EE80Fjd+bPAqO8MkbxPscAq4VwCVPOCOK89i+EviT7H4f0a4utLk0fSrK90wXscsiTvbzxCNH8soQrqFXIDkMR1AJrf+H/hvUtBVv7V0PRtNeG0jszd6dIWkvQp4baR+7TjO0knLHsKVgOtbWtLbUv7LN7btqHJ+yiUebwNxwucnAwT6A5rDvfFUT+NLPw7bGC7kntLi4kdLsFo5Iyo8tkH3fvdfauYbwffw+NruK50Ka/gudW/taw1mPUNkFmzqATJFuHzpyBtBBGAT1rD8KaZeWeoeCLLUfDOoI+lwX2n6peR2hkhlRlysvmLzIJGXdycjIHFMD0GDxE669o+jXOnPFd6hYSXwZJ1dEZGUSRDnrmQc9PetjT/N1CxtbqSCayaaNWe3lwXjyAQrFSQSCTyD615R4JVrGL4ZW2oW15arBpt/YXiNFLHsDBCu7jKEmMY5NZnge3h1ib4dW+oahfozafe280P2+aEvJDOjRmQhskkbsA9RTA928vcq4O+PH3iSVPt+YqJYSspkBxJjIbABHHTjt0pttrFpqCyvbXUV35crQu0bZKsp2srdwQQR79al8wfeApALtdOFdgM5+8Tn0/EZNUprQ7jtGF7AcAfhnH/66vLcLUbyA8g4oAzZtNjkaMzW8MzxsHTzYwwDDoRnofcf1rOm8H6LeRpHLoenSIrOwElpHhSwwxAwR8w6+tdKsgkXkjNDqO5FAHGw/D/w8JmK6NbwllVW8kMm5VXCIQrDKgDAB9TRJ8NPDJupZzo8cU7+cPMhlkQBZR+8AUNhQeeBwcj0rrvl28DnNIzKetBdkcFffDTQ72CaB4rxYJbEaayLeOM2wORH36etJqPw707Vm1US3OoD+04beK5YTjLCE5jxleCCPx3V3Unl4qs0ybtuKBHDP8NdPTVIr6DUtUs5Y7179I4pEKLK8eyT5SvR14IzjrjrUXhP4cw+CrmGfTNUuY1WAQzwtEgW5AYsrPj+JQxUH09a7vbG0mMYp7Wy0DsjPWaWBkaMA7PmVTgjPUfr9OM815hqXgvV/CGh2uo6Nfpc6zYyzRiM2xKTwXE4kZCMkjY7FlOcYUgjmvYDbLwKZ9lXPHB7UCPM/FHw+1PVW1mNNSt5DqGlwaY0t0pVt8TFvNZVUjrI3A6YFPuLbX9AuvEGsQwWN0+oG0P2ZndySiiNgTtHLA8E8CvRfscasW5Ynjn9TTPsa7sgdPegCup8tSMnjOB/tAAH69FH0zXnviDwTqOoXXiW2t4ITZa3c2tyl4bj5rRoljDNtIzuIQ7NpwCea9M+zoq7QPoc5Pv+f9Krm3WNsqM/WgDzO58L62smoG301TD/AMJTb6tCqzxpugUIHIyflPyt8vfNZa+B711v7G98NvqRh+1mDVU1MxiWKZi+yOPdlZSWUcjaCgOcdfYWhVxyABUH2barAE9OOaAPIdFXUdQ/sa+jt5dUSy8SSOt59nSOaSHy3jmadEONwb5cjltucdKd8NbPVvDmssdT0m6uILppY7S7kh+ewjE8jKhwcFHD793XOQcYFerQaesMPkxKttHkkCMYGSSxPuSTU72pZFG9vQjJFAxysCp29OO+QPxp2DSqBgKB0H0pdrUFHpKqOBS7fmX1zj1zngjHfjPFKqmn9zxnjpnFbyOc8b1Tx54mvtK1G4t4rPRYbKykvWOzz5pF+0yQhOfljxsPr/WqE+ivPrepmy0A+JLJ9ev4L+BZwoJeGExvIzMPMjyHBBz7Y4B9F034b2On/bTdXEmrJdLJCbe4QLEsbzNNt2A/NhnPU9q6hYwqhFVUTJ+WP5evsB9OPaoA88s/hfeXE1yb/UoYonutQfyrJd5aO5iEZGWG1SMHHynr1rr7DwPo2nlG+wi7kNtDYvJeMZS0MQxGrKTtOBnoBW5HAAwbgDtVnjIPagBixkLtBYR4A2dABjoAOgzVmGHC9eTyQBxSKwdgoqxGOvtxQA+OMU8KFNNXt9cfrUkZD5xzjrjtSewDgN3arEa7Vpka7sY5z0xU6ruXjkevaoAVVHrUiqKRVqTjtVgOVaeAKatO9KTAcFpyqe9C80/pUlDlUUjL82RT0Wn429qAIgpp+07elP4PbFO4oJI1U7cU/BpcUtACKvrRsPpTu1LmgBm0+lOWOnUCgBrx/LTQmF5qU/WmtQBCy0m3NS7aNuKAIduOtNZh9BUpFMKUFEJIPApjcHmrCxjcahkXc2BQSMOPrTOM8Eemc8CphH0x1zxzj2rldc8YXNn4osPDWj6dHqetT2rag4urn7NBb2yyeWGZgjEln+UADv8AmAdEx29ccnAyfXH+Ipu7Pb9K4vxF8R73wj8Pl8Saj4fmjuY7hLe5017tVKbpvKDiTGGUkqwyBwwNaVx4sNn8QtP8KXGmSB7zTJNRW/EylEWJlR0PAJIJj5HBzSA6Blz2pFXcwAGSeBT1yyg9QwDZ9+4/l+dcH8d9TvtE+D3iy902V4LuO02iaM/NGrSIrsMc8IWPHOM0ijtFkV1LIQ6jqy8gcZ5NBf27Z45ry7XNFsPh/wCPvhvN4etE0u01S8n0m/hgG1LqH7O0quwHyswZBhyMkP1rtLzxx4c069lsLzX9Ntr2LAktpruNJFOOBgnriqJNplLDKgsP9nn14+vBqHaS3HavM/ipPBB8TPAiX15q0Om31vqEM0OkzXIaaRVieNgkTEsRuJ+6RXR/CltcbwLpzeJDONTaS4VDeqI52gEz+QZBxhzHszkZ9aCjqwp9PemMu5sDk+lTMrBlXb82eB06cj+VeX+BfiLqXiDx5rWn30kL6ReRPeaAxUZMEE5tpyT3y22T2DigD0Z1I6gjPSoSM1zS/ErQX8VT+HA16NUgvFspIzZybEdl3R5kClQGXJGTg49q6UsG6EMP4WBzkUAIF9agmXHSrS8HmmyR7ue1Aip5fGaUxnb0qysXy0m3t2oKKezBpskXmdKtSIKj20AUPs5V6aYyuStaDx7ugquUxnNAEO0svPWmlRGOalb7pqqHLZzQAvuBimuit1ANSDOKjOOuaAIjbr1AqOS1HWrP40H2oApfZRt9Ka1vtU461cVD3FNlX5eKBlRoVaMD86hezB534I6cCrar2NIYtvOaBFEQsvyg4HXqcflTZLd0Rtr4HXGD/LOKvn020ySPdkigDK2STAsWb5j8y7jzjpVhfN8lo5HZt3JOc57/AIdPWp1HovFK4z2oAzJITkdB1JVc4yT1x6/40eUy9RxV8xqOvWk47igozvLyKgkUq2D1rVZV7CoGt1Zwx9aAKkMTMDjtRGrFiSa0MDsMVH5YQk9iaAM4hlYgnFRuWX3rTkhVz0pnkL02igDJbd1JNRxqwBY9a2jAh6ioHtUZs/pQBmLGWYEnHNTyyeWQg5HXNWvsqJyKjktw5zQBWaYnoaQXDKelWPs6rTGt93AOKAIlm+YmojKd55qb7Hgn5iaT7KIx1yaAI/OK8EUvmBhTvKDDmj7OI42780AQSSleo4qMXAboMVM0fm4Pp2pv2Xc2cYoAaJKSSYUNbknFNa2Zlx0oAlRgwBHNPqOJSgwafkUFo9LXOBin4pI8r27UuM89q3kc4nA96N656Ur47c1Dt3HioAm5Y/Lk/Sn7yqjdxnkfmR/SsnxJq0fhfw5qWsTp5kVjA85TjLFRwuc8ZOBn3rI8P61q+neLNR0PxBe2VysWmQ6nHPBbi3SAM7xyRPychWA2scZDUAdReapa6RY3F/e3EdpY26GSa4lOEjUdWY9hTPDfjTRfFkl5Hpd+t1LZhDPH5boyq4yrYYDKkA4YccHniuZ8W+JdG8TfDfxxFpGp2upLBpV0k8lqwkWN/JYgbunX0NTeD/DesWelN4jt5tPv9f1TT7CKLzjLHawW8aEouRudyPMck8dcUAegxKWZVHQnAbHHsQen41wPw++Id/4o8beJtH1BYYbSMJeaM2NhezEjwSs2RyfMjJ+jVtWlp4us9J1aW61DTtU1eS2YWVtY2htYY5cMBl2cseoOTjpwK5rwj8HpfDOueDdX09rXS59O06Sz1eFpZpnuvMCZVWLYGHVnz/tdKAL2ifE7VdUuryabwtJFotvf3OmGS2n8+5lnhPGEwEVMBslmA4HrXf6DrFt4i0ix1W0LG3vLdLiMyJtYBhnBX+E+1clH4FuND0HXLG0H/CQx6xqU17cWtzObHYkzEuokjBYkcdSM10ngvRLnw34T0fSry6F7dWdssDzAkg44AHAyAOMmpA216U5RSKpxT8UrgPWnkdMU2NS3QEn2p0ZV2cK6syHDqGBKn0I7UwHR8VJjd0pi1IlSA9VpSKUUuKAAA0qqaVeRSqKAFVaGGBR9KRuBkjigBu4etO71Xm+ZQw45o6sATQBY3Dd1p1QyBQuM4NSQ/dGaAHU1ulPbpmmNjO0kbvTPP+eaAF3Ck7mqrz7HxuXnpyKmt5TLGDjPPbt9fSgBzdaa1K2GPHI6ZHPp/iKb+JoAbyuTUbCpW6VGwoAYw4NcD4j0m/0f4oad4utbG41TTZ9Hk0i+is4RNPAVm86OUJnJUncpxkjIOK7/ABUDEM23Z75xkj6e9AHlfxX/ALU8Z/A3xII/DuqWl/cSCO204qxunRLhDG5VORlFLdQQRj0pi+F4PDPxs8I31jZaw9jcaPew3Vxdvczxwu5heNXaQkRlijDaSOnIr1NnIycZI9cEn9P60zzGg5BK453YA/l0/P8AGgDg/Dupata/Ey50O+1G8vIn0xrpDewxKbiUSgFofLGQiKwUhiDnBxxkdpdWsF9Zy2tzHFc2s8bRzQygNHIhGGVh3GO1cB4v0/wZ4dt7tppbnSrxkARtNuZHurVZriMB4kLHYGm8rdtXaeM5zg3fDfj15dQbQddubOTVlLCC/tZALXUQpwzJ8xCyjGHj+8Dz0OAAX9G+HOjaBqGn3afbrt9PiaCwj1C4MwskYBSIlPAJHy5PQYFbtxp9leSEz2VnPICN7ywo+W9SSuc4AHJ7e9c54I1CRfEXjbTLh2eW11rzI1mO7bHLbwyqADzgFm46jArlPiNrGpaT4tlTVNa1bw74fuLSCLR9Y0991raXuW8xbrCnktsxuwuM88UAdtrvhBfEHijwzrj389lc6JJNNHDHGrrMJowjBt3IG0dqua94V0fxVHFFrWlWeqRwsXQXEYYKTwSPwA4+vNaijav3lIGMlehyeMep5/UetDNt4OQfce+KAOai8GWPh/RdUtvC9pZ6FeXcThJgsjRpIVKh9oftk9D1xXFWHwZk8N3HgHUNBXSbHVNDJj1K4xIn26F4RHKowpJZsb9zfxAdiSPV35Xjk0nG3B4I6+1UB51d+GjpOpePtV10Wr+G9USzlKq771EUaxsHAHTIQ/Kex55qP4Nqw8N6nGxiYRavdBXsyWs2DFX/ANHJOfLAYKB6hq9E+ZGJR9rDo2cYPX0NMbLY6kAcZ9PTqeevTrkUgGbKbyOvSpRTG5NIoaOmKbg05l6Y5pvIbBBB9D/n2oAYw9aY2O3WpWU9ccU3aPxoGQNTGHy4xzU7R+1MkHTFMCm8RGarfZwGyDV6VSfpVeSTyyB2NICs6tG2KRULL0omkYPjGRinRSHO08cZoAjOQelSBTtp+1W6UdKAGYpjCpMjNNIyOKAICnNAXHNPbqaj+bdjtTARl3DpTdu1TkVIwx9KY33TSAqSSFSQBTIZPOB9qW4B3CmWqFd3HBNBRK60xlqZlIpFHXigCDbTdu081OVHXNRsw6A889TgYAyc+2AaAGbevBwDjOKRlDCuZ0zx/pGsXlpBbG6VbzzFsbie1ZIrvZywif8Ai4BIB5YAkZp0nxA0S1stZup554LfR5/s987W0pEUnHGAuW+8OVyOetAHRsoUVGw9KcHEyK6HKsoYHpwRkUJx1oAix2NMZfSrDkMaZxQBAVpNtTYHNM4z7UAQNGO9Rsu1qsSYzxSMgNAFb+Km7S3FWPLqMrjNAEAXt3o+o4qXaB9aYyk44oAZtG7jpSEYp6r83I4pHAzwKAImXuKaBUnrTCvy+lAEZxTNpqRs+lNoA9QGMUMB26etLGMg0uORjAOfvEcD3rpkZFTULy302xuLu9mS3tIkLySOcAKBnP06dKraLr9trupalZ26y+Zp/k+YzgKpMsfmKEHXG3HUVw+oWNrrHhPxjq1yq/2m8Op2SvOxJWGMbVQDOMAxhuRj5hWJPZXUOj+OUn1W6u557axnivZ5RZx3BFu52q6ABtvUAckhR61mB6n408OHxd4R1rRBKLSW9tWhSWRTiN85ViMZxuAzx0zUPh/w7fXGo32t+JYLFtRurWKxNtCxlhWJGZjkuBu3OxOCMYVfStDwzqlv4i0Gw1GzWYW88YK/aFYP02/MMcnIYn6jHWoNG1zUNa8J3l5a+Uuqobu3gCthfOjd441OeOSq9ePmPvSA3pdPt7zTXs5rWOWwaMxtbNGBEykH5dvQfgO9SWlpFY20NvbQxQQQqI444UChVAGAOP8AOK86+EOpW1/HqRaXWItejSCPVtO1p5C9vMFYlow+fkfJwUO35QABg16QrYUGgCZCP+BdqliG3BwQWGeRXE/FbxZf+Efh7rOraZPFb3doiSLJNEJFxvUHKtx378cVW+GviLUdW1TxVE+sDxHoVnNBFYar5UamWQxkzx7owFfYdnIHG7FSB6Mq59h3J6VIuOmMGuX1vxrbeGfs0LpNqOrXbFbPS7LBnnYd/RUBIy7YAHuRUemfEazfUo9J120m8K625xHaagQIp27+RMCY5B6Ddu65FSB2Snt3qRVLdAT9KiTIGCCDnFMvL6102wnvLy4htbOFGeSe4YLGoAPJJI7igDH+IGiar4k8D61peh3i2Oq3dv5dtO7FV3bgdhK8jeAU45+aua+E8+kR6vr1hH4RbwT4lt4rb+0rBWU28seH8qaJ1O11OXG4YORyM4rokmsvid4VvofK1XT9NuGUW94rfZZ5VVldJoSDuVdycFl+YZwCOam0/wAFw6PHq09lqF2mt6kkaTazdbZ5jsz5YKkBdi7mwu0Z3E8cVQHSxp8oI5+lSY2nHQ1w3/CVeI/CeP8AhKNJ/tbT04bWtAiaQBfWa2YmRfcoXH0rq9D1rTvEWnpfaTeQajZN92e2cMn0x2PseRSA0VIUZPSnlSegzWXrniLTvC+myX+qXkdlarhfMfOWY8BVAG5mPQBeea51rPxB4/XF19o8J+Gm4FshCandrjo5H/HsvPQEuQfmxyKQHUafr2mahe3lla6jZ3N5Z/8AHxbwzo0kP+8oOR26+orQ9fQZB9sdv1rlrr4X+GLqytLeLSY9KNmCLS70wi2ubXPBaOVBnJzk54bvVzwppevWM0ljq+qRa1aHYttfCLyLzk4ZZFT5Scfxrj1wOaAN1VaRiEUyHn7gz069Ka6syMQMhTg47H0/z6H0r5at/G3iHRfhVqOjeJ9Vv7mfUrR9R0HWpJ3E2Yp/3to75yXQLuGDhlc9cV6v4/updD+N3gGW1tNQvvO0/UojY2s4XdsCFHZZHCMVDvyT3+tAHpjQsQA6lT2BFK1v+8ychlGCpFeSfC/Wv7K1D4q3d1Z3loLfXt7WDL580atAj7FVCwJLOxAUkc+1eieH/FVp4ga/jtY54biwuBa3dtcxeW8UhRZADjg/I6ng/wAQoEbDW4kYbu3NJJuXGPyp+5sZxTJNzY29aQx0cnK92B/i6fj7V5n468U6nZfEfwto1t4mj0DRdS067nllmgicCeEoU+aTsRJnGQeK9DaNhMAx4YY+nvXK+LPBF14i8feDta8nT7nTdIS6S6t7xmLyecqrlF2Ffl2A9RnpkAmgCD4TeKtR8b+CYNU1SOPzjdXECTwKyQ3kcczIk6KWPDKuRg4NcB4p+I3iPw9ffE2ZfFFlBceG5YJtL0m8tYSL0SQLL5XQOWJO0FSSM17Brfg3Q/EsljJqumW99LYn/RmkQfuQSD8uMYxge3ygAd6xND8F3Gn/ABK8WeIbyDS57bVTatakAtNE0MQjOcx4UH/Zz0piZx6fGB/Cvi7xnb+JItTfTrKy07VI7eGw87+zIpYXaYOVUEIrDHzZP4V6xFqFpc+UIbiORpoxNGgYbihGdwUdsc59K4HxH8PdU1XXPiBdxTWK23iLQItKt/OlkDpMqyq0jjaQFPnHpk/L0rln8PjSvEHge1WK3bV9Nu7aDUobO1kE0kv2Py/tC3BALwIpQlMYPI+9gFCPaS/PPTt70jMMVGtu6MTuyCTx6Y7+w5/QUk0TDndn2zzTKEaTnjmjcxP3acgPOR061KpBHSgCk0RbdgEnrgCo5P3ke3jcP5+n1q7IoP3lGPcZrkvHfjC48KSeHRFZJex6rqsGklnuDE0LS7sPgKQwG3pQByHxj+GN941jjvtPnjN3Z24W3tliSKaSRplO43R+ZAqknGBzj0IOlp/w30vQvh7J4f1drZ9Os7ie7iu7WFbM2w35WUMOFlXGWkAAbqVANbth4wnu/iLrnhX+zGgfTbC3v0ujPzL5xZQojKjoyOMk+nqKm02abxItpqSFoNKuLWS3vNH1GzAl8zJAO71GWRv4WXoTQB5v4VvtQ8B/EHXj4xvBJY6jFZtZeIIoittcBFdN0zDIgkYbc5O1sEg+nX+K/Bmo+LrPVrW38QrBoms2C2c1nJZidI0KsGeFg6hSwY4zuGQD1ArrLTTbbTtOhsLeCOPToYhAls33FjVcBSDkYwO+c49zXMSeAJ9EaSfwff8A9jEtuk0uaIy6dKx5/wBXnMLH1jK9T8pzwrgQfELxBL8PfB+nyaa9uCk8Gnxx3vmtLLGUKARmNT+94BBYFeOTWB8CfHmpeMNHls9We3N1p9ragksRdzMyEvLMgARQxHy7M5+bJB4rof8AhZlpo8q2fi21PhK/Y4Vrx1ayuWAz+6n+6SRn5Tsb2PUTeF7zwrpun22n6Bf6Utlbx+XBHa3SOETcTsBLE7RnIBz949KAM745T3dj8HfGF3YXM9nf2unvcQTW0jRuroQ33lIPQH169K574Z60+qeNdctNI1LUdT8MW+n2zt/aTO8tvfOSxjUuofBiKMcjGSME5rvvFnhuHxt4R1jQpLxre31O1ktJLiAK7IrDDFQTgnGep9+1eZeI9U0nwL4wsNRs72bVfElrpiWWo6TYwoftkSDMc0zEhLcrgkO2SVYgA4WmB68rDGcg+v4daqaXrWm69FJLpmoWuoLFIYpDazLIEcdVO0nBHpXD6Z4dufiNYWupeJtVW90i7iWeHQ9KZ47NkYZVpZDh58jqDtXqMGt/VPANlN5V3orL4d1aBBHHc2UK+U6r92OWEAK8Y4wMZXsaAOn+XbmomwOe1c1pPjCVL5NG8R2q6Trbf6lkcvaXo/vQSdyepRsMP9oAkbmo6lb6PZS3d9cw2VnCu6S4uJFRFB6ZZjgUASyb2jkETrHNtYIzgEK5B25B98dq8l+Fd7PHq66brupavY+K7Oyb+0tJ1S4ZoLlty/6XBuYrt4I+TpvwQDXd+H/F0XiyS5Wwsr9tI8tlGrTJ5MMzHjbAGw7KQT8+3HHB6VlaL4HuNI1zTdVvNevdbudKs5bKw+0osZVZNm8ysuS+dij2G44yaAO0fOCGBU5xg0zbXM6D40iuryPR9XtW0DxAFA+w3DgrPj+KGTpKvPHO4c5FdOx2/Kchs4wRzVFDW4HWoGBboM1O2Dx1PpWF4i8UaX4Vs1udTuFjSQ7YoQC8szngKiD5mbPYD1qBmk/+rJ7HpVKZDIo9c1V8O+J7DxRFK9o7x3UR2XNldRGG4t3HUPG2GUHqCRg9s1ogfLvBG3+92/z/AF4pgU/LKtkjtTZoyzx445zV7DMvQ+vQ0yYdAeuPT9aAISNppGbauahmlMTc9KGm+UVQCSSYHIpIZhKmV6VDNukBUr8p/wA/zrn28WfZfE2q6Gum3UstjYLqJmjZMSo28YQZzuyjdf7p9RSA6nAyeR1x1pjfKM4OPXHFZXhPxJF4s8OadrNvHLDb30CzxRzY3hT3OODnisxviNo39oCDfciFr06ct8tsRatcBtpiEo+UnII9Mg85pAdMw3LkHIpnHesv/hKtLbxA2iLexHUVhE5h3gHaTgYHrnPHXitM4CZJwfegCvcBTuBOMio0baAntRNIOGzyDUELHzTu4B5oAudsHmlxwaRcNTmIC8Hmgorytt471C0PnRSRMWjEiPGXXquVIyPz/LNQ6tdG1t5pkR5mjjZxFGwDSYBO0Z7nGK5Pwf8AEax8VT6db/YLrTJtSsv7Rs/tPluk0IK5AZGPK71+U4PIoEcZpel3x8M+AvDBsLuDWdE1K2+1f6M6xxRQBleUSdAjqRtwTncByciqHjLR557f4xKmoXVtDHHDdi1igjZbgi1iyctGTklAvynqOcZ59sh1WO41S80xd4ltYopW3AMuyQuFA5yTlH+hxiuGt/i8W8cDQH0ydCJRbRxo4klSXzWUuTvKeWq7WGMtnIxTEdxpt0l5p1pOmCskKuCPcD1/zzUrH86yPGXiJ/CHhXU9b+xm+/s+L7Q1uXKs4yA2DyCeR2FRR+JHbxinh+SykWU6cNRFz5oZSvmCPbjaDnOTmkBugCmNg9DT2zyPTr7VHx1oAbuGCKaKftzSFaChuzNKVG3FL7dKXqQMc5oArbSrY60jIcZqVvvA5GCM9aRjt7UAVj97FJipmXPOKY2KAISppPapOc+1NK96AI2BpjKdtS8etRvnpQBHxjmmcU7aabtPpQB6jDgdakxtbI4/DJ9uvvihUHGKk2jNdMjIwbLwXpdjq9/fhZ5nvDKWgmmLwxebt83YhH8RUHn1Nat5bW9xEkc0UDxRkMiOo2R7VAUgdBjk/hVlwME47Vh67YnVdH1C0EcLm5t5IQl4rGJtykYfHO31xyBWYGXb+J7PW7jUdS0G4/tHVLFfsR08y7FhPnEFmTjH3Mg+ie9O8AyC70XxLpVvc+Vc2up31sXtzzb+YxdWx34kDDPXIrlfB/hzVPhz4dfS4bppta1W5aKyt5sSxQsuVM+eCVC7XYEkdFHLmumj+Evhp7W2UWMkGoQrzrFnM1vfSOxJZ2lTBcsxLYbjLAY6CkBraB4efQry9v77Um1fVryOGG4vWhWBdkQYIoQEheXc8nJJroSw3KC232biuDlt/FvhjzzaazYeMbKzjZ5bPVCtnfxIASR56Blz8p+8ik+tcb8Qfi5430nw7pOo6f4WsdGttWRJ7a+u9RW9fb8r7WgjUE7lIHykgBiWxigD0r4meF73xl4F1nRNP8hLq+t9kTXbMkX3gckgEkYB6d8Vy0On3PhX4garaeEmtp7/AFa3hmvtGaPZZWFwFC/bGkGDGGAH7sDMhUEetQ6brXjHXPhxJ4rl8WaPZRfZJLh4dB0xJwuwsCBNIWywwegGCvGeh6++0k+Cfhndt4aa7t9TZI7kTW9qL26ubhmTc7oWXzGfkEkgKpYjGKkRseEfCcHhl7i5a4k1LWboAXmp3CjzZschAvRI1z8qLjGeeevQalpNnr2nSafqlnDqNlKPmgnTep9xkEg+46frXkH7PK66U1GW/juF0zNxFbeTcq9lFKt1L5sYQ/P5gYn5iWG0AAmvY/MZsAjB9c0hHBa5p+ufC7Rb3VNBvf7b8P2ELzy6HrEjPJBGiksLe6wWAABOxwwIyMjpWxo3ha58RPaaz4tmh1K5+W4tNLhBFjZZAKnYf9fLjGZJOB/AorE+JOoz/bNZ015nFnceDdUn8gfdMimNd31wzfnXbeFZjN4a0aQ9X0+3cn3MamkUbrFpGLsSzHlmJySf8+3PfpTlHtUMcw5wak82gCeNjGQRwe1c9rXw50jVNQk1W0a48P66/LarpD+TLKf+my/cmHs6n2IOK2wxyKseYABxmgDnPD/gW303VI9W1XUbjxFrseRHfXkaotuOmIIV+SPI4LD5jk5NdTt2qMcY6KDkAegz0HsPxzVUyjzBxjtU7MdpFADy3yj3p8bbcEEbgcjIJx3HcVFGc44prKS55xQBwN/8FdK134anwZrN7Jf28dxJc22oRQCKW2kaRnDoCWAI3uvuuBXQ634Lg1fxTofiA3lzb3GkRXEcVvEIzHMJlCyByVzgqqgYx0znrW9g9KRQ3Q9KQHJ2Xg8+GrnxbrGkNJf6vrTC6a0vJUSAzomyIBlQELgJnOenWovh1ous6Rps6a3YW9pfSzC4nuI7sXMl3My/vJHIVQoyFCqAcKAM8Cu18odun0o8v0FF2KwjSZUnoMdawZfiB4UswyT+KNFhdWwQ+owgg+n3q6FRj1B9uv4Vkanb6HotnPe31tpVlAg3S3M8McaD3JI/nUjMe6+KPgxZlJ8XaIR7ahEf/Zqd/wALY8FJ18W6KM/9Psf+NX7u80LT5NOEz6XbtfsEtNwjAnJxgIf4uoPFaojtMgfZ4VOMjEIH9KAOdb4s+CF6+LtFz/1+R/41C3xc8EDP/FXaLn/r8T/GtnVtW0vRbOS81B7WwtIyFa4uAqICTgDJHUkgY96h0fXNG8TWpuNKurLU4lcxmS22PhgMlTgdQCCfTIqhGTH8WvBcnXxboZHp9viB/VqSP4teDdu0eMtE3f7OoRY98c8fnVnSfFXhvX7yW007U9JvbyNWc29vJG8m0dWCjkgZHI9R60mva9oHh9oo9UvtL05pT8i3flKWHrg9vfpweeDSERf8LQ8FN8o8W6GR1H/Ewi4P4tXjnjz9sTTPh546n0bUdLh1vQpI0mt9X8P38c5KnIYSITtLAj7uc17Zf3nh/SNOivdROk2thKU2XNykSxSbxlQHIxyOevIzivHfGX7OXhn44+NJvEl34r8/SIY0tYdO8PpCgjwNz+Y4zksxJ6DgDng1RR13gv8AaI+H3jqSCPS/ElvDdzHC2eog2k+fQK+AT/uk16cGC8V5z4L/AGevh74AaKXSfCtmLmM5F1eZuZwf7wZjgH6CvQvNGWy35jmgB0jZXrXnPxu8P3fiTw7oMFpp1xqRt/ENjdzxWwOVgRz5jHBBACk9OeRXomRIuV5pjLyOgYHIJGRSA8z8L+EF8K/GzWptP0q6tdGvtBtoRdESNCbmOd327mYnO1x+R969MYHnJ5+uc+5pijy84OPbA59eaSZhH1Py9uOaLgKc+uB3rzP4r6PfNq2ka3JpsviXw5Y29xBqGk2zlZkLlStxGNw8xlCsuM7vn4Br0hZAzcEcHv0rH1rwuus6laaimp6lpN1bQyQCTT5UXfG7KxDB1ZS2VGCBnOORTA4XV5tJvvh78Pzpdw2raG2s6ULeSclmmjD7CH3dSOV5x1INdDqnhPwnL/x9eGtHujk/M2nRZPPuKz/E/hyy8IeEPCOlafGyWNhrmmRIHcu3/HwCSxPO7czZ5PJOMCu0uLGObJI3DP8AWgDz7UPhl4Pn02/ktdBhsJVt5GWa0kkgKMFJB+Rh3A/HFYVn8P4vFHwh8H2mjQ2Gm3RittQluGjcTGRoD5kqMjDMrFsZfcCGOeDg9r8Qteh+Hvg/UtensbjUbS32rJBagGTDsI8gE8kFxx1Pasj4datYWGieCfDUO3UGm8PrdRanbbfsrrCsaNwTvDEsnb+L2OACh8DfCOoeE/D8r6nbRWst/DbTBWd/tCkR4aOVSSg2H5V8oKpAzjNemBx3I/PFQS2aR5YLyxzuxzj3P6/jTGtwV6H1FAFLxTFo91pJt9dSKbTpp4oFjlUkCR3CptI5jbcRhlPB5yK4b4f+D7HVZNQvtbluvEV7pmrXdlZ/2tP58dvHG4CfJgAuV2ksdxOeTWv8Wk2eC/O+8INT06bH0vIcn8iaPAdubXUvHEG9mKeIpj7fNDC//s1AHbO5bGWLdhu7e3sPYcVC0asSGGf8+vaq/ltuBDkc96vY+Uc5oAydc0Sw17TWstQtUu7Y8hWyhRh0ZWX5kYc4ZTXNM+v+C1Uv9p8WaCv8W3OoWi+jKOLhB6gB+hIbqO3ZM1VkZkfKkjHpQM45fFWt+NP3PhWzNpp5+WXXNat3jiHqIYDh5SPVgFGOc9Do6D4F03w/cNfHzdW1qQbZdW1EiS4I/uoekScfdjUDFdRvMgUsdxx1PWo5COgHHrQUc74i8I23iCRLtHm03WIU2w6pZnbOo/uN/wA9I+21gcg9q4H4uXPiXSNQ8FX2m3r3ep2pupLu0t2ZItREcKu8WwkgEqJNmT8rYAODXrbdjjOCD79a53UPDi6xqWk6i9zPDcaXJI8UcO0K+9Nh3ZB7Z6UCPIdR8cXOpfDD4ha/our3W5L5Liyuo5N5hRorWQoFIPAEzZGM8exrrNP8bNq3xVisIru/g0g6C10bW+tmgxMk6oXy6KfusOnHNWbz4N6YPDfirRdPnk0208R3D3E4EayLbs6orhEG3g7SevBY+grUuvB1xeeL9K1ybUdzW2lyaZLbtASJgxV2kyXO0gxghQCDQBpWesWeuQyvYXltepGQrPbzLIFJAIBKk4OCD9CKt2sI2jua5P4f+ZeXmtX13ol/ot5dGLEFzaGGKKFFKQxR9nIUFmZRgl8dFFdfGrRjOCB7jFAyVo9gY4zwePWvNtc8GjWvi5LcXlpqcWlP4f8AIa9spZoY/MSZ32MyEZ+V+hyD0wTXpjONoOf1qB1GMdVPXK98ceoHPtQB4ppP9v8AhP4G+H7u0F9peo6Rp7edaSWS7wyZO+VZACI1UEkqNxHIrELXcPwt1PwYkMh19tSb+z/LjZkuFkvPtEM6SbcBAr5LFuSuDzgV7jrnh/TNdhRdQs0u1TeAGkaM/MMMMqQdp9DkHuKtwsY7dIlfaqgABRhVIzyB0A54GOKAMttBs5NeGs/YojqKRGFbgqN4QtkY98qeeoGfWrcchuty7NoU9j0qycrwoBPU7T1/z/Wq0bYaRV5YHLAHJGfX0oAd9nXdjFI9qtSK44JOAeAae3rQIz7hjYqXLZjXk1EJHvJDtzx1xVXxj4gtvC+iy310jyjekEUMWN8szsFjjXPGWYgc8c1zsPjZ9F8N63qWpaLfWa6ODJNbgo7SR7A5aJwdpwGOeexHWgLnWzWqzQSK25wUIKqcbuOnv6D3xXjfwy8H6z4Nl8J3t5Y391H/AGe2lXEdwC76TIHDbkUDiJwihjzjanOM16bH4ttpPEGnaQlvdJdX1k1/G2xGjVAwUhsH72WHSr2ra5aaHplzqWoTeXawgGR1UszMTgJjPLM2AB3zQBhS3EOl/Em8muJVtY30SFvMmcIv7u4mBOSQP+WnPXHcVzdxqHgG41xLqxtRrd7GpItdGtXuIfOMnmeawjG0SBjjcT0JHerFx8L4/HUia34nSS11rO6xghw0emR5JWIxuGSQ/NufdkFifQGtiDxBqnhOGODWbNbvTlGBqmiRExqPWW3BLxnHUruX6UDKXir+2/GXgHxRpw8N3WnTXVi8VrFeTQ75nbO0FA+E2nB+YjrVPRfCT6F470zUbPSGsrSTRZLW6lWZTsnMqOqkbyeisMrkfNXcWOp2uqWMV1YXcN7ayjcs0DBg2Rng5PbseRVlQTg4zmgDifiV4iufDsnhiSPWH0TT7rUGtrydY0YIrQyPGdzg4IZAOnfHervw41y98Q+ELe+1Eo0jzTCKZU2C4hEhWOYJ/DvUK3A5yDxV7xR4dPiBdHYXf2P+zL5b8EwiQPtR1KEEjghyM5rnbO5svhtc32j2M93rUtzM11Y+H7OMNLaByS4JJ2pFu6F9oUcYOBVMDuuFbGQDS4PpXInQvEurYu7/AMQDRblebew0lRJaxY7Sl+Zzzg/dUZ+UcVY0/wASS2epLpniG3j0vU5WxBIjFra64JzHIeQxAzsbB4ON2MiSjoiDmlRRK4U5weOMevvx+f8APFLJkArgg9MHg1lP4k0uLXrfRTdLNqcnzNawqZWjX1k2/cH+9jOe4zQBzPgnxhqfiq+la4OnRRwvLHdWESut1ZSCQKiy7mO7K5OdqgV2YwUGDk/WuRt/COqXXizTtb1CfT1kso7iJprBGjmu43OEjlXAUbeOcnJxjHNbGj+JbbWLiW0ZZ7HU7dR59hfL5c68/ex/EvIG5cjkc80Aau07cUmAPrTpMr27ZqHzOeo9/agAaMnkc+1MPHB4Pp3/ACrE8QeNNM0W6axb7RfX6APNbWFubh7dM/flC/cH1554GM1pafqlnqlnHc2V1DdW0pJR4WBHuPr7UASt7dKjk61MUYjgZGcZHI/OonRvlO0jcSFyPvY649fwoAYKd8vr+lCqeRjkdR6fX0pn4j86APVI1+Ud6dRDhV21IAK3kZEMy7kYA4JBGfSvNviF4+n8Oza/Ywz2mnXVrY293ayTMrPM8k5RlCt1+VGxjvjtmvTX+VgQcHPXGRXm/jfwNfeK9b11ore2RL3RYbK3vbnH7qVZnZgMZYfKQcgfj1qQO7t/D9rZ65c6iGZ7mSNbZJGwRDGpJKpgdzjcfUD0FaCgKpCt5b9EbGdpJwD+HX8KiVizFpDukbkn0OBn8M05lEkbhl3AqVIzgkEYIyOnXqKQHlnw8tZPDa63oGsaFDp3iaz0jzJ9Wt2EkWrWwZwJiwwQ4fduDLu56102k+EdL8YeA/DUWrWm+RdKtxHcxNieEMkTMEfHy5KL0HTIzzViz8FWXhXQ9U+ytd3d2+ntA13fXBml8pEYqmT0UEk+5yT2rV8Fq6+CPDj4xGdKtWDkYG3yV5zQIo/E/UdP0nwHq8d7cW9mt5byWNushEayTyowSNeMLluRz3Oa1fDuuwTXj6E/2hdU0yztjeeYhEYLpwM9GOVfof4T6VyfxcsNL8YeDdNsbiaG90261yytZ3glVgFaUK2CM/MM8e4FZPwfTxFZ+LfGek60y3Gr6TZ2NhDeXDsY7yNftDRSkjnlXXcB/FuqWI9ghUqXG0KxOcYH4jt3yenfrU8kTbQdpGOc4rj4NJ8fzoFfXPDOm7gGP2TS55yPUEvMoz+FTN4M8TTJi6+IN7GM5P8AZ2k2cJH0Z1c1IFLx9otzf60L+KEy2C+G9VtJp1IKqz+UY1+p2t+XNdH4Dk+0eBfDFwDlZNIsznPBPkrmsqb4ZrqKut94w8W36SKVZG1FIVIIIIPlRL16cetU9L1C9+FMdvpepmTUfCEOy2sdZjhHm6fHnakV0qjBRRgCVQB/f5IqmUegxwFVO75TnvUiw/L3z16Vk614s0/w5HAb2RjJcyeVBbW8TzzTNjOI40BY8DOQMYqt/wALH0L/AIQ5/EwuLhtLRzEF+zus5l8zyhCsbANvL/Lgj36c1IHSxxjrkE/WrKxYAypHJHIx0rkdC+IVvrHiabw7d6bfaJra2q3qW1+YylxBu2ko0bMp2HAK5zyDiuf1n4wzad4f1fxPp+gJqfhbSZnguLr7UI7mWOGRkmlhh8vDqhDcMwLbflzxQB6a0QZ16A5HGeRn1Hanqu9cjketcR4k8fXOk+MPA+m2r2D6N4i+0l7q4LB1WKLzQU52/OpA54ywqPwL4w1LxH428d6dc3NldWOi3kENpJaxbWZJYvNwzbiMrnaQAOlAHeqm0U9UVfemb19abJI2w7evagCXjd0pWUdxVCO7kK4frmrLSbtoz2oAlVg3FOyqnHeqKyG3ZwTkdalXLLvPegCxkZ6VyXxihW6+EvjaIqHVtFvMqyhgcRMeQeo4/SumXJ5Bqhqtnba5pt7pl7CLmzuomhmiLFd6kYK5HPPTjnmkI8LtZJ/APi/4f+DLrzLnRG1uC/8ADt067tls8EqtascHDxNKCCSMoy9ccex658RvC/h6+ey1PXbO0vU2kxSEl8H149B+tPk0zw7cW+lW9yLK4j0q8SOwWeffJb3SLhUVmYnzNuFxnPHSugW4kHyM8nP3uSc545J9MUh9Dy3x5eQ3vxG+E1w8qy6BcTX0kcj48v7W1qGtjz/Fy5UcHIq/8Wo0h+F/xIXQI44tZ/s6eW5itB++MxhHzMv9/wAsZBPJGK7TXNFsvEdm1nqlpDfWrOr+XOMhWGAGU9VI45B7VW0Hw1pPhiO6Gj2EFgLqTzbho1LGRwoUM5JycLgAZHH5GgPLfH0do3hX4R3uheWJYNa0mLTWtmOPs7xlZkXB5Xy95YH+77Vq+EYkm+NvxFtb5UaY2+m/ZI5yCTYGFiwX1TzC2/HH6V2Om+B/DuiXy3mnaNaWlyu/yZI1P7ssDuKKTtQtzyoGe9O8QeD9F8SzW8uo6dHdyxI8cM3zJJsbJI3LgkHklegIOKTA+f7lpl/ZN8TKw82007Urgae0j5zaxakvl4Yg5AVSobPAFekeBmlvfjZ40uNTsItB10ada240qFg63NuCzC73gAMQzNHwMrgA9q7e98J6NrXh19CudNhl0VlWL7EgKxbUbOAFPQEZ/E5qZvDOkSajpuoNZodQ06NobS6DtvjjIGU3EneMgHB9M0IDUZfl6fT396ptbbmbPTrVpWG0emOv86iZuCRTAiCiMYUUuAwzSj5h9aZMhhXcDigBHIWoLphJGMdakjjM3zM34U/7OPrQBWtxuZiRg+1T4YN8o+YZ7ZwfpS+QvdQR7/p+tcZqvxX0zS5tTnNjqF7o+j3C22o6tBCjQQSAjeGXdvYJkBiqkDv0OADm/i54ivJYdUt9LSzFr4UWy1m8nui53XCXKSx2ilMnc0aEngnMqetblrrvj6WCGaXwlpEjSIrOkeusCMgHHzW56A469utUrbwLcSSaFp0si6jp02pS+Ita1KPHl3c6lTbxAD+EHy8Z/htwK9EVCCTgMfUVQHnPxGfWdW+E+sm90VrPVGeIpZWs32pvknjZWBReeAT04xWDofgnUPBvxvso7KCQ+Dbmxv7iwZYypspJnheS2I/hXchdQegYjtXsbYU4zgnjI9O/6Zpi7lyRxuHOPxH547+9DA5K/vvGVveSC38N6XqFizExSR6uY5WXJxuVocDjHeqreKvENu2LjwDqq+9ne2kw/wDRyn9K7XjOO3QewFIVA5ySfr/9apA848S+KLXW9EudM1Twx4utILjZuZNKeTaUdZFwY9+TlB0qP4a+IrHXPEXjp7Z5gZdQhuljuoXhlaP7LDGXEbgNt3oVzjBOPUV6Tg844P1I/PBGRXPeKvCqeIvstzFcNp+tWJL2OqRqPMiLdUcdHRujJyMYIOaANPaGbGOf/wBf+B/KpFUsvy89+tc1J4km8O+E59X8VQx6W1gD9p+z/vkbaQqvEBknfxgEbucEDHMmkeLo9Uvry1n03UNKnto0uHGoQqq+W+cNuBwQNpyM5XvigDdZe54FQzBdtc7o/wAStA1q8tLS3nuI2v8AebGW5tmiiuwmd3kuwAfgEjB+YDIyKTWviF4e0XUmsr3UlhnhEZn/AHTskAf7nmOFKx54xuI60FHRr90Y9Kbx3qhN4i07T9Us9MnvYYr+/Dm1hJ/1wUZYqenAxnnjIqGx8S6brHmjTryC/EMjQzNbyB/LkXqjY6MPQ0AauR2NR7VjBwOTUKXIckYxiniQbsMcHGaZIjfMRxQYzj2+o/qDmmyXaxnFJ5wbv1pDI5ow6+mff9K5DVPC0WrX8tw2oa3p8jcbNOvzDEPouDXYsu847GlaPjtxQUcG/ge4Rh5Pi7xOg9GuYZAP++oaa/hLV4vmTxxrGen7yztX/wDaYrtz97GKRk+lAHD/APCP+KY1zF44kYek+kRH+TD+VRrYeNd5QeJNGlTGQ02jOD+Yn/pXZzw7lIHBqJYduNwzQBxrw+OoiVOp+GrpP7r2lyn48O3TrXzP8eta8caD8VLSbw9eyQ+Irq2Rrm18Nme4jkxgRmWJwV3Y4wM9Oe1fY8kcYbnaD6kZxVLyTDI8ka4Z+WbgOw9GI5oA8s+C/iT4sax5KeOPDFpY2hBBv3m+z3PTg+QC38gK9dVTsx0yB04yfU+9EGHUED654P6cH8s1PtGKYHF/FDQbjX/Cuyyj8+9s7611CGDcB5xilVigz3Khse4FYPiS8u/FXhHxZp0fh/UrNG02WK3S6iIe4keNxsWNTkFTtG4HnOema9JuEyh9Kq+X57AfNgD+8Rj8M/1pCseT+H9Du7Hxn4KvRBq04l0W5trv7Y8s6wSHyXVDvB2fMjkLnqorS0C1vtW8d3dvrV/PfQ6KkNxZW11bRRLJJIrA3e1Mq6/LiPJ4O4kA4r03ydq85Y5BbnO7B9Cf0P51m6X4W0zQWmawsYbV5gFd485YKTgck4UZJAH940xEknzckZOO7E9Af/1++TXnGs6xqenePXg1LVtQ0rT557f+yp4wr2c6BQZYJDg4kZhIBkj5SuDwa9PFuVJPX2zXKeJvAbeIr2VZ9bvE064mt5prBolkUtCwZfLc4MYJUE4GaRRg+ONDj03UdHuNJkvNFu9QvWgvf7JkEDXCrbzSAFT8m7cgAYgHqM4zXJeDvFGs+KPE17pkPiXXECyF42ks7SYwxeVG588lBltxkA2E8L7jPpHjqBWk8LyMMqdbhRlYBlIkjnTHIPHz9x0NGm/DnQNJ1aTULbTkWZSPIXZ+6tAsQQiEDGAVXJB6kdKAOe8Qp4l01tJgTxU0lpqN8ljJNHp8UU8SsjtmORSQM7MZ25Ge3UcRr2h6z4Q8ZKvh6G9tbacyLFOFSa4lZoUeXDF8ynbGTmcg5ZtpOa9L+IN/awah4Y0Z5fL1G71OK4tUkGBIkZYTfNjAIR923OTjjJrd0fU7XWVlktJXkS3na3cSRMhWRDh1G4A+2RVMC3FMQqkqynAysmNwzzhsdxn/AAz1qK/s7TWLKWyvraO9tJcBre4Xch59D0+vbqMHBq00LLGA/wAv/wCoevWi3jCyocj72fXpzUgeavb6guvweHrDxLdReH5rNrwSxBZLwKHVDALjJO0Z4bluMZ9O10nSNP8ADtiLXTbJLK3b5mWM/M7d2durMe7Ek+5rg/CFubXW9CUv8sa6xYYIwf3d5Gw/TP5V6S0DFACc8kUFEKzlS2R34x0NUNe0nTvEkMUd7C263O63uIWMU0DYIzGwOVPJ7kHuO1aa2xFRyWzUAcuNT1nwm5XUVfX9GVf+P62izdR+nmxDiTH96MZBwQtV21DXPF3Ft53h7RiebuRP9Nuh/wBM1Yfuh/tsN5/ujqOs8iTsdo9R1piwtyD/AIk/jQBU0XSLDw7Yra6bbLaQq24hCSXY9XZj8zMe5J/Oq58N2kerjU7OSXTrl23XYtmCRXYwf9am0qT/ALXUfia1DE3QDNL5bDqPb6Z4zQB4L46jn8Kr44co1xol9f4uItvy21zsjlilwBwsmdrAHAYJ6mur8SQ3P/CfeJLXTdNF2NW8PIX/ANJ8gLiSWPIPGT93gY6V39x4b0u7h1SOeyjePVTm9RyzCU7QoyMjGMD8qZ/wjunNq39omDbeC2NmsqyOpERydh+boDgg9aAMH4e6slx4P8LqtvM63OnRytMpHlx4UDlickkg8c966ncTyEQj1rFi8JjTRodro8w03SdPkZ5LR2kkaRCp2pvDA/KWbjpz7Vs7X9cfi3+NAHrCD5RT1702E7uvHFS7fSt5GRGwqMIzdelWNp70KvFQA2GPd97g1Mse1skcDnrUbHb0qhrmvW3h/Spr673mJCqBI03vI7EKqKPViQPxoAyPiFfiC307TmuHtEvpnku50+8lpChlnIPbICr/AMDrA+H/AMI/D9x4R0e41ywutYuprdZVj1i7luFt42O6KNYy2z5Yyinj196fIkXxQu9bylzpt9ZtHo1/p98qloIjKJZtrISpMsewAgnheetelKwYkqu3tjsAPT2oApr4b0b7Ba6f/ZNkmn2svmwWsUCpFEw6MqAbQ3JwcZz3rYaRpeC2egOBgcdAPYZOPqarLnNTxghhSYEsajdyanZBtqNUOc4qbZuAFQAq/wCr47CiPOBt6ng++eMHOeD06HrT44vlqRYwvbNUxHmGvXaab+0H4bn1CdYLO58P3dtp800m1BcechdQ3GGKLnsSF46Gq/xO1CHxd4F07XfDyyaxYaJ4ktry5jsoy29bebbOyADLFT8/AOdhPNeo3mj2er2/2fULK01CDO7yruBJY9w74YGrtraxWqRpbxR2yRjaiwoIwg9AFwBkY6YqRHl1ncQ+M/jL4d8S6M5u9H0PSruOfUtp8l5rlk2RRkgbiAjs2M44BweK57TNB8Q6D8J/E/w4Tw/qFxqlzNf2djepGDZywXMjMkzSHhdiyNlSQSV6V7xNGbjaXbLDpySF9uev6VIq7VAySo4Cknp7jOKAPLfFPw7ubrXPhTBHo8euaN4fMkN+8wiKBBaiBH2SEbvmw2B2B74rV8C+C7/wv8QPHV6ulWlhoerPZtZm0kjVcxQlHzEoyu4nPXtz2rv1HpjJ+8SuPy9qcq46UFEIjLN6U/ySykZzUwUU4LQBSFl8vvmphb8D+9irCqKVU5oEVVtQxO6hrZtwG7KDoKtlaawNBJXa34BHFQXUclnZXE8MIuJo42kSJn2B2AJALYOAT3xV+kmKLby7lZ12NlUBLHg8ADqaVhnz74d8bad4q+Gv/CRWWnXFrqS+KLHUrrSbq5VWt7ieWJY2VhF80ZV1cHGTzzwRXvxt1XdheEOB7cAY468juM18+at8JdeuPh54N1XSbSa11+GzsNO1vTZx5bXVvDMjBucDfEUBU/3SR14r3DxGfEralnRBov2Vl3SHUfO37ySeNg+6R1zzTEUPHHi0eDdItp4rT+0dSvryHTrCz83yxNcSnCAt1CjBJI7DHel0m81wXmoJr9rY2dpbxxzQ6jZTtIjL83mAq4G1k2jPGDuXuMVifETwv4g8Q+FdDu4IbO58S6Hq1tq6WdrIyW9x5bENEhc8Eo7YzjkDmtnTNTvfEV5qNnNoOoaTorWnli6vGjWV5JCyOixqTgBSCWPXAxmgDi2+LeoQ+C7Hxxc6NDH4PvJEJEdw5vIbeSTZHO6EbGGSrbQc4b2rpfEPiy5tfGNr4W0a1srrUprR9SnuL6R4oIbfzAiZ2As7M2TjAxz6VwU3gjxJdfBlPhhcaIyXixxaV/a/mI1mbWOZSLjJbzN3lqPk253Y4wK63xHoOp6L8VbHxjp9hPq+nSaS2iX1tb7PtMSrL5sUyqxAcE7gw68jFAyvF8Sp7nwR4u1M6UsOv+GWngvtLlnLL5kKBwFcA8PHkg47/Wjwx8RtQvte8OaXq+mW9ofEWmNqmn3NhdtOAiJG7LIrouCFlGCuQcEdao2Pg3V/+Ef+KOrXWnzR33iozvBpiMJJo4ltvIiQ87d7Y3EE4G4cjBrG8A+B9X8C3vgrWItM1C7iutHi0fWbO4lM1xpsqqCJoS7HZGWBDIhwRt44pWKPZJEBX2Izheg//XVIx/K3Bx9a1ioDEHGSSTgY7nt6en1qu9v97HemBXjjHlqwzTLrmPFW1XYoGKimYLwVzntQBXt8eWMVJSRsobZjaetDZJIoABlW3AZA556e5NeGySf8Ib4N+I/hTVre4kvb661O601Y4XZNSjvNxiEbKCC25wrc8YJOBzXuajgZ459SP1HSgysOjMPXGB+HQ/pigDA8IaTdaL4P0DTr5mOoWmnW1vcsWyfMSJQwP0OcfjWq2V4HNTbemcY6dz+VNZaAIWXcaXbtHSn8CkpgQkEnpTWBqUn+VMakBF9KbIuQfpU6qKaVFAHn/wAZtBvfEXw51GHT4Wu7u3ntr5LdFBMwgnSVkAJHJVGx6kY60jeJtP8AiJb69o2jPcS3c2lTP58kLxrC0ysioWYDbJzkr27iu8ZQvQ+/f9MEc1G7yScSO0gBz8xzn3Pv/nNAHz/b30eveDPhX4fslZfEul6rpv2jTcN51mLVCtwzrjKoFBAbo24DnNacj2Hh+b4x6X4hnht1vp5L6IXTgfa7SSyVU25HzlWVlAHRiuOoz7UQ8m4ufMz94twT+Oefqee3eobq1t7x1a4tobhozmNpolcr67SQSv4UwPDJrfW7WL4HCS4S01qO0uLeSS/iMuGOnruRgGU5/d+vVhnnFbPwltriO78bQXc0U97H4nu5Jp4IikbeZHC/ygliBnPGfWvTdS0+zvLy2urq0t7q4tnZ4J5oQzxMcZKEklM4AJByar6fpunadcXL2ljbWb3b+ZcSQRBDM46M2PvHk8nmkURQwSRpL3w2fwpZMzbSODWiwXlenb60wIB2oGUSv7shhk05dsVvyMNVp1BzxVeR1bC4zQIjtZj061Ykj3L1wagWEq2R09KnVt3B6igYxYx+lN2/NT+tIynb0oAimPIG2qlwzKOBVlunNVrhv3Zz1NAGRcSOZcVdVf3akjtUMNqzMWU1d24UL14xQBWWQckcAVMjbsY5FVZAYVkTGS3SprNSsI3daAHnkUxY9vOMVKy96ZketADW4o6mnbd1JtxQAxlxzUTKCx49jngD8ank6dMj09a5nXvGmnaFffZJo7y7uUtxeyizt2m8iHJAkcAcDKn34yBgEgA5n4oeI1sTaxW9lJdtpEkGuXbLKqKkSyFFX5iPmI3kDqdh9q0IfFeqTRhpfBevDjorWZIzjI/13FZg8PS69eWVx+6vrHXNQ/tW9vIV3Q/ZYAv2W33HnDMEYjH/AD0r0HbvbLFyTgsWOT+h6560Aeb/ABE0GHxpqHhKGdLjTpbhbsQzHmWxn2xvFJ8uQCskfrgjI6Gm/DG81yHwxrbXWlb9ai1a5L2InESux2F9rsMFSxJU+h55GK9N3HGCSy9WBbrn044qNsyNmQmQ/wB5j+v+fSmBybeItdgba/gnUOmf9HvLSX6jmRTSN4xnRWabwp4ktgo522ayD8CjNXWbfmzj9cf0NNYZbcu4MOwNIDyVda0m38UaDJDb6nZW76jeyzy6nYS26Rm4Rm2l3ULzJhQM816ovCj6Z/M9aW8tIr60ntruGO5tp1KSQyKGV1PUEHr/APWrG0LR77w/JPZyXYvNFjUtayXMjPcwgdY2bA3qFzhjyAACOM0AbXPZcjsR0P0PeombpkYz0zxXLeGfF194oOn3dvobQ6PqKPJb3skyFljAyjTR7MqHGSMHtzVRPiXCscV9/Z0q+Hpb86ampmVclg5jV2iA4QvuTcOmRnjmgR2W7CnimMoPUjrj6Vy2tfECHS7rWI4dJub630VFbUbiKRcwgoHKhCcuVjJbAzxV3/hLIbjxLo+kW9rLMNTs5Ly3vAymPYgQ4IznkSJ0yOevFBSNllA9c0zqxHNZXhPxMni/QY9Shs57FGllhME7BmDI5QnIPcqePatbyz+NAxjLzioylTmPbxnJphBGaAIttN2+1SGm0AeqRj5V9cU8CmRfdH0qSt5GQYwM1A0narPVaYsIJ5qAIfLLc5rkfivDPDoOkagkMs0Gl63Y390sKF2ECSDewUZJxkHgdq7lYwKljLRsGRirDowpAcV4B01rjxF4x8Q7XWy1a6t1szIjIZoooAvm7WAIBLEAkchOM128cI6U5cZ/yPz/AM8VIMcUwFSP0qXZ05zTY6kVSakCWMDFSY6YqNAaf2FAEi08VGp9alXmhgSrwKkU1CrHoalXtUgS09ajxzUi8UCFxTlpuRTlqmSOp1NUj1pw+tSAopd1J/DSUwHZo+9SdqBSGOC460EA8ZOO+KTNDH0oGIFC5I4bOcnI5/M0nA4HTtRmj8aCRG5X/wCtmjYGyG+YdATz/M0cetIWC96AAqdnXHbjpTNuCDz6HBxTt3y0jUDGNH0Yj5vUDBH45/Wo9o8z+6D/ALO7P1JNS5PfpSMooKG7iEHGPp0pgOc+lKxpq/KvNAhCf5VVuEbeGA4qySCaax4oEU/KLyhh0qXaFB9akDcYpMZNBRF2ph61K61D3oAOtDUnPakoAaR60hwKVvrTW60ARt2prYpWpjUAL1pjHb1NLTW560ANJzTP4qU5H0pq55NAAzfn6UzjuaVjTCN1AEUyh+OtRNbjI7VP5e00j9aAK7IRzRt+X0p8mVGcU0SbuKCiuY33Z7UqKMnjmpJG+X0pqYxmgkdgHtxUEybeRUrMPWopct9KCwj+ZcnihmHIoj+7gdKQrnJ7UAQu21cms2SYzSFf4fWrd021COtV7SH5SxXBoAljhwowOacyY9jUq528jFI3v0qgINpYnIqNlZevSrPc03aG60AV2Py8etIq96kaP0oZcKaGBDzmnNjb70mKRs9B1qQImBZguSAfTrXB30h8K/E/UdXv4LhtI1fTLWNZLa3eYJJC0gaNggJAIfI4x97PWvQCMdenfHWmljHkhipbk7W9On40wOL+E+jXmh/DvRrK/i8i6SJnMDHLRKzsVVjnqF2jHQY4rq8Y6c1K2ZGLEncx3H8expvlhRyeaRQ1l+X3qELmpt3akwF+tAEe7b2pm7n0qSmbRQAjGmjEm6NxlHUq30I5H4jj8aRlJpVbtigDhfBdnr3g3T9D8OSaQJ7XTma3bVVuE8s26hvLcJu3l/uAgjA5rnrrwRrMfhm98GRWGbKbUvtVtqazR+VFbtci4+ZC2/ehyoAGCcdq9ZkPzdMntTPL3dT70EnAapo+q6Lrni64stLk1W08QQB41t5I0aC48kwusm9hlGAU5GcfMO4rMm+H9zDdfDXT5rSbUbPR7OWzvbi3naNI8xRqvKsrFdydOenI6V6kyr6EH2OKYV3Lg8/Xp+VAHF/DXQ7jw7ol9p01jNZRw6pdtbCYhi8Dyl423ZJPDdznINdfuw3HNPKj0/z7e1N285oKGSLu5zUe3aeTU5FRNQBE6+lM2mpW54plAHqiLhaWkjyRT8dq3kZCZ6YqRaZtxT1qGAtPWmrTtwxipAevNSqOKjj6VKp/H14oAkUVL91ahVg33Tntkcj1xn1p+7cBUgSowxjNPHrUK9am3DbVCY8EU8Me1RCpFpEkqt0zUyuMcGq4YLUqtuHSkBMrZqQNUScdeKeCD0OaAJBTu1M6DmnDpTActKTTc0meaQEm4dzTh9ahyKeGHrQA+ikyPWkLAd6YD+1NZtoJpvme9RTSbUb6UgJWf3oBrPjuy6qXHzZxinfbG3HHQcUAXWamFh34qFJ9/WiSTjGefegCYyLt4Pems9Qbio5xTJLjqCOMUAT+Z82M8ihm3dOapGX52I4zTftBxwe9AFzzBzQWBFUFuD83c5pVuWK4xQBbY7aYrbs+lVWuDuznNLDcHnIoGWP4vShjgVE0xY8UeZnrQUKzVC5w3HSpN4+tMZ89qYCkfLkVCzc0pfb3pjEN0NIB27NNPB5pm6hnHc0AOX5qY64pN428Gomk3c54oAf61G7gd6PMz3qM989KAHFtw600KdtR7vm46U8SD1oAa1MzUjMPrUTODx0oAVnB6GoWf3pwqvO3cUALM25doPNMWI8VArFzmrKSYWgCKRM9DSLGQMZqZmBpretAELLg4zSlQFIJ7VVmlPmVFJcOO+BQUXYlEa4zmlLBVwTzVATSEDJ4pkkjetAFqREfqaZtVOAeKgLHbyetV/MKnG6gC/vB6HNGd3GaowsdxyeKUs24nPFA+heVQ2aYMdO9JltoHSjn0qgEdcUzj1p/PpUedx6UMBDjNMcDtTn4bNN+90qQGbaikyWwKnPGaayjg5oAhCkYpr1M+KjZcrzwKAIcfNSNyakEe3nPFNbFBQzaaQcE8U7NN3CgBrfN2pPL+ahm2tSmXdQAxl5zTadknIpm4dO9ADGpOmac1NZhtoAaMMaRlIPtSKaVmzQA0/WoW61Ke9R9+fSgBrYxx1qPaaexFNyKAPU4+npT9wpiqStO544rpkYoceaX096aThTgZ4P8sVh3/iy107xtonhtlc3Gp29xPHNn5cxbSF/Ebzj/AGayGb47ZHDYwTwOazdY8VaN4cj36rq9jpw27ttzcIjYwTnaTnoD2rI0zx/Za5q09npNhqF8lvdC0ub77N5VvC+WD/O+MhSoBxnqK5PxpJq1n8XLObw/ZWl1qc/hm8VWuZfLGRPFhidrbmBIAXjPqB1QHq9rdJeWsVzA/m28iLIkqg7SpAIOfoRVTxBdPp+j6lMt1Z2Nxb27yLNqDAQwnadryDqFyPxxxXk819c6x4z1OJfEkehWeh6immx6bbzurzwNbqxQxLgAEyM4kBYjYegGR574X0vT5fCqJY28l5d6x8PriK6aGN7mSe6EieWshwcuM4HTjPYcID33RfEGoXnxI13Sbi9juNPg0izv7RYo9oUyPKrndklt20Ec9CPSu0j+UY9K8y8D2eqJ44/tKbSLq2sLnwvp9oZ7hRHsnR5GKFCQwID+mK9GjD4Izg+vrSAtBveneaOOahVG7nNL5O7g9KQmWPNA70/z9vvUMcKr71KFXPAoJHrP7U+O4bsKRcelSR4zx1oAVZXY4xT18zd6Uq5zT160AOxI38VPAbuc0Kw9adQAKppfL3d6WlDCgBnkkd6eqeppdwoyKQDvL96aUGeafuHrTTQA0whqbNbh1K9Km3DtTd2aYFQ2KBRjtTltUXPHWp2I6Ui+1AEa26ocjrSPGGbmpabxk0AN8lBzjioZrdZM4BH0qZmzxSUAVfsgXnnpjk0ggC1aNM78c0AVvsi4J65pv2UYParbH5elMxxgnFAFPycZ70LGR2qdsKMVG1ACbSvWm07dSN8o5oAQU1h+FGSOlIzDHXmgCJ0z0NNClak65+lNoGI33agkj3fxVMzDHWom9e1AyNQ3I7VEVPODxU2eaa3yn2oJIlU+tHTvS4zTWI9aBjecdKbuIp9RtQUJ5h7HFRSbyafuGaRmFAETTMFxUWWbtU7AemaOVXOOKAK/IGNuBSqxUdKczbu1MYdqAGzXFO3/ALvNIyhlxVe4k8vYvvzQAkjBsZXnrTMJJkbaimmfzACflHSmrcNuORigCZlSJQOnvTflfjNRNOW4I596Fx5gyQD9KAJvLDcHmmNbx8AjmkWf5mxzj1pjXLB87RjpQALGsJIHJzUd0vHyGnebtamTMWHSgosLJtAOc8U/zPwpkabo1NDr8uKoYrXHYCmb+PSk8setBjHeldgNLBuM0fdpghHXFLJGGXg4pANZqaGzQsPqaGhHrQAMwqB8nvUjW+TkNTPs/vQAi9OtI1L5W2mNGaChp9qa2NvXBpwjO7k01ovegkhb65NEfvT/ALOaTyT2OKChzfLUbL3pDA5blsil8k9jQA1vm6VE3yrzxUvkvnrxUbwt3NADF60YNL5e2kZSw4PNADNwpvvSLC3O40vlsO9AEL/epKSaNt2c5FR+W1AHri/dFLSKp2inbTW8jIaW29OGwcY69D0968o8dWeoa1rlx4h0N21G48O6pZpFplrbiWWV14mUyZ4BSeTjplQc8V6zt3cHgfXH/wCuk2CNRtwg5PyKAcnqeMc+/PSoA47wjpev6bHqW63h05LnxBc3jx3TB3a2fBIVY2Kh8hRycde9a8nhCG58YWfiKS9u1uLS0kso7WNkELRuQzbsoSfmSPjI+71rbC8YGMDp2+v506gTMlvB+gyeIf7el0SxfWvJFudRaBWuDFgDaGIOOMrn0Na8Ki2hWCFY4IgoUJCvlooHYKO368mjj1pfxqWSSKxbPPfoMgflzUq1XVtrU/zPmHNSMtKQe9Pxiq0bVMZB60DJlYU5WFVw/vTt1BJaDCnK2DxVXzPSp42HegCyrcU9Wqr5nviljYrzQBb5p6tVZZh3OPrxStMOueOcnsMev+ex9DQBayaN1QCX5cnIXAOSDjB6H6H1p3mDGc8dM0mBYzxSbsd6iWZf71N85cjJx0PPHWpAnDe9ODVA0gC8nB75GMfWhZlYffUY4646dqYE+7j3pnmbWzVdrrbnuPUe9N+0FiR0x19unX86oC40gakDd6qwSeZtOQdxG3nAOfQ1S03xFaa3Zi6tC7QmSSIGSJ4yWRircMAeCDzjB7UAarNjnNReZnoarfaFbocZ4Ge/0/zzTUkznJxxnnrSAubgBknFG7GD2PftUKvtX72B0zuwB9axIvGGm3Pi678NRtMNXtLVbyWN4GVPKZgoYMRhsk9s0wN5pAD1pnm4PFUzcAjcT2zUqtnjkNnGCMUATmb14qFpDn2qt9o+bjLemBmjzB3YDr1OOnWgCdmLGmlqh87bjAOT2xTXuBt/WgCXdzUTS/Ng1Es27gcn6VC03O8crj73b86ALu7imFjWNfeKtL0vXNO0a7ufK1TUhIbWAxufMEYJf5gNowBnkipNQ1y202WxS5n8v7ZcLaQfIzBpGBIGQDgfKeTgcdaANVW75qNn+asjSfFema/JqMenXi3b6dcG0u0VGUxShQxU5A7EHjjmmaf4n0zWNR1Wws7+G5u9LdI72GM5Nuz52BuwJwfyoA1pG4I701pPlHNQ7uODnvzxTQ+7jrQA9npGc03dxxz9Bn8KrSXAXoQfT8s/1oAsmTHembs81AsjSLlgVPYY5POP6UnnADlgM8Dnqc9B+n5igZYkbbzUMknHBqvLdbguDxjNCyDaDkE9aCh3mEdaGfvUckw25J2gdSeAPrUMkx5AJBAyRjnFICyJKa0nYmoPM2rk8DON/wDCfoeh5qCaY8kZ4GTkEYHrTAuK3PJoMi7jzVJbheu9ceueKQzjJ5zQBbMg7Hmq8g8zqeaiaXB5pwkRlJFADordWOD81Okto/pTeVx1Ge9LI2373H+9xQBH9nRWBGfzpUhDsT3FIkis3FWIwApNAEfkquRimfZ93apHm/eYIo8w4BxVARNbjdUMkbbsAVa4b+IH6HNSIAy7jjHrnihgQIojjAA/GmsN1Okk7dKapPpn6DNSUIFGaJMDpQrDcMEHPTHemyMCDjnimMpalrFrpEAlu5PKj3Abtpbr9AauKY5EV43V0YAhlORzVC8s4L1dk6Ky9drd+Kms7SKzjEcClIl4CA5ApCLGBSMvy8UxmPalDHpSGIoxnNJtFJuDNgNk4zwaG+UHmmAmRios5Y5GBRu6iojJj/8AVQUPbFRjlqkYAdfUj8jiomZVb3oAd0plDNjjpxmjhcEnqf8AD/GgBrDHWilkYdKg3Hk/w+tAEjNSFcrmo2YryQcdKGb5cg0ABUc1GFp24bfems2DmgBu0imMOtOZvmqJ24HP0oAZJTcClZs8UnPow/A0Af/Z)

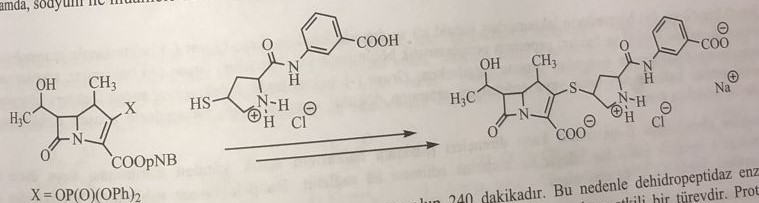
Меропенем синтезируется аналогично синтезу тиенамицина. Но при добавлении 2-(4-нитробензилоксикарбониламино)этилмеркаптола и 2-аминоэтилмеркапто в третье положение вместо 2-(4-нитробензилоксикарбониламино)этилмеркаптола используется 3-меркапто(2-диметиламинокарбонил)пирролидин, дифенилоксифосфатная группа удаляется , а 3-меркапто(2-диметиламинокарбонил)пирролидин конъюгирован в третьем положении в виде меркаптоэфира.

![Diagram

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4R/kRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjM2OjU1AAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAMwMAAAkpIAAgAAAAMwMAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NTo0NAAyMDIzOjAyOjI2IDIzOjU1OjQ0AAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAADjcAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAOwEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A7RpNIXn5HOCWKAncDyckdc8/rThqGnRSwLDaoA0gQnywNpKlh/n3rM0JYdWaV/OtbNnViA/zct2GKuJf3skiD7C6IWAJIbOM9eg7D9fzAI0uNWwkKojNsXcZByThd3II6ZJ788VM8Wry2s6B1WRlYRkEDH3gOev939aQErWmpPMXLqFH3MN23KeR64B/OrPkXTabJDK6tMy4DHp0Ge3rmgCgdO1BiqNJHhHDLk5GNhGOnUHBzUh06/aJ0e6VgyMvOTyQMduRnPFACSaZdnyGjuFjZIyj4B59PypH0++JYresMsSASSADjj8OefegCu2k6h5bBdScMwYbuTjJyMDPYYFSXGn3cszPHeNFkggAnA6Z4z3wfzoArtpF4JY5Vvf3iqy5bcRgge/qM/hUP9maizsZL1/kfKHJwRsA6Z7HJpgSy6fdSJHi7YbOWHPOGyBnPPHHNMjsLqOWNpLkvt+9nvw3+K/lSArNpt/5hdbsBmVVY8843f8AxX6UsVlex3oledXj5BXnJHagCv8A2ZeGVHadSy5IfvyuPTt1qT+z789bpc7WGe4yR7e340DJYrS+EUqtOoY4KbTwvIyPu/Xn36cVC+m3zmQ+dHuYEgk98YB6fpTA1YInS3CyMWfuaMDOKQDiQVqLAzQMViNtQ4GaYCHGKjwpBoA0YdJsoVCrAhAAA3ZbgdOtXEghQfLGo+goJLK4AqQYoAeMelPH0pALn2paAEPSmnNACcmmYNADTUbZBoAbzmmMDQBUmvIomKsSCpAOFJwTwB+NVzqVuZPL3ncTjG09ef8A4kigBjapa+XCTIR52PLJU/NkqBj/AL6FSrKkjMEYFlOCKAFOR0oAJ5IoAdzTgCKYwPSo/LzzigA28dKZt56UhlGZ53dvI5jHAKgEE5Ib8RVcnUVJ+RSpYgHHIHbI9/05pgI7XqEMFZ4xglSACeD/AFxU9u0jowkTaVbAPqPWkB0IHNPXbTJKL6xHHJsEDsdjMvPXG78vu1qo4ZVOOozQBMCPSng+1ICQCoblZdi+V2YbsHBK+1ABAsgt0ExBfHJqQ0AN4ppFADCKYaYDSKqvdWybszx5XqAwJH4UgM6xu7HWbZryJGMTtsBYFd209cfXpUr2Vq20mIblJKnuCc5P6mmAxrS02Ivl/Kn3Rk4XkEY/ED8qbDawwSeYmd2Npz6cf4CkBNvFVpL9IrpYChJbbg445JH9KAK0tnNLJuS52hWYNhuTkHGfpkVqK6hQCegpjF8xc0bx0oGMeQBtvU1UMk0sj+W0aopxhoySfXnP9KAKml21tYLcRRRpEzSl2C8A5x0/z1zV7zFIyOR7UANZx70wuOmKANoCqr29wdRilVm8lWBZd3B+Vx0+pX8qCQh1KzOpJYlP9IlDSLhOCo7k+vNX7W9tLqeeC3njklt22yqpzsPoaAFtNTs7xbhoZcrbyGKUsCoVh1HNWo7iKR9gJD4yFYYJHqAaQCXLSbVWEjfuBYcZ255IFV5BeTabJE0bCcqcMNuDzx36469utMCQx3C2vkoSWXaN+QCwyN3HY4yKrJHfRGZ3VpSGJhHmYCrzgMO5HXPP14pANtYr6JlaQlt2Ays5OBuY/ngj+VaJoAjYise51WSG4miWNCEbAJPUbVPr1+Y/l1FAEz6ii2nnbJWYR7toibnjOOlPiCLbou5XG37w5De9MDLF+trdNbCEBTISD2wcdOOuW6VeglWe2imKgb0DYBzjIoAc2z0pmU7UgIJZYoI2dyAv9TxVY39k0rQSEI4Ult4xgDH/AMUKAK9pdXv9pXStYn7KSHSUuAzcAYx+HfFTW91KLm6Fyy+XuHkBY2yox/FxjrQMdYS3ctmgmMTTZO+VFIXqcYB5PFTm6MRCSxksThSgyG/w/GmBSubCW4uVuYr2S1YurSIiht2BjBJ/pU6E2oKuGkQksGC85JzyBSGQvp6Ty/aNzoWwSv0x6d+KkgVba1hgBLeWgUE98DFMCXOR0pnfpQBp3ExhjVgBywXJ6LnuarQX127Mrxx8sURgCBncwz+QBoJNBLCFfmCnzD96QHDMfUkVHb2jx3dx5coUsVZn8td7HHcjr+VAE9lBH5kjOyyOJCRwAPrgd/erV0EEBd0DBSD9PUj8KACyjVbWNsfOyje3dj7mn3Il8n9yMvuXIzyVyN2PfGaAKUSXkKtvRmVB+6VWHAycBvU42+tMgGoLMJJATHIfuN1QFyex7Kf0oEaRFRlAaQyCUxxYMjhc9MmoDcW4/wCWgP0yaBFLUVhvbOW3W4nh8wY8yJG3L9DiolSGONESa5AAAciBzu9+nBP+fWgCx9ot8DCT8f8ATvJ/8TTWuoMfcn4/6d5P/iaYyhp+tQ6lcTwLa3URiYqXkiIRsHHB/wAcVo7UB4pARPFFKpRgGVhgg1EbC2LBinzDnOee3+AoAsYQVVWe3S9mQ7iwK/dQnHHsKAGWtwyrJHJA/wApyCi5DZJps8ga6gl8qREjyGLAY5xz19v1pjLrFMDGKjLIaBg0iqmcgComKkA4z6UAAIbOBim7ucUAbIqVRQSPLrGpZ2VVHUscAVVtftE88028RoSAo25yO3P0I/yKALEOnJFPJKkroZCSQuMZJzkZ79Km+yqx+aWc/wDbUr/LFIBjMbERQr86ySbI9xPy8E8nn049zVY6rIropjUbmKE7s7MEDcf9nng8dvXgAsNet9gaYIfMCFhlCVOCe/vj1qpNfajHFPm3VnVWMZjBbJCkgEe/HTPcduQRetJZJrYPNGUfcwKkY4DEA/iMGpcigBhqJhk0DIynNRlAepoENKA96aUFAETRjjFNKjHWgZH5ag5zzTwo9aAI50fyHMJ/eY4qGxg2I5kXDvIxJ9RuOM++MUxl3YvQdxUbIi9s5oAzptMEjMyyLgtuAI7bdu0+w6j3xSW9h9mcsbkuSMEkctyTk+/OKAKzaKnluqzMpddrELwfwz9P8k1dghWCARlt2CTnGOpzQMeCueKCRnHegDYHWpM4oJGyp5vlkNtaN94OMjoRyPxNTW6pb28cK5KooUZ9qAJw+T0p4OaQA2GXBUMO4NGSOdvWgA3NnpTST0oENOc0w5BoAYSQQCcE9OetMLfNjIzjOM0AR+YGbaHG70zTJHVCFZwGboCetADRiSMOjhlPQjpUe5WjDq4K4yDmgYx5UQbmdQM+vvj+dV/tUEhIWZc5xg8HoD0+hFADWngUD98jA9Cpz2z29gaRLm3aRkE67lYKcnHJGQKAJfOj3zJuIaIBmBGODnH8jUcd9byKpMgTIDKG4JBAP9aYCf2lbb9pk2cZ3NjHUj+hph1C1HmM0nyInmb8jBGM8d80DFF3Cdu1s7gOhHBJAx+tVBqsLnmNwBF5pyRkLgE/ln9KAJ5L2KJH4yFAI565z/gapyaxablA3HdjoDkZOBwfU0AC6tbeaUAbIxjp3OPX+VR/21G6qY4nOQcE4AzjPrmgZ1op9BI9VGOlSADjigCC8leGNjGcEAdh60XlxLFpM06PiRc4bA9TQA+5mkjutqNhdqnH1cD+RqpZXU8t/wCW8rFFGQM/7TD+gpCIFuJ3v1VppNrXUqkbyBhQMCp7mV/stv8AOeL3ZyeqiQgA+vFACS/Nq5jYAoykspHBwvGfzNZdvcS/8StN5ChQvHHGwnH6CgCt9puJLVJnnlMkc8m07zxjzgP5D8qjiuriSQl55CfsjNncc58uI/zZvzpgTRMzzIzO5ZpUBO45I/enH0yBVSNm8i2BZj+7fqc/8s5TQBnNK7OqMQyieUYIB/iFTNGiXMSqihWmOQBwfl/+sKAH2sSeTENvASEj2IIx/OpfLRr1gwztCMPYhBQBKltF5SLs4WMgcngFMH9BRFbxGTlc4dcZJ/hBA/SgZqiztmLgwJhRtX5fujHb06npVeKyt5bqRHjyIiNnzH5eBQBbOlWRVQYeFGB8x6Zz6+ppwsbaMNthX5lIOecg9aBle4ijV4gFAAU4/Ag/zpWtLbZgQRjPynCgcdMfqfzoAe0aHdlFO4YOR1FRmGJRxGgx0wooAYQB0Apo+9+FAz//2QD/4THkaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLwA8P3hwYWNrZXQgYmVnaW49J++7vycgaWQ9J1c1TTBNcENlaGlIenJlU3pOVGN6a2M5ZCc/Pg0KPHg6eG1wbWV0YSB4bWxuczp4PSJhZG9iZTpuczptZXRhLyI+PHJkZjpSREYgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdG9yVG9vbD5XaW5kb3dzIFBob3RvIEVkaXRvciAxMC4wLjEwMDExLjE2Mzg0PC94bXA6Q3JlYXRvclRvb2w+PHhtcDpDcmVhdGVEYXRlPjIwMjMtMDItMjZUMjM6NTU6NDQ8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAMCAgMCAgMDAwMEAwMEBQgFBQQEBQoHBwYIDAoMDAsKCwsNDhIQDQ4RDgsLEBYQERMUFRUVDA8XGBYUGBIUFRT/2wBDAQMEBAUEBQkFBQkUDQsNFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBT/wAARCACcAqQDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD6A0vRbTxN42ufEOkDVtIS40qax1K8SKS2aSQyJ5JjWUY3IBJ820gFgeRmrS+C9X0fxZoF7pjzavaWNnfwzXusahunaS4Ee0ZCZKgxgdgARgHHPeKdyozsDt+UAkHnuCT0/SlZjJIpwwPRXI5PsOK4zsZ5ronwWnvdJ0Kz1rUbGa00/wAPz+H7mOzSRnmWUoTIsjEbSPKTggjrW2nwh+3eH20vXPFOsa65ltmW7k8qJ1SBg0SABCM7gpZ/vNjBOK6jQdQlu9Ft7ueym0x5AzSW9zgPEeeGwSM4HYn8807WvFWleGY1k1fUrPTkZ9ivcyqobABJHqACOenNIRm6h8O/D/iLUtQvtUgm1K5vLNbC6We6cRyQqcgMikDO7c2fVqt2/wAPPCqzCRvDmmzS/Zxama4t1nkeEHIQuwLEA9MkkdMkcVzdx8QpPDvxI8RWmp3kb6Fa6PaXlrDHb7pA8s7RkDblpCflxgd6u638WtH8NXr295Z6ixhe1W+dIF22f2h9sQkBYMSechAxAHOKANHwv4Jm0Txt4m124ns7mXVpIZYlitv3tm0UIhwHJJwUGCowB2rtkkkVCpDFFO1Yy3y4z0wex6gmvFPHnja68Vaf8QfC8Hhq8ddNguLW8v5LuOJYGa1aWJ0CvubcQDx0A5xSeG/jBqHhnRfDcfiPw7FZaTe+H/t+m31lerPJKtvbLI6yqV+RmTJGC3XnvQB7jHMVkUlmLKAwJH3cD7wA9cgelRW9nZWjvHbW62zXEjTFUXaryEfMQDwCRliR94+lea2vj7xLBqvg+K9i02Sz8X2bGya2hlV9OufIadVcGQ+bGVJyw2HK4A71h+AfH/ivUD8MNV1fU7G5tPFE15YXVhbWKwLC0aTOkqvuyWzCRgjGP4QeaAPSdT+JWj6HplpqNwb4W13qf9kQkWkgPneZ5YLZwBGWzhjwcV0Om6tbarqV7Yx+ZFf2RBltZVw+wkhJFAzlGIIBHOQQQCDjwjxJq2r6t8H9Zm1nU31O90fxxFZfapEVC0cWoxBFIA6AE49Mk13PxOjuV+MngGK1kuIJtStNW026Nu5jkaAQrMMMOVKygY+pweeUB6fJC0a73zEvXe3QAnGfz7daztKutRkiuhqGmDS5PtMsKQm4EuYh/qmJz8pZcnb1r568ARXL+F/g74n0zXtTvvFOqagtvqX2jUpZlurT96LgPGXwqxhU+bHfqOtZuvW2hTfDnxjaSXENxFpnj9Xtx9paVkt2ngLFcsWI8syZbngHpQB9NXGs2GnWcd3d6ha2trI/lrcTToiFueAxOCeDx61z3ijxhfeH/EHge2tY7ObTte1Q2U0zEmQfuHkjMZHGDsJ3cjiuTuNH0bwN8WtP8/S47XwJcaJJZ2PlWxmtLe6acyTIVVTtMsbZBCjPIyawbHw3qfh3wh8Oobi0vXjtvGUt9FbrA8r2emt9o8kOFBKhVePOTwGoA9ctfEluv9vzz67pV3ZafMcmzwgsI9ikrO24jdwT16EVyOk/E1tS+JXijTBrEK6BY6DDqEDy2Lxvas0jqzvuAMgxtI45yMVy3ibwPr+uL8V4NH0a6ilvNU07VLCOS3NvFqCQrGJo42KhSWKbcEHO6uqs49U174pXHiM+E9cstIufCp08/bII45BMszOE2lyT8pIB6Zx0AzRYDYs/il4d03S/DUd9r7apfaraCe2uI7OTffhVyZBGqnDMOi9Txius8M+JNM8YaPHqek3H2i0kd4svG8bJIjFXRlYBgQevFeSeC/BfiPTNP+CqXOh3Sy+FxcxaoPMhUQI8DRIEBf5uSrdzweldt8KdE1bw9a+J4dT01tPS+1+81K3Bkjk3RTMpGRGflIweDxzSAvfErXIvDHg/UtSmu7zTVKLCuoW9os7WzyYVGKMwDAMwrl7bxPbeGda8Safrmq3MraXYw6mz3FrHHBDbFSh8tkJMmXjY8gEEiuo+KHhe58cfD/X9EsXhjvbu3xbecSIxIrq6qTngErgntmuF1r4Y+I/H2ueIrvW4tN0iw1rw0mjv9luHuZ4ZEmaSOQLsCsAzEkZHHrSA1dQ+Jken6Tqj3Wh61YTWOnHVCphjDNb85dDvK71xkoxDdODUXh3xF/ZviDSdNnvte1xtU0BL20a5+zhJvJVTIwUYxMyyqOTt77uDVbwXeeJfH2j+KNA8Sy2Np9ijn0O4l05XdbqR4Qv2jLAAKFY4QEncxyeBk8O/D3xha694L1O+v9A/4p7S5dLaKBZybgMsSrIXI+U/uuRjgEjnccAEvh341QeJH8Nyy+H9T03T/ETPFY31w8ZUzIGJjMasWVcI2Djkj8a1NJ+IE+uXWny6doF1faLqF1NZwapHKGCPGXUvJEOUjLIwDnOOpAFYOj/CfXtI8N+AtON9o8svhfU3vywMxSZCJAEUEZU7ZmGST9xfU40PCHw31zwXKdLtPEUD+DIrx7q2tTan7ciM5f7MZc7fL3Hltu4gY4zmmBg2PjOBodD8SmLXFivvEtxpM1tLqweOCeRzb4KhMSQqY9ygEFTjirv7QkqL8N31KZwjafqNjdCTzChAF3EGzgjjDY596bf/AAZ1iaO5sbXxTa2ulL4kHiWzWTTi8yymbzWjkPmAFQS2MY966/4meC5PiB4MvNBS+jsTdNGWupIDMAEkWQ/u946so78UwOeuvicsfh7XvFf2HzPDtrzp91HcZk1EbxGjIhUbVZ8KrE85zjHNS3XxIvtD1K40fVNCSPVf7Kl1TT47W8Lw3awriWNnZBtkBIOMEY5BNUoPgqg0fxJ4euNVz4R1rdL/AGVDCVawnbDGS3k3naDIPM2FTg8AgFs7C+Ab28voNU1jW4NR1ez0yfTLO5jsjEq+cAsksi+ad7FVAC5CjnrmgDE8P/FXVPEF94egn8MR2K+JNKl1LSXkvxK0rRqjNHIBH8gIl4K7jgeoIqLRvivNrmn+AL0aSkNv4ta4gUfaTvtpY0kYAjaQ6kRNyenpV/QfhXd6HN4DYa6k8fhK0ls4kNhtNykkaxncfMO0hUHTPOfWs7T/AIHXGlzeG4YfFlwul+HdTlv9NtvsEW9El83fG7ggv/rSoPGBRoBgQfGnW5NKtNTfwjbpp82tSeH3ZdTUyi5EphRgDGAULqgJJBGWIBAzXQW/xM1aTT/EsUvh+OLWdAv4rO6t1ui9sqShHWdpGUMEVGJbj25p4+C9x/wjsmknxFtjbxF/wkglWwwwm87zjH/rPub+nOQMjvUXiL4Nya9d+KJpPEEtq+uXllf7YbRGWCa2I2ZDEiVWAG4MOcCjQDT+HPjYePLHUiYFt59N1F9Nla3lMsUuxVZJEYgHayPnkDJHTHNcpr3xi1vQ4vGFz/wjFpPYeFbqFb1xqTea0Eiq6vEmzBcBs4JHNdp4N8AyeD9U8Q3r65car/bN0t7LDNbxwrHN5aozrsHfYoA7dc5waxPEHwjl16PxzA2ueTB4sESzqtkM2wjQRgIfM+YlVHJ709AKF98XLrwzdeK4PEeiixm0exh1WCO0ujcfaYJnaJFJKrtcSLtOAQMggms/XPi5regaH4mvL3whJINHjiuElHnwW1wjNtkVWliVhIjYyNuCpzmum1T4PxeItV1K61nVftttqWhpodzaR2qxZRG3rKr7iQ4clhxgYA5xVW++EOp614L1XQNa8bahq73lstnFezWkaNDEGDElUI8yQ7R+8Y9ulAHDeKvFFx4V+JXh7W/EGnQaXqd5o+oWEFrDc+b9pczWxt1DbQNzbipG0Yz1ruvFfjvV/B+j2l5eaHZxyC2mmuvN1Flt4nQArbrIUy0kmflGMfKcE45Xxv8ACODx7e6LNq17HNa6faT2k1qLQ7bjzgods+ZlMGONlA+6y5yelZcvwf1O6TQZbvxhc3N/pdlPpzXbWEbPcQSqoYkMxVZQF27wPmDHIzzQA+5+Leq6pqWlWXhzwoNXm1TQY9etmur9bZWQkBlK7MqwJ2jHU9cDmue0P4pXvjDxR4Xlt4Y7Xw3qGjXOpzC4lYTxvFKkcoYBTkxneoGedxzjAptn4R1TwX8RPBGkadrckp0/w1c6c+oXGll4yokiMSEBgoOE3Lz1j54OK6W0+Etlo8nhdtNv5rVNHtrmymjkiWUXkFwVedXyeCzqTn0NAFbQvidJfzeFJbrSTa6X4oyumXSTl2LeWZESZNo2M6AsNpYcHJB4q/468eDwjc2NlFbC71C8imnjiaRkj8uMoCSVRzy0iqMjk9cdaq+H/hUdHPh6zm1mS+0Tw9cm60y1ktwJo2AZYhJJuO8Rq5Awq5OM1t+MPBd34ivdI1bR9Zfw9r2m+akd1HAJ45YpQPMikQkblJRCDkEEUDSOE074oajqni7SFOinTvD1zoU2qSx3x2XUJjlCuHTZ1QHAGfmDZz0psXxxWTT7+8Hh2+eC30p9Xgkt33I0SgEpIzIoSTB3BQW4BwTXUah8MX1DVtF1K41u4uZrWyuNNv8A7RArG/hmZHcZBHl/NGAoGQqnjkVm2Pwt1iz8P3mg3Hi17/SRYzafYQS2Kq0MTx+WvnMHzMUQlVxsHTOaAKkfjl9V1jwdLqXha+0x9UuZY9Ome+R0CtatKGdVPzblBwp4XGc11Wu+JV0W60rT4Lf7bqmpPJFaW5lESBY4zI7sxHAAAHQnLDismTwDfHTfBcH9p2zzeG5opmmazI+1+XA0GMeZ8m5XYnGeQB0rS8XeFJdfu9F1PT7xLHV9GuGmtZJ4vMidHTZJFIoIO0r3ByMCkCOL1jxgniHWPA9/bfa9Lnh8TTaLqFjJMV8qX7PMHhkCkLJhlRgRkYI+laMXxMS68QQ6M2kXkF5cx3c1lG8qebMtu2190ZIKbuSjH5SO46UXHwxuNtjPFqkC6jF4h/4SO8meBitxKFKiJMODGoXC7skkDJFZ2k/CPVNN8Sabq0fiKzlOn6hd3cfn6cWmnjnDAxzSeZ8xXKqGxwFBxmqBljRfihL4h0iw1K18LaqlpfshtZLiWJIpAyOzPI4ciNV8thlsDJGM9ayLn4lWN1rXgzxXHdXkeiappWoKbSaQLvliaIKmwcNLv8xAAck4xWlb/C3VNN8EeGvDyatZXD6Ldi4Pm2shtbyMeYVSaLeN23eMDOAUB5yRWDJ8Crq60nQdJ1HWbW7s9KnvpI5FgkhmxcMzKysGO10Yhgw7ikI9KuNUe30l9Q1CzuNOMULTy2zlWljVULsCFJBYAEYBPOBXFaj49TU/DMN5FFqelQXlxZRw6nbiGVNs8qqhB3bSpYhG6spPK45rsdFstesfDiWOralbXuqrbmL+0LaJo1dtuFdkJPQkkjnOPeuB/wCFN3f9k61FDdafpk961ncxWtojtZm6gl8wzNGcbPMwgYJ/dz1NA0ZeueLr/TZdPkS/1iaXTPFC6dfWqxokk6So0iQ7UOGVRJCqkkbu+Oa6u3+KumXkYj+x31vqX9otpjabcpHFPHMIzJhtz7OVGRhjnIFZsnwv1/UrrWL261bTBf3eq2WsxeTBKsazQIishO7O1tgGcE9TjnFWtR+F9zrS6o+ow6TqFxrV7HPf2czSLbrHHCYo1hkC71dcK2/AOc0DLFv8QnudevNHi0nVIbdfD6ap9phVPtC7y4Yhd5IZdoAGPvKe2CZNO+Jkb6hoFhZ6XqepadeaB/asd5IIzPIqiPaWBcchT83+04Az1pmh/D3W9A1DSLxdXtdSlj0VtIv2vvM3SDzWkQqwGTy20sedo6c4qPwr8NdY8P8A/CEGS906V9F02bSb1R5m2aFmjYSR4C4b93jaeBuzk4xQGoug+PrbdaTan4gnv7a80QatBJNYJbxiKNv3smVYncRIhKYwNnBNbvhvx5pPiq8vbG0M0N5aRxzyQTqM+S4+WUFSRtyCOTkHgiuHsPgzrtxb6RpWq6jpraPY6Te6K8tuZTcSwyhNkuCNokGxcjOPc12nw88O6/oqFddfRP3EC28T6PbtE1wVPE0hIG1toxsGQMk5J5oAL34jaHpevQ6Tc3EkdxLfDTFnCAw/aigcQls5B2kc4284zWFd+PDdfEDwjFp098NAvxfxSFYP3F40MbEGM4LMQyt6Z2nANaUfgnWNJ8aald2L6LJoupXiX8k11blr62kwvmLFgbW3FMhmb5Sx4OOcbRfhr4m0OTwhp6y6PNpPhvUpLq3uTPMlxLAySrtZNhUOBJjIbB259qCkS6d4vu7jUvh/d2WsXt/pOozXlpN9stkjaeSOKU7nXZ94GNlwPTvUtt8VNE03RrB577VNTN5c3Ntbs2nSedI8TyFoyEUYIAIAPJ29Kbo3w31zT7LwtCV0t30nXLvUJWWZyHgm87AGY+WHndOB8g55qPTfh/r+l3ekELYMtj4mvdZJ+0yEtBOJBtP7sfvB5reg4HNAz0mxk+2W8M4DKrKGAZSDg9iDyD9anlbax9MVbjx5YOOT2zx+X9c02VVUHKg0AZT5bcTyKl8smPgZ4qZ8YPyge1IsoL7enFICCzhCuu7qK0Wwy7SOKrYAbJ4xzUnmDjnrQUiCa3GWfI3dTxjOOlVWkJ4zWhIwZaqttwTgUxlGT/WKwqaPLHk1Nkf3RSNhei0ASxrxikmh+XpzSwsAvPWiWQlTzQBmzKV5qu2W7GrbSblIxk1HG21ju49KAIljZc5Bpdg/GrO/d6UzdzjApAMKboxjg1Wmtw31q0zbc1GzDGc80wKLQtnA/Whoj5b56gEjFTMx3e1S7Qy5FAGRLbmVt3y/8CXJorSbrwf0ooA5K2+JXiLXJLSwtLyzsJJPE0ejzXkFk26SCS3EyvGkjYDDI5IIbj6UngvVtem1bwjPqPiK9um1LU9X0adPlij2W6zbZQEAxISgO7j7x44Fdhovwb0ewvBeXN/q+o3ZvYtReSe7KqbiKMRpJsQLjjPAOBgda3tP+HfhrTzCItFt5DBK88bXGZSkjkl3BYnBbcc/WmzE8L8L2ei+I1+Gia3crqaHSNZiuEvrky+YUlHl79zfMx2k88sQpwcDGn8OZLm203SLnVtJvtY0bU/BkOl2/k2r3AiuI3dZIXXblN4deWIBC84Fe/WOj2emxrFaWdraxqMBbe3WIL9Ao79zWmvmMWzIzknqzYPf0+tILHzRD8H/ABrpmteFr3TbS4uNY8OeHLKCIzSIbW7u45XZreVmbkeXIQJOgIGMkYrrviB8NfG3xIuNScwaXZWtxa2b2aahdPI9jMkvmSrtRWBZ2C/PnIA4xXtQtz0b5hjHzc/5/wA8VNHAOwG7ruI5HtkdqAscXo3gHUf7e8cXesXlnJb+KI4hIljvEkTLB5LH5hjkHP4d6XR/hUI7XRYPEWoR6/Do+mPpFnCtp9nTyZIxFI8mHJZ2jUJ1AwWOOcV30cPzA1OIw2QaBHD+G/hbbeHo9KibW9V1WPR4ZLfSftrRFrBXXazKyoC77PkDMT8o6Uuk/Cfw/pNjodlEuovDoU73Wnhr+RTDK+dzfLjP3m/76NdyECjinpGrcnrQI5Nfhn4WOm3dg+iwz2d3eHULiCaSSRJrgkHzGDMTuz82c9QKtweGmXxH/bbLDJc2to2n6dCWYRwxuVaR3bBJd2Vc46BBjOTXS+Wq46Gnsg4K8GkBxPwt+G6fDjwXZaTJ/Z9zqMCskupWNsYHnUuz/Mc7ifmPJJzgdK7FVZcMqhTjB2jH5YHHGR3qyB8o6n8akGCMYpbAV4VdMY4+XblSV47Dg9O3OasbTuJV2XJ3ZBIIzn0PPPr/AEpy08YFFwGLGDnPf8vbj6cdec5pZI9wJPzE8884/qfzGKerClyO9FwIY4cfX6DH4elDR4GBgDOfujr+GKmxu+7RwPc0gKrQ59Qfan+UCvPB6k9/0xUu7vTW5IoAqx2gjVQoVcZO1QAMnqQB3wB71MYSR95qkORTPMPegCNY9ueacYxt6nH1pdw55qN3wuKpAN8kFu5/GlMIIxRDzzmn7grUAV2jUdqi2jvVqXH0qsTn86AG+WKRlzTy1JtoAZsqF4wW5qdm21G3DUgIzCKYyqTipuoNVzlWoAfsC0xgKGkpjGmAhjypxUZhHcU5ZRmiSTv2pgV9pVCgZgnH7vPy5BJzj2z+pqP7OrYzVng5PaoZD6UikVprUbuOlPijCjinBvmwKSRvL70AxHjB7cVXmhG4EU5rg9KZv+XceBnvSZJE8O5cEc1H5KrxUr3A5HX6U3cqdSORSAa1vuU9KhEO0+1W1YetVrqQx9s/QVW4yKaIsoAyB7Gq7W4ZxnP4mrXmFeP1qPJZs0DsMkt/3eM84qI242AZqdmz05qP5s5NMCDyew6fSniHa2acJMMaDN8p5qWMSSLgcnHfmpFK8c9vWm71aOiPHpTQXFaHzOhxSohT+KpFZaRmw1MYMokxnimvCODnmlmbCjHWlVt2PWgY6O2LLS/ZdvOOakV2WneYJOpoAYq7elJIuRzU20DnrUMnzHjigCjOdpqtkrIr9quywqzctzUP2cKQGNIBrSBlJzzUiOWjHAojtFOfSpFjWMACgpELZK4PSomUbcd6tlVb2qNoVU9c0DKMhPbtTvNLIMDkVYaFevalhhG0gdKAKm48nvRlmUkcj+dTuscRZ2kESKpdpD0UDkmuJ03xte65pdrq1loTS6HeNGYZftWbgxO4US+UBt2kHdwxOOwPFMDpy4EmCcZ9Tjn0pjHLDHOenNcm3j5p9Lv9astJN5oNjLPFLcrdFJ5VhcpLJHGVwyKVbqwJ2nApdP8AiHaXXi5dBnhW3+2WyXWm36zl4b1WGdv3flcDJwOoBxmgDrFkDDg/rimyE4BHP+fSue03xc2pNpVo1rHHqWo3FxEtus7MixQttkk3bc8HAxjksB64p2fjbUNc0u41nSdJhvNKWR0h827KXVyqOVZ1XbtC/KxA3AnaenFAHXKDtyfqOOtVbqRkPfGcdK5T/hP9QjtPGc/9k2qyeHN2YRcN/pAWETEltvy/KcAjuD9a6HS7q51fwzaahBBCk91bJKq+Yxi3EbgvmEdOQDx1pASq2/PXPvxUoLLhRVPw7qkPiPS4r63SQIxaNopB80Uqkh0PoQQfyrTcxrxn2pAVXkfdwaKl2jtRRcD0gRLwBTljUe5pm6k3Fc4qjEsKoFSRkLzUK/d5604fLQBZMnFOhYbqg6qOaWHO/FAGhGw9aVJO/vVZvl5ANSKp8sk9aBMt7hxTt2OlQovygk1LtPYUASJIG7U4ydgDmmxxE9akClWyOaB2EWRm4p6tRFDlixqbyVqWISJt3FOdcNxT4l2U/aGBpCIVJYEimsTUyx4b5fu1J5Q70AQRsy/SnbOcipzGMYFIB14yaAIaNucU29urbT7V7u8uYLS0Q4a4uJVjjGTxlmIxn0PNM07ULTVrVbqwure9ticCa2lWRCR1G5SRkccdfwoAsOBtx3qFgDkVM3eotpLGgCLy+CaiZWbtxV1UxSMvpTAqKu3oDQc9xVjp2pD9KQELKZFGR0qBosA8Vf3cdKjaqQFBkalwcVZZBUbCmBXYZWmt8xFTbRRs4zSAhH0qvIh3GrmT6U3yxnJoAzWDBulDKfTirrLjOMUxlz2oGUvJ5pzRcCrJUCkbIUZoAqsCF6VE0Zq453L0qHAzjFMRnyKVbJOBXP33jASa5c6JpumXms6lZxxveJbmONLbeflRmkdQZCPm2jPBGcV1cseew/4F0ryvSpI/h78QPGx1vzIdN8Q3sWqafqBicwOfJWN4HcAgSKV4BxkHjnigDYX4iWl1Fp0dpp99NquoGbydJZUjuEWFykjSbnCooIHJbncMZqpq3xMsdJ0jXru40zUEutDAbU9OVY2uLaMjKzBS4DoRyChb6VQ1qOWx+J2heOTbXJ8PzaTc6VPIYTmPdMkkdw0eCyxuQyliDjAJAGSMDxZbnWNc8a+KrJJRoy+F10m2nWNkF9deY8u6MEZYICE3Dgs2BnikB3R8XW01nod7p8Uur6frMqQ215ZlNg3IzqzbmBAwjdiQRggVV1LxvYabY6hfyl5dPtLoWKyRjJuLkkL5MQzlm3kJzgbj14OOXvPB994T8beHr7w7Etz4K1TWob+5t9p/4lk7K4MsanpFKHIZOzEGsi28P6vN8KdM8m0lv9X8KeLZb+7sEG6W4MV9O8gXHVzHKJAO/Y8iiwHok3jqXS8x3/hzVbaU2011EAYGSRIwC67hLgPjPysR901RvPibar4d8Mat/ZOovB4hnt4LRVMRdWmG6MSDzMDI54Jx0PPFXpPGGla9pd8LEyXkJtpWmk+zPGkIKMMvuQfMSSu0Atk9O9eMW+kz2Xwk+Gt1Je6815ZajpRn0+dWcW4ifbM3lCPcoRec8gDjJ6gA931rVYtF01ryaGRrWEj7S8Y3GJT1cjqQBknbk4BOMVajkVxhGWRSuV8tg24YJ4I68AniuXjv7mPx5f6XqdxJLpF9pcl1EtxaRrCih9siRsBu2hJELLKScuMYGRXK/DFfEtn4P+HLNqDiG5toYrjSbi2XH2VYmYys+N6sp8oLyFzhfmBOGUep7SjHjIpy/N9Kk2+hJ5prL3oApNHtmJ7UMC3AGKueWGYGmtH83HFICvDAyL83PpipfLPYc1NzwMU5l2ruoArqrMeBx69BS4+XcelZ/iHxLFod5pWnrA19qmoySJaWiyBAVjUNJIzH7qqCMnBIz0Nc9rXxQi8P6P4inv8ASZ4dU0GJLi/00TBWMD/6uaOQ8Oh5GeCCpBxxTKR2CLukK+lSrDtbI61gXHi57DxPoGiHTJHk1eCedbhbgFYhEqs6svrhhyPQ106fNyKBkXOcYNN8vqRxVtR6ikaPc1AEAY4wKY/pVnZ2o8sd6Bmf5Z8zoc1LJbsWBxnjtVjyfMPXHpUi56Z7UDsUNjL0FJ5Zbr1q84HpUewelAFNocg+tR7doq6w29qYyhuv88UhlQqWXFJFuXjFWSoHT8M8Z+nr+FMk+VW3YUHj5uP6imkBlahbx3kFxbSlvIuIWik2Z3BWUgkd+neuK8CweIfCei6b4cn0Ka6u9OUWsOopJH9jmRfuyM27KnbjKgdVA714Zrnxi+I3hj4xatbzWum3tujppAhS3n+wvIhLokZz8s778c/3ueBX1jao5tYjcRxxXOzMix5Kh+NwHtzjOM0wPNNH8N6x4S8O6x4atdJk1W3nNz/Zl3FKixmKYvgSliGUoZMHAOQuRk8VHa/C/dpqeHtQhmawg0qzto9VgZUMNzAHxNEc7gw3ADjoCK9RZeuOnTBAPA6Z9aBleVypHQ5Bx+lIDyTR/DeveFdX8Laj4gaG6kgn1Kxu7iIgRkzSh4psD7ofaQR2Zwa1PB2g614B0l/D0GlLqdhbyv8A2fqcVxGsZjeUuolUtvBXdj5A2QPevQ5IlkjeJlVomGChAII44PHPSkEKjGExxgYwMD06UDPK7v4ey6h4h8eX194ehvodVhiWwmaSPcXW38o9WBXnHzHHHNQWFnd+Gx4FjuiINbskhsrq3TUCHeERtEXC5KFAw3EnHAr1mSMccYPUnA/Tjiq0lvE2couWXYTtB4OcjnrnJ749qAPGobHTrYpdXd19kvtS8RXNzpLNM0Sxw/adzkLnneAQAc58wY749baLdglsggEH196ttllxgAdAuPlA5OMdMZ57fpSbT82Op7/0pCK20rRU+B6UUWA70KaeIye9OXB4pVODiqMR6r8uKlSNePWot4FOWYKx4Y4/uqT/ACpCLQUDHy80y7urewtZbq5ngtbaJd8k88ioir6licDrTPODMFIZSeOcr+R7/UZ6V598Vr14/FvwvgujnRp/EJF8rDCGRYCbZX7YMxH1IXigLna6X4w0TWoLuWw1KK+FmglnjgRzKiEHa3l7d5BwQCBgkVk3nxY8OWngeDxej3l7oFxKsUdzb2rDcWYIh2vtIDOQoJ79cdawfG1vdy/Hj4eSWYZrlrHU49RaPJP2QRoE3/8AbUjAJyCTgcV5HGupN+x9ZXE+v262FqsarZJaohOy+HyGQtntkAjP0oA+roXHloxRk3KDtkHzJkZwfepvOC44qs9wt5uuIpBIkp8xWQgq4OOh/EfkaXORjvQMuJJvYDpU24A4FUlJ4NTcNjB5qWBbVx04p+5TgVTXOT1pV+ZsDNITLm8LTlYMOtQKmc8c1NGDwNtMRMtP4K03aQKctOwCBeRRtw2MZPoDS7vmx3peO43e3rTA8v1K5lvv2idP0/UF3ada+HZL3TkZN0bXLThZXC5xuVQBzkgZOR1pCH0f9oW1ttPXyrbWPDst5qlunCGSKbZDMR6kMVD8BsDrXd+IfDem+IhZPfRMbmwkM1peQSNFPbOflLJIuCMg7SOc1Hofhmw0Oe6ntUllu7kqbq8upmuJ5MLhQzsSQMdFGAOvBFJiNKl2Yyaft/zmkPPy98ZwePxqRkdJinY+YL/EegzyaQfMwRQSx7Ac/l1oAQrTdopeTwM59O+fTHrUayBgSGyv95eR+YpgOOBTGwaVs9ex6U2mAxhTGXNStzSYpgQKu4kUjKfWpWwOlQtmgBu2mbe1O5HNNOetAEbUm0U5hv5pNopAM25NRyY6Y5qT1pgUythRkk4HuaAGFeKiYbTx1rjo/itpl1572mkeJL2yikeP+0LTRppoH2sVLKUBJGQecVG/xg8MKcXFxqdi/wDdutHvI/8A2lxTtcDsG3M3ygnnAKg889uKzfDviK28RWLX9i8jW3nTQLKyhRLscoZFPJZHIIBzyPSvjT9pD9oLxK3jeGz8OazYDSbVJ5ra50sTJI8MqGErcq5GCucg44yD64+vPCdnc6L4P0KwmSyjntbKGB003P2dSEAxHn+EKO+M8nrTasBuySEZO5s98kj8eMc+9Ma4Y5ZZNxJPK5Xqc9B6/l7VSa6O8A+tNVmXLKOM9qQFluOhIOMbuvYDOPoPwzVCHSLWG/uL6KMQ3NwqrMF+5IVACsV/vBRtz3GPSp5JiO4qrcXThsoe360DLoZ9mS7bumc5Oe5qJtyjIZv++v09evP9Kq/aHUkt2GTUElwW2nfj5hxSHYp3ng/R55ruWaCSVrvcsrPcynKsymRFBYhFfGGVMAjGQahvfBujXurxatNZk38McaRyx3EsahUYsqlFcKVBwQpGMjnNaMkxZhk9PSjzHkUgkbcUATxsPWnNInI61VLeWoABz61WSYbgVPU4pgXi21hzin5V1z39hVVmb7QoP4U1bpuxI57HH61LYFfVvFGl+H5LVdRvorT7W4it/MDHzXPRVwDyfT2p9v4m06bW7jSoryOTU7YB5LTa29VOSGOR0O08+1cB8YPtMemeE5rWSKKa38SWDJNMm+NHLlOgIJGXBOCOlQ+GJr+H41a4mpy2dxdT+G7SRWs7ZoUZI7qZcHc7c5cfNu7imB0HjjR7m38VeFvFNpBLfxaSLqyvLaBd8vkzqn75F/iZWjXKjqM4yeK4/wAd+Gr3xY/jnWbHTr1rabws2h2UPkOs99M0jyDbGfmCqSBuIXkk8Yr0/WdTi0XRr7UZd8sFlBLcOIx87KiFmAzjsMDPerizJcWsE8TNsmRXRmOSMjOOc4/A0yjzhvD8lr4w+HWq29nrlwVFzHeSXjXE62wlgwMh8hMuAOOg716woxxWWkzJIQGxnOQMgHngfhUrXTbOPpQBqKV9cGm7uvFZ7XDR7RnJ65pn25+RmgZqErt4PNNJUDOaypJJo0Lq+T1xVhZn8sDOcjJoGTNcbXA9Tipiw2jHWqhzIvJ+lRRyOGIzxQFy+rBjimy/KuR0qK1bc5z+dQ6hOIoSXkER6bXIXkdRz36fnQFxftkbjGeaeq7+FbBPTHNZSttUAsuSSPT6/wCfaszxJrT+F/DGqaoH/f2dpJNEp/ikxiMfixUfjQFylb+IvE+vTahc6NZaG2kx3c1pbi+uZ0llEbFC+QjjBYHFOOq+NLWNhP4X0e6A5/0fWSg/J4BVjwrpL+H/AAzpWmCTe1pbrGxI+82AXb8WJb8a2m3Kqtu2nPLDAA9+QaBnA3V5qGseOtAstc0dNGtLUTanDGbqO4F1cofLDZXuoctjrkjkgV6Gu0Rjae3BP8WeSfzrifHkc1vpcOpWxZb7R5Vu4o85MsYXbNEB0YmJmHuQtdDp+rW7W8O+4iRnTeiySKrHrngnpweaBmj5hLEUm81nXOq2cagm9t1DcIwmUhiewwefwp0MhdeGJ7igC9uVjjp9aTKjvmqDK+4nJpCXXigC4zBu9QyYXqarFmA71G0rPwaALW9cZBzSNN2yKoSByvGRSLubOc9KALLTFW7/AIUVAzMuBjNFAHo8efWpJM7eOtO2jsBSshOKbMRvIQHFct8QfFGpeFYNDawhspDqGq2umSSXYY+UZm2hwB97GCcHHauwyNoB6d64P4zeH7vxF4f0aytdHl1uSPWrK7ntIwhBgilVpN25gpBTcMZ5zSEy1pOv3918X9U8Ord2kmkWukQ6gI7eICXe8jRmN33HhdisMAferr9S0G08RaW+m6jax39pMBuglXK7gchhzwwPRga4ex8K/wDCI/E7VPEEGjWui+FF0BbOe7j8mJBLFM87PsX5iAjYJ65XpXcTXKaj4dnubeQmC4sXkikwyna0ZZTyAQSOecH8aBCab4P0rTYrpYLLzGu1AmlupJLiWZQOA0sjMzLjOFJx378WrHwzpGl2q2tlpNha2iOZFt47ZFTcRgttxtyfofWuJ0n4g6R4F+D3gnWvEN2be1u7LTbYTHktNLGihuvKjLFiM4ANeiW91BeKXtp4rmMOY99u4lXcv3lyuRkf1oGh626LgIoVF6Koxxjjpx+lWFtlYgn0qPcFBJ6ActngdAMnoOSB+NWejYweDg4HpQMURqR0p4hX0pFIVtpPzf3RyTg84A5OPaqml69p+tXGpwWF5FeS6ZcfZL1YW3G3l2q2xsdDhgakRoBQF+WpFXgEfypqj25AyR14olnit4/MllSGLcE8yRgq7icKMnjJPA9aLCJF4qRfpTP8M5AyPzFO6Z9B1PpTAdxycVDfXkGnWs91dTJa2tujPNcSsFSNVGSxPYVMpwf/AK2a4P48aFqnib4QeJtN0ZHn1B4FZbeLl5lR0d4wB94lVYYHXIFMC/8A8LK0e3hs7u8j1DTtKvJFih1S8t/LtmZjiPdzvjDn7pdVBzXWt+7Zg3yupwVPY5xj9K8v+MOv6V4w+Cuq22lTxajNr9itnpdnE2ZJZXZcRiPqNjAk8DaFOa6ifxJc+G1tdJm0DxFrV5a2sEct5p9kskTuIgGwWdec5yfU0CMz46aodJ+FevyG2muIJYfszSQkb497hFbBIzhmB69qh8I6+t18UvE1lfWl1pevTabZTGxn8p1eGMyIJY5YyQwJkIIwpG0VV+PE51L4H6+5tbqC5ureFobOSPFyGEysE2gn5xt7Z7da6PT/AA1ZaXdal4ksYrvXddvbVUaa8uFEsqISywKSFWMbm/PrUsZ0/wCBx37Y/OuSj8Y3OueIdX0jQLSzuRo8kcOoX19K8cCzsm8QoqqxLKCu4nAG4YzV7RdY1/Ub4R6l4WbSLRkJN02qQT/MOi7Eya5Tw5pd18O/GPjOS4sr280XxBfrrFteWdu1wYpGjCSwSqgLKQyhgcEYJyRigAvPjRZWeh6o9zYuviPT9Tj0WbQxOCz30hHkhHI/1cincG/ug8Z4PRNL4ptbzS4ru20m/tZ5/JvTaCUG2Uq2CNxKuocAFsKec4ry/WvhDrviC48Q+LbeGO01+fX7LWtN0u7YR74rRNoSZuQjSgtwSQpI5649T0/xDqWrzQJ/wjOo2MqlftC6oqRooAwQjK53sw+UYyvOSRTsBmfF/wAWal4I+Ht94g0xLWWS3lhLJfRlo5FeRIzjay4Yb849Ac1U8XeKtV0bxb4I02zvNNnttYvZLO6eSEu6bIWk3x4k+UNsK7SDjIPNeW6hJ4j+JPwzv9GOlprOv+LdHGp/bIrofIy3SZgmWTasaplVAXglX+Xjnv8AxZ4KlvNd8B6xofha1sJNP1U31+YRbQusTQvEyZVhvYF84zg880AemhG2hiM7hkMvRh6jtj/Gm7a878O6etj8VtQu4ruw1w6lHcPJcR/8fOmlPLHkttcoyEbQCVU5Toa9G7ZoAhxtNOOCuKR+opuTSuIZIMVEw3e1THGOahf2pgMb7tR8Zx3PHQ+/+HTrTmbbk4B74PSvDtN8ZS2umfE3TdT8Q63cX+m6leWenzlZHeGJIleHbIsZXOXwc9uM0yj21mA78d8cj8x17dPWjPYjB9Py4/X9DXg8njDWLLwL8ONe1ibXb7w5c6OtxrN9pcjm6ivJEjZJ5vLwxhA835QCoLDIYV6h8Pb6O88H6bcRa0viW0k8xoNWDh/tERkcxkkAZdVwp9CKBHRydeDiua+IWvzeHfB+o3dmgbU3jFrYIf47mYiOID/gbr+Ga6ORsqSPSuK8QMda+Ivh3RQCY9Ljm125TaRlwTHag5HctI+O3lZoA6Dw/oMPhXQdN0a2O6LTrWO1Dd2KAAtn3JLH8aviSTkCRueMbj/LpTWIX5RkAdj/ADprSKOOtIDhvivo8V5oMmvLZQ32paM6aipdFLzwxhlngYkAurQtKNp4yRwcV1lvLbXVvFLBIHtJUWWB+xjIJVgABjKnv2xWL8QNUv8AT/BOvajpFxbxahY2kl0gurcTRP5aMTG6kjIYAjPbNcR4P8YyN4J0Wx0sjQdV0jUbXRtV0m6UTyWyvIEBBJyVJZSjc5GBjgimB6g1mjZYqRjv2H49O4/Ok+yrsIU5HXI5BHOD9Dg15lZ/EK7t5viDY6j4j0uxv9Fu5LfTmlhhicoLdJULIT85ZmKnHPAxXXfDXXrvxT8PfDmt6jMk95qWnw3krRIFUO4DFQoyAAWNAGw1mGfJPFL/AGemM9qshlye1ReYGY4bigCKSzjbdheCKgbT4t2ccCrLXQUe2cU3zFbODUsdymbGLcSBzS/ZQKlMihjzSlxyPagLkRhGKoT6eokjZXI2nJFaDOFXoajPzYPWi4yFod65/iqP7JGrllGKnc7fpWJeeNvD9hdTWt1rNla3MRCyRTTBSjHGFPYHBB/+vRuBb1Hw3purRImoafa6jEpykd1CkiofUBgefftVfUvC9lcJcXFpaWljrLQNFDqS2iPLCxUgMM8kDgbc8859KS38b6HJ/aCprFlI2nrvu1WdSbcer88dvwIq9p+tWOuWUV7p93Df2kvMU9u+5JB2Kn0OP1qgMPWtkemahonk3d+39izO95JHiNxsaJQxz95yWYKM429emdHwW633gvw/PnJn022kXggHMSnI/CuX+K3i7WNP0e80nwpYf2t4kktpLh40KqltbAENL8+VDsoIjDAgnthTXgv7LnxI8e+JJLnRdDNreaHpkZkWPWpspBCzYhhSRF83PUb23rgDjFO1xn10tqh4Ch2PuM1l32s6bp2uaZos9wI9S1JJpbSEqf3ixBS/OMDAYcHHQ+lY0fxGh0siDxTp9x4WkJ2i6usTWEh/2bhcoPo5U+1eLfFz9m6f4hfEebxLoclkNLdbeaWCS5kP22TzGM2x0/1Q2Acg8kn1qQPpOOFJF3Hnjg//AFutZviLXtJ8MzaRDqE6W8mqXq2FruIw8pVmA9h8pGT6j1q/ZmDS7WKBE8qK3jREAJbaoAABPOCBnnJrwv8AaA/Z5ufi54js9S0a4tNLuktJUubqVpP38i7VgQKCQuBu+cc9OOKYz36OBHjG7btI6g5GMeo6/h6VFshRGbKoABuZnAVcnABOcDP15rjtM1iw8B+H9F8Nadp7XesxWcKxaHp8hkZcggtJI3CR7iSHfGegB6VOvgqbxI63HjKaPV9vzR6PGCNOtmP+zw08mP434H8IHWgZ2HkqqgEEFugIwT+HUfjTWhj6H5fXNcjJo+seC9zaH5ut6Mv39FuJS9xAOubaVjl1H/POQ+wYVr6D4rsPE8LyadL5kkD+VcQMjLNbyf8APOSMgMj+xHv0oA2fIESt8vIGSDzXmHxU8O6jc+ILfVbLSLXxhbW+nvaXfh+6IFwIjI5M9qGztfJAIOCQBg5rotY8fxx6hLpGi2v9vaxE22WKF9tvaf8AXxLyFb/Y5b/Zq3qHhez8SLaXWprKmpwQeUZtPu5YNgYhnQFSCVJz15x6UilY+f779qzSPC2reFtOsND1mXQ5LUpOt1AqXE6lQsDQDeN/zBt3bPrXZ+MPip4b1rRtFSQ6hZWUt/b3OoNeabcRCCFP3u1yUxzKkacE9T25rrda+CngfXHha60KF2gtI7K3ZXZfs0aPvUxYPyMGJ+Ycn1FdncSLNHLFPtuIZV2SQzDfG4OMhh1IOO5pisMRY3QOpVlkwwf1BGRinNHtU8DGO9cbLb3vw5VptNW41Xw0pPmaeCXurBeuYjyZIu/lnBXsW6V00PiLTrrRV1ZL63fSjH5v2wuPJ2D7xLdMDnPpigZyXxQ8J2fiDwtPDcFkdbm2MVxGFEsDGeMGRGI4IHv2rldDuJ7vx1p3hfxPaQS+IIbG8ga8aH5L+2byvLuF9CSCrJj5SSeQc139hqGn/ETRblZtPvP7JkcBTdA25ugCMSKPvBcjjIBPXFbNxpNpcT208kAkmtVZYJWdvMjVgFYK+cjKgZ9do9aBngOkR3s3ww+F082n6elhZ6rY7ZFmLTfeaI5TygOWw33jivfo41EYOODzlhjHtXPy+BfD1rpMGkJo0KaXHMLmO1EkhSOQY5GWyTnJz69q3k2wwgABRt2gL0AHbkmgByqvORSNGnpVc3G3ODnFMN2/XAoAnMS4PFR7FH8Ip0bs65NDUDI2ReeKiWFQfaiaYK4Geppd1ADfLA7UUu72ooEeiUnXNFC+vX2FUYkscZIz1qZscjPGS2O3T+dcnqnxG8PaPNdR3N7MVtZlt7ie3tpJYYZSQAjyqpRTlgOTwTziq9x8VtKg0PxRqqafqk0Hhl5I9QRoVicNGoeQKHcbtqspOP7wpAdnNax3EckMkcUsci7XWSIMGX39R6jvWT4haLSxqHiDU9Ve10m00543tnx5MbNy0rY5diNiqAOCSBknFX9HvX1fTbO78iWzNxCk4hkIZ0DqGAYgkZ5HQnr6c1zOnsPiJr8d8dsnhTR7gm0Vc7dRvEYgze8MTcL/AHn+bGACUFj5Z+InwztfiJZfD3TbsN4A8Q2ejrY6ne+JhNDFI8UUYgCBv3bM+X5XGAT9K+tfg34JTwH8L/DmhpZWdpJb2qi5/s9zLDLMeXkDH7xc85x+FdRc28N9Zva3MMd1bSDDwXESyRsD1BUjB79RznFcn/wqXRbSZ5vDtzqXgyZzuP8AYV00cLMepaB90RHsEFAtjx39s7VPG8Oi6Ho3h+WG40jXpREbCwtHl1IzRES70ZSQY+IwcLnnFesfs++IPEfiz4W6Vr3inUo9T1TUC0uFs1thZ4Yp5BGM7soTzg/OfSjW9b8a/D/S73WtQi0nxfpmnwy3E09uh07UI4sBnOzmNvlU9CmcDIrSg8Y+Lb2OOaL4dXaiVd0bXGsWUZ2EZHAYkA56fpTQrnS+K9Jm1rwvqthDqeo6RNJA3lXuknFzEV+ZTHwTknqo6+tfK37NPwX+I3h/4nWmteMINdstMv0m1Jlt787JLtSCovEBzkhmIB68Cvo1fEnjk42+AbZT283xFCP0WM1labd+J/iFrOs6NfhPB+n6Q8MN5b6Td/aLq8MkQlVRcFB5UYXg7VLE5AI60bAdHqnjoLqUui+HrVdf1+MhZYoZSttZf7VzMv3D32jL/wCzUUfw2ttYk+3eM5Y/FeoFSqw3EOLG0UjBWCDJAOOsjbnPqK6XQtDsPDelxaZpNnDp+nQjEcEKAKO5b1JJ6kkn3PStAL60gOGXwvr3glfM8L3J1nSU6+HtWmYvHntbXJywHoj5X3Uc1s+FfHGl+KLiSyiMlhrEAzPpF8vk3UXqShPzr6OpINdAR1J5Pqa5nxxpOi+Jo/7Nv1R9YS1mvNPZWZLmApgb4pFwy4LKeG575HFAFrxF400/w3cQ2Lx3GpazcLvttJ0+PzbmQdmK9FT/AG3IUYOTVzw/NrVxayy61bWun3EjZhsbV2la3i/hWSQ4DNnn5QuPU1g/CXSbGz8AaFewRK13qmn293e3khMktzK6BmaR2yzHcc8njGAB1rssDpgD2HSgCCGwtba6lu4bS2ivJSWkuEgQSNnqC2MnnPJ7cd6mPyoFUfIP4SePr9aftpfLLcKcHseuKAFjkMLnazDtkfJkdQeO5H44/KsvS9dtdc+3/ZfMH2G8ksZhJtXEqbWbByc/eHJ+nXisH4jeLLnw7N4c0rTikWp+INRWxtp5F81LdNpkkfaeGZUB2g9yKwPEV5N8JNb8Pz295PqOjeIdaTTtRhvFRpVuJVIS6VkVf+eYVlIwfrSEellvlLdeMjOM4zjkDqM8UfLwOdwbAb37n647Ajjoa86+HupXnxQ0q78R32p6hZW0uoXVvp1lp10YRBFE5jVm2/6yViCSWyOQAprqtPmPhbQbGLWdY+3XQkeGO7kBaW5JdvL+VRl22AA7R2P1oA2lj3FQNzM2SFzzkenf8/zpskbL2ZfTkr1GTjuPz/CvIvBWtfZPFXxJ0e+bxFqkcGqrbWyWwu7n7PbtAkixh1JETZYnB2nkYqx8GPFcVh8EfD+sazdXk00+9JZJBNdTSyedKoUJh3JCr/CDjaScDmmB6XHp9pbS3EltbQwSTyF5XjjCtKcn5mIGSTkk5PXPXOKlwVfcGIJP3ucgY4AP1pLeZbq3hnj3GKVBIu5SrbSARlTyDg9CAR3xUp57UhleOGKIy+XEkTStl2RQpc5ByxGNxz3NMkkAwKsMh9KrSQ/MpHXvUgMkl2sKhecc4zmppIi2MVGbchs8YoAhExWM55qKS6IqbyeoPSoWtfm5PFUhEbXDbgAcE964TQfB2q6SfG7fb7F/+EjvZrxEWF1Fs0kQiZTz8wwqntXfSWvyg55zUS2QG47uc5FMDzvwv4D8ReDNB8M6dZeILKRdEsG08x3FpIYbuPKbCwEgKsuw4OT16Umg/CpdA0ZbaPxFq+nTTXNxeXH9hypZwySTSF2AjKOQo4AAYdzXo0kAdhuPH0qOS3XcG6noB2pAcP8A8IHIHXf4w8YEHp/xNlH8oq5+30O58F+JtQuPDery+I9TltLeXVdF1q5V7qWENIIpYpvlxyZAFcmM9mXrXpssG/dGzOiMpQujbWXIxlT2I9a+Q9L+BPxDt/jc2qTXfiQ+GpNVbTZdXS9C372aAshcEk+USFG7bjGeB1oQH0/oHi+w8VWcr2jyRz258u5sJ4mjuLSQfejljIyp+vB7E1fe7+YKq5J4HIBz6c9Px4rN8S+B7bxBfpqVtcyaP4ihQxQatagb9nB8uVWOJoyQMo/TkgisH7d41uZF0qPw9b2uqEfPrUkofTBF0WZI8+azE9IWAIPVttMDa8WWV1q3hzVrG1iSeXULGe2iWVykZ3oUDE46c+mcDOK5HxL8OJ9a1jwz4ijlXTNe0+W0W/jSUPDfW0ciSNHIcZYqyBkYjI5XgMSO38M+EYvDdvcb7681bULpg91f3sm5pmHAwuAqKB0VRgfXmtf7GmWYg7iMcEYoA840Dw1q9nrnxAvbqy0+aHW5Emsg8zM2Vt1h2uDHhQdgOQTyTWx8MfDupeEfhr4f0PUjC15pdolqZLaUyK6oMKclV5I68dq6j7GsIITJJP3mOf0qYR7VxgH9KBlDzHzyMZpBmPPzdatNaozbiDnr1pvkr5hHXkgY55HUY9qAKW4shBPQ56U1mIB+birTRqCR0HvxTTah19jxwc/ypAZbSbtxBoWZgw3H6VoyWiDChRtxUbWcZZSVHHTmkMgumZo1x3qo0zbfl6A4rUkjDLioGt0xwKA2M7zJVyyuA38O7OAe2a8y+Ea2epfBuPT9V2SOrXcWuxzMFZbkTP5xlIx82ckHtkYPFetfZ1yex7VkXvgXQL/VG1KbRrOS+ZgTM0Y3tjoWOPmIJ6kZpjPN9Kg1Sbxz8S7WylsmgvPsk7teJJg+ZZ7MgjsQvOT19areCfGmq6H8LvAAtbO0vTeWVpYxre3xgJlZSqhU2twCNzcgge/Fesjwfoq3l5erpVp9tvE2XNwI9sk6+jsMZ9vSsvUPh7YTWdtptlHa6boqMry6fbWaIHZJRKjIRjyzkc4B46etMCLw54XGladdxX0i6nqGpsZNUvJFwLiVlwygdo1X5UX+Ec8nObul+EdG0G4E+m6VZWM3kLaB7WERnyVOVQ4POOfzroTaokZx3wPcgDiiO19+KTAptukZkduCpUgjgj0wMZFeb+K/CVrot1pVxoM134XuL/Ure0ujpEixxSRyZyBCVMQYEA7guT3zXrDQqvIUE4rk/iSqix0KULhY/EGnkkehnVR/6FSQGR/wh2rybkTx74gABztlhs3/ADPkisrxtpfiXw/4Zn1KPx3qEyxNArJJYWgYo8qxsQwjBDBWOD2Nerw2qY+4PTOOvNcZ8WtU0228L3OjySLHqOqx+Tp6yIVjlmBDIgkI2BiV4BIJ4qxmt4Z8N6d4dja00+HyUd2eaaQmSa4c9Xkc8sevXjtituYKihVJDDv1x9Khh1qzk16bR/3kepRRCd4mhdQFzjO4jaeeOD14q80I37tpz3GKBmVcbZIwHUED+FuR+tec/Fex0rUo7q48ya11qy+xm5urSV4Jns5rlY2jZ0I3KV3gdduMivWWhTglRivJ/ixYBdQ18IcPeeFJ5I1Zs7XtZi4wP+236ikM7PSdHstF09LLT7WG0tYzhYLZPLjB6E47k9yck9z2q95bKFAJK9SKuWLJc28coGBIiyLxj5SO9WPKX0oGjImVlXPamr78n0rTkUZ5FNZRu4Ht0pFGeylWR0yrr0YEg/nXJ3Xw70O81yTUJbJiXkE8lqJCtrLMOkzwj5Gk/wBog/Su48oBuaYyqe3SmBVtwzMzMSzbsj8sZ7844+npVnaWyOlOjxu4xT5GK596AM2+jZnUc4FVpLd9h+bjFaLtv6/SmPjbjqaAMPDBip61baM+Sp2n3qw1ujSB+lPOGG0HigCOHG0cUrYpw29BTGADdDQBBLbiQg4GRzQV4qXPWkyOtAEfk/SilJOeKKAO/wCq0K0iCR4tvmKpKbum7HGfbNKBxTuV+6dp9cZqjE8z+CupWB+Buivqcsb+XFJBqa3DF3a7MrCVHByzSFm+71JYEDgVx+o2h1HQ/juieIprS2S+u9+nwfZyJWeyhwWLozguQFwpBOMDmvaI/B+gx60+spotiurSP5jX3kqZS2Nu4sRktj+LINbFnaW1tk29tDa7uvkxInOScnaozn9OuTSYHk95Neav4f8Ah5BHrmp2Wkatb22lXv2GKMRputcFXLAyJI0m1QynChW9s+w6fZ22n2VvaWdulpa28Yhghj+5GijG0D09PT8apS6DZ3WqQ6jP9onuYVCxxyXMhgQqSVYQ52bvmPzYyM1qrjikA9VqRV9P5Z/SmrT17UCZyvxWAHws8YnGMaLdZAPH+pfn2rqtNiWKxsxn/l3jyVHX5B1HNcx8Wl2fCvxkCOTo92o/3vJfiuqsfmtbPb83+jxnI6fcXmmhFhl2qxX5gPfA/WuR8Jrt+JHxCVckGXTXAOFPNsy+3XFdbJZxanGbZ2k8qf5SYZijgHg4ZeVPuORXzz4D8Vah4f0ltC8dXH2u18TQ3A0fxNM53ytGZFFncSk5LqR+7YnLDjihgfSKArjjj1/P/CpBzXFeG/EGkeGPAHhaTU9TstHhn0u1kD6hdLD5h8lCxBkPPXP405vjF4Eh6+MdGf8A643Sy/8AoOaQHZlT6VyesxrH8WPAkzjCXEGpWRHUEGOGQDP/AGzJ/Oqv/C6vBzcwatNeHOB9l066mz/3zEaq3Xj/AMNapqGlX5sPEt1Ppcz3Fs1toV6RuaNojkeV02uaAL/wXUr8KPDUROTb2zWx9vLlaPH5qfwFdtGPWvPvgrqkVx4Z1GxKTWVzZ6teNJYXkTQ3EEUtxJPCWRhkApICCODggfdOPQW4yOmOTmgB9HPuPeollVeSwxnGc5pGuQzYzj2PFIDm/H3gmTxla6RPZ3a6frOi3yalp1y6F0SVcqY3AILIyHaT1HaqWreE9R8Y6nocuuwWVlp+j3aajHY2k73BuLpAwiLFo0CpHuLAYYscEkYrsllDKCpBB4HIp4YbTnk9Oev4UCOD8OeB9W8C3Wo23h++sJvD95dSXkenapHJvs3kO6RI2QgOhbJCsBj1rF8ceHfEA8RQ6lbXmp3VxFolxDp99Zwh1XUGl3ESR7SBHIPLUZxtVXBODmvVDnop+meaRgNx+X5TxuOPfvjIHOBzTA4zwZ4I1PwvrHiXVrvV7W5utcniupYYrMiO2uEhWPKkyEspVRkcc8AjrWBb/Cuz8O+BdP8ADFzb6h4nitrmaSyutPRbWeylbe/mB/NBXDOQG54JBBr1HcqAkYI6DDYHH86Yy7lYD94Onygtn8vSgClokF5b6Lp8Wo3C3epR20Qup1GBLNtAkYfVsn8auZAozzwRxwMdAO/Hb0pPvdPrUsBGYnIpm31pzU3BpDG7RTGAqSo2NMRGyZ4AyewFc1qPxA8KaXdTW134o0W1uYm2vDNqESOp91LZrpXbb7GqjWNmzuxs7cs7FixgQk8dzjJpgctJ8VfBKqc+L9D49NQiP8mqu3xi8BovPi/R/Ti6U/yrrxZwR5K28Cn/AGYlH9KjkmMaYHy8/wAPFMZxp+MngZiQniiwkP8A0zLt/Jajb4x+DOg16Nz6x287fySuya8mjACsw9803+0LgN/rX/76NIDix8ZPCDNxqs8nPSPTbts/lFUbfF7wrhgt3qUh9F0a9OTxxjyfriuza+n2kiVzz03t/jSG5lWP77ZbrzxRYRxn/C2vD2RtTXHb0XQb3P8A6JpG+K2jfw6d4mfnoPDt7/Pyv8+tdXNcOG+QmoDcyMRkdffFAHMr8VdPkbamieKmGO3h+6H80FJ/wsyFlJXwx4uceo0Gb+orpY5G8sk9c9+ae1y3AB49uP6UwOU/4WQrKSPCXi5h/wBgZh/Nqb/wsdjjHgzxew9f7KA/m4rp/tRYAE/MTxuJNMknlxnC/XHNAHNSfEOdlOzwX4qfjp9ihX8yZhiuT+IvjbWr7wRrcen+H/FugXy2zXEeqRLaILdo/m3ODMcoSMN3x616e8jSKOme+e9Y/iXQ7TxZol5peqwfa7G6G2eLeyCQbt2CQc4zxx2oGfG/gP8AbJ8fQ6jFYX2l2vi4vgKlvbPBeMB6eUME+5T8a+v/AAX4qvPE+hQahqGg6h4ZuZAd2n6iUMo4zu+Unj64PtT9D8J6P4PsWt/D2lWOi22D+6srdYd47biuGJ9ck1a84+WwY7ty8g85b19f1oA0hMjqTuqNp03Y3c1Tjk2rjPalOTIppAWWkCjceBUKzIyjB61BNubJJ4qnIXiVCG4zS2A1QR1p/fFYkd1IJlUtnd6Vd8xlOd1MaNHhaa0gVdx6VR8xmYZf3pwl6gnNMZcWQS0SSKq8VSZirZBxxR5jNx3xSAuxyeYcDr7nFcL8XPEFpp2j2lsfOkma7tdRCQQPIywQXkDTSEKOiq31ODjNdLPqdtZxiW5uIYIiOGmkVFYnsCTg8c8V5f4psrzXNW1KGdHtrrxFeDQbRZd26PTYA73Mo6cSFpMHocx0AdrH8XtAmhjeFdauI5FUo0Wh3pzkZB/1XcenrVDx+dF8eeFdCgvVmi0q/wBWhjKXkT20oJSZFYCTBDDIIOODiupt4SihY8RInypGpIVFxgKB6AUTWaXDBXiimVScK6DHTH8qYzhfBGpeJNM8ZXuiazDJqFxp2jYtdSL7V1SL7QTESTwkmGKvkfe+boTjp38UeLJjlPArKAcDdrMCkj8Aa3YrfF1uLEnDHcerH1PpkdamvCvl9MleQeRj9aCjmZPE3jDGB4Kt0HfzNdiH8ozWNqdx4r1+G4jl8GaSkr281os8uuKzIsqhW48rkHAPX+EV1zOWBILcc96eilmIIODyOelAGP8ADzWjdeHLSyvFeLVdKhjs9QtZPmeOZUHPHVG+8rDhhz2OOp+0JtJ5xgnpmuQ1/QpZtUs9Y06ZbLU7UrFI7KWjubXd80MgHXAyyt1VuAMMaqXHia91bxhd+HtIjtkfTII5b27vlaQLJLuaJERSMHYpJYnjIxmgZ189wd2OOMHGQT29OnXvUDXwySMkAZJUZ49a4GPxhrNzqum+HjbWuma5LbT31zNJ5ktvFAkvlI6KSpcuSpGSCBnpisvUPilPptxe6HcWFv8A8JRDf2unW0a7jbMLgForgn7wUKr5AOcoQOMGgLnqM18NmYjubAJzwRn2pPtCY3bucZIrhT4iv9D8VaboWsG3uY9Ut5JbK+t4miAki2mSJ1Zn5+bghugJ4rrIlZW3tmMf3sdPegLl+GbcC23aM459fT3/AApbhyY8qynI+Ug8H8a8aX4keI9P157CW7sLp18QNoJsY7Yx3KRlcrOp3nO3q2QAR3qbT/inq8mna/pmpvHp3iG1iurmxvBCvlX8UTsGcIflEgKFWXnjnkUBc9R+07oNwYZz/n6de9Sq2Ysg5OMn2Hr/AErxjxF46v8Awz4g8SWVz4pTToLPTbe/s/NsomM7MrhlYBMn5o1Ax616h4W1G51zwnpOp3MS2t1eWkU8kKNlVdkywU+mcfjkUDLzXA5GDkVAt08kZGMc9qkaMjBYZPtTPJO1to57UDJbGV5C25gVFWGfsKqWytbqVA+8eatL05oAqXE3k5yDikjkDqCDVmSFW6jNReUqtwMfSgBKKX8KKAPQVpaBQAKsxJVXKip1XpioIzzVhW6VAD1FSr2qNWqRTQBItSKwXGePwqLPf+uKxtT8ZWOm6lPpohv9Uv7eMTXFrplsZnt0YEqZMkBdwBwM7j2HIpiZzvxLvTrk134S+3DStMk0S7vNd1AoJfs9oY3jjUAnALOC/JH+oIqHwToPjjxJ4V0e/wBX8b3WmTXVsk5s7PR7VWgDL8iFnDchAM+/rVOHw2fHWlvdWF7FrOmeLNWFxqmoQnYqadb5MVpsOGySgRhjgtKT159cAGchQv8Ad2/X/I+lGwjG8N+HdR0KS4lufE+qa/LIo2JqawiKJh0IWKNOPxrLh+FthqXw4m8G+IjBrOmy+ZuZYDERucurAb2w6FjhvpmuyWnrkdOlIChpPh2z03RdI054or5dOtY7aOa5hUsdiKhfGMAsEUnHTHFaaqsA/dKkQ9I12/yoVqVjmgB32h9ww7AVIJHbkux/E/0IqtU8dIDm/FHhWe8vrbX9EeOy8TWS7Elf5Yr2E/et7jA5U9m5KkAgdQbWoeL7XQvCceua3BcaSCke+ykAecTsdohUKTly2FAB5JFbn+sOO54rzb446bfTaX4U1izt5ru10PxBa6nfW9uC8ht13KXCjlim7djrxkZOBQB0c/iq5tdS0u1vPD2o2MeoXH2aO4Z4ZI4pNrMBLsclcheOOpArLtfiBda5plzq/hzQpdZ0eGSWJJvtYhkvPLJDmCMj5hlWA3FdxU445rYs/FugeJFW20fVrfVmvEZP+Je6zGGMgjzHx9xVJOC2DkYGTXGfCPVj8N/h7pfhvxFHc22u6Islp5KwPJJfKjlo3gwv7wMMYKngAg4zmkwN1fihpmqWfhw6CV1i98RK72MMj+UgSNcyvMQCVEZyDgEkjABq5Y+MLiz8YWnhzXrW3tL3UbeS5sLiymaSG4MZHmRfMqlXUENgAgg9a8v8F/DXXvh3/wAIR4jl0+W5kthqA1bS7fEs1tDeSmRGRer+U20Mq8jJwGrtr3TZPG3xG8HavbwXVto3hxbm6e5vLaSBpppo1ijiVJArEAbmY4HIXr2Wwj0ZinXK/iw+veuD8Y+I/EGm+P8Awl4f0qXTYbfXorkme8tJJngMEaydFlQMp3Ac471pSR+OheP9nuvDUFmHJTdHdPIUzgZwygHbn15rC+InhO78T+OPAt0NCOsaRpkt4dQD+UUjWWIIvyuwLHIzjBwOmTxVAcqvxj8XX/hW113S9Is7y9s9em0O/wBJtgT9u8lZWkltpiykZVThSCCRjJrs7bxhF41uvB974e1orousrcB1W3iaTMUZfaSynY6sCGU+laPiXQpbe28OQaLpWLbTdRhujBZPFbpFEokDBV4Gf3hIAGcjrWAvwpOi/Faw8U6Nci0sJnuJNT0fpC900LKLmNRwrMWwwyAfvZzxTA8/vPi9qui+CfFOo3vja1bxDo2s3mn2OjzW9uBeLHMEhiEYHmAycjeDgHnFe/200txbQSTR+TM8aSSwgg+W5QEqCPTP6GvJLH4c+JoPDPjfQJdM0GW28R6lfXsct1fO4hW4x99FhG9lwSMMME9e9ej+E9DHhXwvo2h/a5L46bZQ2hupvvylFwXPpn05+tSwNdjzSNhaaXB5/Co2lHrSAlxTWFNWQMMA01mpgNkU81Htp7NUbOFHrTGDVTuF3KfXrU5kqJn+YGmBCUZlFRtCwJOKs7vmzSNhu9AFAQlCT2JpskZY4zxV1wuKhdMc0CK62vPWmNZjKknpVjcO5pGkBwM0gIPsozw3FI1uMjmnhvvenakDcZPSgZCbJQFPUg5pGgG3nNTeYOvakaYMuAaAK/2de9VmhLNt7A1cY7etMZvpQBDJboYyPaqTWaYJHHarxk6gdaj2hjnsKWwFZbJfL6809bVBg5JxUjHb9Kj84etFxjJrddpqt9lDL9DmrCNuY5ORTJbiOMhc8sOKQ7FdbAIVf+IUohDPyOlSm4zgULIGXcKpASeWg5205YUbsM1F5+doPTrU0MytyKYDWt1Zvan/AGeIjDj5MYPOP17UiyAyFcEVMvqMcc0AeZaXbxal8aPGVprMMN01jY6f9gjuIgRHBIrGVkQ8HdKCp4z8oHeo/hT+5XxPpboslloevXNhp0xUN5cBWOQRo5BJCEmPgnsP4a7fXPDthrFxbXUwuIb+1Ro4L6zuJLeZUbAZN0bAlSAeCTg9MZpmj6HaaLaLZafb/Z7SMsVjUlidx3MWZiWJLckknOKANi3WJlAAFWFgQEEAVStiI2JP0q6kmRnNBSI5LXMyuGOB7U5rVeuPrSyTbVJzT1l8yMEnrQMge3TBwMcelRFUiGTwanaVCxG4Z+tUruRWHXkUAPRlm+XOMHIx1rir3w7qnh3x1e+ItFsl1az1W2hivtPE6RTRzQgrHJGzEAjaxypIwQOtdXvCYxjJqVLhWiILZYd+D/MUAcTrHhnWH8R6V4pt4rZdSt7eWwn0vztvmWrsHXbKRgyqwz2B3MMjGawdU+Fd34q1LU/EN3LDpmvST2VxpsIbz4rUWisEWQjG4MXk3HsGGM4r1ESpsKg8dgMcfnTFkEantjp0FAHIv4Z1HX/F2h6xq1ra6XHosc7W1rDcGdpp5gEaTJUBUEeQF5Jz2rS0/wAPanZ6kLifxVqF/AN2bSa1t0jbPTJVA3HbJNap1BVYptPPcdPyxUX2wu3B+UUAcz4a8J3Gh+JfFOp3MenlNTvRd27QktKi+WiMjFk4+4Dwf4jWLrXwvPinwrqGkazPFHLJd3F1ZX1mzGS2aRmbcOF/vFWUHDKa79m8xhjv1pZUbjBIHSgDi28G6zD4pudbsb/TD9o0uLTJIb2GRw2xnYuQCM8uflOQQBmtjwL4Ri8CeEtO0OO6a7Fqjgzldm9mcuflycDJwFzxWttYsSCQB70iznI3NwDQMsFQQMimMv4VHJcAcg1UaYtJgsce1Ay7tHrmlbGBiqEb7pPvE+1W8/KKBiZJpjMFanMxVWYcnFVYrgyKQy4bNAE3mUU3bRQB6JgUtJgUuM1fQwJkxUqioUqVc1mFx4I5GalVuMVULBTUsMlMLlqNvQZPpXm/wnvE0nxR8T7DU7qOz1H/AISF9SElxJs8yykiQQyAlhlFVCpzwpHbNeg79uWHPsagu9K0zV/Ia/02z1BoP9U15bJNs9wGBwfxxnB7YoEcd8CdPnt9F8UX22RdL1bxLqGp6bHJwPs7yABxwOGYMw+vTFenqelU1uFGBzjoBxwMADpxxyOg4NS/aUXHrQBcXing1T+1c0NeEA4FAF4EDOTTgQec1ThkMy7mzU0bBSc9KQFjA60ucdORULPuXipo/lUd6AHgblzmkz5bAg7G6BlyMDsKhUkFsHrSNJmNj6ClsBOSMk8Dc24kAEk++eGPuRSpcNHhV+QYAIUnBwODxj/PpVBmfauOc1KzHZuz0HJpAW/M3+uc56+2PT9fxOaFZSxJCnnPQjH6/wCfSqMc3zYzzTVkZlLDgbsUCLTyZzweDwM07cCMZ7cZAJH+NUGZmVgxP1FSL8rKpOeOtMCxuHOcY9Dgj+XFQ3CFsbfu4xjH65prL5jDOcUkbbkdcYx05ouMVnHIxgY46VGZOxwB608L8pzVfaGYqQQO1IQ6RjuAB+XFMYqsgOeMU/b7cYqJo92ODQBFFI3zduafNNtj4PNNZCvfIySOQM4OO9Qyxs5A6d6AJBcErg96a0nYc0ixtkDFMKtvDEFR2461SAd5i8diajeYD1p8o44UH61FJEZFAHJzzgHt3oABIGpnnbck8imOrKcHgU2PLL+PbkfmKVxXF+1Fs8YpklwemOakaEsoI4J6Z4B/H19utJJCMZOMgc0XKK5kZuSBTWY98YqdoxGuGKrg8liAP1qGSF/MZQOeOMc8jNVYRX84crTPOdtyEEAjirC2427ieCM546dj7Zz3pzW4OeeMY4qdhlFpWXauc56UiSOp6VPJp4yh3HI6ULFt+VgwcjIQ8E0wKktw+45/Ci3dmJ3dDVj7Km4kvuHTrnFQ+T5MhJ3KOvzAj86BDTlXI6UyNjzzzmpxCG+ckn2bj+dQm3XeOiNu6M2OfTPQ9D09KAEuJCqjPeqf38nNXboAx/OdhU4O4gYOM4/LmqskYVcAgMDzz054/wAikMrTSPCqlTnnFQxMJlQtwxzVyPyDMI/MRp9u4wbh5g5xnbnOOOvTtnPFSvZoMYA9VIPX6Uh3KX3WwDzUMeY9vzc81Lc3lna3trbzXUMNzdZFvBLKqyTEDJ2qTk4GT9BUdncWmqbmtLiK6WKZrdzC4bEina6HnhlYYKnkHtTAcrHaNxyR6U+KTbxz1qna+KNDvI7SS21Szube6u2sbeaGUOss6gkxqR1YBWyO2K2I40YggDnnoenHP60wuQsTnOTinxyerHFM1S+s9I0+a7v7iOytYly8052qPz6n2GTUXh3VdK8T6bFfaTew6haS5CTW7bhkcEH0IIIx14pjJcmSTG447VYt/lJ+bNZ+pa9pmitdi6lliNrafbpcW8jYh3EbhhTk8E7R82O1ULXxpo817osKT3GNYjSWxma1kEMwaJpQPM27Q2xSdpOaQG11c89+akULg4qZUVvl2gscHgg9f89enHWsvxR4i0/wbosmq36zi1jMYPkxF2AdwgYjsuWGSeBTKRdZvMAXNSx3SwrtIrG1rxhY6Lqf9nm0v7+8WKOadLG38z7LHI5RHk5BAJVumSApJFa7WpZjlWH4UwKkziS4EkYyCOm2mJmTIx830qfUppdNtxLDp9zfTeZHH5MAG8KzBS+GI+VeST2APWs3RvFFvrGr67psVvcQTaLcR28rTBR5nmRiRWXBOVKkYzg+1ArlxgVKnZgmoo1YMcLg9Tnim694lh0i8srGK2l1DUr7cbezgA3FU++7EkBUXK5Yn+IYyc1emmEVpJLJEztHE8piU85VS2ASPQdcUDKojPLYwe+QeOv+FMw5YZGD1xkZ4rA0/wAdNe+FdH1a409be51h4k0+zWYSNKZE3oWfYNu1QzNgHABxmrVx4sSz8aQeHZLKZI57OW9jvDIoQ+W6IVA5ycPnJ9OlAzSkVm3Nj5RxnBqstvJHuH8JPJrgdd+MN5oP/CU3F74eh/s3w3dx21/cQ6hmXa4jIkVDEoIAkX+IHrgV1914iXTfEFnYXSCOHUGeOyucnDSou8xOvZimWB5yAe/FIDUihk6gYCkZzVtl3DBIrK8T6tPonhrU9QtIEu7mztpLlIZnKKdiliDgHnipdD1hdZ0HTtR2+Ut3bR3IRXwArqGyCfrQBY+z7dxJI4z0PH1qm0O0kOCrZx7ZxkjPTOK5PS/iPbw+JNb0LXNRsbPUbfVPsdkm0w+dG0UbrnPVsuwBJ5I6GtO18Waeo1ia41e2uo7S9+zEW9uVaFyAUtyMku/OeBzTA1LmFljYqykDg4Oajt7dnYH8BXDeG/i9p0el6nc+ItSWPbrNxp1tssJRI4QZRPKClt23PUZ44zXRt8QvD8bxl7uUQM8Mbzm2cQxPKoMaSuV2ozZUYbH3hmgZtR2/lyE9SRnGKs8bTgjgZ6447nmuG8MeMpRfatpeqXE2o3663cWVv9niTf5SBWDMAPlRQRliQOxOeKl1b4habdaJrM8batZ21nBNMNQtbbkiJirmLP8AECCfmA6ZoC52TNj35x/n1/Co9nUKpLZ6KpPb/IrkNd+LGheHpLVLqSaVDHbyTTqFPkLKP3bOpYFiwwSUBwD0rDb4kfarXUptS03UrC107xBHpqSWssRBbeqJ5vzn5fmBYEEHIAzQFz0stGvWVR6Hk5Hr0oryX/hKpND8VeLLG4vpJo4tULW4uro7o43ghcIoPRQXbFFILn05gU5e9NwKcnWrMmORTmp16fhUasealWoERsvI9Ka+Ubg4FTMOlPEaySLuGaAIVYspIOeKlGVRSPxqwsKL0GKXYOmKAGDscCl+Yqx29uKsKoaTaemKWP8A4+in8IXNADY42ZQcH34p3lsnb6+1WmAjUFeD9ajupPs9tdSKozCuVHOCcdTjrQA6MHaY+/fHOB68U9Y3IAbC9trHDA+hHXIrjPid42vfBHgGHXLG3tZrlrryBFcxlolUDPCgjn3zTdJ+IOoX2j6Fdtb2qNeas+nyxqr7fLVQARlid3Oc55pAd0sMjbRjk9KsqpaNSP8AD2/mDQ0Q89Ih0kIBJAJGfrXg/ib4ueJdL+MWnaXb3cS6VL4g/sZ7IwIUMRyN+7G8Scdd2PagD3IKY5CepqZlDRlTt+bP1POOB1oVQ08QPQsAfzrzv4aXt2vw/wBX8ST397fakb3U0H2y7lliVYbmZIwELbQAqL0FJiPQVtQy7VbI5OQc8Zxke3I596mW0UsOoOP9WcZz7j/PSuK8O+H4/HPhPw/Dql9qJjvLMahd+ReSRNcSusP3nB3BV8xsKpCjA4OK80ufEmqWfwE8OpJqFzeGfxVHos0lxKxkltBfvH5bOCGbKIqkk5IyO9ID3+SxWN1Zl255GQc9u341BIsccLvIVjjUbnZ2AC/U5wO35iue0jwTovh34hCbSrGPTEuNIcSW9qPLhysqMGCDgN2JGCR1rz/9qnxXceGvCfhiNLWzv7TUNZWG7s76LzIZo1gaQKygjI3gH8B2oA9Ze906GzlvGvbRLKLPm3TXKeSmOu587Rj3NU7XxVoWqWdxdWWr2N5b2qCSaS2nWTylLbQWC5I5B6+leTfH6+j+H/wJ8P6zoFhZaabXUNP1FbGCALavIxYsroPvISehPYc165pei2c09l4j+zxx6lqlgILpo0VVkVcuARjnkkck8cUwNBQsiBkYOrKHV0+ZSp6MCOCKwvE/iTR/BOni/wBc1KLTbYyiINIGZmfBO0KoLE4UngdvpXOfCe+lhHi/Si3m2WjeJLiyso5OfKgMSTCP/dVpCF9FAHasH9pCbUfD/hy08VaTrF7puo6LaTy28cJjaBz8gPmI6NuyFC9jgn1oA9Q0rUrbW9Ltr+ylMtpcp5kUjRvHuX+9tcAgfUVlR+KrSbxhd+HIre+mvbNYmu5lhHkW4kjZ0LNnPIUjgHmrPg3XrjxH4K0fVbtY/tN3ptvdyLGpCb2Qs2BngZHSuV0WQ2Pxe+IEsfJWw0iTaxJGfLn9/YUgOiuvFFpbw6pIsdzdrp8gtnFrH5hluCQDBGAfndSVzj5RnrwcVvCPjWy8aR6kltbXunXmmXP2S8sdSiEM8LlQwyMkYIIIwehzWB+z/NJcfB3w3NJI0lxPayXU0zYLSSySzOzE+pbn8TnNcd8APGWqa5rvxMj1GVLx7e7guxO0SpIzyLtIYoBkBY1UDsMjvTA9Q8T+ME8N6t4ZsXsLi7j1zUP7PW4jkAigbymdQR9452noOa3Jl2ryOSM9R0x1/KvEf2lvFl34d8J+GddtYoGvNL8SJNAkqs0ZZLOYjcM5I5PeuwbwHpcPw4dWE0xijh1i5aR8m/nCGYrPx80bPjMY2rgAACnYDu2hHlgjbhiAGDAgknj8+a42Lx7H/wALA1HQLtbGzsItLh1KDUWu8+dvlaIhgQACCh4BPavA9D8rxh8I5vt1tEsMPxFt47e3hBEVvHLcRCSNFJICHe3y9BnjFelt8OPCt18dho03h7TZtHt/C7xx6fLbq8ADX7AnawIz87YPY00gPU9U1Ky0i1Fxf3ttY256TXM6xRknoA7HaTjng8Ac1zPiDxbd6d408FabZR2dzpevPdK8w3PITHB5sZQjjDDGD+leOfAnUZ7jxx4c0e7c6hY6X4e1OO1juyZNgXUzEOp5PloE/wB3iuH8danf+H/hrp/9m309nJpHizxHDYyRsC0ESW82I1JBwuCR6gHgjjA0B9UT+NNAXTv7QOs2JsPM8n7QswaMvjJUFc5Iwc46VTj8Q2N54g0eC38Qaa8N3YS3Y07YJJ7tcKRLGwYfKuDkAfN2J61yvjzTVl+Feiaxps0vh/UdDtf7Q06XSSIxbOICrKFYMrKwJDBgScnmuc+HevT+K774Ba5cRQWt3qWlaqksdnH5caAQr9wc7fuA4zjlsAZpWA6Lwj8TJfFF5qWtnXraz0LT9QuLKbTWsWLvEpKQypMBvaR3ydmMEORsBxnfuPi/4OtrGO7l12KGN73+zdjwyrKlyACYmjKblYZHDAZyCMgivJ/EGIPAursR5kcfxOUmFiQjh503KcYOPmJGCMEDFdN8UvD+l6GkCabp8FkW8SeHr2aRAWeeaS7aItIzEliFHH1Oc8YNBnR6t8TNAv8AwjPqdt4gvNIt4dQhs5p4LKTzo5g65hkjdMorhl+ZgBhs1Ws77W9T+JnjjQF1iSCGCy0+90vdGmy1eTzQ3G0FkZk+YE9M4xXnfj5vL8K/HKQAAtq+nXJ4/wCWnk2fzZ65+UV6Lpkh/wCGi/EMXafw3p7s3fIuJwMf99GqA563+KNxq2tfD3WHvn0uxvBqtlq+ms6pbxXNvGS4O7HAdWwScAAV2F38SraHTNNuo9G1d5dUSWW2szAiTtFFH5jyMGcBFA/vkEk9K8Bk8PWvirRtGsbwypBceOtfUm3kKMmI5yCp7EFFP1XnNdCfH+seKPC/wun1eVL9dS/tI38EqYiunt4R5byKMAnLEkdCcHGaQj0e6+NOmH/hH10vRtc1x9d09tSsBY2o/exKVDjLMNrLvUnPAz1J4ri/AfxW/wCERsdRs9ZsNavNPj8S3envr0zpNDb758Qq5LBioLKNwUqM9a5P4P6xNef8KcWSOIAafqdr8gK/uzCsgHB/hZBj+tafnHVL34heFZQq6be+PIbeZ0AEpWRoHbB6A5QdumaQHqP/AAtS3/4S+00GbSry2S+u7mxs7maRQ0rwoWZvKbBEbbSFY5B+hzXL2vxsuNSXTbqHwbfpbajqVxo8XmXcJkF4jPhHXPC/unBf+HHGa8P8T/ErVNH+KbwxQ2s01p4zaRLyZGaYq6iLyi27/VqsjbVxgYHXFbNj4wvLXwbpE8cNurQ/EOSRAEIA3TSsR1zjLnvQB7VpXxYfUbG0tzpfkeJLnWJ9EbT3uv3azQo0kkhlAbMYjXIwuTkDHNZWtfE2K4+xJe+H4zqWleJ7bSryGS5/48Z3K+VPEVXMilZgwyB6YHNebrqEt7oXxG8RLtttR8N+I11mwMI+USuixujBs5jZVwV68nBFaOuahJqPwxk8SsqRarq/ie1ubiSMYVWg2+UqA5wo8lfrlueaAOltPDFnef8AC4tIn0+3ki+3vPFDOiMEd9OjYOARwwcnBBznmoNI8feLJ9P0XR9D0TT7yZfC1nq0Vxe3skZlBXaYgqpgOxBwckcjJ7Vs+Apm1L4j+P0m2+VepC0sSqAoKRiEY7/c4PNea6Pq19Y3XwpltLuS2nvvAot5pUCltpkh5GQQCCSQcUAd5pvxOk8Q6lp2padpGnwyah4Sl1S0mnL+eDHMoaCTAyYw7Hp1ODxUnh34keI9WsfBy3Uej2Fz4qQ3Vq8KSypbwx2/myK6ll8yTJXaFI4zWrefDuw8P6xow025urOPSdPOlW0cfllfJmRN+7KHccxo3PGR0p9r8M9Os/C+l6RHd3wfw2scul6jvQXUG3Me3cEClSh2kFTkUWQzk77xZN4k1vwbPqFnDbavo3i640S98nOx2+yTjcpPzBSrxnax71fsviNqaz/2RLHYWep3Hiq50RLyGIiJEWM3Bm2E/M7IMcnBZgx6Yrobf4b6bqml2MclzeRy292+vm5jdRJLeAf6xyVI/iI4A4qe8+DOgajLqMVxJfySarejVnuPtJWW3ukYKskLADyztUDj0pg0edeGtY1bwhZXFutxbTg/EJ7C+Z7YYkjnZDvUZxG2XUdz8xANaNn488WW+pPdXepWU+n2vi4eHZbNLEReZDJt8t9+75WUyKffHuM9V/wp/QI2ubNn1KcXF6uqTTS6hMZJLiIZRyd3XKqen8Iq5F8KfD+oSTJKl4Uv71dUnAvZcG5QJsk+91HH/fK+lAJGlpHiSPxBqF1ZDQ9UtpLX94JdV09obeSRZAqsjEnPOCCB9K47wNq2reFf+Ew0+98PTalqtvqv2+RdBIdbpbpd6OqSFQm1VAZcgjHTmvRdU0az17SrixvojPaykxOnmMpIBGDuUhs/Q1Fp+l2mgadLHZwbRK/mytLI8ryvsJ3O7MWY8DBJOO2KCjj5ta1TWfG1pps/2yx0rWvDd3MNLvYo0kgmSRIyTjOSQ/J6c1zPh66aT4c/Be7wFKXunoxVT8rPaSwsMk46nb1H4V6tceG9J1TUItTutPhm1CONoUuWLb1jf7yg56HA/IV578ULW08J2vg/SdHsoLCyXxJZGOOIH93/AKQOFyePvGkBymueNPEem6H4nhuNR1ax1mPSptR02+t7n7RZXccMoZ5IeAUwHCtERjngmrfxA8UDVNP+K9hDqv2mxXw/aapaw/aA6RHEjOVIxxuSM4z36V67pPhXRNKuJp7HR7GzludyzNFABvU4LKf9lickd6sWHgDwzYx3MNt4e0qCIQiFo47GIK8YYsEYbeVB5C9B1ApjPMNdjtLD4q61qQ1C8tXk8INfJNbXEheLZJKCyRltrFVcEDbtDD3zXntx40lbw740toPE80SQ6dpesWIttVMk0Z3bZgXJzuKr8yglQzEc19MQ6DpVvNDPHpVgk9uvkxyraxh1RSqABsZAwegpkekabHpETLpdiE8pcRC2QIoLcgDHTPOD3oGeEeLL9fDek/EbT7PWrv7NpE+l6rY779nkUSNGZV37juB2NlenzV2NrqN43xM8eR6A+l3F/Lb6ZdQx307pC4Ebo/KAscKExgenIr1BdLsoXdUs7ZQu0f6hORhTzxz1pzbFjllSKNGhOwbVxkHPU9fTv2oCx4f4q8Pyt44TUvGVz/ZRuvDrWVpd6TdzRQwXUUzyMiPwzEho3VW6lSMHAB7PwWnjbUNJ8PHVptIEM1lCNRjuLeT7Y0hhXcSQdm4uVPTPFegyD7PcSQqT5ZOGXPDcnGR3wOMmoDIyQCU/O4ZfvdCT1J9/8KBnhWizTr4L+Dl82VtdNv2srrH/ACzLQy26Of8AgYC+n7wV1PiNXX4o+DLmKGd1FvfW8sscEjRxF1jKbnAwuWRupHaty08F2Ph+xutIjlubrS52J+yXUu5E3M8h2EAEfMcjnjArbtYvsMZtVd5VjQKJJnLuV44JPXH580AeHeIfAOoa/wCPvGMtjDeLLHdWOp2Ud9HKun6g0MO2WF9wCMdwVd3JDbcZHNdL4uvpvEmh+DbmHT7zTtQPiGzcWt6hjmj2pI0ow33gELfMMjA69M+ryL5aRkchj93sMHAx3qo2m2810l46b54fkj3ksqhlYtgHgE7V568UAc7ZaBqun6Vqyarrt14ha5tnhjj+xxQmMFGG1fL27iSQMsaxPC3hfVtQ+G/hyyuL7VPC2o2NvFFci3SHe5VNm071cbSeRyPwr0JV3R7skHBPBxUcjDzMY/jxnJPUYNAHjvirwTr00njmOz0q41H+0LnTbyzu2eJftMsHl+Yx+bI4j64HXpTNY8C+JLrWNdvtO07yz/a1lrWnw3U8aR3jxQCKWNipOxiAcE98HNeyMv724B5KYwxHJ+tNWNWlmTACrg8Dr9aAPGZPBvi2+1q+vzokFsJvE1trkUbajA8gVYhHKr8HJPUcnrWlrngHV7+Pxhp9qtrNpHiiSK4eeWXbJp8oCLKCMfvBiMMvPB46c16dP80THOMcYHSoryMRqnO7cufmwcfSgDya1+HfiPQ/HmqeJ9Jns7drq7Xfbz3LmK6tfLUMjgJlZBIgkRhkfMQ2etWF+GuorqmtXEI0/Tk1Kyura7gtJ5Ps920uBHI8WwBHUZJdeWz2616S6jyV4HJwabGvyr75FA7XPNbH4e+IdJurW40zWNMt52sILHUfPtmlGYlKLNbkbSr7CAQ2R8oqzq3w5vr6LxRb22rWsdprF9BfxrLas7wyJ5ZIJD/MMxDHpuJrvmXCqcnvUVux+fPNAWseU+OPghqni7xNd6ta+IbWwFwsYkhewaQ7kjVM7i4JyFFFeq31yYbgoqqQAMbhmigR/9k=)

**Мое утро:**(4R,5S,6S)-3-[(3S,5S)-5-[(3-карбоксифенил)карбомоил]пирролидин-3-ил]сульфанил-6-[(1R)-1-гидроксиэтил]-4-метил -7-оксо-1-азо]азабицикло[3.2.0]гепт-2-ен-2-карбоновая кислота

Как и в синтезе эртапенема меропенема, аналогичного синтезу тиенамицина, диэтоксифосфатная группа в третьем положении объединена с 3-меркапто[2-(3-карбоксифенил)аминокарбонил]пирролидином вместо 3-меркапто(2-диметиламинокарбонил)пирролидина. , а к молекуле присоединена диэтоксифосфатная группа. Этилгексановая кислота далее реагирует с натрием в этилацетате с образованием соли.



Эртапенем имеет значительно более длительный период полувыведения (240 минут), чем имипенем. Поэтому дегидропептидазу применяют как парентерально, так и перорально без необходимости применения ингибитора фермента. Он показывает частичный эффект депо. Свойство связывания с белками меньше, чем у имипенема, и чувствительность к β-лактамазам наблюдается очень слабо. Эта группа антибиотиков используется особенно при смешанных инфекциях. В то время как имипенем и меропенем применяют внутривенно в дозе 1,5-3 г/сут, эртапенем применяют в дозе 1 г/сут. В частности, его не следует применять вместе с противовирусными препаратами, такими как ганцикловир. В это время наблюдаются сильные схватки.

**Производные оксопенама и ингибиторы β-лактамаз**

*Стрептомицеты оливковые* оливановая кислота, выделенная из, была получена как β-лактамное соединение, эффективное против фермента β-лактамазы. Он не имеет клинического применения из-за его токсических и необратимых свойств ингибитора ферментов. Однако исследования антибиотиков, ингибиторов β-лактамазы, используются при разработке новых соединений, устойчивых к β-лактамазам. В 1976 г. клавулановая кислота «3-(2-гидроксиэтилиден)-7-оксо-4-окса-1-азабицикло[3.2.0]гептан-2-карбоновая кислота», полученная из культуры Streptomyces clavuligerus, была включена в лечение в качестве β -ингибитор лактамазы, сделан и широко используется.

![Diagram, schematic

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RwERXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjM4OjAzAAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAMwMAAAkpIAAgAAAAMwMAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NTo0NgAyMDIzOjAyOjI2IDIzOjU1OjQ2AAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAClcAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAWACvAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A9FxS1mbhSYoAbtpwFACFaUDFAC0cUAHNKKAEbpUXVQaAHg88+lKhxQA/OetAPTpQAh56A/lTsHPPFABikx7UAJSUALikoAKXHFACY5o68dKAK/2+za48hbqAzEnEYkBP0/nU278xSAVTkUpbaKAGlgeD19KRVA4HagB/BpcccUwM7XNT/sfSZr2NBJIuFjVuhZiAM+2TWdrEl7ommnUzfyXDwOn2iORV2OpIDYAAK9cj6c0ANtrwp4o1S2le9mhSKExRoGcLuXLdOlT+EGaTR5ZXaRna6mXMjEkKrkAck44oA6DvTiRigCKlxQAZpuRQAcClzQAnWszxFPPa+GdRmtc+csBKFeSPUj6UAZmvQW0XgZxbIgKwxtbugG4yZG0g9ck81tW8wkbyjIrTxqolUEEq23nIoAtLnFU9V1Oz0u3828m2AnCIBl3Poo6mkBzdzf3eo38FtdXE+mRzOBHaW/zXL56M5H3F71pbtd0nPmD+17Rf40G24Qe69GpgaOn61YapG32acGReHib5XQ+6nmn6jqtnpMIe7m2luEjUZkk/3V70AZ5tbzxDYXUWpWy2VvMo8hM7pUIOd7duuOKsy6XdajbR2upS27W6urTCEHdMVOQDnhRkAnrmgCa20yaDWr3UPtaH7WqjyhFgJt+7g5p+k6UNJt5IRcvMryNJ8yhSCxyenvQBobe9IV9qAGCg0AMpoBznFACPIin53VfqcVA+p2EPEl9bIf8AalX/ABoEUJtfN3O9pocaXtwPvylsQQ/7zdz7CrGnaSbWaS6u7qS8vZV2vI3CKv8AdVegH86AJodHsLdo2htlXyzmNdzFUPqFJwPwqrqOg2N7M10N9rd9rm3bY/8AwIdG/GgDPlvPEWn3dtpf+hXUt4WW3vHBTbtGTvQdSB+dUbPTL671CR7Yy+erFJtWvE+f0IgjPQe9AHS6ZotlpSOLdC0jnMk8p3SSHvub+laGB69KBmdqeiWWqsHlh8u4X7tzEdkqfiOv40mmaHbadL57tJdXrDBubhtzgei9gPpigDTHBp2eBz0GKADPHc04HP09KAFpelAEGaU9M0AJ17Vz/iO0ju7/AES1mBMMty4kUMV3DYT2+lAE6+FNCXH/ABKoG93Jb+ZqxDoOjwn5dKsgP+uCn+YoEU/CS7dMu0QbIxf3AVRwB8+K6DaAPf1oAbimt6UAYmqH/ipfD2OzT/8AosVuA8YyeOKADk5IFKKBgBTtpxx2oAZyaMEigCRRhc0iAjPvQA+o2l28UAIVFG3I5oAfjArC1n/kO+HR63Mv/os0CNzFV57m3tpIknnjiaQ4RXcKWPpg0AUNLSHR4fsc9ypmubmWWMBSM7mJAHHX1rXJ96AG5+lGCfrQBiaqP+Ko8O8Y+a4PI/6Zit3FADRnJp4XIoGG3mndBQAwLzmgLzQA/HFFABSbRQAgGaMelACEgBmY4UDdk9hXB6x4gnm1rS9QtLFrjT7ad44WQ4a4kK7Tsz/D70COgXUvEDkbPDoQf9NbxB/KjW4DqOk2VvfwrG09zGkqxvu8skno3r0oAoWE17Bren6VfhpJbfzXiuR/y3i2EAn/AGuxFatxZ67LcyGLWLe3hLHYotNzAduSeaAIxpGrMf3niW4+kdtGtMPhyZtwm8Qas/ssip/IUAOh8NwWc6X0M93dXsCP5P2u5LKWII9OK0bW/iuJpbYspubdV88IDtViOgYjn/8AVQBaXHPTg4zTx0/yaBinr0PHbvR2oAj+0W6qWa4iCqPmYuMDjvzxRFNFOnmQyJIh6MjAj8x+FAEp6U2gBDzTcmgB1Ry3MEC7ppY41zjc7BRn0oEc14nnkljVJ2K6Rhd3kMGkvHOcRLjoPWrmiaPJHKupaiiC92bIYF+5Zx9kX39TQBu44Pv196r3FnBeGMTxCTy23rkkYPrxQBKYwWV2VSyZ2kjJGeuPrRtI6cfSgAwcjk08IetAC7TjGcfSsnW7K3+xNeXDyi3tM3UkUR2+btXIyR6GgCraw6jfaNHdHUpoLu4h8xFi2rGm4ZAwRk8YyaSwlbWtT1QXMky29lMLaOKKQrkgAsxIwSeemccUAZDatei7OhvPKU/tUWhnzhzEV37c+vbPXmtPVoI9I1DRZtPiERnvBbTRxj5ZEZTnIPU8Zz19TQBS01Jo9M8RRW9hA0Ru7pSzPtGMdMbTnHbmt/w1geF9Kx0+yR49+KANb8KDQMbtzSqu2gCLPNYGnN9r8U6z9qUO9qYordHUNsjK5yB7nqaBDfD67dS1yKMD7DDeA269VRiPm2/j6V0APtQA4ZengYFABxRjNADtvFHbigBccVFc28V3aTWs65imQxuB1IPBoAybLTdTsbOKyN5btbxrsSfYfN2dhj7u7HH9KcukS219Peafd+Q1ztaaOSPzFLAY3DkEHHWgBR4dsW05rSTzGLy+e1xkCQy5+/nt7CrMemILpLu4nluZ4wyxvJtAjz1KgDGfc0AR22h2dtb3MCGdo7li0weU/Mx+8fbPtVu0s4bG2S3tk2QxjCKWJwPqaAJxml60DDFLigCqAcZqrc6dbXUyzSRlZlXb5kbsjFfQkEZH1oETW1tHawLBDGEjXoB/P3PvU+0igYqLtp/4UALRQIM0UALRQAn9aTaKAFApffvQAgpTQMBS0AGaTdQBFjFJxQIeDxS0DELYNOBoAM5o7UCEoBNAC59aXNABSUAGaWgBBTqBje9OFACGgCgD/9kA/+Ex5Gh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRvclRvb2w+V2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NDwveG1wOkNyZWF0b3JUb29sPjx4bXA6Q3JlYXRlRGF0ZT4yMDIzLTAyLTI2VDIzOjU1OjQ2PC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICA8P3hwYWNrZXQgZW5kPSd3Jz8+/9sAQwADAgIDAgIDAwMDBAMDBAUIBQUEBAUKBwcGCAwKDAwLCgsLDQ4SEA0OEQ4LCxAWEBETFBUVFQwPFxgWFBgSFBUU/9sAQwEDBAQFBAUJBQUJFA0LDRQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQU/8AAEQgAWACvAwEiAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A+uVXvSnsKcPQ0hHIriPVGhTk0jLkGpQppv1oAr+TznFSKnapFx0p20beKAK7Q5yDTo1C07Ydw5pcbsjO09sDNACjrml4zmsj/hLdEm1QadDq9g+oOxC2q3KM+f7oAJz39+K0BMOQTll6jGPwPvSAm3HPHSnqDxUMEnmKTjFSSTeUuSce+M0AE3Cn0xVBT5kasOuasSXCvlGIDEfdzyB64weKZDCsfCk4U8g8/wCFNMB6sd3zjIxipLdtvbjNOZQ2CR0p6qCpCimA4uG4JwKRW5UZGSD65rkfit45/wCFb+CdR162hW7uodkVrDKfkeaR1SPdjnAZucdq5D4kXmvfC3wjJ4sfxFdazc6bNb/2nZ3Ucf2e5jaRY5NiqoMZG/cvP8ODnNID1xsvnYD7cE/0qRVKthgVJGRnp1yOOvSvGtF8SPa/GTxrpd7Nr2padDaWD2dnbLNOkImiLS5C8KSehJ49q0v2cZZL7wHe3c8l1NPJrF9F5l5I7SLHHOyRp87HGF4wMZ70AeqFKaUz/Dg+tPX71Su67QO9AFQKG607yxnk0KKRuM02Au4KTzUTSBjTOue3vmolRy27aR68AjPoORmkBP8AKuDTt4aqdxdwwN+/uIYcDJ8xwv8AOsy68ceG9N4ufEOlWzek15GMfmwoFc3uG4xzXF/GfVNQ0H4Q+Lr/AEcv/aEOnSPBJEdzqOAzqR3AJ7cVnaj8XG8RalPovw9tYPE2qp/r75pdum2HGf3k2fnIz91eeMVq+DPh8fD99c6vrWsXHiTxHeReTPdT5S3jiJBMMUP3UTjuCWHfmgLnE/FrSdK0/wDZxnXSoIVaKxtZdLuIFXzDdFozE6MOS7MSepJBNeiaPqa3kptHuo5dUtooVu4lZWeOUxjIZQc5x7dadpvw48N6RNayWOlRxG2ffbxGaR4oG5+aONmKIRngqBjtWL40+Evh/wAUX0mroZtB17GV1nSZBBcZH/PVeFlH+9k+9AXO1gyq+hPHPQfXuK57x9440PwJpf2zW7/7MrMEht40LzzMeixxj5nJPAwAM964C/8AEnxP8H65o3g//iRa7e6680OmeIbgPAYxEod/PgXIZlQ5GCA2Oa5rw54G8QeIfFF1caS13/accjW99498QW/+kZBw0enWxyETg4b6UvUB+ueLNa8ZeJtN0rWNS1DwNaX8yx2ugaSfN1i43EBZbhh/qIxkN06da7PzviH8PA5uUHxF0OMYFxbqIdVhX0MZ+WXA7ggn0rrfAvwx0LwBbzjTLdpbyc7rvVL1hLdXTn7xkkOevZRx2rqdoGDvxtGAT2FMEcr4N+J3hzx5aynSdQV7uH5biwm/dXEDdw0bfNn3GRVjxp4+0L4e2CT6zfeS83y29nCpe6uSegijHLc8Z4FVPHHwv0H4gTJcXdj9j1SMfudasG8i8gx0w64JGf72RUfgf4V6V4LvjqM81xrviKRNraxq0glnVM8LGMbUHrtAz3zQMxJNA1v4x+GdatPFelxeF9Iv4ozp0G4TX0DqwYTynhMbgvyYz71rah4D1jxppFno/iu802bSo5opr1bBX82/MbBlRy2FjBdVZgCSccV3CARsPUdCealLfKvOcDAzzxQByeh+Bb3SfiB4k8Tf21BIdajiQ2SWZUW/lAiMq3mHIGeQQM1Z+HfgBPh7pl1Ypqk2pxXF1NefvoUhYPK5d+h6ZPA610qt8oGSw9zmpo5NwOD8vdc8UAHkDqDio5Ihnpmpj6U77g6ZoAzRJgj+VOb7oOMUPCDzjmlEPmKAxzTAjHzcAYryv41eH7XxF4l+G+kXyvJp19q1wtzBHK8fmoLZ2wSpBxkDvXr3lhF968y+JjbviR8JF6BtVvDj6Wj/AOJpCCH9n34dw7SfB+nzYP3rlpJc/wDfTGtbTfhJ4G06QCHwfoSrn/oHxt/MGu0VQxAxkZNZWra5pui3VjDqOoWtjPdOFgiuJliaRicBQGPJJ4GPyoEcD+zxCLfwfr0ECC3tV8SamscUY2ooFwQAAOmAK9T8lUUkjLEY3Hk1wfgS1sfhvY/2FqOqRSX+rateX1siRuNwmmZ1QfL94DlsnGK72SQgYyKAIvLHT1qGbI4PIqdnx6U3Yzdvm/MUAeZePJC3xd+E4A4WbUyc98Wi4P1969MWQbQCSQBtGecDpXnPj6PPxk+EuFK5k1RsMDgj7Ko/z9K9NMYXOB3oAr5Lbiqj0zinIvHI5p0YO5h2qdYQy+lA0VlXB6c56kZqUxMEyM8CpfJ+cDGKlY7VxjIoGZxJbtzSBSyH2q2kJ3FhwKRYjuNADoVCx5x05ptqjR7yejHIFWBHtXmjJNACbqqz6gIDggmrRGcjpTVtx7H6igCNV3DmlEeOnX3NPyAcc9O1U77XLDSofNvru2soS23zbmVY13f3cnI/nQIleRY1kkkbZFGvmFmwML3JJ4AFfMHxK+MOoaj8QPBPiTRvD8us+E9K1Ge1sZLdws2q3bxGN/IDdYgTw2PXmu3+OurXWoW0MF/M0PgEJEZTpkqy3WvXDlhHZQhSdqHjcc5OfSuh+F3w2ubG8j8VeJ4IE8R+QLaw0yDH2fQrXqsEXbzCOWYe4BpiEi8bfEq4ZTB8MEtl7C/12BD16nA4+lN+KWknxl4H8O6X4jsI7SfUtWtILyG1nEn2ZmZuY5BjDcL7ZxXp5Q+Wwz94cj15z+eay9Z8N6f4ka1Go2S3v2WXz4g7soSTghsKRkjA60AeO+EdS1/S/iJ4V8H+Ilku73Svtc9lrCjA1CzNuyI7cf6wfdZR0PNdvrPhn4h32rXbWfjjTdH05pGNvCuiCWVEyNoLvJg8e1dzJYpJNDNJFE00G7ypGUMybhhtpPIyOuOvegwvGBsO0f7IApAedr8OfGdw+br4rakcj7tnpNrFj6Zyart8F76bzVvviX4yucnIWG5it8n04TNem+W+5cO1Tpbnls8+tAHmWl/BTT/DepQeIrG/1nXvEenwz/YDr2rNLAZHRlwQF+XOcGus0HxdaaxfX2lPNG2r6XHD/aSW6uYY5XUnYsjKAxz269OBnNdH9nYqVDFQf7vH8q4T4peF9MPh+XXNTnvI9L0PzNZubGycRC9MUW5A5GD8rD1oA7WHb82do2tgtyR06cD1qdV3Lgdf++h+gryjQdM8T+KvANrrD+Kr7Ste1OxF1bw2QijtbcSDckZjZCzYG3cxOeuKTwjfzfE7xh41TVrq9h0vw9fro9rY2N08IZ0RWkmkaMqzOSxAGcYXpQM9af7xGGJUfd53H3xjpSfwgcHtnqD7duf19q+Z5/iFry62/wAPbjULxrb/AITJNBfVMlbh7JovP8reD9/goD1wck55rtPiHpNt8O/FHw6vfDdounvqWurpF/aWgIhu4JImyXQ/eIxu3/e5+Y4oC560dY0yGGSSTUrRIoQDLI06bUyCQWO4bc9s96XT9Ss9UgFzZXEN5bkkiS3lDoSCcgMuQcZH19a8B8E2t/Z+D/i1aaZ4d0+eybW9Ziaaa4EShQuQnl+WdwUZIGQPcV6l8D9q/BvwOF4U6NalSerfIDn8ec0AdwzfL0zmo2+XBxUy4PahlNAIryZaoVYk4AzVloix4p8UPlEnvQMotJluoHua8t8GzHxB8Z/iEdXhW4udHazs9LtrqMS/ZrZ4i+5FI43sOWHHavTUjJUk81ja14L0vX76K9ubd4tRjjEP2q0nkgkeMHIR2RgWAPTOcdsUEnD/AAfhMPiz4k2dqqHw1Ya4r6bHgNHBKYz5wh7DDnqvPNerRyegye2eapaLodroOmxafYWqW1pFnai88nqxJ5LHuTya0BCygY4NACruuBxxjrVlVCr7+tRW0JhzxyeTU/4UANwre5pPL3e1TbQBwKb17UAL5Xy5oKgLx1o3Y4py0AGz5apa5otn4i0PUdJ1CMyWN/bva3CrwxjcYYA9uKv7jSGgDzjwz4J8W+FdBsdAbXNNl0u1jFvBqn2eT7eYBgKpQny/MAAXOTjGdpqSL4dXeh+ItT1vw3rP9lyar5cl/aXdt9qieZVCCVAHVlYqBnOc+hr0D15wT1Pc0zyV6ZyDjPvjpmgDhE+C/h+48KzaNdC5lkuLz+05NW3ql2b3dkXAYD5TkAKo4A46ZrZs/A8Ees2+s6lqF5rmpWqSR2txdeUi23mcO0SKoG8jgswJAyAQDiulVcHpjtx6en09qf3J6seCTyT7UwON0P4V6Hoel6xp8LahNaavK818lzdtmWVzmRgQcgMOMKRW54f8N2HhXSLfS9LgNtp9su2GFpGk2LxwCxJxwO9aqdf0pzCgCJc0/wC91FLHjnNP3Uh7DQtLs9qVmApn2gL2zQMo7Svfimtj/wDVRRQSTxyDbin0UUDQ2SXYwqRZN3PaiigGHmBsgcYpdwC+9FFAhnXmlVjzRRQA4N2Y4NO3D60UUAG3v0phYrRRQA9W9qU9DRRQA1c1JRRQNDD94Yp6DJoooBiOB6cUixnr2oooBH//2Q==)

Пенициллин-гидролизующие ферменты секретируются особенно пенициллинрезистентными бактериями. Они называются пенициллиназа или β-лактамаза. Лактамазы продуцируют пенициллоевую кислоту путем расщепления лактамной структуры β-лактамных антибиотиков, аналогично гидролитическим реакциям в щелочных средах.

![Diagram

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4SFmRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjM4OjQ4AAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAMwMAAAkpIAAgAAAAMwMAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NTo0NgAyMDIzOjAyOjI2IDIzOjU1OjQ2AAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAD7kAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAVwEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A9OjiWKMRxqqIvCqowB9BTwPpWZsNlkjhjLyuqIOrMcAURPFKWEciPsO1trA7T6H3pCJcUY4pgKBxjNLwBSGHFLx2oABR35oAWjIpgHHanUANyM0oOe1ACMDjIpaAEFBOBQA3dwTilHIoAMU3FAxpFMwT1oAaajYYoAYaiIoAv9qOaCSpqdvNeWTW8JUMzxn5jgYVwx5wfSm6TGyxTz71eO5l89CCeVKrjOQOeKAL/JoAPegB3tR2oAgurlLSISPk5dUVR1ZmIAH5mqF7rq6cJxcQbWigacAyAeYF7L70hmskiOzqroWQ4dVbO0+hp+KADbQQM80wFApeO9AAAAelO4oAOKYTzigDPbWbVE8x9yR7pQXYYC+XneT7DB/Kmtq9vE2yZZEkcKUjZRufcdoxz69c9O+KAFGqQtcfZlRzchiph4yAACSecYwy9/4hV2J98SsUZCRyrYyPyoAfTTQBR1K+XT7cTuAU3BSScKo/vMcHA98d6kt5vPtopdu3zEDbQ2cZHTPf60DI7yWSCzuJYY/MljjZ0j/vEAkD86xJryeMWDxagbgTyoroqx8gqx444GQOpz15oAm0vUWltoRcMzTSSSqCQv8AA7Dt7Dt/hWielAFTUdVmtNQggjWMpJt3M44XLgHJzxxnHB5wO9a6yI2drA7Tg4PQ0ElHVLmVLYizmjS5EkQAfBHzOB8w64PPTnjimabqIfct0TBI8pSOGXAI2hcqD35zj1FAGnvA4NIZ40RnZgqqNxZjgAetAGRqc8l9Yq9l9o+ViQFSRRKAp4yvzKDnhumQOtXo9QjEqwTo9vKxwglxiT/dboT7dfagBoaPVY2Gw/Z1dWimDYLMpzuX2BAwe+Dxjq+XTredZFnLymWEwyFmxuU9emMfhigCeOLy55ZS5ZpMAjnAAzjj15/lVgNQMMimtz0pCHBgODSlqBjCzLyaRTls54oAcxy3UClznp+dMDJ/4R60YsZQrF2nMhVAGcS5yCevG44/CpJdIgldZJpZWmRVCS8AptbcCOMZJAzxz0oAcdHhMn2gSzLdFizTrt3nIAK8jGMKvb+EHrk067SW2je5iu/LWNMyLP8ANGQByfVTx249jQBHHd6hLCjnTRGzAEo9wAV9jxUEl5qRuI7QW8MDSqzCUyGTaFxn5cDJ+Yd6QE6WAQDM08j7t5keQ5LYx0HAGOwGPaoBpYtVX+z5TblFChGy8bADAyCfTuCD65pgU7K7uJZZLzUI5IkRWKFGBhRV6k9y3HUgYHA7kzS6jCggd7SZUncBGKrjJ5yfm46UANtpLe8C3EcTAI7qgJ4ypKE4Bx2Iz1xVovk4AoGTmGAuZGiRnK7SxUZI9M+lZPiDbbadNe2pMF0q4EkXBb2bs3HTPTtigk17aCK1j2QLtU8scklj6knkn3NPlSOaJo5USSNhhlcZB+oNAGbY2UU1vIHluiFmlRcXUowA7ADhvQU06bbx6tbKPOkUxSSFJp3lXKsmDhiRkbjSA10G3GCeKp6yI/7Dvw6hl+zyHBGRwpNMCtdI2k2OLWWVYi8aEM28QqWwWBIJHB7kgYBxgGqOoX99F9t+x3XmqtmZY2O3KtkjK4X5uwxQB0FvP5k00JjKmLGDnO5SOD+h9en1qz1oAQDnrT88UhlJr2XcVGn3TY7jyxn83FNS8uD0025H+88X/wAXQASz3zphbEDP9+YD+QNVriXVUtZNlpCrCNsFbgswODyB5ZyfagDN8P3Xiy4KHVLC0jgHVmJSQ/gMj8CBXUgHcDzTAlAHemNHk5oAVmVFyxAHuao30L3U8UalDDE3mSpu5Zh90Eemfm/4CO2aALCb+d34VnSXds2p/wCsPn2g2NEByfMK4PuOB+dIC8Zk5y6A+m6mGZP+eif99UAZ+nItxpRjYCSN3lRgejDewNJJo8ckEMMtzcSJC6ugYqfu54Py8jHHPPFMCCPRkt5Lbym+WGWSTc2Cx37iV4HTLZ/Ada0Ng64oGPYEg+9Z92zNdxWO2HbNFJKzzpvUBdoxjI/v5znt78BJb064a70+3uGQxmWJXKnsSM4pbyVYLaSZ3KoiknHU+w96BGXpU+om2kKWkRXz5TlrjGcuSf4D0Jx+FFzd6hBfSLG7SQNdQxgqoJiyULA8fdILc9QR78IZpK+oHrDbAevnsf8A2QVDe2uoXdhcW/mW0fnRNHkhmxkY9qYGhDMrsyH5ZE+8pIzjJAPB6HBIqfPPU/nQAxFjj3bEVdxyxAxk+p96kzSAAaM0AIWAHNIu7rgfnQA75j1xRtJbJ/CgB+DTlINAGJPp1y3iH7akGYUMZJXaHf5XBwSeg3DI4z+GDotqcEUzR3O63IJ2tNhVcDuGzj8M59qBkbyx6nazRrbvJbuAAzgKsgJ5xnnHv37Uml2ktt9oD3IuI9+2NyctheMMe7A5Gfb1oAtspLZGcVmTaPHPc+fJI3mLKsqMgwRjaCuc8g7Rx/gKAJW0uxd2d7C2YsckmFck+vSkGk2AUf6Ban/tiv8AhTAb5S2R3oUitUUl1OFWNQCeAOBzySf/ANTf7UtgUU+aGkA8tTEwL5BPAx7H6d6BkZ1OzIVhIWBDHaqEsApw2QBxg8c006paYbEu7ayKSqMRl8becY5yPzoAuUkkMUwAmjSQA5AZQQPzoJH5xWVPepc7UeE/Z2uTAJQ/zLIucNtxjAYccnkA4pCM3X2vNNuNP/s1mjihhcso5G0NGvK9D97HUYznIGa6GwuHubRJn8o7xlWjJKsMcEZHH07UAWhS0xlHUTLm22CQwib/AEjy87tm04xjn723OO2azZLe7H2xYPtAdyps3kZiEOckt6ANkkHnbgewQD2tbx8b4281Z5nkfIw8R37E688FMDtj836ZbXMF4HlhKqbOGPdx99d+4cE+q8/4UAbPzcdaQbiwyOO9AEi5HWnUALnindqAHimMDu9sUDJA3FY3iu2kuvDV5DDE0sjAbURdxPI7UAaV47wabcSo2x44mYNgcEAnvVDTryaa/kieRigtYpQrBPvMXyfl+g/OgDTLkPjtTC4xnHFMA3HtRkEUgKlzAl7bT2suTHKjRvg84IxVKTTrhzBJJdo09u2YmEOBgqVIYbuSQexHOOKYyCPRWtpGnt7lVuJA4kd49ysWYtkDIxgk45PH51VTw6sS7Y58KrQeWGB4EeODzg52jnFAG92zQSMe9BAA5HSoBY26z+cIvn3FxycBiMFsdM4z27n1oAlkhilB8yNHypQ7hn5T1H0OBWJpMjaXqUmkTOWRiZLZ2PUHJI+vBP1DeopAdAGGOadn0oGNZSelIqEfWgCQDjpS7aAHdqMZ6UwAdcU6kAtLQA4UZFABj0qlf+Z9rtw3mm0KPv8AK3bt+V25284xv/T2oGSacLj+zoVvMmXHzbuuM8Z98Yz71ZVQrYAA+gpgIygmm7B6UAJsAo2igBpUA8U1ulAyM1GfagAwQvWlCjGe9IgdxjpSDmgBe1Z2raWdRgQxSCK5hYPFIf4eRnP5A+mQM5GRQBpRq3lqJMb8fNt6Z74qTFAAOtOFAxcUZwKBCEijcMUxiBhTgRQA6jNAC96OaQD1z6U/FMA9sUw9c0AB6UgYUDE3DOO/pTO9ADc8470EcUDGEVEy4oAQ52+tKCcUEjuopqp1pCMXS2vmuJZVUTRyPhmldo1QB36cHccEdMDgDtWfLHrrada28FuxaNLdsyEAb1dGO45zjhgfx46EgGhMdaW7R4FuXhYREhjDwAfnBBxyRnp+fSmSf28H3xi5dQ3Kkwjj94D6dP3Z6+tAFvTV1Xz7c3olCrAolJaPa0mOTgHPb8yemMVtigYpppGe9Ahu3HenbRQAbRRtAoAC+KVXDdKBkgApwFADwKdTAxL6xuZ9YM0R2IkURVscs6s5xnPAOVB4ORxxUCf22Y4yWnZhlmUxxKc5TCnk8Y38gj+tAxix60vyvGzRBlIXbEMYkUnjocruOeCMdM4NRW9lqVvdXLw2zIHkPzKyZZDO7HHPXawPP86AInttdGoQXDQtMUxukUxKxUhQwHP3uD1444wMGrusf2x9piGnJJ5e352UxnBIYdGI5Hynr+XcAgSLVmljeWOUENEXCPH8wBfd6ccocH3xmt3tQMQjionFAAOnNAFIkcaCKBHOnX5IIDJ9kEiiPziiPhwCXACrjkjZk89yfamt4jkVAxggRTGWyLoHruC4IUg/dHP19KAH3GtS+VKirs2BQsm8c5Un0xn2OPWpU1a5S7WJYxIhMe5yxOQfJBxj/rox/wCAH8AB1rqt9ctagwCLe+JN8LgBcKeDng/Ngde54ANaunySS2uZOcSSIjf3kV2Ct+KgHPvQBaxS44oAAoowPSgBcUmMmgAKA9qFXb0oGP5p4zQA8UvamMQc9acFHpQAhUZpNooAaQKaR7UAR0wmgY0mmmgAxkUopEAR6UN2FAEEdnBFO86RgSOMMcn1J6dBySfxqdVAoAfj60g9KAHEZFCgKoAGAOgHagBaU9KYBRSAUnmigBOKWgBw96cGBFAxwIpwFACjFL0oGNJ4ppfC5pgIelM3UAMPrTDQAw+tMJFIZ//ZAP/hMeRodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0b3JUb29sPldpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQ8L3htcDpDcmVhdG9yVG9vbD48eG1wOkNyZWF0ZURhdGU+MjAyMy0wMi0yNlQyMzo1NTo0NjwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMAAwICAwICAwMDAwQDAwQFCAUFBAQFCgcHBggMCgwMCwoLCw0OEhANDhEOCwsQFhARExQVFRUMDxcYFhQYEhQVFP/bAEMBAwQEBQQFCQUFCRQNCw0UFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFP/AABEIAKUB4gMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTUWEHInEUMoGRoQgjQrHBFVLR8CQzYnKCCQoWFxgZGiUmJygpKjQ1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4eLj5OXm5+jp6vHy8/T19vf4+fr/xAAfAQADAQEBAQEBAQEBAAAAAAAAAQIDBAUGBwgJCgv/xAC1EQACAQIEBAMEBwUEBAABAncAAQIDEQQFITEGEkFRB2FxEyIygQgUQpGhscEJIzNS8BVictEKFiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/2gAMAwEAAhEDEQA/APr7wz4bs/B+h2mi6aJl021jEUCyybyqjoM+3b0rUbGScYznJHB561PtywpSg7iuI9O6Io2Xp29O1TLjYQGwuMbR07/rz1pq49Kk4I6c0ibiR7lDfMy5OflJH8vrUTRmTcOgOenHWpnO0DPTvyBWFY+OND1LVtS0y1vzPfaau68hjgkLQjtn5cZI5HPb8KVhGv5ZJY+vXjk1LGpznNZXhXxZpHjTTW1DRLg3diJGh8/ypEV2U4bbvAyAeDjPIrbx2qgGoxDZ6npk8n/PApCrbgwOMdMVJ5YUZpp+tADdpZWzySc880JJIWGWY46ZPT6U/oKcppAIyntgH6Usanv0zmng8805WXaeKVi7CEbuMn86Tyyo60jNtYUBqZAgT60vlgc4pwYA80bwfpSsVcQ05VzSfypVYUhi+SM5NNABbFSbd3eo+F7U7AP8s7etHCg460CTjpTd27NUA5BnNOqNWIpwmVevFAC7B3FN2laf5yszLxu9PSg/N1FACqc4p54pg6U+gBmMmnhFx71BJJtYDOKUMN1AE4IXjNBUN2qvyTnp71NtbAI6etADGAXnpUfmYkAAyT/FVjbmoPKZJh3FAEgBNEmUxjrTvmUnFJNllVqAI/m3DNP3beaFG7BNDYXmgALZUEimOAvelDh4/aqbOWQ8Mef60AWlxsyetHfrUe3djPQdqbbsWZ89jgUATUzaWNSYzxS/doAg2EfSmhR+NTtz9Ki6dKCroYqZpkinPFS7iKa3UUAVz8tMZt/SrEiVAsY3GgBmKZIdo4FTOu0daiflenNAEbqCmaqeWMZq5kd6gmG36UAQMNucVEwzmpGpg707AVJUqNl3delWpFyahK9aQFbyx6UVLtooA6xeVyOtIzEfSmoSqgUrNuFBkIGpUbmhY+M0pTg8UAJNcAcE7V7t6Duev+fevHvC7a3cfG/4pS6fqFrpqK+mxzfabRpmb/RjyMSpjA3HBznPavYdpyCDg+vp71xHifSLTw6LOfRPDmnPe6tqtrZX8n2RS7wSswkd2UZOMfxdKAMn9mGYyfBvScyRyv8Aab4yGH7m5rqRjgDOM5B5PHTnrXqrVQ0nSdP0mNorCxtbKNj5hjt4UjHIHOFAGccVdOWPtQAm40zeVORwalVeaUop6igBqksOaeqmhY8cgcU8ewoATtjvRH3zSctnAyc4zkAfmadnbwc+npn3oGEihqZyvGCfpTtpY8UvTAxkk4Hue360CGfM2V28+o5x7dadCrvIqCNixOQvHTjGeenX0rzbxZqVz4m+L2i+C1nltNGXSJtbvWtZDG11+8EccRYEEID8zbSD2PBxXO/HzwJZeH/hf4t1TTXvLYfYoI4bEXMhjilFwpMke5sKWDFWAwOcd6APb2O1VB+UNjDNgZOcYAJGck9fahfUcHuOuO1eE+PIY7z4gfCC2m8M3GkWseqTIDeGErMi2jMEwjsWCsu4buc165B4ut5PGDeHZdO1K3ufJlnguZoALeZUZVkCEHIKlhyVUHPFLlKubjZoUetOOOOKX2xTGN2n8Kb5Z3cdKm9KJDt6UCuRqv50eXluTT0560yRwjCgLiiILyKcq80gbdyKlTrQFxNoA6U9VGM0m3PSkZ9vvQFyKS3G4MT0qXy1bBGPypWAK5pBJ5ZGOlAyQRgKeOaRV7dqRrhcdeaVZPM6UAOAApCvpTWbHU0qyblwDzQBG02xuR+NC4f2FMuOWKkYHrWB481C70nwNr+oabcfZbyxsZrqKTy1kG6NC+CG4IO3B+tAG/HiTOzkg44qOaULkd/TBzXz74i+LE9r8FdB1Wy8aQR+K7ySxe4jge1aQid41lCxlSBtDnHy5z14rs7zxFqWvfFbUfBdtqdxY6doGnw3GpXtuEM97NMf3aKxBCKFG5sAEk4HFAHpduwAZGBBxn/PT+dOWPEeOue+OPw5rxbV/ixqHwr8S+KNI1GWTXNOsdBPiDT2mYGVArbGgkKbdy7sfN1wetbKaJrd98K28Ry+ItSTxXJpf9qiZbjbaq4j80QiD7hTAK5I3cZzQB6jtLMdvGB05P8AKlWAx/wMpPLFuufpXhmgfFC8+Luv+B9CRp9KsNQ8Pt4h1RbKQxTXDeZ5SwK45RCwYk5BwMd69R0fwcmj+Il1DTb+6/s+S1Nu9hNdS3EQYOCsse9iVOMg8807AdLtHpTW7ilYlWIIIxx8wwR9fekzSATn8Kay+lK0gBxTN5bPNADDzTXyfr9D/SnY+bA71FLIoXdxtbkAnk9sYP8A9egdyKa5jgby5pY7eUg/JMwVhx1wSMjHOenFKG37scYwSAc9f8/rXzt8SdPm8L6t4q1DxJ4bXxP4R1eV2Gv6egku9IGNoR1/hVD/AHevevddD1bT9SsYv7Pvob2NIkZPKcErGyDaxXJIyMfmPWgLml3qM+uM45xT1IbBDKeMFh0/Co2fy97k+WiLuLt0UD+JjkADHP0oGch4u8crofiDS/Den2Z1bxFqML3EdqZhCkUCcNPJJtOFznCgZJwO9c74y+JniDwPpep3mp+Gba4i03TjqbzWuoMYLiMMFKKxiBVuckMB04qLx1pd/wCHPizo3jqGyudQ0j+zTpeoRWEbTzWZD+YkuxASyckHaCeAaq/FPxGvin4U+MLTS9Nv7uCfS5YI52s5UEkzciNI2UMzY5LYwAD3oFcueJ/iZqXhnw34a1SbQVnk1q4gtDBHfBfs8swzGCzR4YYrv037PnAVxgNtBKg9wD3r538daDa6f4B8AXtudcnvLfVtOuZoZZrmbZGmTM5hbhdv8hxXo3jTWtR0HxV4UvI9UvU0e9vFtZ4hbJ9jCMj7Szbd+9nKhSCBgHjPNUFz0BmDHioX4zSqSM555IPYg5/wobGDxUjIcmiiigCfx/4pfwT4O1jXks/7QGm27XL2/m+XlV5OGwece3PSsHw38TZ7/wAbWHhrWNHGl3ep6YdVsJYLoTo8QI3K4KoyMMjjBz61D8b47zUvhf4n0zT7O51G/wBQsJLS2tbSEyvK7DHRe3c56AE1y3w98M6j8PfFEGoQaRqGr6PrdhBFJcTJJLfaRKiAGFg53eS2CwUdGXntQZHuSsORRuGfauI1D4oad4d8RyaX4gtbnQomcLaapdAGzusjoJFyEb/ZfB9z0rq7i+ghtXuZLiOO1RfMa4Zgsap13FicYx34FAFt9vAz1IH698dvpXlfhn4tXsPxK1Twf4ijhsna5NvpWrQq0MN3IER3hZWJ2yASoQM8jNb/AId+IcXjTXBDoen3F9oMakT6837q2MgziODcMzZ/vABfc9KyJPhw/izQ/FeleIbFtLW/1U6jZXcM6NJbHy40SZDGx2uvldDjPQ5oA6X4c6xf614ba81K5hublry5gVreAQoFimkjXALHJITJPqa6ssQM15p4f0Txn4I+HGi6fYjTdY16zlla+iu5TELxWkkY+W4GFc7lYbuOucDka/hX4qaT4j1BtIu45/DviOP7+jaquyb/ALZkfLMP9pGIoA7XeOOcUbvfNVZo5lJAVsrx0zz6H3qrNdBJkjMiR8fNyMj35PagVzXD/L2pvmBiMcrnuDiuP174h6J4StRdatfpDE8gjhihzJLM56JGo+Z246Ad+tc7Fb+L/iRNDPqD3Pgnw5ndHp9u4Gp3a54MkmSsKnj5UJfBwSOlAyt8ZptS0vXNF1efQtT8SeD4LWRL+x0md0uraUtkXPloQ0ihOgzx1wcV1nwpvtI1DwLpT6NrJ1uyZJXguZnczGMzHAcP82V4Q5/iBp03hnUbrxAdb03XrjTW+xpaPb/ZEuIpFVmcSEN/GM4zn0znGKxoPgb4ft9J0+Cze+07VdP80W+uWUxjuxI8hkkJKjYys7k7CMdQMZoA9HR9vUde/UfQVn+IPEmm+F9DutU1e7SxsIBh5mOTknACY+82SMKOc4rgJ/GPiv4dqx8XWZ8RaHF/zM2jwkyRgdWubYcqR3MZI+nUU/h7cxfGbWIPGVzMkmgabMw0XR43V9kgJH2u5VCcSnkIhAwME5YUCudj4o8CxeKNa0vXrS/m0XXtOR0t76CJGUwuBuikifh1PDY4Kk9ah8SfDNfGPhu+0vW9e1C4N8iR3F1bRxwDykfeqInzKvz4O7JY4xn06xrhR95wM5z83JJ6j8e/rRLcqsgBbZLw3ynB6YH0oC5z2ueALXXtS8O6jearqX23QZGntJIGiTdIybGZl2HJK8EDAAzjFRReG726+JVvr81pDpa6fDcWfmQXTStfQsR5YdAAECkFgT1NdLDdja7hsAHLcDHHsDyaeJFVUAOV25Xngj2p3GWEbjOec07dVRC7NkH8KlEhHBX8aQ7lndSFt3WofMo85R7UCJu1QXLbY80qys/TGPWnMu5eeaVx2GwSLtK96sK1V9oVcDimKzx9fmHrRcReMgHSmM47mq32pGAwfn/u04Ayck5X0ouOwyS6Zj8i5A6mpVmDNycHtS7QV9BVG+kSFfmGB1BplEs0n70Y6+lWbNz5eT1zis+1uTMC6gEkck1cjnULlNzDuFGeaVxXJrh8qcDmoYCzNleR3pJLpZG2qC3fdjH4UfaypChDmgLltlG3LYz9a5vx5pt7r3grXNK0y3S4u76ymto/NkEaBnQruLYPTOenOK22Zd37w59qmXbtG0AD0xTGeN698KfEGrfBvRfCcNnpsGrWps/Nlluiy4tnRiQVjyd+3GOvNdLqngG/h+IDeNdGexg1K/sVs9UsbqRkinVCpSSOQISrL05U8A/Ueg7tqlccccfQYz9eetJzyB8oPXHGev8AjQB5/F8J7bV9a8Q6z4qSC+vdZsBpT2lureTZWnJMcbHBZix378dQOKr2/wAPfE0fg3/hDP7etDpIt/sLXy2r/bvsxG3BTO0Ns+XzORznGea75mHnOrAFcHjHr1P196fbsZFDN8wDHGecd8/XigDh9U+EVkLjw9f+G7s+HdU0K1+xWsmzz45bMgAwzKSCwDAENuzya3F8N6hqFreprmsyO91A1uo0lGtI4VYjLLuZyW46k8dvSuo3fIFydoOQueBxjj06moSu1gU+XnPynFO4HmUt143+G1v/AKRGfH/hyFQBc2wEep26DjLx4Cy4HdcEit3Rfir4R1ywF3B4gsIEBIeO8uFt5onHBR43wVPPT9a0/GHiy08D+GbzXL8yNDbKNsMf35pm4WNB3ZiQv41yHgX4V6fHYTax4p0fTdV8U6zO2oahNe2kcxhZ+RboWU4VFwvHXBzzSA37j4jeEkyX8V6Ig9TqEX+NU5fi54Jt2w3i/RQO5+3RH/2YVrr4H8LxuDH4X0RfQrpsA/8AZaX/AIQ3QftUTLoGlqN3O2yiH8lpXA4rVPi+fEVxcaZ4AsE8VahGQs2oKxXS7XKg/vJjjcevyJk54zVvw/8AD270/VI/EPiPW7jxDrqRGOPazW9laKwO5IIAehBI3OCeetZ3wBsUj+H8kSKqImraiiqBwqi6kAAHbAr0uSMpgbs56+/1ouB5/N8M7aez1W2j1/WrXTdalklvLCFofKZZGJdUYoWTduwdpBwTjFVdb+C+jXTRXeiPP4W1m2QRW+oaZgbkUABJYjlZhhQOefcda9IWMRr8o2jGMDj/AD0qNox36UwPLpPiLrHw7MVt8QbAJYY2jxNpMTSWhXoTMgy0DfgV561kaXNc/tBTG+uDJafD6GXfb6fGcTatIhAEs23mOHI4Q8twenFdt8Y42Pwm8aBSR/xKLg8dc+Wec1zOl/BfwtfaLpWq6dDceGtUktYXe80G4NruyoOWTOxicHqpzmgWp6fCCsaRomVUZRUBAAHtg4A6e9QTGSS4DI0hOMBlODjOck4xjPvXmPjq+l174w+FfBtw8v8AYU2nXGp3cMcrL9tkRgkaOy43IpG4jvnmoPih8M9F0vwb4n1bS4F0wW+iXkX2a1LRw7sB0dUyAjDawyOobntQM9R8+SFt26RSeCy55Ppkfnn2rmpNC03UNb/tGcXM8sLhxFJcyfZxIowriI/LuAz82P1rwLxlrCz/AAa8HW0GiaxYhbnTSdQljMUTqxVZPnEm5g+4fh0xXtd34s0XQfENvos919muJysFuphkKcg7UZ9u0NxwC2T7mqA6vzlZQx5J4OetQ+cu/Yahk3LBuUHA/MHP/wCuo0jKsGbLO1SUWdy/3qKb9nHpRQBvLCu1gQNrdV7H6ipMrGoGSeCOST1xn+QqqZPLbYx4Heo7i4Ea7gMigyLN9Fb6jYTWl3DHdWko/eQzKHRh7qeDXzTZ+FrBvjdH4WDXE3hKLVpki0GaZms0K2KXAKoTyA7g7TxkdOK+iVuz5yoOeBweB/KvFtL8NazD8dJNWk026SwXWb2X7U8R2BWsLeNSDj7pYkD6UCue9xfuYY4o1WKKNdiIgAVVz0AHQVMvb8v5f4VWibPLcmpGkO35etAXJSfLY8Zzyfw6V558ftNstU+Evie4vLSG4nsLCS5tJpEBe3lAyHQ9VOfSu+EwCnJAOO9effHXUEb4O+M03rk6ey4+pAoAdYfAnwO+n2pm0ea5doULfaNRupASVBz80pqb/hQ/w+Uk/wDCJ2LseMyNI/8A6ExrtLKQLDEM8LGo/IAVM0hXLZzt55x2+ppXEeQaV4D0Hwl8edPh0TSrbTIP+EbluWjtowF3m5VQ3125GevNeux24luBKDgjnJHJPrn1rnF8L3UnxQXxD5sS2a6J/Ziw5Pnb/PMu4jGMbR65rpd2wjPT6kYPpjH9aY7kyrjg/N7nk9Mdal2h2yRlsY3Hk1Csqhc5prXij7pB9qAuZnjyYR+BfEzjkppN517DyH6elefeF/hHod94L8MarpwuvDWv/wBlWjHVNHYRSSfuUz5yn5JPxUmuu+I0wHw68WsGAP8AY95x/wBsHq54IX/ihvDSDtplsFDHAz5KcZ7UEnKeJvE2pa18SrPwRY38+mW8Onf2xqd7AB5zoziKGJGPC5YMzHGcKQCK5r40W2t+C/ButavZ+KtYW3SOzECtdFp4GNyqSjcvLh45FwDkg9MV23ij4d3eoeMtN8X6BqFvba9aWrafPFfI8lvfW5feqSbSDG6t0bnjsaqeNPhprfjzwndaXe65Z2E921u2ba1eWCBYpBIAi7gzOzAZLHoMBRQM5PxZr0WpfEr4b6XZTa7bWMtzdx3cN0bu0juUjty6bi2N5DgHPfvxXrOk+MtF1TX7rRIb0PqkMbStAYmQMqsFYo/3X2khW2k8kVk+JvAl94n8ReFNZbWYLKXw/LLP5MdmZUnkkj8uTkyfKu3OAckZJJOKbDpOoX/xRt9aitr+xsLezuLK5XUPL8qQF1MZt1BLDcyl2bvjGOlA7nbqQnAFPyCOeajUHaM8mlXPpigYjRk9OKSNSG+bmn7ivNIGYtU3AkjG3Oak3jBz0AzURk4o4K0h3FkmjgAMrpGOQCz4zjqeR7jvVOTWtOjyJNRs4/8AfuFFZ/ibwNoHjF7d9d0e11Z7dWWJrgElQxBPfnkDrWTH8HfAsP3fBehn3eyjc/qDTsTcu3fj7wvp1yxn8R6NE3fffxL/ADaov+Fu+B4f9Z4w0MH0XUI2P5A0i/DfwnZ58jwrokf006H/AOJrXs/DmjwxoI9F0yIY/gsYh/7LU3Luc9J8c/h/HIVbxfpjP/cjdnP4bQc1l6l8dPA1xtWPxAs5AOFitJ27e0dejwwQ2qbYYYYl/uxxqB+gpfPlHyrIyr6KcCquK55lY/HDwhEg8ubVbngZWDR7p88/9c65H4rfGh5Phzqk/hpPE+k6paf6THet4fmERCHJV2dNqqw43f8A6q97kupdqDzWBzxknGa5Xxv4HsviZ4ZufD2q3F9BpVxJHLKLSYI8qrn927dlz6UCPk3w/wDtxeMtPufJ1rStL1mFn/d7A9vLj03gFXP0UV9R/Cj4lTfE3Rn1Gbwvq3htF2bDqSfJPuBP7tuMgY7gVb8F/BvwV8PmD+H/AA3p9nMo5uvLE0/4yvlh9AcV2MymaQOfmfuzck/jV6AQyrufBbb6mrkeFUAfN7037OrE7hkmpolC4UnaDxux0HrU3KuOVeh6U6SMDmuCv/i9ZWWsa/p7aDrksuhxrNqDW8MLiGNlLK4/ebmyoJwFNdhous2fiLS7XU7Cf7TYXUSywyqNu9T3wefYg45pjCS2JkkbsRxTrWHyolQjvmrfGMUxhluOtArjVwAd3PpSH2/xqtrE13BptzNY20V3dRxl0hmmMSOQM4LhWx+X5da4LwX8ZrHx54HvtY061FvqunQvLeaTfSsjxMqeYASFyVZBwwXnNAXMzWJn8d/EwK8UjeG/CEuSuDtu9SYcdQPlhUr7b29hjuzqUtxGG4jLHJHUnp/h/Oruhahda54d069ukjhnu4FumgjYuq7wGHJAOcEduadJZRbSXXp6daQxUbbCv3qI7rbLuWN/lOQMZOewI9/60JMiukYycnAzXlvx00XUtWj8Ny+HNTl0vxIuqrHb3IlcRttgmkEboDtKsYwDkdDUgdJ8OfDFx4H0GawmmW7aS+urvzIk+UCWZnC8nqM4z0rqftDSdUIx1yMY9q8W0fx3Y/EDxJ4Oi1OzbTfEOn3V1a6ppjll8t1gZlO3PzITllJ9q7LUPG3iux1C5t7X4dX97bxtiO4TULWJZR03bS4Pb0707Ads03bbUTTZz8hFcDJ8QfGsY3N8L7/Hvq1oB+e6lHjrxnIgYfDK+J68a1adPzqgND4sMZPhb4wU9DpFznj/AKZsan8ENnwboTgFj/Z9uVz7Rj/E1xnjjxF431/wZrumRfDK+ja+sZrXzP7XtWKb0K5wDzjPSu08GrLovhPQtN1VEtNWisIlksxMHKlVAIBHXHr+GaB2KnjHwPaeNJdOumnutL1fS5C1jqdqy+ZAWHzIwb5WQ91YEH9aqar8PLvXNFvtP1PxLdXUt3avZJMtpFFHBFJgSYiU4YnH3iWIGcYruFwPmx8zfxd6jZfmOOM9cUBY8r1T4K/2t4A0jwk3iG4jttOeB47oWKGRvJZfLUjdwAQOR175qTx5ouq65faJaWUOom9sL22v/tnkRrYy84kMoLElgu7HHDFa9NmHy8jPINVm+XtnvTuFittVRhefT3HJzTWjGQccipwnX04okXtSGVto9KKk8o+tFAFiRdy8jOKimhLKMcDvU6yepo/iyBQZHLeNvElt4A8L6x4kvFae3sIPM8lMZkbICpzwMsQMnpnNct4q1rxV4F8CjxlqmoW+oJYxxXeoaPHZhY1gZlDCKUNuym5eSSGAbA6Edt4+8H2/xA8G6x4cnka3TUIPLWaNSxjcEMjYHUBgCR6ZrmPEHhfxN8QfB6+Ftbj0+xs7gRR6jf212ZDcxxkEiJNgwzlQCSflDECgg9FgmSZUaJvMjdA6v0ypAwanwKhhjjgRYo12xIAqD0AGMfXj6VIzfL1oArXNoZM/NtGP4mwPavIPjxebvDeqeFLS0utR1fU9Nlukht9v7m3jILySkkbRkbR0ySfavY7i4+yxSTHeViRpD5Y3NgDJwO5wOnevn1tP1XxpfGwuopLPxD44b7TqXGJdI0KJgEiJzkSSAgH1ZyR0pbjO30T4t/21pFrf6f4J8XXtlPCssNwljGiyjHVS0vIP4cYrooNSk8XeFtcXUPD+taAsULhVvZDBK+ELAq8T5XketR6h8SvCngrxFo/hO91G20a6urdTa275SKOPcY0BbG1ehAB64x6V1GqWb6lo93bJKbaS5geHzvK8wpvBGQM8/LnqT1pWHc+crXxdqWj/AAyvvCvja5ae/vNCOqaDrMkjKL0GISeWz5H76MkDBPzKCea9t1261zw/fRWPh/wYur2McKD7SdVht1UjcCnzkk4wOSSTmq2qfC3TPFPgHTvCmrv/AGglnHCltdqipJHJEAsbgZPOAFPquc5rtcb2LgsSf73DDvz+dUScNHr/AMQ5DhPAemxr6zeIF4/75jIpv2v4mOxC+F/DEX/XXXJD/wCgw16Bwy4/PNKjkfLk4+tA7HlvirS/ij4g8M6rpcdh4Ptvt1pLbf8AH/csfnQrwTGBnnvXa+FL6z01bHwu2oR3WtaXpsH2mGBGGF2hAxHbO0/KTyuD61u54Yrw2ODmsfxFoNzqNhcQ6Tft4euLueGS4v7W1RppI1IyF3HbuwNoZwcA9+lAHQDoB/dAA9h0H86U4LDj8q5vV/G1jpF9DpgW61LVpozMmn6bA1xOIunmN0CruBAZiNxzjPArNk+LWgLazzEX0U8Wof2WLCW2ZLqW52K/lxxnliFbJblRgngUDudxkHqO2Pw9KRZF3EYGPpXK6L48tdU8QHQLqzvdH1xoDdRWV8qK1xECAWiZWdWweozxnnAqk3xFF8upXGhaNeeIrHT5JIp7qyeNVeRBmRIVZ9023/ZGCeAe1AjuPMzk5pQ1ebap8YLW30vwpqWkWZ1vTPEt2tnZXAuFgIkYNgOHAxjYwOOhAHNaVx8Qp7X4hweFG0nPm6edT+3faQAIg4j27Nv3ix9egz7Uh3O4ZhTVfFVxcBtpzlW5Wl+0KvUVIy1wRmkVqhFwjRhgc5qNbgBsE4PYU7CLQbrS+Z8uKqx3HXIxSzwvKvyPtBqgsJJKTPt2MVI4qSN3WM5RvbJpVi8v+LcMVLuBWkMiVpHYDAA+tSGOXJwygU7gjApytipAr3CyMqAAY7kGpY4tjDb8uBipVXHPanqw3ZIoAZ8/94fiaduKnsak4btQy/LgcGqAdDMJMk8GpjtPLHA7t6DufeqDN5OJGOF6Y96sR3CtIEwc9RkVI7Hzp4t07XPFXxI+LVp4Y1UJefY9N8/SYHTdfxLAwmgWT7yPtJAKf3sHHUeqeD/HHhLT/htZahpc32Lw9p9skZthG7SWfIXY6AEhgxOWPXGa7yG1giZZEt4UdeQViUYOQcjjrwKW4LM25c7sYLL94/X171YzP0XX9O8Q6dDqGl31vqFhKu5Li3kDo3tkdD7dRVuW4jht5J5ZY4YolLvLI2I1A67mxwPevMvH3w9svD+ma34t8LTXPhrX7a1lupf7MYeRdlFLYmtz8pzjG4AHnOa5T4d2OpfG3UNVuPHd6L2y0qa3WHRLAtFYyGSCOcNKM7nYbx8rErkZxQSepaN490bxbpWs3OlTS3tjZ74Xuo7eRopTsORE23Eg7ZXIz14zXleqfC/UdU+GmheJPCccmneL7PQ0sr6znjaNNQiEW14ZFbBLryVbGflAzXvdvbrbxxRW8aQxxqEiijQKiDsFUDAHsBiqepW2qT6ro9zb3/2Sxt5JGvLeRQTcgx4RdxyRsfLHkdOp6UrgQ+Fbd7Xwvo0Mq+XNFZQxyowwUdYkBX8/5VculHknPersmcndlW4BBOT7ZxkZ/HpULIO/IoLMpIT5iFzggZHPWsLxB4TuNZutLmj1D7F/Zt19tCm1MolbY6Y69Nrt+ddiUXO4gZxiq8kKO3KKw/2gD70rAcTqHw00i68baT4t2CDW9PV4XnjX/j4jdCoDe4z168YziukuWLTRoh5HVfwrQZeAD8wHTdzim+WvHyj8qoClMVdWXjOMYxTIYzDEoIz9K0GhDc8Z+lJ5YXnvQBTWTPIDIR6cVyXifw7/AGfLqPiXQ9Ktb/xXLapZ2zXk5jjVAwwueQiDJYhQN2PXBrtHA3VDIu47euePzoKKlq0y2URvHgWVVXz5EJEatgZxnoDyRkngU21vLe8jWSC4jnjblXjcSA5PGCoOenavK/E23xV+0LpvhvV/9K0LT9F/tS3sZBmGed5dnmOh+/sHQcgdcd6yv2gNDg8CeF7jX/DsK6Fd6nLaaPeyWKiFFgeXDuu3G1gPk3KB9/8AvYNAHtC3tvOZESeGR4+HCShtvvx2/wD1dahYmPJYMqjqWX+fPB7454zXkXxv8Oab8O/hlP4g8NWUOjavoc1vJa3FmgR5BvVCkjD76tubO7Oep5qrpl0PiN8aNe0/xFFHdWGh6dZy2mlXGTBvmXc8zJ/E2fl+bOAeKBcx7KzDgxsrBuR82c/Q96bIzBiGRkwP4hx+fT8K8RvG/wCEf8e+O/BMCsdCm8O/21bWbEn7HKVZTs5yFJAYc8cYxXn97rjf8MzaIy6ZrVtfRJZsupbHSIs8yB2MofJLAlec9cUDPqP7dGOOvvg0VRtdNghtokjRwioFXMrE4A45JyaKANo4A96cpxSHDU48YxQY3HovBDYIPYilYjcT1PcnnNIWOzPU03p1OaCR7PyKhmvEt4pJZSqRRqXdmOFCgZJJ7DA5p7L04qnrWlpq+i6hp8krQpd20kBkQcruQrkfn9aAOIj+JGu614OufF+j6FbTaBHFJcwQXM7x31xbR5LTBQu1CQrMik5IAPtXXeG77SvFVjaeJNOjhli1S1jkW8RB5rwnlVZsZO0lvoa868Mf8JH4X+F9t4LXw7ey+JLHT30qFo0As2+Uqk/m5wE2lWYfeyuMDJNd98P/AAlH4D8D6H4cjuBdrptolr55z+8YZLMM9ASzYHoM0mB4f+05pctz440SeSP7ZpL6Bdrqloo+ZrSOdC7pkEF49/mgf7BHQkVL8GZvFOj+HZYdA1FdebSXWHUPD2p3BUupUNFcWdwc7Y5I8MEfK5DAY4Fex654XuNU8deHfECSwiDTYL63nt3B3SLOqYAHTgp+NeF6paz/AAF+JMNxbxyy6RDHI8MSElrrSS5M9sAfvPbSMJFU9UY9QMUXA+n49wjG9dhZfmUnocDI9yM9RjOMipA3OTyap2V1FeWsFxbXCXNtPGJIpozlZUP3WB7jHT2q0pHSmMeM59qcOKT7tGN1BQ+P5Tnv2pGbY4Zflf8AvKOf/r0uR3qCYE85yKVwPKPB+pJ4f+PHxCg1q6jtLnVF0+40l7qQqs1usLKyRk8ZV/4Qc855qp8QLyzX4peAfF0IWTw3p9zeWV7qUeBbpPLCkcMzScBkBHlmTGFKgda9S1TT7LWLaOPUrK11GKNiyR3kCTKpJ5wGBxT4XEMflRIqRKAojVQFAHQY9B6dqLkHneuRx+OvjB4Gm0O8S4tPDkd7d6jqFm4aONJYgkcQYDDMxG/aP7u72Of8GtctvhP4BTw14mZrLXtGuLrzLPDNLe5lLpJCCAZRIGGCOMjnHUeu2UMVrCI4Ikt0ByEiUIAfUAdD79atRsVChTgDGAOgxnj6cmi47HzWvg+58H/D/wCGei6mt1DfyeJzq95HZhzJaRSGcg70GUK+Yi7s5BbHvXVtpaaH8eLe5txrF1Yf8I69s95efabiMTtcK+3zZAVAKgnGRz717VvkThZHUHnAY4qORAsIi2gp/dI4oAhgkysRP3tvQdqm3dc8mnwoq4AXHarDRqQCRSsO5nFWhjGBxnpTWDy3ifKcL3/CtLaWxxwKZu28baoRG67sACrCZUDNIORxUnDLg0FCNnj0pB6U4UMAMUgFRsU6Tpx1pFA9KftyM9KkB8Y3LSlR6U1V980/PagBy9hUuOM1ErDp3qXzMD3qgKd7A00aAfwtk1LGzSSblGQBgmpe+aYxODilYq5Y8xlHPAozuWq+8nANSRPuBB4GM5ppgYHxKUt8NfF4ckj+x7vH/fl/5V59+ziv/I391M+msOQeDptuRnHfH9a9J8XeJNN0OzgttQha+k1NzaQabFGHlumYElAGIXaE5LHgDJPFY/h/xNpmmeIk8Pz+Hz4U1fUIvtFvG6xGO9WNQuFliypdVwNpwcDjIoJO1WPd8pTeDwVIyGHcH2xXg/w48nTfEnxNsB4e1LVov7emt1e0SN4oodiERYklGFDHOBXvRZSpYHGCSuRkZ6jIz0BFcP4X+Hz+ErrxLcQa9PNPrt01/NutYwIZmAUsmOowAMHNKwHNfsyiP/hTehzxxeVNL9oM5/iZvPcfMe5AUDqcY4r1KZ/Lh3Vzvw98CwfDvwzDoVrf3V/awu7xm6VFZNzFiPlAyMsfzrobjKxkBd3tVFkEE0rP86qBjI5pXuC0hCrgCofLeOZdoyMYJ9KapkhkkG3IbpQBI12Ejyy7jQsp4yMbulQyW7tCBk7yc9PekDO0wG35R60ATM0kbEsMAdKerrIoYCoDI+XBU+x7Uu1kjXaaQDpwNjY64zWbJMdqYALNwc1ey7K2cE4qnBbGHJbBc96aKMLxh8P7DxlcafqE093p2saex+yanp7hJ4weqnsVOSMEEc1Wk+HenX+lX9l4gurrxMb+LyJ5b8orLHnOxBEFVCDzuAByM116j86ZIoxgcD0HFAHAN8LbW+isLTWNY1HWtJ091eDT7sQiMuv3DIyoDKFA4B7gE5q7rXgGHUtei1+wvptJ1yOHyGu7ZEkSaLOQk0TYDAHoeo47cV1n8ROTnpnPNNbnrzznJ5NAHAW/w1htbfXnbUri61vW4/JvNZuIkkk8vbsCJGAEVACcDjnBOaw7/wCCjzfCu18Ep4hkFnbmNVuprFd7RxuHRcBwAcqMnuM969RuELMCefrzUfCKMfKQc5Xg0AYdtp+pxW8SPqdpI6oAz/ZyNxA6430Vvea395vzNFAAvzYxTmzkVGrhJMdqfJMo560rnOSK4VeagkfutNLPJ0HFTLA3BximA6KUMpz1oVyzYpyQ7TmkbKtmlcBPLCptAwg4CgYA/ClGdxz3GD6dMU5WyoJPFM3c9aAJN+3k81x/xO8Dv428MiGzkSHXLGUXml3DjKidRgK2f4XHyMDwQ3OcCuvxuBpjqW4xnj7o4z7fjSA8Q/Z58dJCv/CISxvbwEPc6RDM2ZYAGInsX9XgfPHXaVr3JZOjdR2I6EH/APVXz98bvBNx4X8VWHiXRZUs11C7Qrct8sdnqigLDK+Pux3ABikPTJU9ea9g+H/jC28eeE7DWLaNoGlUx3FrIP3lpcIcSwP6MrZ/DFO4zqFmGTkc0/cOCOtQtGcZ71JGpIxjmgdxrMW4zTtuFp3lEc07A7jmpAqtDubkcUR25Ricc1cVRUm0cDvTsIprG2fWpo8ntzVgwhVzSUDuR4LdVxTtmeKewOR6U9QPTmncLkKA9+lSFuKdjrTSpPFMkVWGKMZ6UxR2qVfl5oGR42Zx1ojJalkOaRQVoKH7SKVs8Um4kU7qKQrjulGc00fNxmlXGeaVguOVfSnbT3PFJkUbveiwyWMjtT/eoFbbUm75aQD9wpNwqFX3ZBpBw1UBYPzfWpIVIXB5PbnFRx84qb680rDueWfFCzm0f4pfD/xfM8g0LT0vLK7mJ+W2kmUiOVz/AAqx+Td2Htmq3ipYPiJ8Rvh/HoM8N/BoF5Pqt9qFqweCCFogiJvXK73YfdDH5cnjpXsG3Kn0bgjsaZGgVdgVUjB3BFACg/QcVQhn3RluemMe5JomO5Op+mTUrKNpwKgkUkUARQ9cYwPpUsmelRqu3OOtSlScZoKuRBf8aRo8LwakYbfpTduW9qBkRU+tN8rGOKtMoUdOaYaAK7A00feA7VYkUbelVj39aAJMD2qJ1G48YpwB60xsmgdyP8Kik6VNwvFRsvFAysQRTOd3PSrBUU1o+RQBWkIPHeq0mPSrFwm3oKg27uKAI6KXafWigCaK32nJ5pswGcYqRJNzdKY5y44xU2Ocmh+7jFLJgc0CUBQAPrS8MM0x2FjztyajlJXkipMZWobhSy+tSIbGd3fAqUKPwqC33n5cc1zPxO8Xy+BfCtxqkSxmdp4LS3MoJQPLIqByB1C7i2O+MVVwOuXlc9G9Kbzu561w3w18Vah4o1LxXBLqUOt6Vp93DFZavDCsbTBot0qlQQPkOAGA5z3wTU2peINTs/i9oejLdKml3mj3d1LatGh/exyRhT5h56OeBgcc0AdPrnh2w8VaDqGj6pD52n30DQTqOG2n+IHswIDA+oFZHgH4fW/gWznEd1cXt/e+W97cy/Ks0qIFMnlg4Vm43YJ3EZ4ri/H3xospvh74nuPDeqXFjqtvo8+qaddyWoWOdI32mSJnBV13fKTwRkEetdZa/Ei1GjatdW9jqWqtotr5t1NbwII5HWNXkSNy2C2TyBwCpyScESK5268Ng1Iq5715LY/Hyxj8NadqmsaPqVq8lha3195MKtFbLM+xHVi+XRjyNuWwCcCtbxR8ZLPwrquuaf8A2FrGoS6NYR6ldPbRR7Bbtuy4Jf5sBW4HXHGcGqGehAHPWkZeeteZzfHC3t9Sazfw3q0Us1pDfWKyiMC7hkl8oSE7v3SgncWcDC881f0X4oHxR4Xm1fS9FkuGt764sLmN76FIYjCGLStPyuzhfmGevQdaVhnfp1xnNSdWrk/hv40fx54cXWW0qXSreaZ1tBNOHNxCpwJhgDCMc4zzgZrruOtUO45vSmhaUNntTqm5I3tS9OlJTZGBHFIAjkbk9AKVpFYjHFVGkfkDpTfmqrgWjJtbA6Upnwo71Ft8xcYpVUj5aLjCSYKw5yfSnq59etN8s/5FIsJORRcdx/mHoRUiSBge1V5I2XA61IMccc0XJLAXcoIGKXGKarngZ4oaT3ouMU5zSrncOaRcEinLSHcc+McGhT+NIE59qkVMUhkW0rk4xTgpYg7uanHzDnmnqnTinYBqxsre1TKpp2005QcVQCbTTmAUcnHvS89aG/2mKjoWXgj6HtQAzO7oOD71HJkZr5y134leIdBt/Hv2TxjNceING182WlaBNBbyNfRAxjZsSPzDu3v84PG0cV6Xr/x08PeGLx7XUvOD28kNvezW7xFLSaQLhSjOJHxvXJRWwTg46UDsd+iFm9+2akGWXO0gEZ+b+HPv0PQ1514g+Nul+H7zXYG0PXroaH5bahcQWqCKGNxuEwLONygY4Hzc8iqeq/Fbw/4Z8Ta/LLHqjy21hYsUkkSO1kWd9kOxWb5MseWbGBmgD02T7vJycZ+6ePTP1pi7lUYXPbcQcH3HHP8A9avO/EfxAt5tP0W41LStbsFm16Cyi+x3Cf67ja7OpAkiYH+EHpXFfEq7v7TxF8U0ttV1CFIPCsF/brHdyKkMyvKNyjd8qkLzjkjNA7nvLEt1Vl9SR0PpmkVWbIALH2Hr/gePxrh4fHL20eg6JZadP4g8QXOjR6g9usyx7YVCpvd2/iZ2wo755rm5vidoPjrUPCPk2WrRvqyahBBNHe/ZxazKjGZJVVvmZSMAjGDg8daBnrMj7e45Gfm4PoRj1qqW+bpzXlHwB8fXeu+B/DOlRQ3GuXNvZeZqWoyXOFtmaQ4SVmyWkIwdowcenf0Dxb4i/wCEXsYJhYz6hJcTiFRGVijiG0sXldjiNQATk5zgAcmgDaDevI9BTWyoBPfgccH/AOvnNeUWH7Q2lataWP2HS5ZdQuftY+yzXUcSs9vJsZYpDxIxOCAByK14/FUUvxEvLaPRdQbWE0Fb2NZbsLbyIZOI9gJAbfuBYgHigDvSvrSMo24rj/hJ4w1Lx54D07WtUslsp7kMyFZVZZkycMoA4x0OfTNdielBREVFMbmpGBprLTsBBIARg1WmGOBxVtx1qpJndSAh2mijc3rRQBLGvtiopLdy2Q3FWVcScAYFSMuBxSuYFaPGNucmngHtSquM4qRFORQO4i9OaVlJ5609kojb8qViSGOL5s5289688+PUbt4L0kW6LJOfEWl+Wsz7VZhcLjJAOBx1x716Sy/MAvG7j86wvF2paPpOjy32uRQNYWrxzgTRrIfNDfuggI5fcRt9yKQHJR/Du+8TeOPEXiDV1udAg1KxtbAWenagUuCYnZzK8sRwDg7VGSdpOSOlSJ4B1TTviDoV9p8klxpljpF5ZPd6levcXPmTyLIrNuGXAKKME9K7y3u5fscU1/E1lcNt8yB3DeWx6JknBb09e3TFLNcRpcJBI8STNkKjMu455JAPJAA544xVAfO+ofAfx3q0Mk5l0BNVudHutHvruS8nZ5mllRhLnyyEHyYEYOFB444r0XwR8N9b8M+Hdc8Lz3dmfDV3bSx2SrNJLc6e80ZEseCgDxh3crz174rvf7WsVvIrVr22W5aQQpC0yh9x6IB13EYwO4qlY+JTs1ee/m06GysrjbHLBdCRRCqqd02cCNiWPyk9171IjyLVvgH4u1/w8dLvtd0R4k0e102zWS2nlWzlh6yRAkfNIFXc5wwxtGQc12Gv/DPXPEGseKbqTWNK3a/oMWiuwhl+Vk8zMoGfukzSY7jatdRceKobk6L/AGRqWi3KXt2bY/aLzmXCsSsOwEtIHCjByMEndkCuc8K/Ee88Q+BbDWL260XRry41mTTvLuJWWCRI7poSkeW3GVgPlzxkc8CrC5geJ/gTrXie80S7HiWxsW03TraxMK2MrRXSwyrL+8XeMoxCgjPQH6VpxfA29TwzrHh9/FxNjq2sNqVzGNNSMSIxDNAQso+RyOQCMINoxkg9lp/xJ8K3+q2+mWviLTLjULicwQ2qThi8ijLRjtuGD8ueQrVJpnxC8OateXFjZ6zbS3NvDJNLEpbAjRtrtnGGCtnJGcY5oGX/AA/o97otvLDe6kuou7LsWO2NskCKiqqLHubC8Z+9/F9K1wvrXHab8SfD3iG9TQ9M1gw6tdwPPbL9jlU+WAf3o3xqpXI44wcVo+B/Fh8U6berOiQ6npd7Npl+kWdhniIDMmeQjBlYZ5wR6GpuB0ykbcU0kU36cUxs5xSAdu5oCDrTVU7galVfWgCNVUt6UjgD604x5PHFAh9eadgEj9Ogp6qOaXye+aPJx0NIAGPSlUjmmbTnFPVfzp2ARmFNOCM04rTfL3fWkAzzMd6hNwc+3rVryQO1RSWu7ODigCJL75jxx2q7G24A5qrDbhcAnOKuKduBjigZMlOFN3AdKRZDQUSr94cVMFPB7VApxg1YViy1Yrkh6CnLUW4mpeRigYv4UZPUHnt9aTJprPhhQM88+HPg/WvCur+Mb7VI7GIa3q8mpwva3DO8QZVUoSyrgjaORnqcc81Qk8B+KdI8aa9eaPfaOui69dfbLpr6zc3djIyhX8nA2urAZCk4BwcHofU1O4nnBPekFuFOQAPpx+P196B3PIPEfwl8Qa83xHW3u9Hjg8V2sNrFIzymS3WNNgdgqY5BJIz1xRefCTxHc69f6g91oMkF3plnplxZ3UcssTRwMxYEGM43Bm+b+HAPavYmjBwCMjOeaRowCDjtigDxOH4F6jp3huy0rT9RsbZLbxBFriWcnnS29tHHgrbQsxDbSRncQAO1XfGXwm1fxRrHi67t9V06CDXtGTRws0MjSRqu8+aSGAY/OwK4HavWzGOmPl9KVoxu6Dk5Pv8AX1oFY8zj+GWsWOtaF4h03VbOPXbDTF0m7SS1le2uYl5UhQwaNlYDnPOcVlL8E73Tbrwvc6TrFrHNo8t7cyyXFu5F1cXW7ew2kbVBbhfUCvX/ACwWGRnHT2phjHPGD6jg0FHiXw5+Auq/DC/0m40nXrFI47c2+qWsdrKIr8BspIE3fJKqkru6kHnNdj8RPBF740sNKjs9Uhs5NPv47xo7u3ae3uAFYCORAw5BII7ZAruPLXptG30A4pJBu5PJ9T1oA8CT9nHVI9H1DSL3XtI1nSryaefybvSnR7aaWRnM8Dq+UdcgDHoK7HR/hveaT44tdYl1WO8to9FXRTHPAxuXUHd5hYttBLdvc969FKAZ9KiAUDjjPpQOxx/wv8D3nw/8Lw6Nd6nDqcVuTHbtDbGHbHkkBssdzH16DbxjNdZ61K/AJFRKwyc0DGNmkP3cU9mHbrTGx0707gQuvXmq0inNWmUdjTNvfNICj+FFWdo9KKABYtvNKaVR6nFNaNj06VBzjlj3A44pY84HFP8A4dpp6qNuMU7AMyG6U1V+bpxTmj25xQjE8AYFMBWXv2rzX4z29wkfgaVQwtIfE+ntdMp+VFJYIWz2D7B9SK9MdsKVPQjBqjrGmWmu6bdWF/ALmzuUKSxkkZB7gjkEHkMOQQCMVIHzb8QPD/h/WvHnxXs73T3vdbOnWJ0qOFZGlW6aByDGBwrh9vPQDPYmpdP8J31x4ovNI8X2Wvah4kW9tLyxu7GJPs0qJFGFcXXlsYwpEm9S4zkYByK9z8N+CoPDmt6pqsOoaldXN/HFDP8AaZkZf3Y2x7SqKeFJHJ56nJrpNzbuCyj/AGSR/noKdwPmLWPB8W7xte2vhq7l1F/F1jdadcw6XMW+zI0LSSxERn5PlkJIIDY6c10Fr4Ue40Xx7AdE1zT4L/xUt9YmxsGiuIoyITHdJGykuqtFkqBkgkelfQKxiQAH61IsZXGGPHA5pAfP8fh7xDZr8PrnV9Ha6utM8R3F9cahpentHutjHIonkjJBieRn3mMcgrnAxUWm+EvEMfwh0DSX8N6kmo23i1NUmt2hVWWAXj3BlBLAY8t1465ZhX0J9n2jIwO3Axn2qERjPAx796q4rHgml+BvEEWnaaF8KXUc0fjmbX3D+QgFoXdkcnzOoDAbeoGcVL4L8D+NNP8AF3h/WdT8LMIrLTtRtbu3bUrdYQ0hR1WCJThUYLxxlixLE9a9/wB2/rzk7j9fWpBxnHHT9OlAzyf4Y6N4k0nVrzUvEuiLaaxqzO2p6o15AYbW3VT5NtAEZvkX5Dk4GcntWz8J9JkjHizXnR4o/EetzalbxyZz5G1Y4nP++ELjPOG55rupoI5onjkjWSNxtaNhlWX+6R0I9ulPjjCsMDAxgBeAB6YqQHKvrS7QO1K3C8UDmnYBtO7UbR6U7HtVaAManLTSDmn/AHVzSAMe1NGec1JxTe+KQAtL/OlGMUm7mi4DTnrTol70UFio4pAI/JxS7V288mkKlsGm7cNmgBdq9MU4AdKF5p3AHvQMcvUVIiq3GKjX3GamjUcHpQMXbtYDFSKwFHXvmk2jcKq4WJFHOaexOKYvSnnnii4xaiZSXzUyj1pdoPai47kSrU3KrShR2FGCTimIcvNEie9Nzto3c0FjeRSfhTnao1k9aBXFIHpUTCpZJAKY33eKBkLN81Iygrx1pGzyTTSxA60AMmUquc1BxU5bPWoJFy2RQO5E7HoTULdakkzTMetAXGr696jZtx4qXb2HFRCPaxNAXI2bHWkJ7ildQzYpjZUdeKVxi0VHvopgWVWl/iooqDnAru5NSL0ooqwGd6cqhC3GaKKQDZl3D0oWMFcHkHiiipAfMu4Ank8Yz27cUhX5etFFACx+lPYYYCiigB68jB6VEflbiiigA3bZMYqf0ooqgF/hpcbRxRRUgM3E8GnLRRVgOzik8w0UUAN8z5iCM0/OUFFFAAfvcUm7miikBI33aj96KKkBd3HrTs/LmiigBu8lqCSe9FFADx93IOMUp5xRRQA8/LgjimzSFVoooGOjmbYT7VKrM21s445FFFBRI7kAY4qbdt560UUASI25elK3DDFFFAxVYg880vmY5xRRVljGk3HpUfmc0UUEiOx/TNRRsWJFFFBJXuLhvMCjirSk7RRRQWRSE4OOKq+cW28cEUUUAMM3JGKf/ATRRQBXkf5ScVGW+QnHaiigCMSZ2nHUUxpMdBRRSAgkkPPFQeYWxRRUlBRRRVgf/9k=)

Важнейшей причиной развития резистентности к β-лактамным антибиотикам у бактерий является индукция секреции β-лактамаз. Этот процесс очень важен с клинической точки зрения. Фермент β-лактамаза вырабатывается генетическим кодом в хромосомах или путем образования резистентной плазмиды. β-лактамазы были классифицированы Сайксом и Мэтью:

1) Хромосомные (код с генетической информацией) β-лактамазы.

а) β-лактамазы I типа активны в отношении цефалоспоринов (цефалоспориназ)

б) β-лактамазы II типа активны в отношении пенициллинов (пенициллиназ)

в) β-лактамазы IV типа активны как в отношении пенициллинов, так и в отношении цефалоспоринов (лактамазы полиморф-1).

2) β-лактамазы, кодируемые резистентной плазмидой

а) β-лактамазы III типа активны в отношении пенициллина, цефалоспорина и монобактамов (полиморф-2-лактамазы)

б) β-лактамазы типа V активны в отношении пенициллина, цефалоспорина, монобактама и изоксазолилпенициллинов (мультифункциональные лактамазы).

Обычно лактамазы грам(+) бактерий локализуются внутри капсида и вне капсида, а у грам(-) бактерий локализуются в периплазматической части капсулы и бактериальной стенки по краю внутренней мембраны. В то время как грам(+) бактерии секретируют β-лактамазу, синтезированную в цитоплазме, непосредственно в окружающую среду, у грам(-) бактерий β-лактамаза высвобождается только при делении бактериальной клетки или вводится в инфекционную среду. Поэтому очень трудно лечить инфекционных больных, вызванных этими бактериями.

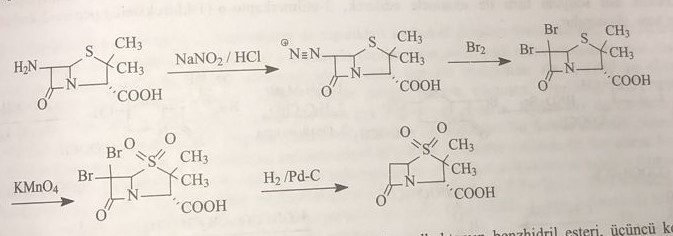
Устойчивость производных пенициллина к действию β-лактамаз обеспечивается защитой β-лактамного кольца со стерической точки зрения или сочетанием препарата с активным соединением, специфичным к β-лактамазе. Наиболее важные из этих соединений-ингибиторов β-лактамазы перечислены в таблице.

![Diagram, text

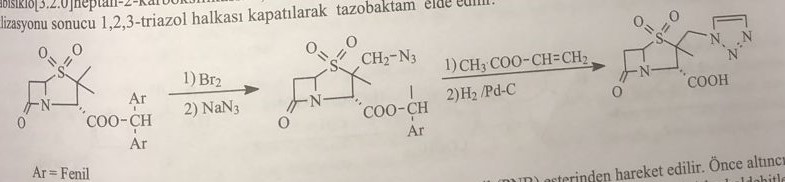
Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4Sr8RXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjM5OjI5AAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAM5MwAAkpIAAgAAAAM5MwAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NTo0OAAyMDIzOjAyOjI2IDIzOjU1OjQ4AAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAGVAAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAiwEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A6V5Ehg3ucKFz+lUJJ7i+iK2qlEyVZ2O3txjvUs3JUtrdLp5mLSTtwVTPpjoP61oxLN5YWOJIgOBuOcfgP8aQFhIXI+e4cnvtAA/z+NSpZW/VkMn/AF0YsPyPFICwkMSDCQov0UCrC5A4UUAPXdnkcU7DZ9qADkdaaucnI+lADTuz0ppAPVB+VAETxRMcNAjD3UGo2tLUjIgVP9wbT+lAEX2WIfdaZfT96x/mTQbc9riXH4f4UAQTNJAyKbyNd5wvmR5z+RFP3XIA4if3DkZ/DH9aBiF58/6jd/usP64qNrgr9+CVfom7/wBBzQAfaISMk7f94EH9aTzoG4Eik/7woAdtBxhjRjnrQAd+tNIbPagA57im5/2aBiE+1N3DPSgCtdQxSJH5o3AHhP7x9KieVFlihmfaZTtWNDj8zVMgvxhIUwAqRr+AFPFym35A0hPQIOv49P1pDJozOVyIVHszc/p/jUyR3Ln5plUf9M05/Mk/ypATpbNn5ppW/wCBAfyAqT7ICTmSX/v63+NAC/YE/i3N/vOx/rS/2dbkcwofqKAEOmWx6QRj6LQNPhB4XH0JFACmyTPDSj6Sv/jTfsuDxJL/AN/CaAGNbSDlZpR9CD/MUwwXC8i4cn/bVSP0AoAZtux1aFh6eWR/U00tP0MUZ/4ER/SgCrcxi4KGayMnlnK7HHBxjviqH9k2gHC3kDbt3HJ7/wB3PHP6CgBbSxW1u0mN7LIFTaRIhyfcn1rR+0QM2BcR59N4zQMfznjnNI6BxtZQR3BFAFb7Jbg/Lboh9UXaf0pfITnDSD/toTQBBdyRWkIlluJUTcFyMHBJwOoqN7uNHA+3IG4yJEyRngZxjFAEglbbnz4HHHI469O5qTdOegj/AO+j/hSAazXA/wCWSt/uv/iBTPOmzg2sh99yf/FUxjb+N2tSI3EbcZc9hkZ/SqcVtDZr5pwuOs0o5/AdvxqmQOt7uO4vEjijknVWw0rAkKeefbp+tWEW+klje7mitlLLtjB5b5gcH6jjr3pAag1C3WXyt2W3bcD154/Q0g1mExRusch3gHG3tnH8/wCVIZML64ct5VpIeDgkEDv7e1OM2oeUxWA7izAHj5RgYPvzmgCVZtRJwbZVBHrnBz069MfzqcrdJ5skZVmKDbGzfKDg9OM+nWgCvnVEaQ+RGwLKVy3GMc9+OfrT2/tBhEVSJSJPnG/BK8+x9j1oAjll1Fbn5bdTHsbOG4z29/8A9fTilNzeNBKxtGSRVJXPIJ9Ov8qALi5YZKleeM459+KaVb1oAgmmaJlURPIzZwFx2+pFQmeRn8tYHDYBJYgBR/kUAQgy2qE3GWQDJcc4wOSfbrR9ttiobJ2nodh5/SgBkhuBG8i26nCkqpf5j6cYx+tQiV3mWKS3bYzY3Ecfxc8/QfnQBMbG3HKxIp9VUA037KueGb8HP+NIYjWz4+SaVPoQf5g0zy7hF4mDe7oCf0xTAZLDJLHslWJ1yDgp3HTvVV9NibJNpASQATvK8Dp2oAhbTLVT/wAeDA53Zjlz2x3Iqa0jSziMSxThc5G7Bx+RoAsCZAfuyf8AfBpDKmc/vP8Av23+FADb0P5StGm5gwGM9Bnk/gKzhDCZolvGaeUhjk/cz0/+t+dUyS/bC4ztdUiUkbVwMYI6fXNOxDbhWaeaQBQm3aOdmfbvn+XNIB6XloSoFozvnIXAOCSemT9enrVy1ubxmREsFjQKc5OADxx0+vbtSAmeO+KZjbBEmQHI6enHb605LPVHdXkuo0VSCAhz/ezn5eeq/l2oGSCxv925rxSxjVSQvcMTn8jThpU3mF/teMuHxs9ABjr7H86AJ5LK4knkYXrLG44j2fd+Uj19easQQmCBI2cyFeCx6mgQ87fSkYDNAxpAximZUjGaAM6689r63SBFIXLMzcDGCMZ9c4pCblbnPkKwKgFlb2PHP+FACzmV4HT7PJkqR1X/ABp0cMLBZBGm4D723mgBx64IpuB6UANbGelN4FIZUuftIlUwbSoGGUn9fwx+vtVczX67M26kZ+Yhvf8Aw/lQA03lyODaOOCQRk9qfFe7lbdDKCoXOV6549aYDX1GFIVlKttbnOOgpP7QtiWG45BwflNAB9vtcA7sEkDBHqcVMpjkQMuGU9CD1oAbdxl4tu5VXPzZ6YrPikYjbZQl2DcyMeOvP4UyS7DZSu6m4k3bdpGDggggj9RV9bSIghlL5zksc9euPTr2oAtRoDgbRgHI4qwirSGToBU2AD0oAXJxkD6U4ZxyKAFyfSg/SgQxiO60wtlsFfpQAxhn2puFB6UDKtvZpaDaJGYBFQZ9B3PqeeT7CpioPRqAGlfeqU9vcGYvHLhdowoOMHJyffIwPbFAEGzUlY/MjL5nGcfc44+vWrMIm8hDKMSY+bB70AO57imkcdKAKd1ZtNJ5iTNESmz5frnNVmsbndkXjH5uNy9BjkfjQMckN6u/fLG3yHZx0b34qMrqIOcxt8xOOxGOP1oACb8yR7oUZN3zkEcDn1P0qNnmBK/YxnfjdtyCM9eKBEXmowIbTiCMfei4z+VXbWRZI8LGUCnABGKBklxCsyqr5wDng9afGiooVQAo4AFNkkq9cetWExnBNIZOmAMDmplP+z+dAEobC7jgADJz2qTeAMllA9TQAhuoQ+xpk3EZAz1oN5ArbDKu4qWGOeB1/wD1UAI17AoyZQcqW+UE8DGen1FOa4RGIZsYXeSQcY+tAiMXkDzCNZBvwTtPH86f5in+JTnpzQAcFM5x+NLtXbjFAEZX5iDVX7RH9q+z7Gzu27u2du7H5UDHzMsUTM2dqgk49qgjKzKWG5SDgg9jQAuzA+9SbW9aADBpuDigBpz6Uw/SgYztyKTigBOOlNwKADgCm454NAEV3dRWkXmzNtXOM+9Z6Saje7RHGII8nLseSOgwPpzVEklraQW9zHeTSzTSgOFkPRexGOvrVuG/uJRuhsnb5QQc8HJ6Dtx160gL1sl+82+Ty4x5ZA4z82fTPoKd9lkSKJ3v87QUPUBiSPQ5zwR36mkA+KG3jkkWS/dy8eGBfgbRgn6/N0+lWFsrK9kJ3uzRZRufwP8ALtQBYGk2YLkxkl3LtlzycYz19qd/ZVplGEZDJnaQx4znPf3NADV0i1QgopUBWUqCcEEgn9R+pqR7KJ927cQy7SN5xj6UAQPpFtK8jSAkOu3AJHGcn8zUA0G0zJyw3uGG0AYwMY6c96ALFnpsNirLG8jAsWO4jqTnsBVgKVOO1AEU7xRIXkkWNR1ZjgCqc72U8Lf6RESw2h0YFvoP8KAIHZzOqSySxwxbSHIIEmR0Ynp/9f16TIQsvkxKML97aMBfb60AT4BppUelAxpXA6VHuFAEFzcx24Qtk7mC8Dp7n2qq2p2o3fOcqCSNpFACnULYsF39Qxz2460ourZskSqcDJ57ev0oGO3RE5V1P0NKNrgFTkEZFACNtXliB9TTflYZUgj1FADblWKDagds8A1SWJ45C11dkLncEzg496pkj1u1VT9hgaRuD0/vc5z/ADq8w1GXaIgkSlAWLdc9x3pAWU0+UyQyNcyFoicDAwcgj69/Wpl0aAxxofMxHnGXJ4Jz3pAWE0iyXB8nJClRlieD1HXpVuG1hg3eVGqbjzgdf85oAn2jpmjaMdaADApCB2oATbSbfegBhU+tIVPrQBQ1B1hjQuTuaRQoAyTyD/SoZp4vPttyOr78qWjIycbcc/736UAPN9a42vcQjPUO4H86q2KMlvutmDRmR/lJyPvnkGgC8cgcCkz3oGNz1zTDjPSgCnfGVRCYYhJ8+HU/3dp/riqhYklpNMGUz905zx9Bn0+tAEb3Fvj/AI8WVtrH5lAzxz/Kk3WQiBaDYso8vHPQdAfwNAFdHsH8uV4nVtglyWJK/X8c00ppuBsaZNiHaFHUA89vXjmgCwIYLyZmjnlDAAkdgMYB6dx/WrFvZ/ZmyJWYbQoB6AD0oAnukkeLZG2GbjPpxUMOnICHlJlfOct/n3NNiL8UaIAFUADsKtp9KALCA5qdVPrSAkC1IFoAcEFKIxQAuwU0oKAG7aaVoAbtxTWWgCj9nmkut0yAom4qfTkY/TPXuBUzwhiCQCR0JFABtOeaqXBkhdTEpw5w3ylgOPQc/jQBSivrlsCS3KE4znPU4yv1GTz7flNZ3bXULO0RjIIG3Oeqg/1/SgCfdn+Gg+uKBjDjpimcZxQAHbTSqkc80ARGGMnlV/KmNbQk/cQn/dFADVt4oyWREUnuFxmnY96AJW+lKB60xEyAZqyhWkBOrYqZSeOKAJBmnKxzQBIMkU7B9aQCHPrQQaYDCp9aaQfWgBCD600hqAGfMPSozKPM8sld56DPNADWk2gs2FUDJJPSo9wlQFTkeooAaML2oyM9KAEJANNyKAGsV60w7aBjSFppAoAbtFJgUAMKjFNKDNABcTxW6b5XCr6ms99Xd5mjs7Z59pALDIANMQnkatNAGmu1tem/byRyP54PfvWvaSx29vHC1yJpAMZZvmY5+vWgCaHUVkNvtjYecBjd/CSM4P5fnS2+oXks6A2h8orn5RzyqnqSB1J/KkBZE1zti/1gcOd4WPgrk+vsOx9Pxcxvvs8rQKDJ5gKCTGduVz/7N3oEIP7VIwPKGV6jGQ2R2ye2e9Twx332kPNIhj2kYz7j/wCvSAJILtraJVlUMu3c245OOvNQhNVwrCWIjnKtjgY+Xt1z1oAiuYtUEO7zdzKrE+Xxk7WwAPqV/KrgS7+2FmMfkbcYDcg569PT+VAFjA9aYVPrTGNKn1qpc22/dIjBJQMq3ocEfyJpAU/Oe6mFr5kR2qDLn/loCM/LU6vHATEiMcEliqlsEnPP1zmmBDcSySmNYJhGS5DEYyOPQj1x+YqNob9MkXCtgfxKP6AUgLIJaNWZcEjkUED0pgRyskaM7cKoyTiqxvbT/nvGOAeXA6jIoADd2+3cZVxnHB75x/OnhkPIOaBjCw/D1pOM9aAGlkLbd43emeabwRw360AR6iEMGHjMgyeO3Q9faq0P2yXywsK28atnBGOM+lMQ+eCxQ+XPcFcBmKKwUEMev4U+K8soJJBFCCd5V+ck5yc8+pBoEaUMkkgZhCVUIwXbH8ykNwOeM8Cny/bz5JVm2gJvwAMnIz/n0zSAEj1hljDTIo5BZcZ74JyD7f8A1qlt7TU0YGS9BUBQBjqR1J47+lAE8ljJMs/79UaZQNyp6Z5Oe/P6Ch9NmkBEl4xU7SAAQBgfX15/CgBTps26NvtznYQQCvXgg9/f9Oc0yXSZJbdo2u8scjeU5wdvv/s/rSAlmsrl44Ql6UZAd52/6zg9eePWgWU/kSR/asbx12njk9OeKACO3uRcxyNMoVYyhTBOeRg9euAfzq2QMUxlTUXSKylkdwiqMk5xVKQ2EjwhJ45FZ+gfcG46emckGkBaK29wMbo3B5yCKrabHLHZQfN5iugZmb7wJGefWgCae0Wd45H+9Gcrjt0/wqoWN28tm6/dGHJHDD2/OmBYhh8mFYgSQowCetKVb0oArXjrFbO8iblXBI/GsmWbTWA2oy/8tAUz/CfagBo/ssptaFk5DlctwR839adIunwwshichn8zaAc5PX6cHpQBB9ntrwbI3kVvJ2L8ozjJ54qb+x42BxPOu5SPlI46dOPb9aAHf2YAQfPlyAwyT/ep8NmLdyTK75Hf19aBk127xiMxxb2LYGe3vURhkmVBLN5bttO1PUHOKZJNbaVbRZ/dlycZLnOcdOOlacMCxj5EVR7DFAFpECjHTvUoUEHNICZUULTlUNxjigCXYPSnbR6UAMKHOQQKTYfUUgEKE0BMdaAFKjrimFR6UAZ1xE1xdJDJBugDg5yfQ8n15wMe+asy20cjqzoGKfdz25B/mB+VMZG1vCx5iQn3UVWuRJbqBBGWBBIUKSARjA46Z5/KkIgN5cJIq/ZnILAbsEcZPPsOB+Yq1ATLCkhXaWGSPSmMcVPrTcHsaAIypxUbR56gH6ikBGYFJwY0/wC+RTGtoyeYkOBgZUUwGCBI/mWJFPTgdqcFYCgYh3elGAaAIbtJ3RVtyFbPJJ6Cm2mnCJ1kklaSRc89Bz7UxGoi81YQUhEnQjNT8baAHjaAKnXpxQA6loAayKxyaTaKAEKA0gQD1/OgANRP99aQCNgiopXWOPe8gVcgEk468UwAKCoIOQRkGm455PSgBOc+1BoGNxUfNACGo24FADOhyaaW74NADMMxyenpSkGgBpFNIoGV728hsYhJKSNx2qAOpxn+lVf7RnubJJbS3lYvuyUKnbjIHU9Tgeo5piJGs7iQoZrp1RmGFZwDuBB6YwRweK1lvoASDIBg454/z1pCH/2naLE0iyCTABGAcHIyOenQj86na/jRrgKjt5Me/hT83BOP0/WgBn9qSAY+yu5P9zp97H/1/pT3vrooTFayDlwMg546cY70AWReXJnCCybaXK7skYABwent+tPL3UayHaZQXO3OMgfQD1z+FAFeO71ARjdZktvIOT0XIwffjPHtU++9MsJ8hFjKnzBvyQcdOlAis11ehmVrUsQzYx6ADn6dR35p6tcs0LGFlDIxZM9+Mc9u9Ay5tOOTSbR360AUVluTNIrWwKD7pHGfmYd/YD86Nr3LywzwgRAjBPO8c/4CgCPzpYLlLcw5iI4df4fQH8qsDDZHTNACYC8Ckz2NAxCKgZ2yfloAb5hP8NZy6vDIiswKKys2TzjbjOQPrQA7+0YDL5O4525Bx/k0r3kMW5GkXcCeKAAX1v5auZFAbJBJ6ike9twM+apwwU4PQmgBv222PImTHTrQlzDIyhJFYsNwGeSKAG3oiIjEqI3zgqH6A9Px61F/pc0J+UQq2AuWwRlfb3xTESsI02tJIirK6yfu1OScqBz9SPzqxJ9mwVeBmJk24ZsZ+6cj24FICG11Kw8qIJYjcygqDtICn3Pb8K1ory4mgjf7O8LGQAqylvlyfyOO/TkUAO+0X3m4SzG3eoO5uxxk59vx6VKwvttz5ancQNgdhtz7Ec4zjrj9aAGf8TWZsFRFGADkY3ZyOOuOlP26oXiLtHlW+cKcAjnp+nX39qBDXttScq3moG2MrfNgEkLg9PY/nUskep+RAI3iEgVhKSepxwRx6/5NAEtvHdK8pncMrfcAPTk+3pipuRxQMZls9KQ7s5oACMrzVaaCUvuim2cAHgH+f1oAhMc0TLJLIJEB5+XBH5VZwKAIZn8qKR9pO1S2PWmpIJI0kH8QzQA4kVG3rQMjbpxUH2S3PJt4skYPyD/PYUARtYWpk8wwIWwB07DpxSG2hZiXjUtknJ9cY/oKAI2sYGRU8lNq/dGOBSfYLbqYlzkH8R0oAY2n2pXHkqAcjj360qWcET744wrYxkelADrt5k2eTD5jEkf7vFVRp13cIPtF0U6Hag6EHP8AnrTEXINLhjcMSzcYIJ4PT/CtBLeEf8s15O7p39aQFmKGNYliVFEagALjgAVaRB6UASgCl7UAPXp0peOMigQEA0nQYoAYehpmfrQA0mmlqBiZphb60AMb51KnvVKaG3tmhcytGu/DZlIByD3z64oAYk9t9rlXJKoqkO77lz7En3FOE0RvEEUkZ3fe2sDng9R+A5oAsnGcU0gUARsBmmEgd6BjSR60jYxQA3BxwaQZ6EUABFNI4oAcetPFMCdOlSjtSETJ1qyvagB38WKkHSgB9NbrQITJoFADabQA00hoGNPSm0CGkVnBjJqjI5ysfKj04H+NAy7gZzUcgBQg/wA6AOfuLqdPL2yv8y8857Z/nVzSp5ZoZjI5YrOyjPYDFAFx+lRd6AAimsaBiE01HYsQTQArMcde9R72zjPfFAH/2f/hMehodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0b3JUb29sPldpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQ8L3htcDpDcmVhdG9yVG9vbD48eG1wOkNyZWF0ZURhdGU+MjAyMy0wMi0yNlQyMzo1NTo0OC45Mjg8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAMCAgMCAgMDAwMEAwMEBQgFBQQEBQoHBwYIDAoMDAsKCwsNDhIQDQ4RDgsLEBYQERMUFRUVDA8XGBYUGBIUFRT/2wBDAQMEBAUEBQkFBQkUDQsNFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBT/wAARCAGHAs8DASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD2azz9itwP7gqbBPWo7RcQRL221YxtzWc97nqLYjPy0ZGMseKGPykk4wM5xmucm8d6PbrO1xc+QkV41izMh4lAUkfT51GT/erMZsahqEOnrH50oRZHCr3Y/h6Dv7Vz3hTx0vifWtbs49OuLFNPaPZNdcecjkgMB2ztJHtiuU8d63qdp8TrGOxeHbZRWqPbTRli32i4KOwPYKqDnuM9Oa0/C0fiTXp9Vu4rMaBb3F7C0c1+gM9xBGwQAJztXy1GM93OMYqbBc5HxXJfTeH/AIwLLdT3JhubJEaTgxwlVZgAOgw7dOTgegrq/hzJqNnqWsmHTZbqy1jXrmb7YhASGJIl+c56gspArtNM8K2Gm6hrF+haebVpFluVnAZGVVCqu08YxntW5D5dtCiIqxxLwETgf98gc07AcTdeF59b8feK7Izm2sLjSrS3uNsJbzVLS7kRs8HB69ea9CktLaW0Fo9un2QIIxbMoKhBgAEdP4elUby+ttPhM17NDbRqM77h1Ufm2MH8awl+JGm3zGHRIb3xE44/4lkDPCDk8GVgEB/GgDtYgIo9kQWKNQDsQYGB04HpxgfSnQyfuwVDAE8Y4P5ZrlVPjXVlZYLLTNBtyB+9vZnuJgO/yRgKPxanx/D+5vMPrHinVL8n70Vm6WcRx2AT5vzapYHQ3etWmkxs95eW1oicF5plRV+ucY/OsOT4seHGbbbak+qy/d8vTYJLkn6bAwNXtL+HPhXS3WSPQbWW4DbhPdg3EufXdIWP5V1tvtVNiBYk/uooUfkKkDhf+Es1jUGRtL8Ga1Mf7195dmPY4dt36CrkcfxAu2G2y0DScj/l5upbh1/BFA/Wu0WJVzgAD+dTR4HQYx6cUAcLb+B/FdyzPc+Mls1b7y6dpajH0aRmJ/KrMPwtSUYvvFPiO+yef9NS3B/BEX+ZrtGmC4LU9bgHvwaAOTHwh8K8GfTri+K97y+uJc/gZCP0rQtPhr4StGDQ+FtJVv7z2iO35sCa3GkxyKcsxYjA+tABp+i6fp67bXT7O2HYR26D+laMW6PADbQOgAxVRZDt6YNN+0vuHPH0oGaTTS5/1zgH0Yimsf4txLD3NU/tBYUiyMxINAF+JifYmnsoXkmq1nMzKA3XNWLjmM4oEBYHlsEdqZ5gPAFVVVgpOafGrScYx70AWmbb8x5pquJOgwBUP3VI5PrT4WOGHTFAEzL046VBJcbW5yMVJ5pVueRWfeSM2SpwM9MUAX42LLkMTSMzDufwOKbaSq0fFSycKcUAMNxIP+WrH/gRqMzkt8zE/U1WMjbm7UyST54/x/pQBNNDDcZWWGGQH+/Gp/mKoXPg/QLtz5+iaXMT/wA9LOM5/wDHatNITjPalFwWzxkigDBk+GHg6ZT5vhTR9xP3ktFQ/wDjoFVJPhH4ObJTRVhb/phdzx/+guK6rzi2D0pWlCKW64oA5BvhLo0YBtL3XrBvSDWLjH5MzCom+FznabXxd4mtdpyC08cwz/wKM/zrqpLwyRtt+UinfaAsYJALYHagZyB8D+I7bd9n8c3EnOT9t0yB8/ipWo28P+OLdS0HiHQbs91m0+VCfxWQ/wAq7dboYHbNP3Bl60AcAg8f2zHdp3h2+GPuw3s0R/8AHoyP1qKLWPGNncZuPBrT8fN9j1WBv0baa9AZwrDJ6+tQSXCx45P507iOEuPGmoLMTc+DfEdsNp+ZLVJR+ayH+VVl+KGj2m37TDqlkpBz9q06ddp9/k/ka9GVyy5B6+/NJ9odSQJGU9+aQzg4fil4UuHVV8QWKEj/AJayiM5+jYNbVn4msNSVjaXtvOqAEtHKrA/rW1dWsN2p+0QQ3AOMiaNXH6iucvvh34WvLoy3Xh3SZC3JP2NFOfYqBigLGkl07OMFSpGf881P53y5Ixxnv/hXM/8ACpfCv3orCa0zn/j0v54cfgHxTJPhlBDgWniLxFaL2VbwTAfTzFb+lAzplulZsYHT1zT/ALUOmK5JvBviGD5bXxtcSDst5psMpH12baYuk+O7cME1Lw/fbegmtZ4GP12swFAXOuaZVXJ6UqyK3NcjJeeNo18ufwzpt2ev+hatgn8HjH86hk8Va3aq32jwXrSMvX7OIpwPxV/6UDOzfYQTUG1R9a5L/hZGmwxk3lpq+nMByLvS51UfiF5qG3+KXha5kVRr1irE42SzCM/k2CKAOx8pWOT17UjW4NZlvrlleAfZr62n75ilVh+eat/atyjDA56f/qxQBM0IUVB5IYmpPM8xc8/kf8OKjD7Wyf50AI1sVHynFMNu3GeasGcHtxSGUY9KAKjRlT0zQN2RirO4ccU4bT9aAKUpb6VF5jJ3Jq+zJyMfWmMqsQBQgKZmZh7+9NS4KuB+dXWhX2qA2q789DVMANwPSk87OSOKf5Izyc0Nb+hqQI45Cz9am3YqOOHYSaey/KaAGmQMQKcfuntUCxnzKlk+70oAZtGCSaTgdKhbP0FQtIyngnH0oKuWzzTv4RVRJjyKek7bsHoKBkzLmo2XpQs25qkbHU0AR7OMYpQvAzyAcgdqja4CnFH2gelACqu3O3jtSbTzk9aEm60jTc0ANKZYk8k9c85pCuDnv6/5+lSeYuKjWQMOTQgE2jg45xjOKUc/zoLr60KwzVAVrTH2WL/d4NQ6pqUGk2Mt3dSCOGMcnvk9AB3OcDHvVi2Xbbx8fwjFct4+tlmk8PTMSWi1W2CoThTmRcn0zgEfia3nuc/Q5z4heMJfMsRoV+ovbOeRp42B2bhbSSiNvU/JXP6X4L1Pxjql9NIDFp9zdOlyzkhY2c2krMAevEbLXVeHPhvm/wBRv9YVkSbUJLq3s4nz8uZUG8/7SuxA7ZPtXethT90Hk8AADJ6+n8xWYiC50uxutWXVXsoTfqpjW5YfMi5zsHtz39anWQlSOeOfmbAAHuTwK52fxc2oXD2vh+zOtXSvsefd5dpEw7PKe/8AsjJ44zRb+BX1qQz+I9RbUvmybK1BitFI6A/xPj3P4CkNC3PjrT/tjWenLPrl/nBt9NjMm0+jPwij6n1qeHT/ABZrfz3F5aeGLQnb5doBc3Pvlydin6A/h36Sxt4NNtVtrWCK2t16R26BEH4Cr6sG/LBpaFHOWPw10K1ZZ723n1q9HIuNWdpz9VVvkB/3RXW2zGONY1JRFGAqnAAqPjjA5qWM/nQBMvD5xz0z3/OneeAxBJP41GzEdKi8syTKenrSYFxWBfNS7huBHUVHFGfrVqO35zz+AzUgHms+ABVyP/V+9MjUKcKOfrz/ACqO81Sx0xd15fW1qO32iUR/Xk0AT7C3HXNTC33KAOorlrj4r+ELNgn9vWlxJnlbVjMfyQHNNj+J9jdMX07SNe1JP+elvpcwQ/8AAmAoA65bc4Oe1TxQkj0rjU8ba/dKxs/BGpE54N5cwQZ/N8/pVqPUPHlxgDw9pdgD/FcapuI/BIzQB1qw4UgdadHZh8gjmuKjPxAm3f6T4bsnDFdu2eY8d+i1N/Zvjd1BfxdpMYIOfI0kk/rN/SgZ2KW6/wAPPtUgt/Qc/QiuGj8MeJtoZvHMyPk58nSYB/MtQ/hLW5CGk8eayTnny4bVP5RmgdzuVh8tgCcfhj+dTkpIuFx7jP8A9euGPgO6Zh5njPxMytjOLmFP5RUq/DiHezN4o8VOc/8AQSC/yjoJO5W3Vl4B465x/jS+Wg43H9K4d/hvaM3PiDxQcf8AUYf+iil/4Vnp5UEa34lY9w2sS8/qKAO38uMD7w/Ej/GmbFXOP0I/xrim+F2nM4/4mniMHuP7YnP/ALMahuvhnYxthdW8SKMZ/wCQzOP50Adz5YZiNylh7j/Go5Ldd4/qRXDRfDW0aQuuu+JUcLnd/a0h/mKQ+AV87jxN4nQY/wCgl/ihoA7pLcK2EDZPoM1P5fy7STu/OuDTwHI2Nvi7xScf9PcbD9YqkXwLqY5Txtrkf/XSO2c/rFQB2MlqGbByPwxUS2a9SDkdK45vBviWM7h47vtp6ebp1sf6Cmnw74ytwGh8axSL3FzoyEf+OyCncDsTbk8cVH9lxkd65WTT/HkClx4j0GdeyPpcqH8xMaY8vj6CIDd4auX/ALx+0xf0IpAdZ9ndeOuaY0b8rjBrmI9Y8fKg3aFodzt6tFqjr+WYv50N4r8WRMfM8FrMR/z76tC36NtNAHQNZybWOc+1LHauy7iMVzcnjzV4FJn8D63D6+W0Ew/SQGmxfFK3jT/StB8Q259W0mVx+abqBnSzxENwOacu7aPWuUuPjD4ZiUm4ubqzb/p60+4i/wDQkAqSH4seDrgAjxJpqkjO2S6SM/kxBoHc6CZS2O9Q7Tznim2fiTRdQUPbarY3APTyrhGz+Oau7o5CArq3GfvA/qM0ElHy2jjDbjuzz9KXcz8g81dRkmX5SGHTt/jTfKVn+Xk+3P8AKgZEHCnDVBcYY5Jqz9nDElj81RvD1GcGgdyJZflBU0s0gK57/n+nfrSLblckHNJJEzd+xJBHb+XFAXPKbT4p61d/EDxZ4aNtpflaGIcTXE0kYm83G0BSDhssuM8Gu8sfE1tNp9g1/wCTpl7cwiQWNxMgZHIwVAyCcNkcDsK8zj+D93qHxb8Ta9q+nxSaXqUVuLS4W4WR4ZIWjIfHBBPlnj39qzPi74B1y88ReL9QttPuNSXW9BhtdOa2Te1tdJKmRkEmMkAkN7mgR7s0i9CcDGSjDGFwOTnpz/OoAqtuDBsLwcHO39K8JXwfdaz8Xxa62b63jl8O2puZLWV4I3vY2QncwABI5J7GuT8beI9c8P6l49utP8QanbnT/ENnHZxG8ZovJkJEoCsDuwRQO59Ry3UenwyTyTi3jjTe8jtsUKCBkn05pkgtNWg2zLb3ar8pE4R16Dg5JG49ce4r518S+N9asvC/xZsjf/2omh3UP2dr2JHEkEu0MjhcZXk4PUYqDxFrUk/hP4u6dDbQWsdvYWmqW01qjRyGSRYtwJ3HkcD5cU7C5j3a7+Hvhe9kzceHNNZ+vFokZB9MqOv0qlJ8LPDpYvb295p79vsOoXEWP++WxWh4RuJLjwtosshLtJYW7ljyWzEpzn15rYeQBMkdKRRyH/Cu/LYmz8S+ILYD+FrlLnH/AH8jJ/M0yXwp4kjkb7L4wjZQOFvdMjYk+7I6/wAq6l7jzFPHHvSxzEqBk4HbPFAHLpZeOLcAefoF8ABjInhz+OGFMfUvF9qyi48MW065wWtNVj5+gkVP511cknHt6YpySDaCOPpxQK5xzeK9Vsxi68J62o3ctDbpOMexRyPyzVf/AIWVpEJY3cep6eQePtOmzoB9fkx+td0sp5IJH0NKs0m4/vHH/AjQM4yD4j+GJuV1/TwSOkkwQ/8AfLYNa8GsWV4Ee2vYJ1IzmORWH860rqCC6ys1tBOrcETQq+fzBrDuvh94XvctN4e0wt/eS1RG/NQDQBrLJ5gJDZI7Dv8ASnI77j8rAem3mudX4X+GlU+TbXll6/ZNQuI/5MRUbfDpI1Js/EWvW3puuknx+Dxn9TTuB0zSjnjFRmcJiudk8K6/GuLXxe7gfw3emROfxKEUxdL8awKdt/oV6v8A00tp4j+YZh/KkB03mjbkGn7ty5Fcp53jGGPLaPpN1t7W2pFSfweMY/Onx+IdejXM3g3Uvf7PcW8o/SQH9KAOl3DnNCsrNg1y0njZlTM+ga9akfeLac8ij8UzUMPxO8PRttuL17Zu4uLWaMj/AL6TH60Adc+0ZXGRTVVO4GKwofH3hq6UeVrmnHP967jU/kTmrVvq9necxXkMo9Y5UYH9aANJoR+BpPJVaRnzGCCCB07f1qHzuQGOP8/hSKuTG1HBHahlG0gmo/tQ3bdwP0IP8qW3YyM2en0ouBGbM9c5pfsv51PJIsa1A03zj0ouFxrQNg1G8LYGBz3q19pHSkdl27gaYyp5L85B/Co2hZVOAavLKm3OajWcM+BwaAKDBiF+Ug1LGjK2CcCrrFWODik2gt1p3Ar2ufIj/wB0VDfWcN20XnxiXyX86MN91XHRj7jNWbY7Y4xjjaKyPEmpXFq0Fnp8H2nUrgkxB+IowMbpHP8AdXI475FdE9znT0Ita1+10IR+dumu5SWhs7dd00zf7KenPU8DNZS+Gb/xMqzeIpDBYn7mj2jHy/XEz5y59VHHPOeKu2dhY+E7W41K+vGmvGUvPqEx+cgAkhQegA3fKMcYql4i+I2jaDp32g3MbSyxxSQxSNs4lYKjMx4UfNnmswNmbWtK0a4stM863tZJWeG3togFjyqbynH3QFHetW3dZo1dWVxxhwc7hjgg+nPbjivn3xhqOoX2pSy6ZYW76hHrN4nkqzOJV+xIWUnPLHdjjC89K960OU3Wj2cps207dEp+yzY3w/KPk47DFIC1uJkx71ZjjKtxTFhBwSMHt7/5+lZWpeOtF0y5Fn9qa71Hk/Y7GNrib6bEBI/HFIo6EErip1Vgw3blJ6dP5VxketeKtaX/AEDRLfRo8/67WZwXA9fJiyfwLCppPCF/qAzrniXUb4nn7Lp22ygb2yCZG/Ej9aBnRap4j0rQYy+p6jb2Ax0ncLnHoM81iR/Eex1DaNH03VNcZs/PZ2bhMeod9qn86s6R4L0PRWVrTR7ZJ+G+0yxebK3Pd2y3cnr2rpoFeRVJ+YcY9OlJiObj1DxnfEfZND0/SYm5D6telnx6lI1OP++qcNE8U3Slr7xclsp58vStOSPj0Dys2fyrr44tg4GN3XbxT1tTuDAkH2OKkDkF+HFjPGp1DUta1Z2O4/aNRkVSD22x7F/StPT/AIe+FtOkDxeG9MMg/jlgErfiXzmujW13ckc9z3q2luGxntQBXsVSzj8uziS1QdFgQRgfTAFWX8yRcOzE+5qxHCF7U5ly3NAFVbdmTafu55FaMalowCP6U2NQcDFTrhaAKV1ZmSRXB2kd6ma3eRdoc4+tWW5xR5o6YoArLpp4O6nNpwbu3vVyP3NSKw3YBoAp/ZegH6inLauf4jirrLnFRu/lsAKAIvsu48jNLJZkR5GBirUbK2Oeae0fvxQBnrbFgGIyacbMPkng/SrEcygYPB7U5ZAxxmgCl9hTHNIbNS2ep6Ved1HU1FvWgCstmFYEdfzpwt+uWxUqyfMfQU8MrZIoArNbYjKo2CfSo2tjwoAC/TrV3I5OcYpmV5PegCs0LgALziq7QOxOenetBfmJxUcjeWc4zQBn/ZSvG0Y+lNktWbBzWmcNz0poQM1AGU1qWU5FQMrqR97H1rcZQpweRUMkaucYoAzGSQKcZweKhvLOOSMCaCOZMY2yRhh+RFbGwD5abNAJBg8igDjrzwP4b1BV+0+HdJl9N1jED+YWs2X4X+Fnb5NEhtvX7LJJDj/vlhXeGFVXb0FM+xjs2R6UAcE3w30tci3vdes8dDDrFxgf8BZmH6U3/hB9Rh3fZfGHiGPHRpTDOB/31F/Wu8a1TkEAVA1ipbOAT9KAOKXw/wCK7Zcw+MkmYf8AP1pMbZ/FHX+VN3ePLdmH2vw9ejtviuIG/wDZhXayWpxgVA1qynrk96AOP/t7xzZxt5vhzTb0LyzWup7T+Txj+dDfEDU41Xz/AARrA45a1lgnA4wfuvnv6fyrrpLcvnIycYNVorVo+nHagDmF+J2n28w+1aTrtiB82+bSpiAf95QRSx/F7whPMEfXLeB+mLlWjPpyGArq41lh5Dvgdtxpjb5m+f51P8LjcPyNAGfY+LtEvlxZ6zY3Cqc7Y7hG+mRu/nVmWystQXbJa2d4rDpJEkmQPqDz71m6l4Q0TUm3Xmh6Zcns0lnGSPXB259KypPhb4UbLJo0du2PvWs0sJB/4AwoGbr+FdDuIb9G0mx8u+TyrtRbIDMvo2Dz7elc83wg8JeTqEEOkizg1CAW10tvM4MqAgqCSx6YHPWnD4c2UbA22reIbMY/5ZanKwH0Vywph8J6vbs32XxprBRfurdwwTD/ANAU/wA6AZ0Wi6Lb6Dptrp1o7fZrWJYYlkbcyoowoJ74Aq5NDmP71cjHp/jGHlfEOmXKjot5proPzSQfoKVNR8Z2qtvstDviCP8AU3csWfwZG/nQCOpa1yuAeKj+zsvHauch8XeJYd5u/B0kgycfYdRgkP5OUP8AOm/8LCkjUef4Y8Q2+PvkWXmgfihYGgdzo5ITJGwHWoEyPlrBb4reG4XxPcXVke/2uymhx9SUxU9r488L38gWHX9OZjyoNyo/PJ/oKBG2qkE0EN16UtvfWdwN0N1DIh6MsikH6VNwyjpg9CMn+lA7lbng0jSBcAirKoEzwSO+4EVDJGMjPzfjQMqGUqx4pyzFsZ5qWSEY4HNMWEr1HNAA03GKdGwf+FfyFNeEsvpSQo0ec9KAHs23IP4UiyDqeT9KJI9wzUXlmgCVpdozu2gdTzgVm2virTtS+0C01a3uVtztuFSdW8k88OATtHB61cbdGu9VLMh3DA5+n+fSvma51XUdD8cfEdraH7b4dj1hJtVjgGZzbnfwp/uD+Lv0x3oA+kxBYXsQb7PaXkTAlXZElVvocYIrLuvAfhm7m3TeHNLLcfdtUQk/UD61yGq+Ln0m88FWmgvajRdXWeGNRCTt2Ql0KkYHXrn0rlLDxrqHi7VPhjq07ta/2s9/bXcNpO4icqhVSBnsUOD1BJoFc9Nk+GvhpZD5em/ZSOM2l1PDz+DDvS/8K/sCuLfVddtCOnlapIw/J91ebeA/ipqeh/DHRri/hudUlY3gkuJ5yqr5UjkIXIPzFc7V77TzXUXfxs0m0h0+UafqFwmoaa2qQNFHGcQqoLbsuCCuemKQzdXwZdQqfL8V60T285YJQPzjzRH4b8SQ42eKg6Zzm40xWz/3yVqjqXxIsZrCRdKkb7bLpL6vatNCWhkjUFsMRgDPTr3qn4V+Jmm6loejy399b2eo3GmDU5oijRp5QGZHDHIKqcjg9hSsO5sSaT4wViE1XQ7kdlltJosj3IkNI9v4wh2/uNDuP926lj/Lcn9a09G1611y0FxYXS3cOFDMoK4O0HBB74IP41pxuVyfu/7vFAjlo7jxYufN8O2jj1g1RDn8GUVHL4i1u3P77wfqJUHBaG5tXH/o3P6V1j3CqKezqy+o9Koq5xf/AAlF3CrGfw3r0Yz94We8f+OFqF8bWa/M9lq0Lf8ATTS5xj8dtdkqRgcKB+FNado/unH0oC5x0nxG0O3kHnXM0GSP9bazL/NBUsPxF8OTSP8A8TyxQD/npKq4/M11TXbOvzHJHrTmeOZSkqJKh5KuoYfkaBkcMY8lMjjaKjusKruQpKqSNwyPbPt/hViMHy4/9wVVvN4QlE8xsHC5xng8f/rroluzlWx4PL42u/FFvLPdTwTo0+VtDGc2zNaXBIB/iHGAW3Ve0/wHq2reHdV+0aTbym4+zi3kuR5vnwNFAuwL1Uqyk7j6Dpiuy8E/Du30PTLObUore61KNY8OM7Itisq9TgkB3yx9a15PFNxq1xNb+HrZdQljJE2oStstIjnkb/4z/sr6dTWdii3a6Lo3hWO4niWG0jzve6uHyxIG3duY8HAx8vYVS/4TK81wFPDWmNqKE4OpXhMFpn1DEFnP0HpzzSR+E7OFvt/iC5/tmaFA+++ULaQjsFi+6AP7xBPFdCt1E1qsvmL5LR+apJBXYBncB/dxzkCiwHO/8Ijc6o3ma/rVzfbiP9EtCbW2BGTg7TvYfVse3NdJodjp2mwPa6VbW1qsf34rRFDBjzlsd/rXm3jL4naNq3hLxKlhJd3n2S0huDNbkwedC8wXdHIQcjgg9D6VgaJ4mttF+MGv6detc2Gm6lq9uHvoABGHFopWJjgH5mzyMdKLAe1atr+m+HbH7Xql9BY2/Kh53IBOOcdT7k9ABVGbxvYN4hm0Kwjk1C+SASSNbsuxFeMsjZzkgjPzAcZX1rl/jR4T1zxld2FjpOmPK82nXkb3aThFi3KuEIPGG2jnGeOvJq1Z/B83PiTQ9cvvsdtd6bZRW5ezJaWbEATy3/hKhjkEjt6YoA5HwL4g1HVtX+FNrZ39xY6ff299dyLdv588jR7xiSTjOVyAuBjd619GpGOdvyjOK4Xw18K/D+h6foVt5U2pNoZkezuruX5k8xsuQEAGCQcZz0rqtW16z0GBJtQvIbGKQ7Ua4cJknoFBPPOOBzzUiRsRgDjrU6L8w9K5iHxjYf8ACT2+gkznUriD7VHGLd8eUMAyFiANoJAwOcsKvN4i+w6Gt/qSx6RIyttivZlwrBiArMDyTtP3emRmlYq50BYDHal8wdemPbOT0Ax/npXmXh34xade+G/D1zqswXWNUtWuUsrGF5GdQ7LlQoYgcAknjj3rfj+I2nLqVgDb3j6beX/9nW+rRoPIa5ywEY+bcAWQqGIHOfwLDudlHNyDjA7Z79qS6uks4JJ5pFigjUvJI5wqqBkkn2GT+FeU/B/xJNfR3Og2Trey6dqF6b64urhmkhh+0yLCAMEuzbWx2G05qxp/xE1PXLfxJbObbTdVs9PuZ00q9tJFlUpnaRuIE0ZVTll45GR0osB6fZXkd1Ck8LrLBIgljlQ5VlIyDn0IIP40+W+EazEAvLDH5jQpy+Oeg7g44714+PF2reJrXStJt9YtNAup/DVtqq3czJCkkkgIJwyuNibfujb1FSaeU/4T/wASzX+vTQ3t14XtZoJbe4MKOxE26WJWxx8oI44z1NID0a38Z28uuaDpctpfW8+r2slzCZodioI0Dsrns+Mnb9K2NNuJr2zea4s59OaOWRWSYAnYrFQ/BwAflPJryjw1q66he/Bi7u7w3Mr6ZefapmlJcyNaxgl2zwS4Iz1rJ0Uz2Oi6F9otrrUPDtl4o1BtShELzsYyzi3dkJLPHkhuhzjmgD1Xwj42h8TWusTyQDTk0zUJLCQyTrIpKKp3bwAADuHrjp3Fa6+INKto7eafUrSGG4BMcjzoqvgEkqSecY/+txXh9rot8lrqk+k+Hr+XRLbxbJqEmn29oYXntZIlUSRRyKNwSTDbSO3sK3E8DW4l8G3WmeFNSisI9elvpobyNHmjieFleR06ICzA7BweuM5yAema540ttL8Mr4it5INQ0KE5u57aQOUjyAXUg4OzOWBHQcVtSMFUsMyjaWXaQA4x2bPU/pn6V5I2m3OifCf4j2F3pU1gt9e3wsLZ4gPPS4CrCEAPVi2MdgSeld34f8F32jx6M1x4i1EtZ2sEMunIYvs0rpCFbcdm7k5yc5JHpigDAtde8b2Pivw7p+q2WgxQ6pJIXjtpZmmgijUs7En5SwAUcZHz16LqF9Bpuny3d1NHaW8Q3SySsdsfGcE/kB3JIrEs9HuJvHWp6xcoEs4LOOzsfnBJ3Zkmcf3c/u199v1rmfFnwov9U8K31np/iHUtSvfOt7qG31SVXgLQTLJsIVcgMUxk5HPNADvGnxEjtfAvibV/D15Z3Op6LAbh7e6jcbADnDpwwyvfOOlbkPjLSlZ1uNQhjmt7VLm7TB/cqUD5b+7wc4z3Fcp438B+IfG7+KtV/s0Wd7qfh06OljJdROZJmdmZ2ZXIKoGwM8kA8cVF4b8D+KNA8K6/4Yu9HTWdHvLbfEbi9jE5leMebBKdw3ANnY4PA/CgDtbXxho9xYXF79ujW2tnSOaSbKLGzKGUNkZJI5wB/FxVnQ9asPEVrJPp9yt1HFL5MmzIdXAB2lcZBwQeRXlbfD3xY1gxgMtxb6bq9jqen6bq00ZubhYlIkgaZWO5R/Az+hGRXUWfg3UNU8UeKNcubm+8LR6uloqLaSRG4bylYNK330+bIUHJb5eccUCubXj3xWngfw7eah9la9uBG5gtIyd0jKhY/QKAWY9gPetHw3qUmseHdJ1Jolja+soboouSAXjVseuOT78e9cj4s+F2o6pY3k8HjHVJ759MlsAk0FvKJgwJIztAUsNqkqASF56mp/CPg/xJb+CvDNvP4ou9LvLKzjS5ijsoHO5QuAeCflA2e4HOaAudRPrFnDfJZvd26XUgHl27SqJXz0wpIJJweKxvD3i46xqniWwntfsj6Pcxweb5u5JQ8SuGBKgDlgMHpXBeJ/Butf2P470R9Ju7nXb7VTqOjatFGTGFZ0aMebn935W1xgsM54B+asnWtL1ex+J2u6pe6Pea14cW+s5Lq0WzfF0wt1iFxGdn73y2BJjyAwYnkrQO57vDMjTFFdeRgEN15wCOMk59BilmY+WWYAL1PB7HGPbmvGNUbyfilb6hYRnU4J9Rs0+yyRNFcW/7tAktu+MNCATuRuhVqw/CPiT7P4/8PT2s728d4+p2Vza3kkruZOWiFy+NoO7JAAyoPJOaAPdNT1SDSbK4ubp/Kht4y7seSMDJ6de1RaRrVrrmm2mo6dOLiyuollhlX+JTnBx24qtp82tXOm6p/ben2OnhYmEbWl01wrAo2cgou3GB653dsVy3wx1C8s/gv4Tm0/TJtcuI7CGF7e3mSMrtBViC5xwV7n+KgDv9xPWk4znvRp8z3mn289xZy2FxIu6S2lZWaJv7uVJB/PvU7QoyjmgCo7DOc81H9obOCMCrn2dee9QyW3rQBX85WbpR5nzU5rPnIOaa1uVGetAAWDc1G8gFYPjDxNc+F4NKFppjard6leiyihEwiG4xyPkseB9ys1vFXiKPm48C6mOMkWlzbz+/GJAT+VAHXhwaABnIGc8VxrfEH7KA154Z8TWK5ALSaRJIB2ydhPAyKoW/jPXPHFur+E9NWy02Tga1rXyA9iY4R87YweoHbrQBpfEDxNc+HG0CxslQXmtaktglxMMpAuxndyB1IVTgetV316/8M+LtG0TU511C21iOZbO68ny5BPEAzI+PlIKHIIA+6asXXgU6potnaX2q3F1qVncre22pSRrG0c69CEUYK8kbepBNNn8I3d54l0nWNWu7eU6TFKtpbWkTInmyIEeVyScnA4jGPvNQB0pYY4O4evb/ADjH500qpXpXKWvjCfR71NP8UW8WmTTSEW18jkWd1nou4/6t/wDZb2xmt5dYsPOkg+323mo21l85Mj2Izw3qPp60AXfLVl5FMaFTxik88NtC/vMngpg/1p0bbSd4KgHJzwcen1/wNAEMlsI164zwPX/69VWsmVypB/L9a5m88Q3/AI6vJNN8LT/ZtNgcxX3iBV3AMPvQ2+eHf1blRUy+Db+H/j08Z6xEVGAJ1trjOPqgJ/A0AbwsxHGWLBBnk9MDuT6ADPNRQ+VdK8kU0coHVlIcDHuD6YP4+1cZ8S7HWLP4c3kdxqkuo4v7drqeKEQSCy81PMUqhztIyD9ak8XfZtB8ReCZ9Ggt4ftupLaTx2saqk1o0TkkqOCEwhzwRnrzQB2DQvIyruZ8gED72foOaPJY5ySpH909Pw7V4k2pXuj/AAr8am1ttSjmstSv/K1C3u1VV8u4wo5k3YC/Ljv9a91sUWGxt0VmkXy1+aRi5PHdjnP50DKyedGxPmyc/wC0aq3mlWl8pFxZWtwD186BHJ/MVtbeOlMaMHtQFjibr4e+F5mZm8OaeHbq0UIjP5riqv8AwrrRIl/0WO/s/X7LqFwoH4byP0ruXhVmIxions0bqqnHcikM5CHwdJES1p4l8QW4Hb7Qkqj8HjJ/WhfD/iOEt9n8XvIv9270yOT9VdSPyrrY7RI+NoPp7U57cnGQTRcZya2njO2O/wC3aDeoP4XgnhY/iN2PyNKNT8WQ26NJomm3c25ty22olVA4xjegJ7+ldUIPlbjH4YqFrYjnOKYHI/8ACWa5Gf8ASfCWoYzz9muLeUD8nB/Spx8QLaPK3Wh+ILXAzltKkcfmpNdH5LL/ABE04q6nIzn1oFc5Vfir4YZR5upfYiDjZdQSxN+O5AP1qxa/EDwzfSFIdf012HJAuY8/luzWzLvbcCSc9eetUrzRbK+BE+n2s7HvLAjY/MUDLa6haXCho57eUMONjhuKpTeHdKm87dpNi4uF2zf6On70HruIHP45qjdfD/w3eSKZ9A092AxlYFQ/muKqH4c+HCzGOyntD0xBqE8ePyencC3N8PfDVxY29mui28NrbzfaIo7cvH5T4wSpXBXI6gHBqjH8KfDlvHpS2tpPZLpU0k9mIJ2/du/3sBiQQeeOnNSp4Et40xb63rtvt6Bb8uAO/wB8NSzeFb+Ff3Hi3Vjj7qzQ28oH/jin9aQjCPwR8PyWVlafaNQjgtZriaMLNGSxmGJFIZSPx7dqjf4IwiHRkg1q5Qadpk2lw+fCrbo5UK8kEDIGMD2rej0nxRb5Efii3uIz3uNKGT+KyL/I0pXxnG2Rc6JcjrloZ4f0G4UDObt/g/d2LaF9j1qGWLTdJn0pVkt3XzI5FYLI2GOMZxjpxWRp/wAGtV0/+wlkutNvoNM0W60qZJncLcK5YjPAOBwOOmSa7Z9T8ZLKqvpWj3G09YdQdD+TQn+dSR+KPEUSAy+E5MK3DW2owvgj0BK0Ac18G9LutN0rWUkkkaxGoPFaJO4kkQIArgyADeu4fKf7oHNejrF8vvXMSeMr/KrN4V1qIrwNsccgAyTxtc+ppzfEK3t8+fpWtQYPJbTJSP0WgDfa3Zs56ULGV61hr8TPD7cyTXVuB/z1sZ1/mlQr8UPCzSFW1uzUj+/JsI/A4oA6faRgDjNRSKVU8ZNZ8PjTw/Mo2a3p7Z6f6THk/wDj1X49UsbiPMV5bSj/AGJQaAK7K2DkU5c4HHNWo2WXpyPUY/xpHVY8k9Px/wAKCrksa4hTJ42j+VZ+tala6PZtd3kght06t1JPYbe5Pp+lX41zGFHpx+QrN1XT7V76HUptzSWykxhxlYmP8YH97gAHqMn1roluzmWxgPpd34mYNrCPZ6ScbdLU4lkGBgTkdsY/dg455rbkuLXS7ePc0NpbxjbFGCAigKTtXjjAHQfnXF6p4gutc0vTNUsLp7fT5b2yWNU4Mu+Qbg5H8JUjjplq5zwvFqfxIWHUGvWlutO11MMCPLW2ki2SouBgrySO4xWdijU8V/EC11i11TQ7a1k+zy2eoRzXEw2sGigVyRH3UiQck9q5nQYtS1bxz4dNpb3eoRadZxW82xNqwh7AFU3/AHdu7nvnPtXpFr8LtKHiDUtXvZ5L5byWaSK03COKNJkRJEY4ywPlgYz2roNQ1q18OQ6faw2kztMwgtrWygJKhV+/8owFUYyfpRYDzzwv8EbiTQTaa7eRwR3GiW+l3FvZfO6BJmmL+YflGc4xjPWvTNM8G6NZzXdzHp0U91eTLcXE1wBK8sgXap+bjIXpgDGTiuUXxtrN54qtrKG209LePWW02W23PJMYhEJXuFbgYVWXPHfHXGL8HiaTw34i8Q6Zcw32pRW7W9xaRwo08y+d5mY+B0DRkgk5w2O1AG8PG2mjxNFoLSTG+mDNHthYRFlXcybumQoY46cVb17VntX02wtnMV7qNyLW3+XlBhmkY9uEVvbOKw9Rjnv/AB54bbTdSTfaySxX2lFUfyVeLLSthsq4OxcZ7n3qDVdB1PQ9W8L6zfazJq8djfSpct9nSNYI5Ymj3AKckB8ZznsegNIC3PpOs2fjzQ7yPW7qRZJJ/tWngAWq2kaHGABkNv8ALBPq5x0rK+JGuWPijwH5umStdJbazp4897WVV3+evRnRQ2MnOPWursPCWqt4gn1e78RM9rJKsqWVrbbR5Kn93G0jE8ZySBjJz2xjX1zSbDxAkcGq2yX9vG4kEc24xhgchiAccds5x7UgONZZ7P43aamr6lb3DTaHeRhIYzAqgyxkjJctuOHxz/DxWL8PbHWtPtfBV62iX2raUlnqFjNbpFumt5nuCyTFJCNwMYwWycA17DAII33R28aNgAkIAeOgz1x1/M+tWkbc37wbyeuVPT+vWlcDzf4X+C/Eug3Xgi51CxisV0fSbqyuU+1KZA0sism0DPQADB9cVr6D8L5NJ0+w0W61GG80LTdROpWUKQsLniQyIjksBsV2Ykjk+tdhb6pZyRyXEd3E0UEhjllZ1CxuvUEk9sjH4+lVb7xfouhxwtqGq2tsJojNGrzjdKijlkXq4x6etMDB0L4Q6dot5b6mmqXo1GC5ubhp7RUhDidt0kDDDB48ngH39Bjc0/4e6NZxymX7dfL9nksw93O7tHC5BeNWGCA2Fzzn5QOlaml6pa65ptpe2Nwl3aXEYeCaMhldSCQevBxnjsV964zVrXxHpvi7w7NDr0txLqGom3uNFWFRAlmFcswON+9FUEndjcdo9KCrnUv4K8Mz2Om2lzothc2umqBZrdIJfIGMAKz5IH41tNHbzSiZreGSZU2CR4lLKpGCoOOn+Ned/E/VdOvfh74strbUrd7210ue48u3uR5kRRQQzYIIwxBPXB4xTfDfjW71jwffa3p4s20uztvJt5LqYxtLNGgDmQtgIobPJySPwpAenWsoUKqRpGsa4UKgCqM9sYx1pkviK3k1U6W2op/abW5nWzac+YYgwG7GOmfyrxu++KGv23hvxncwfYPtmh/Y5IZpbKRBJHKAW/dNJuwCDh84Iwcc1r6t4b8QS/Ffw3Zt4jii1W50fUM6hbWKhkjEsJEYRic45AY9QT6UWA9YjmeR2PmOxyT8pPJzk4qhfeJLHT9a0zSp5XW+1IyC3jWNmB2LuYlgNoOPXn8q8u8H+ONe8Wal4a0LVb9tP+1xagkmoWCrC981tN5abMqQNy5kOOuOK5vxB4u8R/2d4LvWii1rWdM1zVbC1dl8oXkccUirMF4GSMDA+8fTHJYD3+SGCa7ilmijlltz5iGVc+WegbHPOOM0y61BodUFr9lumBheZp1jLRxlQvyM398g8D2ryjVtdj1LwX4cuvDPiGTWDNK801jqGoNbz3+2L54t4I8iRWbcE4U4HWrvhXxVHceOPhncQ6nqEVreaHdtLZ31wQS8ezazjIBYneMnrge1FgO10Lxtb+JND07VrCxv7q3vbh7bZJCFkgCu6s7gt8qBlPPuOKl8N+LbfxVPq0UEF1byaZfPp0qXeFbzECtuByR0YEHjNeSaDq1ta+AfBE6aj5MsHjGaKVYrkojRtdzF/MAI3Jhl5I4yKht/EltY/EzxJ/a8vm+DpvE0kjzWszB4rpooxFJLtOWhJRxlfTnPFFgPoa3KSKOSpkOQrc5P8snnn0znrT5V2glW2jGR5ZGAM/eUjjGeOPU1xnxc1G20/wCHrXbNcfZPtFshexn2AIZFBLSAErHz8z44VvU5Hlmk61cXGi+ItLTXYbVovE0UtmLgTrZSxNArrCWJ3JEzK4Bz2B43UWBnuN3PNZXlnbx2Nxcfa5CkktqmUgIUvmQ54U4wDzkipYZ7e8MklrOkpjlMbshBKyLjcpPqOM++a8b0fWo5JPha8v2nTS2t31jdWRvWkhkULKGZTk74hJjYSOgFdR8C7TT9Nh8U6ZCzJqEOv3oe3kkkcpD5reWxyeNw3c4ycd8UiT0ILiNgc7j379/8amVfkUk7m9e/51O6jaSB3puwdhQBWYNt+UFR7frUMYCs2eP89K0lGVOeaieFD7UDKqyO2cSOR0wWOKPmZySxPO7r3xjP1x3qz9nRANtN8vAYjg0DM+S3WaORGUOG4Icbsj8fpVbT9Lt9N+SC2ht0zuCRRqig+wAxWosOCTSeWN2TzQAyQcEn5j6k5qsWK9qvtyMVA0QNAFdct04qRl2rzSxxlWOakb5higChM3lgYHWo/MO3J5q1JHnIFVvLYN+uPX2PtQFziviThJPBk+wFk8R2yDjkb45l/rXXLIrc/jXBfFzxPpejL4Zhu72KG5g1mx1AwucP5Cy7GkYdlzJjPoK6ix8QaRfRlbXWLC4wQv7q5Rs5xg8Hv1oA2of9Yp4CkjJPpnp71wXwgYf8K50iMHHlNcRHHBG24lXH5AflW14s8aW3gnSrTVr2F20lrhIZL2Eh1g3ttUsvUru6kZwATUVje6Tot5p2i6fbyJHeLLc27wnzYWy2+Qhtx7yZz0wwx0oA3FUJwo2g9l4pzKuMYFJty2FJJHYg5pN+evFAFW7s7fUIHtLqCK6tZhtlgnXeki9wVPWvFPC/w3udRi1tYNN8MX1ta6td2kMerWMj3KIj/KplBJIAIAznpXuG75j8xUf3q474cKsd940QABV8Q3JAx2ZIm/rQBxtx8K9StSNvg3R2PB3aZr1zaMfwKAfrxU2l/DnUdTumtr6HXdA0XhryKXVheLdL2iWQMWjU85xjPHpXsIUdh9Kb5fzZIBI6EjkUAVLOxt7Gyhs7aCC3tbdfLit7cARxAfwqAABjPYdz60PG24YLdfU/l9ParDNjrz9TQzqB70AUZIWbKkK6EFWVhkMD1BHcexrLtPC2l6bc/aLXT4YbkAhZFBJQHrtz93t0xW/uzTGPOKAOOuPh5pVxoer6QouodP1R3kuoluHyzMcudzE4yf5Vv6da/ZbWKEM7xxqEVpCCxwAOSAB0A7VpbTuDAkEdwaQqGye56mgZCynbUKscnJH41bZRtxmofLGTigdypKTz3+lNWTcMVbaEEHHBqNbcDr1pMLjAp7UrfKoqbAWo5Y930qRjJCG4XrjOM81GzD6ex61j+MdW/wCEd8NX19vSKTasETyHaokkYImT2wWz/wABNcv4Q8ded4Hvr3Uphe3uiGS3v5LUb95j58wAYB3ptbg4G41Ymd62KF+YVxJ+KuhRmQ3A1CyEUKXTrcWMg/cMCfNO0NheDzkY963rjxZpOnXkdrc6hFFKVjkYYO0CThMtjADds4J9OtAjUMIZj2pu3a1c/pPixrm91q21H7NYyWOofYY33ttl/cpIpAYAk7WzgDGQQK07jVEiguJYEW9nhQyC1SdA7EDO05+7+PpQO5edV2VC0I3Z6fSkSR5o4mZCu4AhWHIyM4IB5GQeR6islfE1l9q0y2kM9vc6hM8FtFcQMpdkBJBPbIUn8qBms0I44BoS3HXGMVX03UYtStTcWzPJCHaPc0ZUkqcHg+9WhJu9/agCOS3BqOa39ByaslhxkYpu4M9O4FNbVuRnFH2M8nv9KuSME+ZunfA7etDfLweHHXByKQGb9hY5596aLZlbIyD7VoFh3OaXK0AU2Scjh2P4moGgaXIljD/74yP1rUUikZSeaAMKbRLC6YibTLGXP/PS2jP9Kz5vA/h12OfD2lse7C0jB/QV1LYXrg0igDPFAHFyfDfw1JkjRIEP/TN3T/0EimDwHoVqQUtryIdP3Wo3A/8AaldtsHp+lBhj44BoQDIeYgSMf/qqtqSiOzuJWbGyJjzk9vTueBx71f8A4Rn0H8qgunCopYKRn+Lp07+nfn2roluzHY8f+G/w1vbHQYILy6ni0eRrTUI7KbJmjuUQbkJ/hQlQce1drqmsWfgzR2GnaS00duoK2OnxqCqYJLE9OFXvycVWutQ1DVtWa0gl+w2ItJp3nXPnOAAFcegLEfULWHo/io6t4Xkurizmu9S1W7W2NvaxeZKVNvEWGOnRmOc4Bas7DJovEOp6p8QINMt9SMSx3MbjT1jAV7XyA8pfOSWBxgKQa2PHOl2mqX1hJa6pPaeI7dh9hjtbgAsDIocMvRhhSD24Hqakt/BJ1DUry+1BfsV013Bd2v2ORftNuUhVXVmxgqSCCB2+tatrHpXgfSWmldLeJS7PcsxLDezMQGIJHJOOw5osBzlj8P7+48Sarrdo39i6uuryz2dxIPNjurVkjR43jVs7fkOGJyMjFdr4d0mSHWNZ1d8pc37RxDggiKHcAeO5cyH8fepdVvhZaZqMwMbtb27XHksQOFHGRnkdM4HeuH8WX+oQ+BdH1q71m9tJHFrcv/ZsBURmR0Zt/BOxEJGSec0Aeg399pPhfTbm/uza6dbbt00qoAZGOfvbR8x6nByeKks/FFhe+Hv7ctLpJ9IMDTfaEBKbVBDZ6Y4VhjHXr1NP8SX2n6bZnUr1FljgffEGHyl2XaNobA5JxnnG7PauU03T7DVPh23hjTblbi41KzvIlu4kYwPOdzS7XwQF3y4GeoGM8GpAl0/xhqOvXP8AZsgXSry80watp9whEjiM8bZQRgOAU6cYYY6VyFv4816wbTdW8ubWRJ4R/tOe0aZYIhtkG+QADG4geldd4f0ua1uE1/Wk/sVbHQo9JSC5kUFmyrO2Mn5dyBV9ecVT8G/D2TVvCeiXU2ovZR3XhhNHkt0gBk2vhmbcSQvIIGR2OaAJ7jxlr2tX143huK1S20/7JPdSX7L5bLJGkjhm3BgBGwxtHJz0rKjvfE9/MNTt/EV1c6jbeLG0iLTYo0WKW281Q4YLyf3ZLbs8AE8Gu/tfhb4aOo2GovYy3d7bww23myTuFmEY2x+ciYRyM91p3gvwZ/wjl1rWpXK2U+oahqM19HcxRHzo1kwdhZhngccdsinoB5dodvYWejx6bFpN5PcR+JrwXUy2806wpukETPGQRISpwueOQTmt34ceF9as5Ph9cXXhi+jOkW1/b3LXUcaN85/dHls7euPQexFet+ZNJKSGbaO2eORj+VWVjZVG1Rj0xwOAP5AD8BSHY4XwH8NY4PB+iWPiSK5jvNPSSPybbUXWLBlLhmRGAbg960o/Cvi1vE1zqtz4h0y2glkUCO2smeWGAMD5SM0gC5HzFgCST14FdjCxGM5/M1YwFwQOR0PcfjSuBg+IfBOka5o+qacttbaauqRPBcXNnbxrK6OxLfNt5Jzn6nPWsnT/AIO6A8esQyTX0ttqsCW9/arKiRXJTGJSqrxKcDLcZxzmu4WEydSVz1wTUq2saqAoX8qQzl4Pg74XK6gbm2vL+S/ijhuWub+cmVUPy7juHzDgZHYADit3VvCOj6ytmL6wFw1mjRwO0rh41bG4bw24g4Gck9K1I0kj5K/LTnzL05p3Az7zw9pOrWNvp93pdncWNvjyLdoV2Q8Yygx8p5PI9TUl34d0yZbVZtMspFtRi33W6Hyec/Jx8vPpV+G3bb6VM0PygHmi4GG3h/S5LeSE6TY7JG3On2WPDH1IxyffrV+OzgLRuYYgYwFU+WOABgAccYq75PQjg0qw/LzRcBFEaL8kUYHfCCnLMQSQADz0AHXrThGeBnj6UvlFT1zRcBBI2DgkcbT7jGMUkkhliZDghuvA54xz+Q/KpRETxTGtznAPFFwYqYMKRFUKKoVV2jCgHIwO34ep9aazkOx7t1IqRU201493I4ouSQzZ25Bpqyc4OalNuSvWmfZ2PekBG1xyQAeKY0xbGO1TNbv5bYxn3qBbSTHJBJ9KB3JY23YBptzlFJAohhZGyelST52nC5PagLlaORWQZ4NG4c4NMWKRc5Xk00q3dcGgdxzSbegpu7f7GmNJsxuHFRtNtFACm5CMVPX1pfOA5H41UZTIc4pFzGCCOtAMuBg65BqGXEMckjBmVVZyqLliACSB+AP6Uy3VvMVQSQTyOpx0zjv1HeuF8KeLPEXjbw3L4n0tbFbBpZlstPlgdnuY4nZC3mhsKzbCQMYFBKOGutPv/GF01lfRG01rxofOvF2/PpuixElUweVd8geu5m9Bj1Ob4e+FJkRJfDOkTRoAFDWUZxj3x14z+IqPwvqumeNNNs/FOnRKG1K2UNORmXCsf3bN32tn8ea6CNgFwwyaCjk/E+hWun+H9MsNN0kmwh1G3Z7W0hLKsIkLSkgdtu44PXpXO6H4M1Twj8QtLsIQ1x4TSC7NjKS2+yaQRk25yMheMoeeMjtXpe9dxGM/5/z+QpJZvmz09fzzQBx3/Cv76Ji9p4x123z8wWUW84XJ94+B+PakHhnxZCpFv4whuf8AZu9KQ/mY3H9K7HzRjjpnPtQXz94k/WgDizp/jyDAS98N6iMgDfBcW/JIH3gz+/aqfgzT9V8O3WvXHiR9NsLjWNWVrWK2uGkVnMSJtyyqcny89O1d20ikEEDHp2qvcWtvdNHJNbRXDQt5kXmRhtr44I9OM8jmgCRCCMY/P/P4fhT8fLWNDfHw/oMM/iDVraSVH2veMohjdnkJWMDuQD2GTirGn+I9L1RZfseo2135Kb32SjKr/eYcFQR6+lAFiSMsagkWrFrqFvfLi2miuQON8TBlz1+8D6e1MkXk9wOc7SBj1PcGgCKPNG356kGBnkDvk56UgKnn+Z5oARj6VFv56VI33qFx3oAgdi2ag8xlzgVcZKiePpgUAM8zKg9DTWanNCWFM8kikMbuApfMG3GfpSNCSvHBqPyWA5OaVh3M3VdETV7/AE25luZFWxmMy26orJKxUqN2R2DHH1z1Axhat8OZLrV9du7K+S1i1jTxp91atZkoCFdRLkHk4cj8vSrPjnUrzQ/+EfuLW5+z28uqwW13uUMrRPkHJIOADjpg06PxnpT6ZHeu7xRzSNHDut2V5iOT5akbmG0E5APH4VQM52++HuqNFcLHf2UjS+GhoGXDx7SM4mJwcYyeKp33gHWl0nX7GJLO5h16zgimkknKm1niiEQkBKjcu0BxjkEe9djJ4w0KOGGabWLCFLhWli8ycLuVcbsbu4PGMetTal4ltLfSNQu7SaDVJre2a5+zQ3KB3ULuHOTjIHU+h6UEnn6+D9e0fx1da4unPqWnGaJVhnZGyvkpG9ygJ+V1ZDxgnB9TVWTwzfx3PiKMaPdy6dd2OoHbPasJoZGbKeXKB++DuQQPvDpnAIr0a11uPUNBj1OCIzGS2W6MFuQZDlN2BznvjJ5yM1egZ2QMY2ifqVK8qSMkEDp3PHqaBnkqrfWeteGLloLm4k8jTopbKVZYpUcYTdG2NuA2fMRuwBBptpqfkx6Es97LM1p4xuLZXmlJfyiJQpGcnOGHXgZ717A0kmCwZgO7D5h9P0psmJFUyqrhcBdwDAduM0DueUWeta1d3FhYw69JDJJ4lvtLlmWKF2aMK7RkKVxkEL0wDk12HgXUtR8ReD455buP+1A1xbNcGMbfMileMOVB77AcDsTjpW3eWOlKvm3Flp6KreZ5kkMa4bP3t2Pvc9evNTWdjZ6bDJDZW1vZxrJ5jRxKqKjMAN2M8Zz+OTQFzgIPiRftoN5fzW0Etzpdmx1G3VGXZdeb5Sxg54GQzc84K+tdR4a1DVNQa5jv7D7LJCyhJtrKk6kAkgZJGOQR9ME54vnRdNkTUkexiMepkteKyYE52hG3H1wo6fXrUGg+F9N8Lwyrp8c37wKgN1O0pVV+5GpYnaoG7gccmgZx+m+MNRurWxk1e2aGU+IJdMWSyu9qIyu6qXBUZHBHftS+BfEs1xHdaQTdalfWl7eJPN8rfZo1uHSMScjLEDhQCTt6VuXXgPT5GmaK+vbeOTUl1XyRIjokwYtjBXoWJJ/CqOk/DVdE15tVsdXmtLySeWa4ZLcD7QshzsJyOQclW6jnJoFcZH8StL+x3tzPBeWiWcEd3LHLFmQQu2A21S2BweDhhjkCrdv470q58pf9MSWQLiOSzlXy9z+Whc7ThWYHmudl+Ed1Hp95Z2+s2hN3pz6bJM9owbYWLLISG5IJOfXAx3rX8UeDNS1y4065t7u1t7+2SOMXaPIkkThyXAAB8xCP4GzyARigLjJvGNxFNp5tLi0vrebWf7OmYRvGyKc7RyfvAjB46EY71r2vjCwFtLLe6rpiL9qkgjaO4AXg8KQcEMBgn6iucv8AwVq3mXywR2rCTxFHqseyb7qLt3j7o+bCn1+97VXuPBuqzahLK2lwTwt4jGrRr5kbBYDHscYOOc846fkKAudJP4shGqaLbwrHc22qCURXkc6su5E3EADk55x/u1tR3aTNIqupaPJKowYgZxk/j/KvPNN8KaxZTaRGul3Cra61fTI8To4gt5VkEbYB4ALrkD0+tSfDvw3Po9/E19o+oWmoW1qbS6vpXX7NLgjDKF5Ynk88jPXmgZ6JubGD1HH1pnOeKnKhsnGPr16daaq7SaEA/naB7D+VY3i13i8M6o6dVt3bA68DPH6Vut/n8qr3Ucc1vLHIu9HUqy+q45H5VvLdmXY42Ox1O4vtXeO2FtbMqWsMkr/62NIgFC47bpGY/wC6K19N0uPwraXK2hd7fajCFE4LJGFxxzllXv6CpNU1rT/DGnpDLclfJixFbbw0rAfKBjPqRyfWvMdR1zUpP7fv9MuVh0m+V5GhGfPjzYCRXDgnAX5RgdzUWA9D1vxDp9tHFbtePbTNLAmyD53TfIqqp4wuScewxXAjWn1T4ZeJYjdtKukzTW82755fM+0tyxJ4UJtx2PPpW9Z+EdU1S+1CeK6mgsJri2uduoKCPMjkRyY3AyVYKvB6bhXS6L8NtF0kSvJb/briYMs0kw+WQGVpNpQfKwDMcEg/lQBxuo2c2r6pqN09pNb6rp95qUl3MyctamKRYkDZG5WBQjrjBrtdE0+XxN4T0OK31C0bQZdNt4rqGCIySSsEAZfMB2hemflzx1rqBIzLsP3MYC9selT20UcKqscccSrwqxoFA7cAfSkBQuvB+jalNLLfWK3yyzCcxXRMkSuE2DahO0AL7Y79ea24Y47WGOO3RIIkzsjiUKq+wA6D26Uxh8p7nue/506NMqKQ7D1+Zdv3lGPlbkcdOv0qVZDvLP8AMzDG7v8AnSxxhVORzSMpZhigLE6zKxPygnAHvU8eZWx0NV7eHbJ05q5bwnzA57UATx2/Qg4qby/mwai8zao2jvU4kDUrjJfsw21LHbhVpit8oqRZsKQKQFhFG0cVNGAM8c1XjkLVPH94UATNxHSxEY4FEn3TUMTHnAoAtswCk1D5x25qNt5ZcDPrUoiZuCKAFlnEce6mR3Bk246GmTQMwKjvTo7UptWgCzuCg45NPjkB570wIcY7UbDxQBL5lIz5zjrTGjPFJtYUCuLHIGGD96pGwo54qCKMrJkirEmGU0CIxIvbmlDAVEYyo4qOPeeooAmM4pm9cE9KjaLHbFNkj2gkjigCUOMcGq02oCFhlOMgVH5inhM1DcwP12e4oA0WYMx5+lRM/wA2OvrVaLdwG4Ipzgs2aAQXG1o2BXtmqnkM6dD0q0qnDFjxQZgq8HaBxQUMhVUj5H502TbtzilZlbgHiq8smIcbc89aBXLQh2kOoVu4DdD3wa4fR/B2s+B7C903wythPpc00txZfbpGjayaVizKwVTuQMSRgg9jkHA7GGZmG0elSzY8vlQfYjI/KgSOa8C+DLfwN4T0vQraZrhbKIq0zrtZ2ZizNjsMk4HpXQeSKj84qnp/KmxXQMxQjnGR70FA1r8xIqGS2LZBNWPtUcufLbdg4NNDfvCD0oAqratkDPFOlhIHf8Ktbl28Gm8NQBntbk4xmo5kZRnGdpyOOlaJbbkVGQOe+aAueZfEaFrPxX4C1m7H/Ej0+8uBdSOpaOGSSErDI/oAxPzdiRWd8XF0+6j0q6inilWTULL+2JIXLB7HzTnztv8ADvIG7rt7V63JGkkbRsivG4wysMgj0OapQ6TY6fbTQ21jawQzEmSKKFVVyRgkgDBODQB534wl/wCEZ+IXgqbR7eGNtRnuLO7trdFRJrZYy4YheAUfGG6DeQOuKxPBtlc+IfhTceIby+uYPE7LeXL3xlf/AEa4jdwI9oO0RqEAII6cmvTrHwrpGk3DT2FhFb3HlGIScsVT+4uSdq55wMDPNUb/AOH2l6h9tV/tdtBfEvd2tvMY4pmIAYsM8bgOduM9807gef6F44vNS8XeGL+dtThs9X8M/wBptp1nG0kaXBlQMwUZIG0ntyMHrXQ/C/XL3W9P1uW9v7i9MGsXVrCbiIRssSMNgxtU5wccjtXQT+DbVvFNjrsdxNbyWdq1lFbwhPIELEMUHG4cqOh4xjpTPC3g8eGH1b/TZL0aheyag3mQ+WUkkxuAxwRwOnTHvSA193ek8yrH2ZT2qKS2weKAGGbdSBsnmgQFM55pFUlvSgBzMvSmlfSkaI9utSKpK4PWgCFiOKaTT5I9uaYq0DRzXxC8InxpocGnZhWMXcNxIJlbDqhLFAQOCwyM1ztp4P8AEGnr4fm+1WeoXHh+5kNoqylBPbtGYtjEqArBCMHoSPrn0powcgjtiq7feIOSD+nsPTrQNnmOm/D++0vXNCv5bKK7t47/AFC+uoo5EdYFuBhIlBwGx3wMAn6VmeHPA+p6TH4ThOhSWc8drqVnqMkMScLKo8pWYN82SFHtzXsEkhVtwGDnOah2qY8bBjGOnWgR4lo/hOW30myjt9PvNKlj8Nz2usBY5YfNugi+UAMZdgwflc+nQ1U1Jp2spLg6jqNldR+D4LyFY7iSILeRg5BUkbm6AqRz6Gvd1dtx5IzU3mO3DOxGc8nPNAWPF5PEt5qHiiRpPEUOlFXs5rOCTJW6t3hTeI153Eybxk8jb1rq/H2tahYatomm2N1Dp/8AaP2nbc3BRVMiKpjiy4K5YseOD8vWu1aGAzRyGCNpYjmORkBaPv8AKT0/Cquq6TYa5aPaalaW9/bOdxiuYw4z689+etAWPI/F2v6r4k8I+J9OluLBDpejQ3k5jQulzL87MQc/Ko8o8jPJqx40vDd6L43j+yQRSW2lWeoxXVurLI/DN8xzg4Me3jjmvQtS8E6BrEMCXmk20qQQG1iEeY9sJ/5Z/KRlf9k8VBdfD/Qrq3vY2gmjW8s1sJ2Fy/zQLnavJPTceRzzQMyJ/Hk7a/c2FhotxfWtrcx2dxNDktGzosgfbjBVRIq5JHXvVW3+JTyWU15daHNaW32w2MUnnxuJLgOysnXKgBS2T2zW5L8PdNm1Nb5Z76AssaTww3O2K62Y8tpB3xjqPxzUD/D61bSbmwTUb2OVtQOow3YKmW2mLMxK4HzIdzfL36UAznZPiNu1zR75pry10u4tL2OSwkRSWuIXjUbD3Y7ztAODge9dH4t1TUNP8D6pqthG1jf29nJdxw3MIdsLklWGeu0E9+gz1qj4g+F7eJvsEmoa299cWZmdrqeAB3d1UKwKlQm0qhCgZ4PNbVxoOpah4NvtIv76C7vrm1e2e8ETRxtuG3e65Y555+vFO4im3jbR0jNxLOywwtGsk/kO0IkYDCBwuOSccdO9VtY8afYRA1gVu1TUoNNvcmRXhMrAZHHJ5HPfNY0fw11m08H6l4bjurV9PmjRrdWdg0dwriQqSVO5GdQeeQDjpgUah4L8R3ba5KLPTvPv9SsL2JIbg4XyTHuGSo6iMkc9zSA6PTfFAuI9abUhb6aun6gbJJCxCMNiMnUDkhjwP8a0ZNQslhVxc2/lMu5WEq/MvTcCOD17VxV94Z1pdS1ie30tLiC41e3vo9s0LSiIQLFI0eSQr5HG4cjPcDGLpXgW6j/sOHWvDbullZ39tM0ojnOHcNCQQ2TwCB1IJPtQCPSdY1oaHo97fSW73JtIWmaCEAs20biQD1GO/vVq3uBe2dtcxo5SaNShcfNhlDDvz16+1ebaHoN5btpwn0i9heTwxJZ3ZMLHE+fu5xySMkfX6VRuIbyPTrbzIb62kk8JNBIQJYxHdJtCgHs/Xp1xzQUevL97H4/Uevt/9alePd07VzPgt7HTdH0ezRrkXN7B5/8ApBeRi6onmAux45PT34rq9vHI6+nSgBxAx/n0FZuuXL2OkXtzEyLJFC7gyHAyAce3XFaW38+9Vb+0gvrOW1uYlmgmXa6N3Fby3Zle55To+n6l4yXzYQv2t7eOKbULhNqf6wlwMYycIgGPxrvvDvhDTfDUK+SklxceVHE80xJDbUVchPurkKM4ArYhVY4khjRYooxhEQYC/QCpNpH1NQA5WLZJJJPXJ46Af0H5VLGtNWPj3qRcr9KQDxHnFTquxc9agViWHPFTrubgc0gJY5PMOPzqyuFxiq8KmMnIqZVLNnHFBVycNup6rtNLEoA4FTLByDigCSGIswNWWXauAcUkajgAU9oueSPzoYrjkhOwYGRU62/HIxTFnWFeWGKat8uQMgE+9SFyyluWBGcVNFbBAc8k1Xe6SNQVVnPtUsNz5gzsYE/3qAuWUiGcD9KsLFhhyfxqrudOg5+tSRvK2DQFy7tGDzQIwi/WqpeRWAPepGEjYG79KAuW0X5cjml78A1TjWZZMF/lpzBlk+8celAXLRUdwacCP/11WQM3O80SDGPmNAXLRpF68mmx/d65qPJK9TQFyZ2XFRhg2OeajVeTk5pdu1s9B2oETcKPWmiQNxmoXZlzg9e9MHGMnJPpQBa3D1pVYYqqzlMbe5p4Zt2CeKAHu4JwarPJ51wYsYXGc1IyqyglsEVBJId/FAFlFRV+VcUhZWJB61GJPlBPPao5MiQkHrQBLJbrJg5we1VmDo4UjI9RU0bOzbe1EjfvE5wvNAEIkKswMbVFNhl+5itEcjg5FQXEf7tie1A7lJbWSZgP9WlT/Ywq7RyPX1qxGu1FOc5FSEZX3oEZj27RHcn3vT1pn2gy5V/lbvmtLaMjPWqd6oVScUAU22s23r9KjnjJwF6+uKuW20g4Ap7qo56UDuZsMO0FQMEVIYmbJHWrF1JDa27zyuscSjl3YKq+5J7VVsdStNRjElrcQ3MeceZC+9c+hI+79DzQO5D5bx5JGBU1uQyg1bZQw2kcfrUKxiM4AwtAMr3A9KpOWDNjitVgsjbVHP8An+meap3XlJIkbyKkknKKzKNy54PJyT9AKCSi07jABqJp2kyM/drR+wrjJBRx1XuP8Kg+wCNi+TzQUVVmKsM9aka5JI6n+dK1izMWU5NPitH/AI+1AEck/HJpI3DcrhR7DFE1o27AGQajWFo8g8DtQA+S4EbDvSecGINRfZ33crn3oWMxue9AEwbdntShRnrUZyx4GKVVPegAbCmm8cHvSSKd1C+lAAwBpu0ClYkHio95yeKBkoUNULRDdTvMPFN3EE8UDuMkj3dqYI8delStIQKjaTcvTFAkQyR9wKI4txBY1MCGXiqzSNvIAyKCh80fpVdomU5xVhZDnBFPc8UAVCu1aFRmI5qRl6UoI6GgCGRSrcnJ9aaPvDHH0qVl3N7Uhj24waAEbcuCCcr0PcVAuMfdxj29sVZ7HPNMYAdRxQGhXLeXkLwD1x+H+FBYleBjjHSpWjDcgcU4Rrt57UAVQxUYJyOPlbkce1SwMyAYZgM54NOaFW74pVUDgHNAaCSZ2kAnHXr39aqqZIwWEjD5txAPU+tXGO3IqHyg2fSgCHzGkySSf945pyyHHPNKYgvSkVetAFg5OPpUEwNWemPpTGxzmtpbsxWxWWM4yTUiPn6imSNwcHB/SmRsT1ztPG7HT3qbDLStzmnM3Fc14o8UHwzcaFG9v5q6lfpZOwbHkqQzF8fxYCngetc9qnxG1FfEE8OnabvsbfQn1UC8kEDTMZNqYzztGCCODllpWA9IjUlSeyjJ55HbOMEnt2p1vqVi2qnT/tkJ1ARee1osq+aE6Z25zt46mvn2bxpqfijR9Hj1LUpti+LBp872xa08y1MIcLIqnuWHfnH1rT+A/gzVNO17wrq8uizWdjDo99bT3E8RjbzXuCYwQ3zH5R1x2p2A+gBgHBIPqRRJdrFgDmolyFA4PqOfx/Gm/ZQsgOGGecN1xUgXoJt/OKuecyrxj8aqwqABj9elSXd1b6fb+ddzrbQb0j8yU4wWYKO3UkgY989qCrliN3k5J2n2qWKHzmIkZiPbj8c1x/jjxNqfhTw/rmowWVnIdPeAxia4JMkbsquzRoMqRuGMtzgnpXdSeRaxzSSSLDbouXkkYBVHXJ68fWgG0QNZoFAXO0eoPP41bt4FYjOBjkttzjjOfp/iK888F+NLvVvG3jFtVuUtNJgsrG8s4ZWVBbQv5o3OScAttVmB6bwOoNX9U8YXOoeMvBFv4d1LTJ9J1Ce7W4njczKWih3EZUcqobPByTj0qSTuEmgm3+RMkm1zG/luG2MOCjY6MPT3FTwp3znHXmvIj428Q2vhXWNatrTT7FNH8RTxarbWFmXM1ssiCWRCesgDFiT1H+7VjWPE17NZ2upQ6zcLa6xq4t9NhtljjNxbrGdwSUgbFYq8m9iTtXA5NAHrwjDYJJGTj1P1rJvfFlnp/izSfDskdx9v1GOSWF1tz5ICLlgW3dcYrzv4e+NfFGufDvT57K3tPE+oR3l3aXVzcX4gKeXOyxqTsJclBngdAO5NX/F11BD8V/h2biSKN9t95i7gTGJIAq59Pn45AzQB6dvVmGDyeACcHOKRdY0yWC4uE1GzaC3BeZxcLtiXk5c/w8A8n0rkNS07xRPcXswutPutFSCQppkVu8d3N+7OFExk2qS3Q47dq828D2N7b+IItU/4RHV7nTrjwwbWayj01oUSZJAwgO7lzjA3sSTu64zTsB7bb+MvD1w0qJr2myNBC08u28j+WIcFzzwM4+Y4HTrmuZ8ffEaLTPAmo6/4c1HTrptNubeG7MwL+SryIrZUMCCFbIJ44rlbXw7r8nhPxJdHwpLe+Ldet2e6TUIVhtoUUqIrWLdjcFXHHd1OeMVUvPht4r1rTfiJAmj3C/8ACQxafNayapeQ+bLJCQXjcDhW+XhTgAADvSA9Nf4jeG9W0bxDNpPiWyibTYHa4uWQyG0ypCSvHjJXODx6VPceONF06ys5Lu++0PLZR3jNa28j5hc7VmwqnYrHpu9/SuZ1zwnqvizVvE2vx6U2nTXvhyTRbXT5Jo1lmd2JDvtYqqrlQPmJ65xxnG8QfDTxNqWk6MbewfTNfstGt7OHUba/jVopkyHinjJKzRcZHBIyfUUAdB408ZXFnpvj0aL4hRdW0a0jnWzksVCWpw3G9v8AWBwAc44xW5N4uj1TStTtNNmkGqW2mi4N0lsXgjkMHmD5yApPBGM1zHifwH4j1PVPiC9tBayR+ItGh0uCYXWz96iunmMpXhD5nHJPBqDwP4Q8U+AbG80SK1tb7Q7i3M0MEl4DPbXTpiWPO074ieQScryOmBTsBueDfHsNz4D8H32qPPfatrGmJeeTZQeZLNhQZH2IMKAT1zjJAqPXPFr+IL7wEPDmtNBpOu3d1DNd29ujt+6h37cSKdpDIysMZBJ9q5fwh8OfE3g6DwbqqC1uL7RNIbRbyxa7MaTRF1ZZIpiu0EMpJDDBwOelVP8AhFT4H1j4fy30tvHJd+JdSv5nQ7Y4mnt5yEUsA2B8vJ79umSwHX+PPEmt+F9X0WaHW9NW3vdStbGPRbiFVe4jkYLJJ5pYEMuSeAR8vvz22sLdx6fcf2asH24p+5+1ZESMxwGcZDYA5x1OPeuD8ceGdV8f6fqWhz6Vpo0y6CiHWpbvc8aghjII/L3bhzja2Diuo1K88Q2n9oiw062vI47JXs3uLtonluN+CjjbwoXafU49QKQGL4R1bxDb+ONa8Ma9PbaqLWxh1GG/trU27KHdk8qRCxw2VJB7jJ6YqbXPFGoSeP7bwnoslpb3jaa2qS3F5GZFx5myOMKGX7zBtxzwBxzWf4BXxjb3FyNX0bT4JZEa5ub9NRE0l3OFHloqhF2qB07DHIznLIdH12PxppXjOPTC1+ujNpepaXb3ab433iVGSRtqnDZU89+MmgCo3xMvdS8G+F/Fdj9lgsL7ULXTr+yniMjRPJceTKVkDjG0hsZHI9an8N/ESC91/wAR6Prl9pljf6frT6baos3lmZfLjZPvE5bMmCenA9a5jVfCs3gf4P6VoNy8cl5Brdje3DQ4Ko8t+jsqAdQu8L7444FJ4t8Da5dWvxQji8O3M11q2s2t1p8uEfzY4vKDEkNuVQ0TkZ55FOwHq15rFjZ6lFp0t9Zx38xxHZtOqytyeFQndnjoRmlTVrNp/s32u1+0sxRYhcLvZh1VVOCT7YzyfavK9a8G3N/4t8RQax4Y1zXrbWNQh1PTb23uStsp2KESf5h5TI6nn0Zq5nWfCOn6w3xP0jT9If8A4SseJUk0u8tbVgYJdsDBvOUAIFALEZGQwPNID3fTfEGn6pqGp2tpcRyz6bKIrpVbIiZlDbeOuARz0HAPOakwXLgcqM5YkAAdj9foa8Z8QafF4ZufilHdeHb65e6uLK7gaxtXVWgKQrKQ6IQV3AlkBy3NcxrF1AnhnxpZC6mtVXxDpt9afZreazh8mU24k8tM8Jjf+KmgD6ZimWOFQRtB6E/564xTLyZPs8mGzx2ry7wrcXej+LPHujeGzDrCW89ldWtlfX7lVWWHExWUhjw6jjnFelaUt5d6XbvqdnDY6gVPnW8E/nIjAkcNtXPTPTvQBat5I5YYzG+V2gc+tStlQMVneW1u5GMHNXBNkYFAC8lsmoLyPdGc1aUZxzTJoy42g0AZ9shRm9Dip2x0IzzUbh4T0L/So3uPLmIJzx0IoA8++L0JbUfAxu0WXQRq7C/WbBgyYm8gyqeCokx14zjNVb6N9F+NnhiOy/cNqmn3a6lDGF2nylUxSOq/KDuZlzgZBHpXoslumoW8sF5DFcW8o2tDMoZWHoQazl8NWmj2t/Jotpa2OpTRYFzMpcHH3Q5yWKg8YB7mgDXH+rU4wAPlHp/k5H4U1uVzXkemeKNV8N65qEjWl1I6MZ9b8Os/mTW7HlrqzYn95CcZ2849BXrYkEkQZchGwc7SOMA4x1Bxyc+hoHcoTQu15GRgxZ5BOPrn2xmvMPA/h+HxJYeMJdetln1ptXvIbm4uBiaCNSDAUbO5ECbSCMDr71NffFC6k1FNbjW4Tw3Cz2emabEAtxr92SV+UEZjiGOCeck54rstW8M6drUa3WoaaEvJolS5CzOjPwPkkZCPMxyvPHHoaCTJ+Eeval4j+GugajqKtJeywsJJCNvmbXZVf0JZAhyPWuuWR2X5lxUMXlWVvFbW0KRQxRrHHHGoVEUDAAA4AqeKYNgEbTQUiu0hEnAIxSibIyc1cKjPTNReX8xHGKBlZrhWwPSmmRW7Z+tWJIFz0zTPs/tQBHhW5yM+xqKQjPAqb7L1xTDan1oAiUAt0qXyh24oFsynOak28c0AVpIu9R+WeDVplHNNxwKAK4UZ6U1lHPFT7Ru6UjKOeKAK4X5qaw+bkZqfbzxUbj5qAIJEDD0qORdqVO+OlQzfcI7UDIF3fw03yn3ZNWI4x0HFSbaB3KbZjzmkLDPBq2yZ61XeP5jigLkTOelJjmpfKHemGPDYBoGRN96mM3XJqwbZi2c8VWuYW6KKAHKw9c0SZbjtUUcJG3nJ71ZWPNAEO4ouO1MLlqstF8p4qLy6AGKxXNJuIORxU3ljsKY0fWgCMybj1pDJj3p4tx1z1pPJHrmgCPzB6UKwx0p7RYqNgVHTNOwFoEN2qC4bYrNkKqqWLMcAfX86n2lcj0rE8aWd5feFdWg0+SOK/kt2WAy4CF/4VP1OB+NbS3Zl0I7vXLKPTftUd7bnzC0cLbxhpBkbQOpwRXkXhvx1r66pb3MlxHLbalFYR3RlRmMTSQTSF4wCAoGws30FOs9N1/xVr2jy3GgmwulEb3Kwj/Rrcxz3CyPntklenJB9q7zwb8NbPw5HZ3FzO9/dQ28MDiQqbbekJjD7SM/dd+ufvGosB5PpWja78S9DMFrLfSCTWre5/tCKUp5StanfIrPgA7jyoxgkgDjj0+z+FL6zbRTeKNRa6vptIGj6hDZkxxzRhywYsQG3dMgcHNegxokMKpuCQxL8ochURQMd8DAz9elQ6xZvcabLbx3M9mGQBp7cbpUTvtGD85A4xnr24oAg0Pw3o3hW3Z9P0210vyy8ryqArKwQbnLEZzhQSRzxxV7w34q07xda3F3pl39sggnaORijI6MAGIKtyCdwP0YVh/DW8j1X4e6fJcTXN0QJYp/7S5mUrK4EcpY5yAAuSOh61T0G18TS/wDCSwWmqaYsh1YSJqTWhO+Fol3qqbwGZMKoJbBx04pagaHjDxkdF8QeG9LtLqMXNxqcUN5CIGcmJlJ27ux+774Jx0qhpvj6ZodHs9Esbi+udTl1ALNq0qxBHgL7s4BOMrhQB0HPWq0HhHxS2rNay21s8EPiRdZXWJ7gbLiLZhUEY+dXxxjGB+Jra8PfDCTT5tOubnVmjksZr6422lvhv9KYsVLN3AbGdvf2oA5o/FbxFHpMGryQWHl33hy51aCyt4mZreWIovLk/MDvZugxt/CsrWbeHUvC811J4i/4SvTzf6XeyW9u0lzFbL5w81t/X5lyxQD5QvQcV614f+Hei6Cumm2tZrm50y3ks7aa4mMhVH5dQAQMHjP0rotNsbPSLV4LG0t7C03FzHbQrHGScHO1eORj8qQHkGr+HLnULH4oW+h6HeCPVBp5sQto0KzFY137SwUHaRgjIr0zUPh7pXiC4vbnUZ9ZljvoTDJYy6g6QQhlClREh9uuTW9eanb6ZY3d9dzJBbW6NLPPJ90bfmYn8MmpND1i31/SbHU7Rne2vYVuInfIfYw3Dd6ZB5/CgDkvDfwV8PeG/F2qa1FZxXEd5bRW6W94GnaPBYyEtIW3byVOO233rf1jwFpOrTaJKqy6XJpNw09v/ZhS3BLrtZDgdCOpHPHvVTSfHkGr/ETVPC9tBuTT7JbqW8zhWcuFaNR0O0sAT6g1uat4gtvD8du935nmXEqwQW8KFpZZCThFHc7QT7Dk0MDnrzwLeaTY3Nn4Y8mUapczSahLqdyz7BKpDyxKAQWOcbOAa3/+EJ0aXRdN0m50+2u9N08RJbW9xCHVDGgVXAIwGAzx2zXnPhPx9LfaLaz6xeaw8jeMZNOtpIoEgYYcCKG4XHyKc8jH48V0eq/Fi10i2vNWGnyT+GdP1AabealDKodH3BGdYsEsiu208+lSB2ul6LaaZDItvbQ26O7Oy28SxjeTyTt6tjGSea0o0jyoIG3GNpKjj2B9yPzrxrwX4mfS/iL428K6R9n/ALUfXHu/LvS5jjtRBEXKnOWbe/CA+pJAFdFb/Eq+j+Jy+G9Qmt9DD3Rjto7u0kVL2EJ8ssNxu2sxkGPLxkAdSc0wO90y+tNUthc2VxDdw7zHvjcMu8HBQ89QR06cVfwp3Z+Yk8luScdCT644rwOPxTrniHR/BEt1qcOlS/8ACZT6bdLplvHFG5jebD4bPP7vnP3txz0r3lW5HJbPJbGAT6j1H/16YEwB+bH8XBpdmd2R168dfrTRIOhqRWFK4B9fmGc4bkE03aBjjoMClZwKVcMOuKQBGoXoPekeESbR1C9ATxTwvftTdwHfiquBGLRO6g8YFJdWMN8oS5hjuY8k7JkDj8jmp1fOeKGbjNADJIV4GAAo2gKMAD0A7D2qH7OjE4/vbvx9alDk96Tdu6daVwGtbhkIzxgDGeKj8kbfvEMMkEnJ59PSpS2Pc1GZMHpSAz77wtpGsTxz6hp1vfzRkNG08YbYQ24Fc9DnnjuK1WUFskc0rY4IPFRhuTjincBJFByDyG+9nkH6isjRfCun+Hb7U7yy+1JNqVx9quvMmaQSS7Qu/BJwdoA4xwAO1a0kmMA85ozgYAouA9ZCq/IdmOgHb3+tNeZ3Xa7s691Y5B+opgk7GnZGKQEflxrIXEaB2OS20ZP+cUm3t2+tOYijIp3AiliEx561URWj3Bxk1f8AXFRsu5sntSAih+ZNxqTbmjj8KjkkCjk4FACso6iqklujyKW55pn2pvtRjICqcAMTjqRzXnul/EnxL4jjnu9L8ESXumpdzW6zx6rCpJikaNvlbB6oT360AehxwsrNvIbnjFDAryuQQcjBwa46P4hauqt9o8AeIIypwTCbeYfpIKo33xdaO7tdOsvCWvy67e7/ALLZ31uLaN9gBdjISQFUYzjPUcUAdfcaJZX2oWOoz2UM17YFjb3DLhoQylSA3YEHoeO+MjNeZ/ETXtU0HxNdrfapqGiaVc2caaVq1uFa2guMNuW5yrEOzFcE8YIxW/D4J1zxFcx3vi/W8Ro4lTRtGZobWMqwI3ynEkvIHop54INaHiTwVN4in1Qx6w1rbarALe5tJrdbiMqEZdyZIIYg98gYHHAp3AtReE7CTX7fXpIWm1SO0W3hkkYlIUOSxjX7oZgwyw5IC9Oc35Y9wPGWzyTyfQfyrmJvAuqeHPIuvCeptvhgihk0vVXZ7a6EcaplZB/qpCF/h4PGQeodY/E7Rvs92uss/hvULGMzXdhqfyyon95COJEJ6Fc549aQGxqFxBotncX93NHa2UCb5Jp22ogHXJ+meP8ADBzPCeuXHi6xGpjTZ9NsWkYWpuSA9xHxiXb1UHsDzjnvgYel6befFK8ttX1y1ms/DEDLLp+h3CgPdMD8s9ynp0KxnIHUg8Y9DaEx4PRtuDx/n1oAYuAoNDeuOahklK8d+1Os2ldCZPXAoKuL7kUjNuFTNjoKYy5oAjHSmtxTyNtJgN1oAj69aTGRUpUDtSbQOaAKcj7cg1GJgeKddrubNVCrLyOaALHmDdgGl3D61W2nqRnNKGO7A4oAn9CATz09faue1Txlp+k+LNK8P3LML3UIpJY5B9xQvRWPZm2yYH+xWy8pXPJPGOP5/WvIvFnhvWNestc16KS40/UIbpbuws5bIO5+zAeUQdwO2Qbsjn/WUAeuSDuSFwcFWxkH86ikyVxtyc9M5OfTgV5F4kS38S+ILK/u4NQtILnw5dF1cXEfk3KupRTj+P7/AH5AGc1z/wBquYdH/wBF1S+hub7wfJe3A+2SMY72Lac8k7D94YGAfTigVz3K+1K20mylvLpmjtol3M2ws23OM7QPU1dWYSKvK4JC5z3IBx064x+Zrw+61bUNP0XXJNG8RXd9by+Gk1YzTSiVre6X+AttICuAWK9fl4ro7rxJf2vjawaa/n/sW8mt4beSEo8SPJCNsU4wHVmJDhx2IHrQFzvbfxFpt79m+z30EpudxhXdzJgkMVHcDB/KnJqFvcRrJDPHOjFkDxsGGQxB5/CvLdNvri9ufh9fXYja+h1zUbBnjiVRgR3KgbF+6D5anaOuc9TRp/ijW1ttEtrK30eN77VdR0uQmORYUeEysrKFPIIT65oGmerrKq/eIDY+5uXP1ApsuGdOdv8AtdgPU15XD4nOo6v4K8Q3Ua2zz2epxXMUZ4DwgA4B4xmJsA88966Hwn4y1HxBIn2rRpbO2e0W6huFVzEQT/q2LKvzYKHK8HPtQVc7l1K9QR7MMH/9VRlA3PevOtJ8UPpnjbxLoo+0anezX0UsFsZgXhiaBC7fMQAgY9AerDFbn/CwLH7Z5LW1wts+onSlvhgxG6AwUAzkDcCoJ4yD1oC50pjC9OtKq7RmuLtfizo101t/ouqoLmWSCEtYsfOljYh4kwxLN8rHgcgHpVO8+KFva6vo10bljoGoWFw6otozT+fHJGpGBzkBnJGOPLOc5oC56C33aiPSue/4TfSmvbdv7bshp8mntegFSGMYP+t3ZxtGQMYJzn0q1pfi7RNdS5Nhq1ndeRGJZfLmX92pBIYk4G3j73TnFAXNbFIV4Oar6fq1lrEDT6dcxXsAfbvt2DYbrtPcHBHBHp61It9BNcSQRzQyyxj50RwSAe/HfPH4UBcXaAeKRgvpWAvjSOTWtV0uCwlu7iwtobnMM8eLgO7JtUk4Ugqck9R0xSt4sia+1iySxu5rvTbeKcxxhSbgOGI8oZ5+43X0NAXNz1xTec05UfBIVs9Rlevt1+v5Ugw3Oc07jJVzjJ6kA/pVLWNMh1nT5rK4VmhmXDCNircEHqOR06ir7LjA9qoa3Yf2hpdxbmR4kkQh2jYq+3uFI74/rW0t2ZJ6FPULhdL02IWqxyO8qQWyM+VaRiAMnqQBuYn/AGSa4zTvF2oXnjKx0+Yx29+Rdac0JkJt3mR4nLgfeb90zHr0Aq1Ha6jb2fhx7fRLmXTNLmjlM0cnmSSo8T5aNW5O3eMlic89alj+GMF/ew6lfyPBN5kl2VtGIZJWkRgFk/hwkYX3GRUWAxP+EgvtU1A2muadfz2P2mVLmEw+fC26GXyDHsz8jYON3IZRnrXXeHfBupaPolp5Oq3I1pbOGH/TZXmghCqMhYhj5sjqeR06V0Ok6XaaLbtBp9slorMWHlnlmPOS3c8n0x2qnqfiaDR9YtbG9RY7Wa1nvZLqQlVQR7Bgrgk5L/nRYCOPwPZyXGnNMWuEhS689JXZVuHnGZNy5xjOW5GR61ttfaZ4f09YI3trK3tyiC3ixhS7YUEKOCckevvXLeJvGlgdF8QrHY3GoRWVnN9pkRvKiBCqxi353K+yRegHXisHVdYu9F1bxVqGnMLOVpdBZl2AnZI21l5zzhhzjjrxQB6ZoeuWuuR3T2zSGK3vZLKVpoxHmRMFxgnPfHvik1rxZo3huSFNSvltJJAu1WRmCbmCgvtB8tSxAycAkjkYry3wbqKwfFLXLbUbJ7jTzrF4LG4hXzUguCIw/nqB3AG1un3q6P4leDPEXjDUWh0y1tTZS2EWy8kuDCUnWbcfMIUs6qB8q/d5J6gUgOll8cwX1xrFrZ6fNqcVkk8M0izxqrPGmWTGSyk5wHI28HBPbB8M+Jr6713QpLV47XQm8KDUY9HtYnnuSrMuRksNxXhR1PBJ61fT4VS3niuXX7660+O+aO4h8/ToHje4SUbQJs8OEU5B5JIyffY0L4b6bon9gSh7y6vNGsf7Ohnkl2eZGD8vmKpAY8Z6Y5FIDB8W69rniTS44bbwVrLaeUlluobtoLeRmRQYwys+dmTuIxk7cdCQZ/hv4mmt/hj4O0i6li0vxFqWjCPS9waaOQpENkjkLgfKN20nnHoDXpKq0q7ZAXBGG7qefQ02bSYJbmznMPzWuVt1UYSIsuzKqOBhcgccZOOtAHlnhb4e+LNK+IgluNXiTTV8Pm0N9ptiVQt5zYUu7sfMDN5hbHOAORkVt6t8PNZs7zw7qmiatNr1/pd7LNLb69cgLPHLD5LhWjTC4ADD5e/NehrbfOBtXK5Gcfnj0HPQVbSNl45wRjGeP880rgeVw/DLxLcWc/2q50u3uW8UjxIhV5JggV9/kHCgn5hjPA5zzmtaP4TiOPVtLTV3XwtqOo/2lPppgG/zS4dkWbfgIzqGwRnjAIGa9GS36ZGeMDPap1TkHuOh70gPOLr4H6Zf63eanNqupLfXGorqkc9sY4ZbWUJsPlMqkgFQAemcfWujg+HmmLqKX891qN3NHeNfxJcXAEUdywIMqgKNp5JwOMknGa6lUypHalWLcxPfGDnnNO4HI2/wr8Npo7aQ2nG7sGu/t5jnuJHIuMljICWypJY9DzXXJEqIqqoVV4CgdOAMfTip41PAz0pzRhWouBEsIYg0/gcYqVVFL5YHekBXkUN25phVgB69qu7QORRtDMMigCvz5eO9R+UTjjGKvGMHB6EUhxnnmgCusbU7Zwc9KmbHGOtG0YGetO4FXyzuyOh7U7ygvIGDU6qPrSN940gK3c0xl3ZFTsopvl4oAjZfkHGaaoLYqxt4pNhHSgCvIuGBP4UZ/eGpmj8zv0pvk9+9AEEiktnFRZbPHA71ewF460xo1I6UAU2ZhyBmo/tDYIxg1baEdAKZ9lGcgY/GgCJpCtRPM2DVto8+9N8kBeR1oApqzLUFw3mAqRx1q+0O3PFV5bVtxIPBoAqeQWuFfJC4HQ1wvwinMPh3VoXGRDr+prjHrcu3/s1d/cNFY27z3E0cEESlnklcKqKBksTnsOfoDXmnwx17S/L8UxnVLEK3iC8nhRrhFYpJskU4LZIIbg+lAHo0LYJfoWNcb4zlC/Ef4dTnJbzdQhDE9N1vnj0+72rrVkWZQ0Msc65HMbjnrwDjGf8A69cjpPinSvFutX1o9i3/AAkHhm4ZvscxXeC8e3zI8NgqwcjJyARz2oA643AKccd/z7/XNOSdtuNze/JrI8P6rF4g0Wx1G2imjt7mISRLcKA5U9CcHAyK0l+Tdnj1/wAigCcyByTwSetea/HnQbPxF4Y0hb+Peq63Yx+cpAkjR5gr7H6qTkc+3Pau+2fMSG4+tcX8YpPK8ErNk5t9U06UMO2LuLn9aAE/tLXvh+rx6ukniPRY+U1W2i/0q3T0mhX7wGPvp6H5fTrtN1my1zTob7T7uG+tJB8k8L70Ptx0qZWeKVz90KzEEdjn+tcheeCYrXxANV0W6k0O9lkD3Uduga3uU53b4um7p8y4PJyTxh3A66SESsGH8Pr696RMwqwHJPIFRWrMY1PTjB5z61K3DDNIAEwyA3ysamPC+nvVK4bavyjBqRH3Qg5oHceT6nNIAevamRg7jk0SyheKB3GTXWxgNuadv3KPeq7SHcKkWQcZFAAaayjpintjPWo3bj0xQBHsHYUzyRycU5ZQKSSXb24oAieLdlRxuHPPvXNaJ4mXWPEeu6aU2z6a8eP3UiyKCu4CQsuOeqhc/LgmupZ1bPy5XHOen41414s1mXT9Y+LMmmai1nfRafY3kNxbyYYskLLtyRzzgcc9OwoBnryxs2HJJAPy5Oeg9xyfeq2raYNa0i8sHuHgW5t3g85MFkVlKtjI64JrzuO31mHxh4e02Hxfqctpe6dLfu00dvJI7xvD8mdo4Kuec9+ORUXhXxF4u8SWcN0NX06Fb23njWKQh2t7xXJVFTYDtGNrAljjnI4JYlud3o/h2z0jRYdJaKG8tkiSJvMgQCUKAAWAGCcAVKfDulfbre8GmWa3kBDRTCFQyEDAIIHUDp6VwFt8UL+TwvdaskUUzafbQQXtuybSmoPMI3jY5GNnDMoHR1+YVbvfG/i3S2tbefRrH7VcanHYRNcSmMukiMyOyKX24KlTz2HFFytDqV8G6HE1r9n02KL7LM1zAIiyiKUg5dQD94/1NVv+EC0KCS2mhs5YBb3ct9H5VzKNszghnGWxk5+nPvWXp3jy9uvFDaDc2Fpb3qrl4vtRV3HlB/Mhyo3oWOzI5HUiuV0fxVdLfeEL3SNKvr6PUNBuUXSlvt5Typkyd7nDsFzyepYelIDtLT4c6RYf2f5Ruh/Z7zTxK05ILS8S5zndnJz9aXw/4DsvDZkjtLq/nt1BS2tbmYPDbKSG2qMdOOjE47YrJ0HxY/iLxppVzZ3k76XqmgPdLakgpHOkyKVwD94BmB9+la2reK7TQNd1FLufUGjtNNOoPbx22+IRCQqZFwMliByP9mgRj618N477xFc6/bard2GrPJDJFcRRLJ9nWMFdvUFlIOCDnop6gUyf4dt5s1qdSDaNdX8epy2jwfMk4kEhCyhjgO6g4IzyeeTTfE3xMtrjwnql7oszW11ZJb3TC/szGHt5HVTIgcgEY3Ed8qa0bnxrpTWU11a6lDZtb3cVs5vreUEbipC7SA2WXo3T36UAZ1h8O9R0yTSil/auLLW59WCmGRMiUSZiGCeB5jdMdPeotJ8C634dm0m7tZLCS5067v5Uh8x4omjun3bQ+35QrZ4xz+edDQPH1pLruraJrF5Z2uqW+oyWEEMeVMq7UZG54DHf69vrVuTx9pekyhtSv9OjEmpNYwNazAqDjOHcj5SBktx12+tAHNWPw5v9I/sQW4gure102+tZwHKZkuWDqijb9xcHnjrxWPN8Oddm02zszDDC8Ph9dMlm+0phpo5lkUEA5KHGPbNeh2/iE3fiA6W9isT7nxJ9oiZioQMrFM7gGDHHP8PIHFasNzDct8k6bgm9mjcfIp53cn1yOuKAOf8AAthNZTXt5daL/YMl3JG8wa7+0STSKMGXIYgLwFUdeDnNcDa+BdXhi1KyTSLy01+OC9jt9eW6AtmWXcyEY5LlmQYPAwMYr0LTfHFtqenzXS2F5EI7+ezeKKLzHRoydz4B5X5evfNbVjdLqFpBcpFJbJKiyBJUMborDOGHY56jnt6UAeLahoM1xFrKWnhm/wBJS58L/YnjW2MYNzEzbVUrkk8/ezzitHXLa61KbWz9kvo2u/CsSqwikQi6j8w7QVH3ssPzx0r11d24Y3ADkL6H6f5607ayr1I78GgaPK/C1ql948+2XDajGsWkWd3DDvnjijnAdZFKD5Sfu5GK9G06+ttV0+C8tHMlvMgeNirKWUjIOCARyTVvkd+Sd2e+fWkxQUWdoY+9V7y3+028sBJXzFKhh2yMZ/WrKKdue9UdaFz/AGZc/ZJVt7koQszgFYv9vHfbwcVu92YoVrq2svsVu0mxpMW8I7uVBIAHXGPfjNZmveMLDQ9/mytc3kTxRtZ2y75g8h2oCOgBY9zXDeMvFjx6H4eFxHPf3tq8B1E28RQgPbSFynTcdm5sL/hTtP8ACWp6t4ovNQtbOPTtNa4iaOW6LDzViuI5lZFGW+ZVHU8E46VIzOfxlrfhi1mjnEaabeXN2En80tdWhF0iO7kgqAiSHHUAjn3TUdH8QTazYz6FNcanBpl9ey2bTytLDcQbrcrA0rHlSyyYYnnZ6GvTNN8K2Wk3F84866+1PK3l3WGWNZXLyKq7RgMTznOcAdBW1b24VEVFWNUAVUVQFAHQAdMD0paAcBdfDebXde1PVLxbfSJb+3ltZW09i0kgkVc+cAdu9AHAYZzlfSups/A+kSSXD3NodQluktxO905Ky+SP3RMYwvGcnjrn0rfS1CgAjPGMnr+dXYY/Xt0zQA7T7WOzhEcEcduo/hgUIPyFXPJBwcc4x9B6UyFdp68VaQhjgcVICqp2gE8VMkStgEAD6dPp6UnAxT+vFAE6rhvXjGamj4Yn+tVlbaMZxVmFgfelcCzEq1MGG7pVdWJbjipVyWpAWV56UeYdxGKRVPFSbaAHK/yntSpzyabtLVJ0GAKAHr15oYlTSrGcA4xTjC0nfGKAFLYpu7c1SCAtx3oW3Kk80AIG2rSCbnpUwty3emGHBOeKAE8/dgAZpoySeMVIttk5BqZbcdzQBXXO4Z5pWywJ71Y8nacg5oZd3GKAKkeV5pGky3AxVryQvamSQqecYoAqO3Ip+dq5609oR60nl+hzTuA3zeBxQJN1OMR4wcULHSAhc/NSsw24FSPDlqY0IC5B5pgRBipPNO8zFJ5TYz1H8qYybuhpsBfMFDH5aZ5JqTb8tSBGp60kkg7nGKeq1WmibdmgB0ky9OopnmLkDcBk457e/wDn1qNiehWuS8XeLJdD1rQtEsbSO71jWZJBB9okKQxRxqGlkcj5iFBHyjrQBmfE+8/4SCax8JrI9pp90jX2t3rEqsNjEQXQv0y5KrjrjdWP8PfBmleMjqPjDWdBsZV1oounWdzaoRbWMYKQ4BH3nGWz1wVHQCt7+1U1bVNQ8FeJLK3Nzc2TXSrbuxt7y3zskA5DIyt1U9MrjvXXbVULHHhY0UIqqMAAAAADsMDpQBjaX8PfCvh3UYL/AE7w9p+nXyZWO4tYhG4yMHG3rkEj8a4q88IX2rahrOtaRbSaf4ksdUe4sJ7mF4o763aOIyQuWADI7RuMc4KrjGa9T+ZoypOVxVbcWZ1K8N1/T/AUAcZ4V8LTa98O/C9vc3uraDdWtkqypY3PkurkDcr8HdgjAz0FSTfD3ULXiDx/4kiB6CYW035b4wa65XKswIzk555OaaSZJsnrQByMfhHxdHxb+PpJF/6fNGgc/wDjrLWR4u8B+PPE2gz6S3ijRLqGaWB23aTJE6+XKj5BWRufl6Y5API4r0sIFbIHJ706ZQyANyO+ef8APagDK03WLHXrrUYbKf7RPZTGC5CoQEkIDEenAPIycdKt+SkgzjKsOjdx/hVC80y4vrrT5ItRmsktbo3E0MKri64OFckZxkluMEms668daTY32oWzyXEx0/P2xre1klS36kK7qCFPU47YoEbvlqrf/Xpu0NIAK5/UvG2iWaWhbVLfN3GssAUktJGwG2XABwjHoWA5NaVvqdtJZ/bIrmKS2eMSrMrgptP8W7pgZHOKAuWriEGolh8uPC9Kr22tWupQvPb3VvcRKW+eGUMvH8Jx0Oe2e9WFk/hRxKoO0spU5x1I+agCRYwynOc1C0B3cZqRWGCc05ZBzzQPzIvJ49DUTQvuGORVpird6azBcc0FXK7QkHkVHITyNtXF+ZqTg9aAKCxHdxTpI9wwRmp2wrcCmHnrQBX+6MYz6VSurG3n5ntYJ8/89Ylc/qK1VUc1G6K3GKAMf+ybB5oJm0+1MsC7YX8hMxr6LxwPYe3pUNr4f0y11W71S1063g1K6BW4uo4wskmcZyfU45PU962mhG0jNMjhC5FO4jJbQdOksdRs5bGOS01B3ku4GGVnZwAzNnvwPyFYKfDPRIbe3gRL1Fhuo7yORbp2cSIMJ8zknCgnAzgZPrXbNEG4pfs4698YpDOVvvBdrdeILfV5bm6ea3uTeRQb0KJMUKblbG4cdgduR0rKs/hqmk2+knT9YuornS0nWK4kijl3RzMGYFcAE7lG30wetd20IXpxkY44qEwjI44U5A7CgDj9L+HcOh6tod3YXfl2ul2MliYpoWfzBJIruzPkbTlc9O5o8UeC7rxBqlzeQXttEs2iz6V5UsTMw8xs79wIAxjoPWux8sbs4GcEdKRk+b6dOaAPLdY+Hev31jeWkd1p8hufD8WjCXznX5o33BzhTgfe44xnim+KPBOu6ofFLRxWRbWI7Hy83LKFkgZdxYlRwQDg16i0JbO7nPrUEsLNnA69ff2+nt0oA821nwXqmpTeIrVbW3FvreoWt8t75ys9psEQcY4O8BG24BHP519U8J6y9zqssOmbwniaHWbeHzYszwLGqSDk8Hhm5HYd69Q8l2xvGT6mmtb9FA+X07UDPJh4a1fbFYS2En2+PxCNVGrKy7TbvJ5kgZsk525jKn721fQVn6R4RfS/DdtOnhyRmttde61C1+z4lurISytGdgzvQF1+XP8ACR0Jr2lrclTu5JOeeefWoDCyYPXByM8igdjxvTdPl0m6tr86NqNtpFr4juJGX7C6N9lngJBEWPuhyPpVXw/p4v7zwhaagurwW3malBPCXuIhgTF4CW9MEYz+Oa9vIf7wJD/3gee3f8B+VNVm2spySeo7H8KCSKy1KC+F0YHMjQTNby5Rlw6AAjkDPY5HHNS/aPUcUYbbj0GKT+EgjNA0ODhhntTN+Tik+6vTimrtLelA2aKjCisvxLDeXOkXcFgYRdSIVU3Gdig8EnHXg9K2cLtHHYVWkj3tzzW0nqzMzIdNDW9l9sEd7c23zCcxjAfbglQenBI9cHFXVjMjE98YJqwsZJJJ69c1IoC1AEaQheAAO/Sp1XbzTd1Sr8yigB6ngVLExY81CoPSp41I6UATx+uamjYliaiihLdelXoYdq8ilcAXJqzHGeM01Y+lWo1zj2pXAYsBZvarkduVHFCr3qwq7lGKQDo7fjJ61KsIzTFJHFTquaAHLGB1p+wdhTVGO+alFACBcdKeqe1Ju6VIGxQA8Zp6rUfmbunapY2+XmgByrRs5z3pQwXNIr5PWgByrTtu40DHrRuAPWgB2zbQvFLuFGR3oAKQDHSlbHY0g/OgBpppHpTzTVOfYCgBpWmlflqRm9ORUYlJwNtAEbISwpG+WpN4DcnAqEv8+OtCAG5qNl9KlamkhcZ61QDOaTb6U/HvSL3xQwGMMUzrmnyE8U1WGeKkBuCKawNSnrTWxQBWYH09q5Dxp4TudW13w7r+mmN9V0aWQJazSCNLqGVNkkZY8A4AIz6dRXa8c00/LkZOD1x3pgcHa+GNQ174jWHiq/tm0m30rTprG0tWlWSS4aVgzs2wlQowAPmJOCT2rs2jXJIA564HsKn464OaTaOBii4EDL7VE1upOT1q22B2qMrikBWe2T15qB7fbgjr3q/gelMkQelAEEce5T61BJC3IzxVtRjIpjL83NAFHyW3A7sdgcdPf8s/jivL/BF3aeB5PEeha9dR2N2dXvL9JbohVuoJm3q6seHOPlK9QQBXrLLtzzx9SKqyXDLtXcCrEgDsOc/zoEeXeEHi0X4heK2uE+wJqsFlc6Y1yvlBrVIdhiy3AVW5K5/jU461w9vBe3Gh6ezqT4LPjiRlVstB9hLMIywPWITE9sDA7YFe76hZwaupt7q0gvY9xbbPEsi7iCCcMDyQamW0gezNhLbQyWhTymt3QGMpjG3b0247dOAetAjgNeg+wfFrwpBbWypBrFneQarbLH+7eKNVeORlAAJDEgN1IOPSvM7eO4T4H6Qf7KVLaHVov9OhvFRtv2/y2yOG+YbhjPQjuM19Bab4R0XRWmbTdNhs5JkEck0eTIyg5C7ydwA9Aaz7j4c+H5fDsuhLZzx6W0wuPJiupc+Zv35zuz97nGcZzQM1iqDIDYA+6o6AfmfcfhVVmPmADkc1fW18uJVLNJtGA0hy3405bVW5xgigfQyklfdg1J824ZORVtrROcilWEAAAZoArB2Vvamxu3mH0q60A2iovJCngUDuQSKQ1JnNWfL3dRUbW+3OKAuV2crimtKDgVLJblu+MUxbfrQO5Ey7SGqOSYD8asyQkLjrUDWvqM+lAADwDmnq4PemLERkdqaybc8UAK0gVj3pglG7pTdh3elIYzn37UASFhmmuw4xSbT360xhQA9X3daY2M+lAz9KjkB/GgB4dfqacAG5ziqe0r25qTccCgZM7fLUatu4PNBy0Z7VHHnJzQArOqZBpqopbINMkzupWyq0CFfB4zUYjC5qNpB1xzSece3SgaJty7SMU1cdx+lVvO+YineZ7UDZqcYFMbHJ6VIy5WqzE8jFavdmYrTbuBQuajjiZm9BVoLsBzUgIsRbvViOMr70xFPWpY2GaQEixj0qxHH6iolwzdatKenOKYFiNQo6VZjG489KqLMB1OakWbrjrUsC6ijHBqeNQue9UIZguQRzVpW4BFIC4HCrT0lKrwM1TyW71KjEADrQBajmyx3DFTecB3qvHHup/k5OOlAFiOQ+tTb/AFqOK3wvPWpBH6mgQ7naTmhZC3BpPvcYpWT5c+lAXHeYsak5xmpY5u2c1VZdy8ipYwUb6igLk7SZp7AZGBxUO0uwGMVbUDgdaQyDndUwTin+WpxxT+lFxEaqaGU1MKPlphcrsCB703DFR+tWTikZlwcnFAFWP5sZ5NSSE7TxT4Ywmcc08jPWgLlRe3FJzkgCre0elIVC9BQBmzKTnqOak4VR61cKD0pPlJ5FAyluIYYptxjKkjmrbIN3ApjEdxmncVypk9jScgHmrLIrdBikaFaLhcrNntSAbas+Wv1pvlru6Uhlds1HuOcZq00Y6AUzyF6gYpAVy3ygnk1E1yVzhc1bMAxULW/pQIr/AGx8fcxUi3QZfela3464FNMIK4A5phcj+1bsZ9aXzw2Krag0Ol2Vxd3VxHbWsEZllnmICRKOSzE4wO3XvWfovibStfuXgsrwPMqCUxsrI/lk4EiqwBZCQcMOMA8mgLms10AelNa8QdeKSaEsisBtOMke+Oce2arPCWXBFAXJ1uFZh8wOelMuJv3iioY4dsijB64G3rzwAO3XHXtmsSPxpol7dRww3omeWUwxyrE6wSuDgrHIyhWOQehOeelAzoJG+XHWqU0YbaOmDkVPynGS3OOn8vbt+BpjKW6cGgCKNTCzY780sYPnbyKdIvy8nmoySqjBzQBZYjjHA9KY2McD9ajWQlfemybk980ASA9iMUq/XNVtx7mnpIScCi4Em3k0Y2imsccmoftAGRQBK3zd6aw2VF5/rRuDg80ASh+KQ46ioI5uxoaYKaAHtjuKiZcUvmhqhlnC9DQMkxTOuaZ5x2g560iyc0BcewA7U3aD2pHk9KA3AoHcayg9qZtGScU5pFyRUZk7UALtDGmtGFNLuHekZh2oQDWX0FMC0/dRmqYETRjI4o8kcVIzUxpNpGKkBrKOmKayjFOZqa33aAImjHBxzS+WCvNPHQUMN3tQBVeFM03ylHTmrBUL3pCPlz1oGVDboTnHNHkbjx0qx/CTR/DQO5aPeoiBmpaY2BWz3M/IMdKUgYzUJm+YYpklyzYVAQSccAn9MVNgLfmAKKaZ442UPKke/hdzAEn0Gep/A15to/xo0m6TWYr4i31HT5LzFlAGmaSOA4Yg4UFv9kHI964Hx18VF1e18Ma+ulst1oniWaAw2Mq3DsqWzPuQ7RnqpI/2e9Kwrn0I+oxLqEFl5mLudHkih5LPs27scdORz71naj8RvDuj6Pfarc6tBJYWMiR3T2hNy0DNwFZYwxyT/KvFJ7iw1zx14c1GWe98SJeeELma2kDlpZp8kt5YXhTjI9cgegFVPDvwu8W+IPBvjKy/sR9PbXLXSfssupSJDgRAGRSCd4KgDlgWbgk80Bc9I/4aA05tVtrO30LVJI21aLR57i5VbcQSScxsVb5iCM9hjHfPHsUKhSQQCc9Qc9zXi8XwLutS1nU7++1eC3iutdtddVLSFpWUwJtCZIAweDx717ZuMjFm+935pBcesXerCAnFQRsGIycc4zg+59D6H0pmn67p+qLcixv7W9Nu/ly/ZpkkMbejbT8p9j6d6VguaUeOQRViPatc1rXi6LQ9Y0zS/sV1fX2oLJJGlsE2rHHt3uxZ1xgODxnOCOuKuWeuG/1DVILOL7VHp7eRJIrgeZcYDeWgOOgIyScDcOpzRYLnQRdamAG7NeWXnxS1S4+CN14206ztLK/gtpbj7Fc7p0PlyMhQkFTnAzkccVH4u8balDP4DtrLxNapNq+pw2V6lrHCzFJEZyyht23bt2/jRYLnrfmKi8nDepPFLkhlVlKnIJ9ec/pUDRu0ZGXj4x8py/rjjuOOcYri/hW99JH4vt76/uNQks/Ed1aJJcOWcLsjIAwAOAewxRYVzvFlG0MzKMg47An0Gev51YZW3FQpDA8LjI6DjqPf0x71538TvBWi+ItL1C+12zfU2+yfZLC13MDHOchPJAP+tZtvPbbnpmun8J6TeaT4N0XTNVmF9f2tjFa3NwxPzyBAGJOMjvznPSkIu2OuaXqtxd21hqdle3NqAJ4be5jd4snGWVScc1oqRhmzwo3MfRR1J/EfrXlUdmPDfxu0JTolraafqGk3On2E1i4DNIm2aT7RDgHJVQFfPXvzVT4veKLjXvhD4lms7HX/AA+1qLeUTXcAt/PRp0DIDz2bcSMfw9iaAPZed23HPTIUkZHY1W0jVotatpZbaO4QRzSQlbiFo2yjFSQD/CcZB75rzWW11rUvitJpK+MdUh0iDSYNQjEcNsGkkNwyNucRkFHAY8DqPpWRa+LLuTw6tlqfiC+ur5/GN7pUR85YpbuGPdthaZdvkqBhty9l96RVz2xpmXBGCO2f5npn8KctweQR0HIz831x2H1r5+0Xx0snwwt7jUtYuNY8QW+q3umWFjZ6k0bXk3nMluJJFKtsVV3Fjj5cnnvsWscmg6h4H8N6n4jutX067uLpdX1D7dII2vTErwQeaG3KmGOF3DdtyT2pCueneJvGUPhc6Z9ptbmQahfQ6cpgTcsUsjBULk/wn1HvW9narbmVGzjLdAf8K8B1TUJ7fwncx3d013o+l+ObGDSbueXzHktVnjLAFsb1RjIu7PQdTXstrL4lPiCWK403Tl0Rd4S9t75mnIA+X5NmAGxjhjTEReH/ABnZeKb7XLWyS6hl0m6FpOLqHyssUDgqMnK4PWrmtahJpWj3N4tpPqUkIBFtabfMfLAcbiBwDnrXH+A2gf4kfFSOGaB3+3WcqrvAzi1VSTjoAw2n6VkfFa88SQfCXxdc6ylnolxb28clpJo+qSGQy+aARnauPlIwPmByc4xyXHc7WbxrGnizVfD0en38l9Y6dHqQAVFE8bOUwhJOWBB6jGVxzmtzS9Vttc0u3v7CVbm1nTzI5kU8jJGCO3IIKnkEEGuBS6tpPj1H5VzAzXHhJcCNx2ugwIAzz/EBnn86851qWW1utUgGo3Wm6enxKigRre5eBWjmAa6UbWGQGJ5PCkknqaBH0SskmTlSR2O04P0/z2oWRmYnA2D2LEfl/nGa+dfEVsdH0X4sNY6/qZfwzd28+jxDVZJBFvjikdT82ZFLF1w+4CtfxVrU+teNPE9ne+MF8Jy26Wl5o7kyZeExKxkiCyKkuXDBkKsTwOO5cD2a+1qGyhvXwbh7OLzpra3Ikn6EhQPVsHaOp4rFk8dWKa9Z6M8V6mo3Vg+oRxtaOv7tFG5dxGPMBK/L6k+1eZtbrYeJvi7Nb6teafqTafb3sDLePG+5rJ5GfyycZDrnj7u7aMGtLS7o6h4q+C19LO09zd6BeNJM+GaSRre3YsTnJJb/AOvzRcD0Lw94ysvE5vvsi3CPZz/Z7iC7tmgkikKhgpVvZhzVrWNWs9D0q51PUrhLPT7RTLcXEhwEQDk89/QdScCuI0a+u9L8VfEeWx0m51txrNmxtbeWOOQh7KIlsyMB1wOTXNfGC51fxH4a1K11Hwdrsekx6RcXW1FimQ3ZjkVfNKyYCxD5uCeSD/CKLgewQzrPDFLFIs0UiCRJE+6ykZDD2IIP447VMG3Z46Vw3hPxtM3gvwxcDwxr10LjT4C8ltaJtiIVV+fL8Bvvj1Vge9d60OyRgHBPfpkcZ5wTzzTAiLegxS7SRkdakaM9zSbdg4oKuV1Y85OTTDcDdgjpUvlndmoZLdmcmgLjZZ+m38aTzAe2KPKIByM0vklhnGKAZHM3TFCsOKGiJ7UzYUzxQScZ8ZtBvvEngG7tdNha6ube4tr42q9Z44ZlkeMe5UHjvzWP4k1i38ZeOPAc3h26F3eWd5Pc3bQ8G2s3gdHEwJzGN20bTySuRXpDFsAkZwc+2fWo2zdW88EhYROjKfmwMn+LPY+/XIHpRcdiGHUrW9e4jtrmKZrZ/KmSM5MT9drDqDgg8jvUu4bcnBH97t9a8f1Pw3r3h3xdarBctJqzj/QtcaMlNRiVSfs9+q/8tAOkw65/A+kXWtWVjMttPe2cd7JDuS2e4SNn+UkEBjkrkYzjnrxgigC7qVuLyzu7KOXyLia3kVZN4UjcpUN6gZK814rfQO/wLtPBUUE0Xi23it7CCyaIiRbqORQJlAGNvBbeCOp9TVrSYfEV940mU3KReJZBHLreoKm630q3OGjsbdSCGkcFSxy2QMnGFx7FHJIqsNzBW427sgDGMfhk/nQO47yjtG4jfj5sHI3dzn60vk8ZqNp+TgZPUnHA/KgStsw3B69/6igYGNec80iwCT5AMFuARyc49PT/AAqFnK5Oapa9M8/h/VIlPzNaTBccZPlsBz6UCLypGx+VlYEkjDj8Oc80/wAkn+HPvjNeJeHvhfY6l4P8M3mkeGPDczTaXbvdPfNPDM8pjUkhouPxNSv8K9ZtVLR+FrJQO9j4qvIv0IxSC57A1uGIz1pqptYk5Cr14zivGz4R8QQIdmg+IowvJ+yeMQ/A9A5qWWPXfDcWlarJe+I7Fv7YtbF9P1q8gu4nikcKx3IM85HQ0hnsLKH/AM8VWa12seasLIOw/Gms23JzVAV5IWC8j6UkcJTB71OJh+NDNxQBTMLeYcdKXynLcY981Z3cUxXIY+9AFfY4GTj8Ki+z72zV5lC1Ey7TuB+tA7lNomLY7CmspU1c3A96jYD1pCKrbvSpEHy80/djNM3UwGNCN24cEVG2eeKn27qGUdKB3KhyVzSKfXmrRVdvPSmBAO2RQO5Fu+U8UwSZ61YZfl4FV5GRWwR9KdwEZiq5qFpScU8TKVoRRIuc0gImmK5pyzfLzTpIhgc4pPJyowadwGtLkcCmedgc1KIcZ5pjQ5IGcUgIXl3duaat1jCkZqdrcKCAefWoPs/zZ70AOaTauT0prXS7QAtOkTeuO9MFudtAGkeuKwvFniD/AIRvRbm/NtJdmNSVhiIBY9ep4HAJyT26Gt9l5NYHjO1+1eEtaiRGllks5Y441XJZmUhQPfJHPbNbyIOOX4kz202hWdzbQnUtaQTQNGWWGFJEZod27lj8jZwBwprzXXPEPiLxRDpkUl+bm4vjPPpixIIN0i3EKQkBef8AVmR/mzwwr0ib4aHxHdeHbzUb65sI9P06CAWVuqiUThMSOZCMLnOMjnC12nh3w/pHheyhsNItY7W0T5kRZCzdNoYscsTgD0xUWEeYaT8LNZ1abUHuJZPDzRTasbS7EiySu13IoVwqndkIC2Tg/MMe3XeHPgxoWix20c815q8sd8dTT7Q4iRZmj2EiOPHy7Ox55roNS1eS3kxY/ZXm/eo4nkCFZFjZlUKDluQMjjioNLebxh4A0555pLNtTsYpp5rf9yw3IC4BByh6jIHHrRYRuaRpNlo1hFYada29lZxLtS3gVVRRnPRemSAcdeMmp9Wvn0jQ7/UBbS3T2sMlwIlYIX2jcRuY8dP0rgvBi2fg3TporDTNS1CLVNZuPISzRp32oViDM7sSOY85Jwdx4rm4dVutejs9Utr+4e/u4tYg1ewW4ZliiRJFjQx9EIbygDjcd55OaBXPUrHxlptxpNlqE1xBA8ttDdNBv8yVFlUFF+UMSxLYAxySKdffEqytrHzNP0+91edbaS8ltIwIJooY22O7CTbg7uAvUkHHSvL/AALoOvXvw/n0HWvDN1qu8Wd0mpROLJ5otse1dxYNHNAQBjp8oPVjXW+H/hv4k0r7Ne/2+kl7Lp0ulXf9oRmaQRGd5I2Do2DIoYgk8E4PJyakZ1dh428M+JJbCxt9WgmudTtBNHYqxFw0LoWyQPuEpz1wQPWue8NyT+F/iB4uih8Lwh7jS7a7sYtJdV8+GJmj2uGCASEuWLE9/Y13Wk+G9O0nw7Bo9mhtrSK0SzVrdhHNtVAgbcO+B65GBT9B8O2GgK/2Y3F5LIFWa6vZ3uLh1UHClmJwoyeOnJPegDl1uL7UPiZ4Eub/AEqXRZ3tNVU2txcJKQg+zkZdDtOcdB0/KrnwRElr4X1RbxXN1Dr2o/aY1UmQv5xfBRR1KFegxjb6mtjWPCM2sa3ourwahNp17pazRqFtklWRZtm8ENk/dXgjjrV++/sTwq2o+ILy6j0q3kCrezTSkQyYHyOydPMxxkdQDnOOFcDzjRfC+t3X7OOo+HE0e+XWLmC8tUs5kEJPmyyMhPmMoC7XHXFb2v8AgHUNR07wOdL0Kx0290m/g1G98x4oDiNCjIGjDBtxbI5xxzmvQNJ1yx17S7fUdNvIb7T5/nhubeTdFIOfusOOePpzwMCsdfiNpEesR6c4uvKkvTpiXvkf6M92oLGDcCctgY4GMii4F/S/A+h6b4gl1u30uOLVpd/m3bSSScNyy4JA744GPTFU/DnhG/8AC8PihjfrLJq13NfRfZLXZLBI6BQo3ttbG1cZPU981z+u/Fy68Naf4tluPDrG68PWsF0bZrxP38crttIKg4ICk4569sV30WsWM63DRXtqwgH77y5kPl8Zy5z8o68kdvai4HID4e6x4gsvDtxrvizVrbVbC3Mch09IIl8xtwaUjYwEm3AJBwPmAxk505vBNxHfeHZLXVtVaDS4p1ufOvWc3ok6+Yigbjk5B/hxgccVLN8RvCdvp93fS+I9NSzs5FgnkecYR2+6rcZwc5Bwc/nWLq3xo8NWvhfxDqum3Q1ttFGZ7OGJ9xc5CEqQv7s/89BkAA9+hcDp/DfhCw8PzR3Ky317eohjjn1K8kuZIVONyqW+6CVGcckAAnAFbWoaPaa9p91YajbJfWV0nlzQTDcrr6H/ADxgVxGofFjRtCs2mvLfU1ENnHe3QSzLtaQu21ZJFyOvJAXJwCcVa8QfFzT/AA7qms2C6PrGo3Ol2S6hP9jgXyxbkMfNUuy5UBSeeT0AODSA3tP8FeH9Dvo72x0i1tLqGIQRzRg7lTGNnXp7dzz1qRPCvhxbSazfQ9MNm9x58sMlsjRtN2lYFMF+T8x55PNXrfVbG+tbC8imjFteRxzwSNhWeNwChAOOSCCR9favMtU8P3+h+OPB99p+vapda5qF+TqdvcXDNayWYVjMfJJ2oqHYqsOSWAJ65APS28O6Hlk/sTTnVnaUp9hiI3EAM+MY6KvTHQe1TR6PpsNrJYLp1ktozZkt1tkETtgHJTGDxj8q5Lx1qGl614N8UaWmpW810umXTNa294v2hCsTHBCMCpDYzj6d6zPhT4yuPFXhXSG0uzi1DTrHS7WGe+88h5rwQKzwpHt+Y5wCxYAbu+M0AelNa2zW8du9tA9vGMRxNEpROMcDGB1pfPVJETaMH5UBPHAzjHfgGvMNC+Ll9qt/eaYdJtX1KPRW1eKGG93DcjBXglbbjeMj7hI/rzeveKtf8WaL8OPFLaBp9sbjWbOTTYxeNKZUmilDh/3fyjITpnoaQHukKwrMXSKNHYE7lQAsD68D/IqWQL5B8wLJCvLCQAgD154x9a8m/wCFtXuk3V/pes6Lb2via21Kz0+G2tbkvaz/AGrPkyCXZkJhXJ+XOVAHWs34weI59S8E/EPwzrFhCmqaXpaapbzWxZoJ4S4USKzfcZWDAg57etID2GaFPLcwpHa3ITYlwkSs0RAwNuV7ccVS0fQtM0PR47FIYWi3tLJNcKCZJXbLyNkcszH19unFclY/Ea61fw/rnibTdNi1HQrCOQWiQyN9rvJIh842AHaoYMBnk7RxzXPa78SE1b4W6rr76Zo/ibSbS4t+Le9dY5VZ03MQy7kdHcfIcdPQ0XA9ak0+wlLmTT7RmkO6RXtlO/nGGOOeRnkYqOSx0u6a0aSxs5zbjNsZIUdogMHMZI+XGR93pxXnVxatpXxj8aiCyW5e48LQXDW8paNZmEsylTkHb0xxx6AVx1x400rRLz4SeK3tTo1hf6FeotpHNJIgxHE0ECkj52ySoz6sSeKQHu9xp9hfTvPc2NpcTyx+U801uju6Z3bWJGSMnOKrnQ9Ije3eHSrFbi1UrbSLbIDDznC4GVHqFxmo9E/tK8sUOp2sOnXmMSW8E5uBDkdC21csMg4Hv6Vx2j/FT7V40tPD1zpBsJ7wXXkLJdB7iMwHP72JR8hdQWUbjxmnYDa8H+GbvRda8R6nqF7bXs+sS28oWCFlWMRR+XjDEknjP4V001tb6hazW9wgnt5kaKSKTkMrAggg+oP8vQV5rY/ESPxh4V1rUYtHmm05NOluW/s+9Q3ICjDRN0MUwXPB98dDT9A+IN5ceKPB2j2GkMdF1TQv7QFxLdB5go8oAkkZIRWGepYvwflNAHokNrDp9rFb28Yjt7eNUjRT9xFAUAfQAClaUHdhiwByOtUfEGuQaDpcl9IDP5e1YoIyPMnkYgIi9iWY4H5ngGuM+FGra1q0fixNfnWbULHW5rYpbrhIl8mJxHHnqAzEZOTjPtVAd6shYAk07dnNeafGDxvqfhnTgmhmNZ7W5tZNQu3XckEMlwkQjGQRvfcSAeVVSe4r024Ro53VUIUEnbyMLk98dcY4NADMj6U1uOpzTdu7kAge/wDjSsu1emaBgrhs02TNRRkxyHjg1YkOU46UDIeW96YwpgbbJya8+1k6xrnxMvtItvEd9oNlbaXb3arZxwtvd5plYnejE8Io6+vrSYj0BwOi9ajbauNxwfXOMe4964yTwv4qVl8vx/doMAf6Vpds+T+S1geKo/G2l3egafJ4vga21m/GnSXdvpQingUxSOXRtzLu/d45Hekh3Oz8Q+LNH8L3VpBfajFbXd1KqQ2ceXnkY8ZEaZbPzctjAGc9a8u+J0KaJq3ifWLZrPVbOOC2OvaHeKq3AjRAY57WRv4gCCFYYJBAwevp3hbwXpfhPzWsrZ2u5Rie/u5DNdTdfvSsSe/QYAyavX2hadqFxFc3Om2U8sT70eW2Rip7YyOMdvTA9KoVyhoninSvEF7e2tpcBr+2lImtXUpMpxw+DglSOjDIx361r7Y/lUDee4Q5JHtxwOnb26kYxPEnhXTvFLRS3iSx30GTb6jauUuoWJz8knU8/wALZBxyK8x8deLPFnhW/wBP8Oajqcfk6mzE+KLWBjPbWybfMZ4B9yQb0XzPuLuzgcUAjrtZ1a88V6zceGfC84hkgOzV9cRd6WK9Wji/vTEduQvfkjE6/D/VNIjUeHvFl+qYBFnrpW+iJ7/PlXXPs3HpxW/4Ps9I0fw9Z2+hrCNJUbreWKTzFfJ5dnB+Z2bcS3etxmAQnJ/H/PSgo4C61vxHoeG1zwvLNbLy19oMv2lCB1PlNtkH4bv8bl94p0O30K0v7y6kt9M1D/R0nmhdAHfja+VGzr1YYrr/ADVVcqSD1yDiuM+KVvBqXhP7LeQNd2cl7a+fD5bSCSMTKXDKoyRt3H8OKBE/h2HTfDUem+FormR7i3tEWFZEOWiUBQ2cAdhXQNH5kZBXj35PXHX8K818FaXrPhrx9/Yl+HvdKt9Mmj03U3zvkiM0eIZSQP3icjP8QwfWvSPtKNwDnPIxwB+FAiFYWToNw6kZ7dP61znjDw6/iTTba0t54I7u2vbS5JkOABHOj9BnBYLtHFdL53yn+979P8/415v410O+Pjq213w55S61baYXNkoVF1BBIQ8LD+9tAKP2P1oKPQkjXaGQqV6/KeBTJIzg965P4TXllqHhm7vLC2+x21xqd46xPEI5FHmnh17EZxjtiu224WgDPWJiwwKkZG6EVY2456VE0gPAFAEPPSnbdrU5Uy3WlcYIoAgkyDg1VuLiOxjluLiQJbxI0kjE9FUEk/kM/hWgwDYzWF4t0CfxJoN3pltdRWf2oBJZJYmcGPcCycEY3AFf+BUIRxvw18a3/iG61Wy1hFjv0KahbJFzusphmIcLy6HcrDrkDPWpYPi5ol01sqw6oguHmihLafIfNljLb4kx1fgkDvtNaGo/DlIfFWja/oKabpEtoJY7uEW5BuoZCDt+QYBVlJB9j6msmy+HetafNortc6Y50zXrvVz+9kUlZvMzEPl4bEp5HHy1TsFy7N8VvDNvY6fdNfyFb5JWhVbaVmcxnEi7Qhwy55U+hqxa+MtP1LU9LNnrlg1reWktwkTKxaZV2kyK3RQoD5DVw7aVqfgzXfBq3EdjcXbazqskMS3WwGOZGkA3FMKQSV9M49TnS0/4barpUvhxora3uUtX1NrqNJlEcf2rJWNc43qvQ4HI+pqRnSzePNNnsTPp+r6chWeFWe9LohR2OABjOWH3T0PFUpPG12uoeKLaZNNtH0m5gjhku7sxxSRyKrBnfHBwWAA6tgVx8/w/8R/8IjrWmRWMk0Uy2LWFlPcRSyRSpMHdY5Cc+UqgbdxJHIFXfFnhPWtWbx+1totxcnV7azlslVoyWmiXDZ+bAIwPqRmgD0GbW7D7UbNdQtBdF9iQtOodjgsBj1xn8h61akuBCoBkRGfPllmUbucAAE5J9hXj/izwXe3F34x1Gx8M3RurybTLuwuEtULmSMoZsENlT8pz616F488NjxV4dc20AXUrR1v9OM8Y3LNGd6rz0DYKn256gUAblxdNFHIxIQK2G6Hbnpxn9Ce3eoGYzN8wKno2Dk59BwB6evWvMPEXh28/sXQtT1HT7gWt7c3N1q9nZ24neB5lxETGVYsIwCnAyCQfWtvUdEMfwZ1G1tm1KER6XO1q16zLdAIrmJmxtIbCqdvHGPegdzrbiZrOxmuFtJ7vyxuMFqu+RuQCo56jIJ+lT225vlCkE8jg7vyxx0P614jPDFNoOuXGhXt6ul3Hhlbm5kW6mYR6gDmPa5OQxGdyjjgZzmjxFfrcan4luoNfv7XUI9HstT0m2hvJADcFXVlWInD5KIpXGPmJxnmgLnuHmBlyRgHkcg/hngU5ptny7TuHOMckevHUV5DZ6nfyeNWg1TxA+i6rb38Pk6ZHC7/aoHUAKq+ZsIJZstjcpHJxVTSNUntfBtvqF14q1G5kn1d9PfzbtEiISSZVBfaPJUjBZxnlVABBoC57K1yGDEEccnB4x6Djg5x1rLuvFuk6f5wub6OIxXK2b7lYbZmxhM4wc56j1ryK18b6xdeGdIvf7Va8Frb3K362M0f2hWinIMuwjEq+WvK8H5lOORWj4s1G7uNP8bRXN41za2Gpabe2/mKqskbNE+35Rnsw5+YYPNAXPWrfVLW+knjgmWR7dvLkCg/K2Acc/X9KgudWs7Ca3S6u4bd7mURRLK+0yMey8cnpXnXijxNrmkSeLja6nHC1ldafLC728ZAhnKqwPAyfmzk5Py9aj169v2W5sdSuhez6H4o03y7vykjkMMhjbLAEAY8wg49qB3PTTMSwyO2R7Z7H3pzXSqMEVwOi+JNe1jXHlX7BFpEWp3FncRTTKsihTtjA/i8xtoOCCMNx0rufJPOSH7gjuPXHp/gaANmT7x/z6Vka7rVt4d02fULyUw20I+ZlUt14AwOf/wBVa79RWD4qi87QdSAuI7Rvs8m24lTesZ2nBx3Occc/St5EMwfFvii40STw9cx+W+m3l7HBdN5ZLpFInyyjnAAOM59a41Ne1NtS8R28F7Hpt5qerukN5JIoEMKWyyR9VYY2qDgDoWxg4rrL7wXqGv6XDZandCW2urfy2HlLELEeRt+Xjc53nOc46YHFatn8OdDXzhd20eqxyzwzLFeIrJC8MYRWXjjhOc9aixJwWj6SZNeWaCyuLy/i1u7kuLn7OyqY3scBi5wu1mIOM8ZAxXeeBfA9touk6Tc3tgtt4ht9NisJ5/OMjIqRhSqDO0AkA8de9dT5zuv3iu4EsAO5Gfpjp+VUdY8Sab4ehWfVNStdPWQfI11Oqj6DJyTkHj1wKLCZoaHpw0fS7OxiYyJbxLE3HLEYLMR0+8Sfxokk0/R5DO62uny3DqjzBVjaWToMsBlm69a8/wDiJ490/UPCfifT9PuLuC+ttPmuo54kaNW8p1V1D552syq31PNJJ4/1Sa8j03UNAtbG7s9X06CeOaT7UrW8+QsqsAAHBDZBHBx1zQJHpeo38mm2c941tc3zw4b7PbqJJpPmA2gHAY/Nn/8AXWfpXi63vtS16zuojpv9k3EVs0l1KuJi6BwV5OOOnXoeK8n8Q+K9abQ/GVvqV9qumapDaSXdq8EyfY7iNbnCSQSqQV4MaMjDdnNW4b66X4yatfx2L6/oCXdputrO2aZ4ZmtFCXKYGGCYZSMcZz1wako73Q/HMkkOvjVTDE1lrcml20enqzmYFEaPap++53HpgcZ6A1S1XxNZ+NdW8ER6feXUen3OqXVpfWqyyW8gkit3YxShSGBDLyuefcEVmw+E/ET69f61YafJA1r4ofVILa8cQG+gkthA5HJZGHzEbxzgdeanvtBbwprvhnWtQyG1DxFealffZEeaO2Mtm0aqGUE8YUE4xkn0oYFnxNY2Xh/4neCtTe11dGutQaGfWElZrfMkbRw2zJu2qpbZzj+GvTtcttOjt4dR1O2iuUsMyxLJHvG5vlG1e7nJVeDy3GDWWfCtzfX63WqavLqVlDdC9tdNa2jhSOQcoGcfMwUHuB15z2fqHw28P+Jbae21eK81S2kvWvvs81/KFSQgABQrDCrjKjoDyBkZqQIfhlo9l4N8Nra3E1taXF1qE91ParKuLea4ZnFuBxlwuBtA5IPavLrHS5rj4e6T4Tdo08R2/jUvNbbiZEZLtpmm6cjyTkMeDuxXtOk+CfD2g2dtZ6fo1nbW1rci8hj8veY5gMCQM2TuA75rb8qEXBuVt4vtW3aZ1jUSbR234zj2oA8R+Ktr9ovvixbwxNJcXnhqyWO3jBcyPvuAigAZbsM1Bqvgm81XUPFFj4R0ibT4dR8K2ax7LaW1gluY5i7RlyoG8pkE9fm616xpXhtdD1/UNZbU72+vbyGO3dp2TakUZcoiBFGMF25OT05rpIbg3CbiSQ3UGgDwLxzprSfC/wAV6z/wh954duXtrOO4Gr3JlubmRLqPbGBvbESgkBjg/MBnGa6/xl8OdU8fXvjfU3sBok2q+HBolta3Mse+aQSGQvIYy4CjIVc9s+9eja3oemeJNNew1azjv7B2V3t5SdjlTlcgHkA9jxVqONI4Y4UQLHGixoMkkKBgDJ56UAeN+NPhv40+I1ncW+oSaQlteaP9iSCe5lKWV2NwMgAT96WBUBjynUccV1TfD7XrjW9X1K4m0vzNR8Nx6K0cbyjay+Yd+DH03SYxnnGejYHoMMe4H6Y4okDIwC4XuOMAHOaAOP0f4eaRDp2gLq2kaXqOt6Zaw239pJbhmxCNqMC3P8IPUdRiqlh4H8XR69eatJ4wtIzdSoZUh0hd8cAbi3WRpTtGMk8cls9a7aRnlYjOR0bnrVlegwSSO/egDK1Twrp2oW+ow2llZ2F9fW80DXsVmhlIkDKxLDaWJDHuc965jwv8FU8KOo0/xBPbwS6Yun31vBaKkd2qoUWYjd+6lCnAZcdK7xjtGCC2fXrU1vIzSDjGO2OKAOA8P/BlNBu9MuIvEuoyy6bpkulxj7NbhTAxUj5VXlhjljy351qL8LLWPwToPhgapdL/AGLcQT6ffCJPMjkhyYspjDqASMdT612M+Cy8e/rUHllGBDH0/CgDl9Q+FGla1Yaoup3V1cajqE0F2+rx7YpYJYMCAxADCBMMNuM/Ock5pmtfCu38QWOvR6pq11c6lrdmmn3Go+RHG6W6lm8pEA2gksTuxnJrsPM2kYGNo9MU1nLYGMg9qTA46z+FMWkXGrTad4h1DTIdUiWO6gt4o1j85QALgfL8kpIUkrgNj61U1L4L2OsaX4ohuNSuY7zxCYBf3cFpHEW8jG35OBuJ5Z+p+XB4rvFj2uXI5xjJ5OPShWMbcdOlSBzc3geWTxXdeIjrUn2y50kaTIi2sZQJuLCUc/f3EnB4/CuZHwJsrrR/C2mXepyXthoNrPaQ2txaIwnjmXYwc7uuBxjkEZ64r0tssSe9N2/Kq/dXsFGKAMzwboN34X0O302+1ebX1txshuriMLIYgeFJydxAyoJP1zXG6T8F5dH1TRLmHxXcY0XULm6gX7JGZGWcN5iO+8l22tgMemPYY9KbO3O7POef89Pao1ZguNxbAwAeeM5x9Kq4HnVn8JZbbUr6/m1S2/tK60eXSpZ7SyMIut+P386BsPIOeVx95s5zU+l/DG90ubwTPDq9sJvDunSaVIGs2aO5t38vgLuBRgIx+f59vJ8zcAZ709GYhT3HFAHNSfCDwQ0Lwx+GbKGN5lm/cBom3LkAko+QQHfpjqa5fS/hw/wqs/HWteHVtTfX8q3Fjb3D3EsSxhIsoy5JZiUbDfeyQCccV6eJHLcEjHT8iP60xd6ruyc9jnpjH+ApgeY/EL4KWnjTw/qFzbxXml+JNU8i6ngbUZ0t/PBjLK6g7SABjOM5HtXXx+AdLt9VtNQivNZM9ukaDdqc7RybVADOhbazEDkkHPGa25nTyyWUH2xx/nv9eafERIOPrQA5nVnbGM7iTgUhHHNR8rIR701pmHGeKCrinvSMOMCmq5alLjFAmReX97jt/WuLWPZ8arsBcifwxCR7FLtx/wCz12MtyI8n0Bb04HJyewA5/CvDo/HXiDWPH+keINE0mx1CDWLa803TbWa4eF2s4ZFcXkjbWARmVwOP4k9aQtT25rUbXK8c5JH5Vy/jbQZ9Um8LS2kBney1y3uJQhHyxeXKjNyOxcH8KbZ694zee1N54NtoLVpF3XMGsJKY1JxuKmNScZ5Arltb8TX/AIK8catcSzXN74NdLZb6N5GabT/OD/6TGTk+XkYYDoMHtSGentDtYgrznrtK5/PnNJ5Q246CuF8MeLLjT/BenXf2TV/FLXFzcI01kI53AWVlU8svylQuCM5wfxsN8Towp8zwt4phKj5v+JQ7j81JpiOujg+b/Z9K4rxRD5PxQ8CuOFeDVIuMY/1cTcjv9ypW+Lmgw7fPt9btjjJ8zRboY/JDWBrHjvRvEvjrwCbCeaV47y8V0a1liZUa1cE5ZfUKPxpAbtx8PZ9Jkk1DwldpoV3IfNnsHQvp1wx+8xTP7tmxy6c+obtpeG/EVzrJuLPUdKuNH1W2X95DIpeFx2aKUcOpwewI4yK31kZW/eKofJU4XjOe2ac0wbgsenrVFXK0sO3gA0iwsq5HXsR1FWmdW5z15NJlcdcUBczzYp5LxSxnyZPkcKSPlPBAxyDgnBHSuN1C7sPhVoenf2hLePphnW1N/cFZDb7mIQSnIO0DA3cnOMnrXfSNxx6YrlvHWntqWk20AsH1CM39uZoI0DAxb/3hYHquzcMdyVoGVbxoNa1b+wplvY5UjTUGaGTyo2VXyoMitypZce+Ks6VpkrWttealZWaaw0W2aS2TO0Eg7A55IxtyOlYfgnwjqvhTxvPbSyPc+HI7DZpsshLTQr5wb7PISednIB/ukelegbQ2B3wMnv8ASgDLgsY4WkZIkiMjtK+xQu5zyWOOpPc1PHnoatyRjp3qPaOOORQBVmDCohjacDmr5UNmovJ2mgDPYNngU7eccjmr/kVFJAB16mgCk0p/Kud8ea9d+GvB+qazZwwT3NlF5ojuSwQjI3ZIHp7jmuoaHbzXOfEDSrjWvA3iHTrO2+1Xl5YyW8MIcIWdhheSQBzg59qBFmPX7G4aeNby1M1tH5k0ZlXMKlcnfz8gwyknGBkcc0yHW7K+sxcW97bz2zMsYkSdCpbAGzOcbs5yP0FeZw+EPFX/AAheo6BJpMtzKbu31CO+mKN9uCSJJJbTkHh/kZRn5SAvrUHjHwfe+IP7d1SDQ7xLa4n0yWKwmtPnaaKUNcSBBnH7tVBP8RU0xHqTXFnM0Mha1ujk+XIjI4+XqUJPTIGe+fbNUPDvipNeW8kNs9k9reTWbRSSq7AxnBOVPTPpn8O/mWueD1sbnxPdWXh+6tpodZsL3TZLeydWWJfK87ysD5QSsm4DGQR6Uy/8Ks3iPV/stldW/il/E0V7p9yiSR7rN2iaRg/3fLKeblSOo57Uij2W2lnuIZjJYz2hjleERyYG9VJAkGDjaR078e9O8zqSN4B9M/Qj07/ka8TuLaD95azPeR28XjZsrHLLHvs3B3fMCCU3A854x71VkupbO1gsJtVurTw7bavqNpPdESyiIZBtd5Vg+zaXG7djPrQB7i7AnBzwMKc4I/z/AFoVlZsPxuIUnBGfXHccCuK3alb/AAlurnSb+71C9TT2kt72aAJLMFIHmeXyM7FJHPPpXGReIGtLAPp/iqTUtEvNRtEvLi33l9Mgferq0zuWVmZAT/cz2zQB6XaeNtNv4/tFtdTSf6Y1iZEhkBE6j5l6ZB9z61Wv9f0TxNo95aG9Y2t3NJpEjRAqRMcho8leDjPzdK84tNT/ALNGppp+tyvBF4zjhaQ3SSmeGZEPzP1PUgEH+E1ajvrzQV16ayvlgeDxnHHKuFIeGZ4Q68g4JDHkY6GgD0vT7OLRdJtLC1lklt7WNYovPkEh2qAqgkAA/d7elZ9n4bii8WXWvefM11cW0dq0LBPL2oWKY4yCCzc9eazfBsmr3mseIpdV1s3NppupTWaW5t441CARsrmQAEYDEe/Ndc0IRTjDn+9wc8daABc7gWCsyjGSAfrg/jQLO2eFofs0BhbaWj8pdhxjBxjHapI4ty9afDCyseaAKF3oemXKbJtNs5E3FwrW6EBiQSQMcZwPyqtceHdLvPtPn6XZS/aP9cXtkJkwcjccc47elbM0ZNQ+W2KB2MaXwroc7SmbR7KUS7RIGgXD7fu545x29KSXwXoF1HNG+kW7pO6SSqc/vGTO1m55IzwT049K1mhNTwRlcUAYUnhXRP8AhIBrR0q2TWAMC9C/vOARkn+9g/e6+9ajOFXGcii5hYyEg1B5TLx1FOwzVKk4+lUb2wtb0It3FFLGkiyKJvuq45DH6ev+NX2J4xxxXO+L7zUbWztRpzQrNNeQws1wCVCluTgfStpGdy7/AGhbC1F6J4Y7Z4/PE7nC455z19ePasrxRdR6h4E1m4tLkSxS6dM0M8L9QEOHBznrXBsdX1e3lea1m1bdp9vqVrHCQgUyhYzGoGANuGbFdd4Y+H8Fn4RW2v7Y2msXFk9hPcLIZHjRmJUAE7VbaeSB3qLCK3irxK2k+EHj+zajBbrpMc0mrKi+RFlAACzMCSfu57ZzXGeGftGsadY6fa6Nf6vBDqV5LPNFDI0ckMcpeGASP2eTaSd33UIOa9qs7ZLWxgtH3TxxRLDmdQSwVduD2PH4VcaQzABzvC9A3IH/ANf+dAHlMPwn1rxHqOq3Ws3dhaRXllf2MkloxmlljmkVoyoKiNQpCggkjIfIJOa7lPANpeLJJq13caney3MFzNeKxgDvB/qlCg8Kn93J5JJ6iuiV8feJOOmef8//AF6sQxgx5UY7fqT/ADJpCSM3SfCujaXLOLXTLaL7QxeXcPMLkktkls9yTjpmt9JmWPZk7OgUdP8A9fvUMMZLDqccVcS13e1Iqw4sZFH+fT/AVYiLK3B6gfp0/wA+59TTY4ex5q1HD36UMCVS20ZJP1NKkJXnr6VIi4wKlX72O1SIjHuTU0ce1sjn61FcJlcLwTVy3UbQtAFZo3dm3HcOwNSWdu/lDzFCtn7oNWtpVuCPyqxFGPrQBALcMMEU5bM7sk1YwF7U1pFTBJoAfHGF4AqK4C7lGMntSLefMcjAqzCpzvZMN2FAEdvYrHx1J5NWDCPSpY/XFP69qAK32dT1GamjjVSPlqXaPSlAHNAEbRruyRmm+SrdsVJj5qeE4oAq3UZERI5NVxJsx8vAq9NF5kZXOMmoms0yBntzSAreesmQPSo2uNpGF6DJq39ijDfKcUGyVtw3e1KwEMjZC4GMjNJnDD0qdLVY85bPGBSfZRtKk5osBBO+4KFPemtCUjZw2CvNS/ZSqhSec5okt9zFd37s9R60CuVLY+ZKXPTGcUtrMPOYOcBj8tWTYL1jbbkbfwpVsgqjB5XvVDFMY7Uu0BcY4p6rjANKfvYoAge3SRfu0xYBH071bKjbUbUgK7W+7npTDbA+1WG7UjUXDoVWgAqBoS3C9TwM8Ak9Bn/PSrrruHXmuc8YtqH/AAjWtxaM7DWGsJ/su3+GXYdv47sUwKfinR7fxlouoeH4NWW1nuQIpvszq83l7gXQAHgsoKg9s81meEfBEmm+INa1m+higlkYafplvD9y106Ijywv90uRvYf7o7VxuuJYWvwF0HUtDSKPW4I7BrGWNV+0SXhljEqMQdzM37wMpH8LZ6DHtrLtYAjDd1PGOT0HYfj60AVDGApZVBkznds/r2rEtfD9tHrF9qW+WWa+jSCeKZg0RVc4BXHfcy46EMc10kkYIyQD+FMVSvIJB9jQO5ieG/DVn4T0W30rTFeGxti/kxs+Sis7PtB9BuIHsKvtGzEHOSBjmrXI47Uz3pCKhD78liT2yaGEsiOqyyI7Kyo6n5kJHVc8Z+vHrVhl3NmmlRyCODSA5jRrW60iUaSbe7ubS0tk2areTB5LmVmYsm0clh7ccitCZtqvk42HDZzkfp16etUfiZealpvw78T3Oihv7Th0+aS3EXDbtvO3/axn8jXMzeG9K0fwHba7oQjgvrOwN5ZXkcmDdy+QxUSHJMu484OSDnGBVAdsVdV5BB6EDnHuTTX37OFdh6qp5989K8n1Jn8L/CnQPGWm3Vxc6ptsJp5bid3F757RrKjqSR1kJG0ZG3AAGRXQeHkuvHeu+NRdanf2Emn6s+m6fDZzbBbIsSFZDHj94W3l8t8uAAB1p8oHe+YPKHoOCRyAfyqPDdc5PqteSaB8QtR1a/8Ah9qdzLexxatY3y3thYqZFluIGRQyKAWwfnPHtXY/C3WL3XLPxC19eXF21rrd1aQrcxiNkhXYUG3aCOGxzycUirnVRKegG0dMKMdsUNlSferWza3HShoxu6cUAVNx+lRyyFeasTL6U3yd65oC5XWQsOaGJ60/aF/hp2FcYxQFyETcY71FNJ8wHTFTeTtfgUyW33tk9aBkLNkkVFIflIPQ8EdjVr7P15qCS1ZmGTxSAYZc5Xrx35z7fy/IelQmQrn19fwxUzWp3Z6gU1rdmzgUARG6O3hmXjHDEUrXB8s7XZVYk7VOB+Q7e1N+ykqQe9I1qVTApgKtywQje2MYxnt6Uxpi2AWPoO/TpUfkvnkYFTLD0OKAK7feLElmJyWbk56ZqMwxNC8PkxCGTJePyxtfPXcMc59+uB6Vbkty3PpUPkkdqAKMmj6bJGYv7Os9hIO37OmMgYBxjqOx7VTk8PaTM8ol0uxfzGV3H2ZBuYdGPHJHr1rXaFucdarx27bizckmgCgvh3RY472JNKtY47wYuFWJQJfdvU+/WrksiRrtAAHYKMYqSZdvsaqtCzdQCTQBJbn5SQc1KzYx60xbcquKVYduTjn60DH+ZxzTWcYpnLN0okhYLQMfuG3k5zQBk4xxVZFYnpjFWVbgD0pgIyjPSm+T7VKAD1pTkUwFPb6Vma5o9vrlqtvcNMqrKko8iTy3JVgcBu3etZh81Y3ijUf7J0a6uFErSiN1iSH77SFTtwe3NasyIdJ0VdHa58qQyQMEit4kXi3hUYCBurN8xJJ9RVa18aaRPo8WpvcfZ7eYFmtyC82N7J9xepLLn6ewrg7TxbqA0+GKzf7Be2ix3MzsBM15gWy4YHnnziDtxjZxyay/DOnX/iDwvc6fb2Wof2mL557DV9PdY/LjzMIyzMAp2vuV0PVZMgHtNgO30/xRNfeMLDTLBjNa3F/dx3c104UJ5UKtsiXGcfMCM9wexxXoMcJ29CM9FPOPYn1zmuS0b4e3Vvrn9qXWquLmPUpb0LaLhXWSBIyhLDIGY+MY4PWu4jh8sbeMrwceuB+f1pDGpCOOOauxoqoFxiolU7sjrViND1NSIkhjw3tV1YwfaoE+Wp0+Y80FXJF9O9TqBgZ61HGozyKmVeaGK48du1J5pZ9qjn1okU+XwcVNboO1SIfGm7AYZNTNEyr+7AyOxNOVe+afnd2oArSzMrAMChHXjNWIbsYHBJ9hSSISQc5qx5YCjAoAUzjacBjSLGJPmGVX3qRFwp+lSwr+7A7UANgtUjbcoyT3NWVG3ihV20/8KAFp2BTaUUAOooPal9KAEH3qfTB1p9ACHtVa4vobdgrSKH/uirJG5SKrTWcUzbmQbvXFAECagskmFX8TVjzkXq4Umok05Y5FYHirPkx8nAJoAj8xBjcwANI9xFzlx7U5oA3BAIpPITGAoFACecpG7K/XNN+0Rf3wT9RTjbjGGUEfSopLWP8AuL+VAh32pM/eQ/Q0vnIR99fzqs1hBJ96FGx6inLp8Ef3IlXPXAoGTeYO386d796ijtUibKrg/U1Lz3oARqjqRqZt9KQDaheTZnPT1PQVKxK1SumDSIGHy5xilYBwuPMbCLkf3u1Ne33NuBw2dwPcHBAP15NLauGjUrxVhuetUBh/8I/pFvqAvhpVml+HMguhAokDHqwOODyeRzk5rUjde2OTnAqVlDDkcVSmjdHXy8KCeaALTMOaiZgtNCS7TypPaq0xlEZJIzQBLLIqt1qHzCWG3t1qH7PIzgEFif4jVhYSpAzk96dgGLKGkxnBqRivrk0NCGbkVDP+5XdjIHakA5mx7g9QRkHjGCO/BNYGmeEtE0fUlu7HTY7edG3JsLeXGenyR52r+AFbKyNKu7GFPanpD0PSkBg2/gLQbW4glissLbz/AGqG386QwRS8/OsW7YCMnHHB5GKXUfBtlqOpXV6k15ptzeRiK6ksJvK+0KAQN46ZAJG4fNg9elbZXy87jxUUU3mHA5APOapMDDPgPS47/Qby0kuNPTQkkjs7e1ZBAquoVw4I3HIA7561J4d8KxeF7jVngu57galeNfyJMEwkjAAldoHykKvB9Pet9j8wb+Id6b/+ugY3BpOCPpT88UzaGpDIJB3zQrfKacYsH1p2wY44oFYryfSmquMGppNsY55FRRssnSgBP4qa/wB6nyKVYEU3I70FDCvBxTdu5T60/cBnvSBsnjigCFsjim4G0g1I33jUbdKAItvNNkX5cjrTg3rzSO42kdTQBDvDMMdakC+vWoIY9jEkcdvarJx170ARt3pjZPFSNxTKAGqvWowoVsY4qYttGScVWmuAr/KeT0H86AGXG1QxIFQwwbV3HvRJILq4wASi9T61ZUbQCBQAzyxwcdaRkqT36Gkf7oPegdyJVHPFNZalxTWU0wuQbabsxnFS80KhOc0x3IsGkbNTECmdaAJG9a57xdpN9rGnwpp9zBbXMNwko+0hijLgqw+XqQGJA74ronWmKu3J6H1Bx+FaSM7HLaD8PdM0Nbd5U/tO7t3EiXEyAbH8qJSABgY/docEHBAPWuqj+6q9EXogHyj8OlJjgD0GPwqRajUZNAo9cAdB2/KrC44qmue319qnRs4wTz0wp59qdgZa6YxViPvWfcaha2iztPdW8Qt4zLMHmT92o6lvm+Ue56c8Htg+KPidpPhTw7p+spDfa9bakQtlDo8BnluMoXV1HGEIGMnuwpEnbrjaMjmpo4++azdE1B9W0exvZbObT5LiFZmtbjHmQlhna3uBjPvmtGPLYwaQE4XbiplGcVEoA69alRqVwCQHaOcc96LViwY9s4FEzeYuwdTzRFBJ0Dlc9wBSAuqTxzVhW9OaqrCyj5pCx+gFTxxr65NACGYqzZH0qzbuWXDHn1qL7OVfcTUkVvujwxoAlknWJD0J9M9aWzmMkfbdnp6U37CjRkYwPXJqNYDCwG4qOzAUAaY4Az1p3NVklHRmy3tUsNysigjIPQigCYL60uKVfmFLtFADfSngDvSYFO20AJt9qXHoKOaRmKqT/SgA5FFHOASrbf7wFH4YoFcRqbzUgXdTWXb0oC4meKYw5pyqeaNvXnNAXG01hmlII+nrgkVC1wFbHX+VAyTaB2parNdNuXCZRj19KibUk3sPvBepHagC5nrSNVaO9Dbsgq2M4P6VIs+488DFADzTc4o84bSetRrMOuMjpQA9uao6go/dH/b5q60g2kqc1RZZL/BTEcQOQzDvQA3TI1EHByNx+b8atPx0NV1tpo1+WRSPXFIY588srfhQBYxuXrVaaQcdPl65oQTq3OMewqCRWaaRXGF/nQBYjk3rkAYqO42xRySOyqqjczMcAAdee1LE/lw4AP4CoLiaNredZlBiaNw4k4UgqQc8Yxzjkdwe1ABDdQzJC0UqOsy74Srht6+o557nj0qwcc4POcH/APVXzx8LbW80fUfhtYzI13o9xBcXlndSqXNs7WjLcW5YjIAk2sn++R/CAPoVW3KG9eeev41VwG4PJNRzY2HI4qZm4qCb5oyM470MCKL7g6Zp7AjBIxVWNWklWRvlVegqzJIOSOTjhakBJFEg2+vWo1gEXCiqv2pxhc5bvir0PzRjPJoGiMd80u2pCo9KZQUMYYWmVK3SozTuAhpu0fSn1GzUgGSRrIpB4quluIfu1aU5HPNMblselAEeC3Wo2XFStkdKOGHvQBDtNNwamK4703bQBEy1Eymp261G3encClNvX7mM+9C25B3Mct7Usy7mB6YqSFty5pANaodxUnFWmT5TVXb8xFAEP2gt94dKPOCgnBpY9okZan27Rnj8qAKMk3nLjke1MjsyzEsdvpVzjzSMCpcDsKAKyQ4XOOfWl2tt4qbaVU+lKvQU7gQsvy89aZsLLzUzUzdgUkBDijgdRmncZpjt82KoBjJzSMxWn03PrRcBn3s8Uxu1SNTTQVclYYqNs44qZ/u81zvjbxM/hTQvtsVoLyWS4ito0aTYoeRwisxwTtBIzgdM1rIi5tNndgdhk/Tp/MioLTWbC+vLq0tbyGe5tsefDHIJDETnaGx0JA714D4y8falr0mkxPqVzot5q2nRyWNtZ3LRRJdNeCINuAVmUqCQHyuD0ya7zwvq0Xh/xr8TppfLMrajp8aL9wyu8CoAMnP3iT0ydpqLBc6P4neNG8C+FWvoI1mvp5obW2jk5Xc7gFiB2Ayf07isXUrHxdcfFptO/wCEhZdF1XSb0tYx2wX7IqBY4nBIJLs7A8nglh24w/iN8LviB400eT7V4i097sMi/wBm6XZiJCPNjbiWQk5ULuyOpFddpPgrxLH8R7nxHqHiGBtH2iKLS7OEu0iIjKjySFR/E7uQD1OaBXOP074WaB4X8L/FsabbG6sxZtZia+lNw0ssVq8rszNn+OVeB0K1DqWg+HfFHwv+GUOteNrzwlqS6IrabLa3HlmRzDGGJwCSQVX5AwJGcdBXsNn4U09tLvtOuFa+tL64mnuVlkIMpkYswJXHy9Bj0HNXINH0nRrK006zs7KyijUi1tlSNNvHIjB6dBwB6UhCfD/+1YfA+gJ4gdm1pbKMXZddrFwMZZT0bGMj1BPOa6JZVDDacn0rn9a16DQbNLm580xySCKKO3iaZ5HOQFRVByxC56dqzfCvjy38aS2x0/TdUjspvOVNSuoFSLfEdrqRuyOQR8wXoevZAdtHMOrNweM+tWVYx8t90kVz8mqBtas7SO+0oW4hnkuUkuQZgybfuqONo53HtuWoYfiFomp2121ndS6i9mYRLa2ltIZ2819sZRGUbgx6EHHX0pWA66NBknHOatRsIV5HGQByBknoOT1NcDp/xa03VI5I7LTNQN22qf2Pbw3XlxCe5CszqGDMAqKp3N0yCB7c/wCLPFcHi630MS2Lafq2jeNNP0+7tnk3iF2fPDjh0dSpBx7dqLAex7csQPmIGR78f5P0BqOG8tJry7t4bmKa4tGQTwqfnj3Lld3puHI9jXFa58ZfDulW+tLYXcmp6lp4JNpDaTuFk3LGMkJjG4jgHJAbrXF/CfxRa2vjL4if2dp2va5LJHZ3hZNOkSS5k2FZCBIE25ZsopwNinHTgA9qutSitbrT7d4p3a+mMETRRMyKwUt87DhAQpGT3IFYlj8RtJutLvNSMN7b2FjqD6bd3FzDsEEq7fmcZyEywG7tyTxWJrXiLV5PEHw6uPI1Pw7Fd61NZ3ul3TxDz4/s8rLv2FjtLIMDdjkVQ8NJbXfhb4xWty0csP8AaurLKewja3Qtx19R74ouB66qSKhwMKDgM4wp+pyOPf6DrULMPMaIsGdRll3AMB2JXqOeMH19xXzh4cs9N1vVtFHiuRLqeb4ewTzW95cSFTcA9Sh48zZz9eetXvAtjFZyfCO8sFkttcvNIvbbU9QVX80ymACP7Q/oJBxuPGOKQHuC61pcd9eiTU7INaRGa6VbhC8KL95ioJwoyOT34rE0X4gab4ks9A1PR9a0yO11K7ERgvW/fTKAcpGobIlOVbB7V5/8KPD8WpS6HHq2ga/b+LNIt57a7utTQxWcLOpR5FcKBMJGwQMsQXycd5PDvh/V4fh/8K7Kbw7qkV/4c1eE3Qe2AZI41lV5ARnj50H+1xjvRYR6J4U8bXV1deNl1uWzht9C1QWkc0aMq+WYY5FJ5JZjvAwOp4FW5vip4StNOub2fW4Ybe1uFs5TMrpIkrAbUkQqGQnPVgoOBivPNY8FeItY/wCE/FnpUqvNr9lq9hHdkJFfx26RiSMMHyuTE2M46A1Y8ReE9X8QeDtRaw8DR6FqF7f6fO1vLexPczeRMsrvJKXKnhdqjJOCQcdwLnp3h3xho3i1tQXSbv7U9jL5VxG0bxyRsRuUlXUHay8hgCDg4JpviTT/ABBqU1rHo2uW/h+AK5nnksxdSSMQCgUNhQANxJP9K5q38I6nq/j7xreXsN/pGmaxBYCC6s7xYrhXgDb1yjEqCWH1x7Vual4dvNP8D3+kaJc3N3fywywwT6jdNLKGkJBLSMdx2hiwz6UAR/DHU9U1zwbb6hql9/actzNNLBcCBISbYORESicfMqhupPz+1WNc8c6d4fuL63lW6ubixgFzeR2MBna0iYErJIBj5cBjgZbjpjNO1bwHpWq6RpmmSG+S006ERWwsb2W2yoUKCTG65G0Z59KwV8G6t4Z8T+IL7Q47fUrLWrSGCSDULspJDLBG0SMSQxkRlIJGc8e5oEQ3nju203x9DdtrbTaBc+H21KGBUR4mxKih0YDczMGHyZxk9eCK2rzx5Z6ctmktjqn2m4tJb5bAW4+1CCMDc7AkAHJHHXkcevm+pfAO/ebwraW19GkegaL9ht9T810uEu1kWVJUjwcpuXbgk5Dn0ro/FvgnXfHGmaZ/a+laXLqtvA5W8s9QeGe0vMptmglWPIQkHdHkcgdewI6jUfiBpenvMoivb5re0j1C6Flb+Z9lt3BKvICw6gN8q5bjp672n3lvq2n299ZzrcWdxGskc8YJDKwyDg45wRx78gY58/0/wX4k8L67qGqWl1Za7Jq+l2ttfm8kaB1u4YygnyEYMrgtuBxn5cVa8O/Bfw9omh+H7GeOe+utHtY7aO6S7mhzsYsD5auAOWPUcj2oAo+KvG+qL498I2Omslvos+s/2XfzFQxuJfJkdo0J6BCg3MMZbgHg132p6l/ZOkXV+9tNcLawNcPbwANIwCk4Hvx0Neb+JPgDo19eaDNpYubZLPVFvbqGXVLkI0OHLhB5nysWYHK4PJ9TXZDwDo8WrXmpQLdJqFzHMryNeTyJ+8UhmMe7YD83pxQM5rR/iJDr1j4EvLt9S0i81rOyyitt8Ny5gLlC/ZQBuUggkgjkZFXI/iNo95pmoaokd99n0+8GnXEb2rJKlwWVdhQgE8uvT1HXmsDTfh94psdA+G2nyxabK/hW9VpmjumPmQpA8ORlMBiXJ29BjFS22i2GufGWW90jVI7vS1t1v9UtbV1aP+0Ii0cBJHRypckdcxKT1oKNwePNJm1aHR0mmWeS/bTYppIHED3SqWMPmYxuwD2xkYzXTx2oXfhdoI6uMgdOuDz9Bg89T28o1z4e+M73xMt+semajNZ+Ik1S0upr0xZtcEeSIQpCnByWPLE8k4r0bQ/CFnoOq3eowXmq3clxvxDfX0s0Cgtv2or8DBBA9KAOa+GOq6p4h0jV31aWGW9tNYvNOV44/JjZYX2gYJz0z712LbmVEQEA8DPXH+f5VyPgPwrqmn6L4ssNTjm0gapq95fQz2l4vmLHO4dSHTcVYY74rqdB0H/hH7FrYajqOpq0hlE2qXHnS8gDG7A44oAsRqVRomHOeDSxkRphl78GrGKTy9wxQBUsYmjicOOrkirQUKOBj6Uu3HJ5pN3FAEcihVJw2AMnB6e9c1D4pmn8cX/hqPTS09vp6X6XK3IKyB3ZEULjuynOTXS+YOp7c9P8muA1bwdLqnxVfW7/AExrrSF0VbJZluRGRMszzbgN6no230yRQBueCfFqeN/DsOrxWj2kM0kkaRSSq7fu3aNicdPmRvyrb9SRx3IGSOPpXmHw7+GN1Y+GI7LU7nXtBuLe4uRFbWOqlYfJeeSSMqEZhna4Bzg5B611+neC30m+hux4i8RXYiJP2a8v/Mik4IwRs9/WgBL7xvpOn+LJfDcxmj1NbA6jGnl5SeMBwRG2eWyhOPyp2n+IG1tNFm07T7h7DUrT7Y93NhFt4WX5cjuW3LhfQ81zXjbwFd+KPEd5eQ7bGaHT4DpupLsYQXkU8zgFd2SjLJtYY6H6V03gXTbnR/BPh3T7+MRXlnYQQTx7g4WRYwGGQTnB4z/s+1Ai79j8thtRWCEsiKBuHynIAPfJYfjXLW/j1I7LUNUv41t9Dt03i+YMhhKnZJDOhyVdWGM9CDXazKrZGMhhznnNcl8R7Wa78A+Kre2tZLu5u9PnjSGCMu80jrtCkAEnJPPB6CgZq2ev6dqdwttbXkc1xJbLeRxqDl4W+VXHqCf5VoOgKtt4GehHNeQeA/Dup+D/ABzd2YgkbQIdK3aZO6MGjja5DtbvnBBQlgOPula9TjndnRc5bbyff15pgWV2yOR3WkaEbs9vaq0n+jziTOd+A1XFbcSRwKQFNbEQZAHOcknvUsce3vU0jhV+bkVWDnuKAHSSfNgCmFhil+83SkeL5Tjg0FXHDG3JpjLuPFRqzDhqlGNvFADdhprKOmKmH3TTMUBcrlduaqyXCqTk4NW5mI+lZEkbSSOSp68UDLizo275sKBkmo1uo3GQ3FVvKbcRghcc1CbMbTIrFR3WncRofaY9wBbFI0wU8ndnsOtZ8AG47s+1SciVQR8pyc/QUguWjIOrfdbgEcZP16Ukm7YSAu4dQCc9P8814X488Sv4O+Kk8KTTxw6npUEcUk9xILO0kkmdHnkGcAbduMYywUcZNdF4007/AIRHwTpy6fqV8TY6pYN9smuZGacNOiuZPm5UhidnQdO1AXPRLhtzFcN3x+dLbs8akbGHf7pP4/SuEu/H9p4WvfFcsul6vM1hqdvbTrJOkmfOVfLaMMw2p8y8ds81JqvxDt7jTJXvbTVNIuLHWLaxubeGSIPG8jJs3tvIMbCQZxzgUDO6a629VYe3B/EGq7S7txAP4iuA1Tx1PYeM3AvLuXQk1FNLeC3sIyTfPECIQzMGCc5J25zwDity0+Jei6jr0WkRSOJppJYIrgoPKeSM4dQASwxzgtjOO/NAjXUu0gbGADyav+amOtZF94ksrPxFDok0d1Fcz20l3ETF8jRoPnw2cFlPb3rGvvib4fs7OC4ne5ghnhS5LGE/uIpDiNn64z16djQFzp2uV+0EDBqyuevUVwk3xD8PyatJZR3U32hbxbJx9lkEaytyq+ZjGDkY455rU8L64uof2nCt+b6S1vZICr27QtCwAIjKkZYAfxDqSKAudQzZ603diuWuPiJokEd2z3ciparI0ky2spTEbBJCG24O1jtOOmKnvvHWhaXHfS32pLbJZxxzzlopMJG/3GHy9D7+9AzoHzjNRM3y+9YifETw5PBLKupJsiuUtH3xumJHxsTDAHLZ4PQ81l+KvGyafYJcaVPbXBt9XtdOvY5FYtF5rAFeow2GBzyKYHW/w+9NXHOa51viN4Yh1CSzk1yx+0RzNbsnngYkHJQ8cNjn37VNa+MtFvlt2h1S2dbiYwRMvG6QDlQCcg9eDzx70XA2+OaY2KyH8YaJFZi6l1a0jgaR4d3mg/vF5dMdSVHX8Ko/8LD8Pf2pf2LataxSWSRvM8j7UG/kYboRjb+LDk0gOg3Hmn8d6zLjxHo9j9qNzqlnbm1ZUmE0yqIi33Q7ZwM5yOnSrVjqFpq1pHd2VxHd2smfLmhcOrYOCcjg8g9Kq4IvtnvXFfFrTZNY8HCzisLjVDJqFmWtLaMuzosys/cY+UH8M13DLkVTvriKxtzPM2xVIAOCfmPAwOOSTjOR1rRkHlOj/A0XWmxWuu3IFp/ZrWZt7di0sLm5adNsmcKI/kA4/hNd/pfg3QPD15PqiWUL3zlDNqN8wlncqqorFzwG4UDaAeTWR/wnF/51/cy6QtlpthNbRTG4lDzsJjjGAMKy5jJGT9/t3rfETxVcaPrtusFnBrFlplvJqN9F54UD94kS4wGDFcs23I5I/CbAdvf6lHp/lGQb5Jp1t41XGWlYjgAkHAGSW9FNVNB8RjWrzWLb7LJavpl/9h/eurb8Rq+/IJAXEhI9gPWucm1q61T4geG4P7L1DS4IZdQjhkvkWN7iRYgoYKGJ24MnJ60mn6tLobeOtQh0yfUsajHJHb7GiFwhghjYozqAwUq3Aznbj0oA07ZPElr8Q9M83VftWl38F2z6T5C+XaRxkCJw4G8sxIDZJGWOOlZ/xb0qyt5tE16bRbjUltNVtJJtQinUPYwiQLhEJ6MzKDgEnjPQVp2uleMpPEup6hctpemWTq6QJCJLm8EaKfLXDAKAWJcgZJzjqKtaf4b1G+tNLm8R6rdX0iQW73OmskSW7ToAQ7KFDZ3AHbnaSvSpA6DRdUOoeJLuyk0XUrKKxmAXUdQtkjhdwQo8sl9xIBzuwOM815Tpq2t/+zX4vt1MVw5n1ZRGjqzCT7TJsHy85yQQBnIavaoP3y7NxcN8vzZ+bceVPoMZ474q5YW8Wkw7LaCO0i/u26CMcHAOF6Hp+fagDyuTwelrr3hSbwt4Xi+znQr9JPJsTFA800cXlJMxCjDspzk8c1neF/Bvj7S01i/0rSrfTbzVNDtbSKbUNRVnguIzJllWMMqcMSoGBhRxya9ibxJpra1/ZL6lA2qsu4W2/fM2BnoBlm287RyRn0rCuvippNvBJK9jqrSQ6lb6c8U9mYykkzKI3IY8Jgj5uCDwMjIoAybX4V6kuieHre3vdN0Obw3cRXOleTvvIi21xM05ITd5nmZ4OQcnOea2pvhNBqNu8k2qSw6jca1Fr9zeWsCDfcRBBGqKxYCMbB3JPfNdmzLaoZJZBHHGMmdiFXaOM7ieFzkduRgVn6h4u0HRbaC41DW9NsoZ0aSOSW5QCXb12jOXAHJwCR0NAHQLNI3IkfaenOO+Tjv171Rt9GsrPVtS1KK3C32pGI3Uu85kMalEODkDCkjjHWuWvPi1oS6j4UtrG4bWE8RSSLb3VjFJKgjRGYvuVTznA2kcV1Ov2d/eaXNbWN02nTzOqfaUjDSRru+fYDkbiAVBPQkZFAC6jomnalJayX9jDeS2r+ZbtcRAmJuOVBHHQVW1Lwnp2qafcWAgt7Cyv2xfpaW6xvdIc5VioHXu3X361y/gGXUdJ1PxhYX2uT6xoWnXcEdlqWpMgcM0SmeMyYUNsZlGD0JxV3xN8Ro9Lv7bTtLSPVb+5gkuUWN5Gi8tCq4LRK5yzEAHGAQ3YYKsB3SsExsRYsLtAUAbR2XjsB2qZZJH3LvPzD7ucZ5yfr34715XF8RvFOra5o2kWHhm20q71LRZtT2a1PIslvJHKqMjIEXucDuwIPHStLw78Y9HvPCPhvV9VkbTrnWLQXAtYLeedVYllOGRCNuRgE4NArnYSeJdLXWI9EbVbRdVYDZYtOBPjZwfLz/dI755rQuLmGxt5rm5fyoIkMkhf5gAOc4A9AMDtXAeMvAWk61Npui2On2o1E6pHrFzdqgMttGkvmvIX25G8gIqns2eimuqbxYbrxFNoy6LrS7t6/bpLJksj8hbHmE8jJI4HJHtRcRd0PWtP8R6TZ6nptyt5p91GJIZRwGUcZGRweK1Pm5YlgGx6kt6DNeDfs5+KpvEOl6Bo1xeXWk/2TpcbwacFU/2lH5jbrgHaSyL9zavIJJbirXg3xhq114z8IxnXp7rTNeg1APeySRKJ5IyCkkMOCYUUgqCTlscrSA9U8VeMNP8H2sE+ofaBFc3MdojQQtIBJK4RScLgDc2OT2reZeeQSc545x7fy7V81XNpqWsfAk+INS1/VL68e9hh2yujRQiPU12yqAMbwATk/3hxxW54x1PxN8Ob7xxZ6JrOp69ZQaNDfGW9l+1S2EzThJNjkd4QZQpBHGBQFz23XNUh8P6TeajNbTTwWkTXDxW67nZVXJCg4B4B/Km6LqUWvaLYalbJJ9nvraO4iEi4cK6hlBHPO0jgV5vqU/2HxQdP0rUJtQ8N6l4avLu7Sa6a5WLaV8qZWdm2BwxGM4O08DFc98EfEyX2naXba/dvpWrW+h250mGC4cWs1oIgDMiBhvlDFgwJ4wMd6BHtl9I1vY3E0VrJdOkTskMKqGlIBbC5PXIxjtmsKXxhHD4q0TRJrC/tbrVLOW8jkkRdsaxqrNGcMTkBx04Ge2a8t8N3lxHpviDSL+ZzdyeHZbq11vSr+Rre9VPmErZOYJssNy8ZzxwDWtpF5Fd698EZp7lS82k3Ucskko3sWtItxYk5zuBHPJoA7XUvHSaG2lfb9H1C0/tPU/7JiyIz5TM5RZWAY/K23Ixzxz2rr9xOWIzk7jkED3618061qktn8OZ5bPUobvULH4gbbWTULhmVQLjEYdiS3lgFfyJ9a9U+DeqWWqeH7kkyx+I47iQaxaXMhaaG73EOAuSojznZtGCMe+QD0BoyyMdpZcFvlHOBz3P05oeMyDcwZ42JwxGRzkA9wa+ffip4qh0/wAUa5Na6jJZ3ulazpuTc3TLNtLx71giUAeSVLMzPuycj+FcbE2pG1+KsV+Z49b0291sQQ3FndMl7YSNEVEMkJyJYCp3ZXBGeTxQB6vBrStbtPqFvJpMgu/sqR3xUNI5kCptwx4clcfjVuGxt7KOVLe3itRJI0jrDGse9zwXbaBlj3NfO2oR2cvgO7F3eyXFvo/xDWPzLi8kPk25nRSWbcMKATjJOMcHNfREMkU1rG9rIslvtAikVtwZBwpDZORjvnNBVyNmZeF+Vc8gdPyqb+Idjj+Hj+VRbiOo+tLucZbOR29qAuTfdAI469KiLDn1pFmDcNUM5yxC0DJj0z1pvrVSK5YZBqXzeM0ATdjVeSTFJNKwjyOTUTK7RbiefSgVye3IZSe/r+Of6U7p0Pt/n8qpxyGPIxwelWIG8xM96Bjh3A4Hp2qi0zRtx1z1q+wx2qrJalqAMrxjNcw+D9cuLKRoL6CwmlgmQjKyLGWX8cir1jcJfWFtcpkxyxRuvpgorce3zGpLyyW8sLi2kbb58TxbsZA3KRkj05rgJPCviWWx0+3u7GzlextY7VZbPxHd2fmKi7dzJHHjJIJ5z1oEd+2eMAj8P/r1FJGT2YH1HGOOvWvPv+EP17gJY3YJ/ueMLr/2aOopPCviP5cWGt46EReK2f36NH04pDOk0m8nuvEniLTnKG0s/srR7BtY+bGWO7B56Afh7VtNZ/Or5wy5A+lcp4bvL6LxvqUerae+mz6rZ28toslyk4m8jeJFLL3HmIT04DeldqPxP1qtkBVktRIAC2QDmpVX3yak2+1Lx0FICrOpZaQKCeRUkzYB4pisMZPNACMuDxTWXPJqLUtRtdLspry7mS2tol+eWRsAZIA+pz0HeotL1ix16z+12Fyl3bb3i8xAQNynBBB5B6fnQA+Q7u3Snp92mzcZpIWJQEnvQO5KVIU1HzxUu47Tmm5zigRCR61FMg5AGKsOOaiYbuc80FXK23pnr3pWthIvpipGULk9TTSxNArldotvYce1MkTcp9enP86sEnNVrjoaBHK6l4BtdY8WSaze3X2iGawOmS6bcQoYHgLb+ehJ3DI5rCj+E91beDT4efxLc3NnG8M0UlzZq80PlSiUJu3ZIyoAzkgcdK79GYuV3NtxjrU6LnJPXOaAOB1r4YzavceIWOsJbnWrm0mmxZEmFrcpgA+ZznYM59RUWtfDK/1WPX/+JxbwS6vfWd6cWr7YXtzHx985z5Y/yTXoflhQMDGKaVzjPY5oRfQ8L1lb+3+I2sXkMUEt6NTjng0e7srnFxIkSosqMjeXkncQzqcH7xrtvD3gnV/D+rSxwalbnQGupLyKBrXN2ruxbyi4O3YGcnI+bAxxznv1Z0h8lXcREYMe47T+FRSLvyG57jPb6VTEedfFOztPEEOk6LBdT22utOs1p9njJZIWPl3BJ+6FKbjg85203xD4D1FvEX9qaH/Y8lvcWiafNBq8BkSPyyfLeEgHcQrcqxVSV5NdyJD5jIT8vTHbn2qyjenBxjPfH1/z1PrUiPMtW+Hut3Sa8kEllKmparZ6hC0s7xsqw+WGVgEIG7yuACR8x5Pbc8O6Df6VrfiW7uvs62uo3y3cIt5GdtohSNhgqoAJQH867Bl3Aeg/+v8A4mqu797g9M59u/8AiadwR5ZJ8ONTuNX1swra6XaajZ31tcxW8xeKaSUnymWLBMZydz4IBwOM1WvvBPivWNP1iKe302J7/QYdKRY73zD5sbkq7EqBzuJx24FesSQhWHp1H5f5/IVGu4S7s5x7/wCfekUecat4P13VpPENxHawQ/bLbT2gzcht09s2/b04z0BPoaqap4T8V6pb+J/+JZa291qGp2F9BGt+jlWhEXmKx4wMRnp3NetQqCoIGDjb+HpTmj+UKOF9BwOmKdwPK9W8F65d/wDCTLDpcbJqGuWepWu+7iGY4jF5gPzDB/dv+dNv/Ceu/bNWvrWwEjHxBba1aQfaolM0YhWOXkHgkBj716o0e1+OKaynkHp9aQHhuv6Dq+h+GdSv9T0640xbbU7zUYrrT7yJ3gSYjBdCdsiMcoykf3TkYram8K+J5v7YJtLV7jVPD9tEZYZIxHDdwq/yFDnI3FQMAr78V6jNaw3EflzwRzJkNtkQMMjocHv709lB5xznOe/50AeM6/4Y8ReJI/E1zJ4baNtUtrARBrmFyZoZAX6HjPI69BzXqVrM6X0NsumtZ2RgMskybNkUm7/VbV69eorRaMYPHJ6nv+dN5znvQgRbcY6Vz/iq5FvcaCWby4Tf5kYjgARSMCfYFR1/MV0bY2ms7UtNTU44AW8t4Z0njcDJDKew9wSK1e5B5tYXMvizwbcRx29wq6rdx3TyyoyEvJcriNc8sEgQEn/ZHJrsV+G/h2O6gktbRbC2UuktvaMEiuYy+8iQMCWO5VOc565rptpupEcr5rKxxJ0K884J74wOAa4az+Imm6pos4utTi0zUobv7PNa2jedPCftHlRhhjgOFGWK4BbqOKVgOq1jS49S+wTSSyQS2s6z288ZVdr5K7ctxghsEY5zVfWPFGj2Phu51m6mW80mHDbrZfOVv3gUFVA6hx17YJrnpPG0OsXGnvHpNteWS63Daiee5R8OGkVjsGcOpTo3qDjpXn3h/XP7W+CfiO0W7ZINGs/sv9nbQijMzP5xPVlYNtB7lG70AfREce11WQrvwWGQPm+8dwPJ698djXmOpeMPEFz8Jk8Urq+k6FK1rJf+ZJablQAERQAyORliAC3GMjFZFvG3ibxs21Sviix8TF/Mxhl00RZADDjy2jIAH95h3rofB6X958JPCdhb6FFrVrfabsuGnuI0ggHQFlYHep9BgjB9qkDtrezfXPDUcUl61vPfQRefNZtjAZVaQRvnPKhgGxxkkZxWX8K9C/4R+68TR2U1zLoMmpg2EdxM9wYykaLMVZiTsMinHJ+7Utp4L1jTfDFt4e0jWrfT7S30mLTo7j7IZbhJlwpkXLAY2AY9Dk9aXQ/hvd6dp72N94p1bUwvkiIr5VqIY4nLBFSPGAx+8TknaOaAOAe4luvDUNxnzNXk+JJVZOsgYXBXAPXAhDj2GfWrHxSuTPcfEKCe6kjt01vw+Iz5xUxA7GYrz8pA3HjpkHrXq0fhHR11yfWo7FUv5pDMWEjCJZCApkEedobbgFgATn61S8M+Drix13xBqesSWV/Lq80En2aO3by4TFHsH3ydxPXPb8sK4HlGqH+yJPEdjpH9pXvhrTfFlrdXdvp/+mTC0e1XLqJA+8ecFZhg52561px6fpHhvxF8Nb3T9C1OLTZ9X1KeGO5tt9xKr2wPm+UQCimTcfLwMYJxya97X7u1QFOMYX5eKy9U8M2WuaxpupXS3D3mmyNLbPHOybHZdrMdpG4kcc54ouB5rofw/wBd0O68O6pYaZGrw+ItT1WXTZp1hNpb3UbIinryoIYgevHSu3/4QuXQbHVZ/Cly66/eL5S3WtajPcRR/NlpFRiwUjkgYHII6V1n2cKoCqowc7cdD6/Xk1MsJaPaxZs9dxJzRcDjvDfg/V5tLmsPFI0LUtJaFRHp9rbyOHk3h2kmabJdieevXOe1JrHwsimvNIvvC+onwZfaZHNbRtp9pE0UsMjBmjaNsKeQGB7Hmu7jiO0dfWpvLx27Yp3Ecfb/AA3gh8Qafqw1m/mvLTTptPDTRxOZVmk8yWRyRnJcAgDAXHfPG/4J8M2/gbw1ZaLYXV1c2dmGWNriVfM2kklcqBkAnvz71qeWG6jP8ql645OfXPpQyTjL74P+GtW1S81G7OrXVzeSebOp1W4VH6gAqrgYALDGMYYjoTXaSxrNbvCAYo2Qx7YWMZVSCCAVxt6npinKoK9KFXaakDl7X4c+FrFdLWDRIR/ZW77AWd2NtuOW2Etxk9fXJ9TUtj8NPCtpMs0PhrS4pVma4V1tl3LIwwzA44z7V0PCuBVmPH1oAyrPwjomn6TJpdvo1hDpsv8ArLRbdDFJ7spGCfc1Ppmiabotn9j0/T7axtScmG3hVEJ9wBj2+nFaWaWgDEtfDemaZDNDZ6dZ21vMf3sUNsiq/XggDkcninR6Lpf7mP8Asux2Qf6lfsseI+Sfl446npWuy7qjWFQxOKAKkOkabapOkVhaQpcDbMqW6ASjOcMAOfx9akj0+wj2FbO2Bj+4RCo2c5+Xjjk9qsbQGGRxSzQjGR0oArmxsGUhrK1KlixzCvLHv069eafHY20czTx28Mc78tLHGquec8kDNRSLlcds1PG23AoAJLWGTfvghYunlsWjUkrkHBOOmQPyqJrK3W6F0ttCt1ggTrGBIB6BsZFWm+7TN2FOeaAKSaXZxxvGtnbLHIcsiwIFP1GP881YZM49hgew9PpSbm3cCh5HUfdoAY0ec03YRxng01pn5+WmiR+u2gY7ytretNkj3HOcEUomPPyc015H9KB3IDb5zg80og2jB60/zGHOKTzD3FAxjWx454pfII68g0rSHijzj0NAiNrc7ic8U6OMRDFDTBe3FM8znOOKAuTUym+djoKjNwF60BclbHcdajycYHT0/wA/SomugaRbhV70Bcds5zRtDkkgZ6dKY1wnrTftCtxnFCGY3i3Rp9T0tJLAquq2Eou7DOArSrx5R9FkUlD/AL2e1WtF1eDXNJtdQtgfIuUDgMDlW+6ykdirAqfdSKsyTbcn73BrgNa0nVdN1m7m0a51r7Beubn7NpSWhEMpJErN5/PzsN2FOMlj35oD0Tj1/Sk4rzaK88S2mDK/jBgeAG07Tn57fdNWPDvijxPc6pqmmx6bLqL2aQytJrhXTZgJN+AqJG6sMxtzkfj2kVzvZI96kd6qMpi+8cD645/Ksg6z4mjYGTwrG46Ew6rFx75ZVH5461n2+peIfFl1fW0CL4Xisbj7NczFkub3zAiOVRRlEXa6/OS3XpQMm8fWltqHhi8tL20vL2F2hyunD9+jCRSrx9TuUgN05wRg5NVfh/qGoSaVLHrTr9ta9nS3uJ4Raz3sKbQJnhIBVz0ORk4zit3R/C9joETrZiR5JG3zXFzOZ5Zj6ux6jk8fd9AKTWvD9j4gt44NQgM6xsHjdHKSxt2Mbggq3vnt0PYAts3mMV/I4xTVVoeD8y1zsd1qfha4s7TU511fSrm5W0i1JQEuIZWztEyjh84xvABOOR0rqD93b379x+B9KAImkpvnBQCRStEWxjimyRFo8Z6UAJJPjB65p7KNoboPSqyoy4+XOKkkLs3I+WgCKRs5A4qPftp3zbvbtTJAQaAELbuRxUEzZHSnndTT83Bp2ASOMK2e9P6HApqqVoZitIaHsflpv8NRtKTxSeYduCKCh+7NMlj6c03f17UnLGncCvNa5KsD0qTpxmpxxwRmmTLu5AxikIjZhUflBjnFRTTMvA69qnjkOwetAhRGPSmMqf3akaRUbGeTUHmK0m0HNBQ5V2jA6UNTxyoz1oPSgCInPI6005wc07lc01j8lAEXWm4NTbQvSmckkCgCMd80HHpTmBXjvTTnvQgLJwevSub8b+JH8J6G9/BbpcSCRV2yMQApzk8cnoAMd2Haun2jB4rC8WeE4PFlnBb3FzdW0EU3mOLbGZFKspQ9wDu6jkVq9yDybx9rt0Y74XuuXE5+3OtrbxqFXbAvzhVjG5m3kqNxwSjHkYrYtfAWq6tHeSQ6X/Z1zHcXEZN4PKW4MmpJcgblBLBY0Q5xjLAV6ToPhvTfDkZXTrNLVmPzyZZ3Zu5LsSc8nv3Pqa1VVt+49cY6dumPp7Uh2OG0/wCGEMd9d393fCC7ubyG8lGjwrAJPKMhQurZ/eHzMM2BkKOvNbGm/DHwvpZjaDRbaZkh8jdd/wCkkrvZ9pD5GAzE47ZrqF6Kv8I4AqRV+YAcAdu1IAtN0eEBwoUJjJHyg5C/QYHHsPSquh+GtM8N2P2HS7RbS0ByIgzOBn03E4HsPU1oLH81TiLcQBxSEKpfoWLf7xzVtVHlqCFPtgY6YqvHGVf1q1QwHKueOMccEVajjC4PU4xmqikZqwjdKkCaPJYk8n6VZjjGOg/KoIeatLxjmgCSNfWrKr7VGijHSpV6inYCVF9ae3amnjpSnNAmOwKXigYwKDii5I+Nqe2Me9RKD2p65brSAixlsmp4225pvllunWpY4SetADg470u8UNEMe9J5PGc0APLqqmkjkVs5qN4ztFRxLtY0AWTtbtSNHjvkUgpKAAxqRgjNR+XhgcVKtIzdqAFLcYppxim/WncbaAK7M3mDHTvT5GOPQVGyksaXnByeMUAQl9ynHWneYFQbjzUaxsqH1zTZM+Xg8mgAUlstjimeczyBcYI60RblG2l2FZNwGSaBiSEjHNM3lOozmpGRmwcYxUckZkbH92gdwjZnXO2ozN8xBGKcu6PIxxUDKxkJI47UAyVWDDnmgsOQB06VCobHHFG5o+aCRUmz8pGTQzqucil8slg44qOQGRuaAAupHK1Gzr2FLIpdcDg9qiVSvBHPrQMduBxx3pF2sDx3pJW2tgCotrLkg4zzQO5OUDKQBSQ24iB56nPWkiJ70McNTuFyRgBnH8XBxxkVylmoh+JOrhQFWbRbKTAGASs1yM/ka6jDZUDJyQDtxkDp39yK8vHjDULvx7Hd6To8GrQXtrNptsFvhF5i2sjF7jJQ/umaR0B45VfU0CR6c2A2FGSxIC+vtXD+D/F2k3l5rtxFfxyWGqa35VjIqHbPKtpCrjb/AAnfGwweeK39G1bW7rU7eK88Ppp8BP8Ax8DUoZip7fKMEknjivJPDPgvWdH1/wAK39nYzx2F1r8lxqVpLEwMEitcCK5APZ0cBsZ6IetBR7czlupzz/QUhYKORkehrBvLzxPDPIlnpGl3VspxG8+pSRylOxZfJIB/GoG1TxSijf4asSf9nWMf+hQimwOf8Y3rw+LJkZmaOKfQ5EBOQu68mRsemRtBx1wK9EYbGK++fz5/nmvPPEGn+I9dYPD4VhgvZJrIPc/2ukgEUFys33NgzxvxjklhXei7imZzHLHKA5XdG4YZHB5HvnI7HNSA81HG3UmlaRVUkniq0M3Lbjx2p2Asvg9qazGmtMu3IPSmNOrKNpyaQDsBjzTCq5PFCsc9aG+9QBDKo4xxUW0elPY/NzTZHCqOadwAjpTGxUTXW1sCkaXvnNFwDjd6U7aPWqbXI34xipFkBHWkVcfJjjnmlUj6mq0rbsEdqIpMk84PegLlzIyKbJjoajMny1G8uFyTQAyRcnpSrGWqNpzgEj6VKsnPHFO4XI2h+Zs85qKSPy5l2jFWjimt83PekMrtOyZqdW3IG6Gk8gSck809U4xQAbAyjNMaMdOoqTb2NIy4HFAED4xTYx8xJ59KcyndTlXg0ARyLu5FRsvAqdqibFAFrGAaY3XNFFavclDl7H/PWpVPWiikUKpwamXGRgUUVImWY13Y5qxt20UUEj14xipdvy5oooYAqFqtRx4UetFFSBJHw1Wo/vgdqKKEBdj4Wnr7UUVQEy+/NJJJtFFFDEwWTcKlVelFFSSSoOxp+3AoooAkQYwal3CiigBu3cfalbA4oooAjZ9q1Ekq7sHqaKKAHGYK1KzAKDnANFFACeau4gUwt8m4nnNFFABu3/SnZ+WiigBm4Y6ZNN8zsRiiigBGbvUeQeaKKAG7sniiiigALcc1EX+bNFFA0DEN2prY4oooGxmBzxTdoYEdqKKCQyVGM5FR/wAWD0oooATC5PFJwwxiiigBrJntUckYOKKKAG8DoMYpuCzYHU0UUAec+IviFdLpuuXsdj9n8P6fqR0W51GOcfa4nZkieaOIqVISSZBgnJHIHFdD4d8KpoOoXsm+MxRxQ6ZYRRkkQWsKgFSSB8zSeYzdjhaKKY0dC2SArMWAxwTx+VMLYP4/5H09qKKZQm0LjgY5xx6nP9aawB6cfTiiihgIF2lcYJ3DAYcZ7Vy/iK6fwVouravBFbjStPsJ7r+z44gjyTAGQneDtGcH+Ek5OSMCiipQGRqnibW/CnhDVtd1k2OoRW2nJeR2trC0LpOc/uiSzApkoA2c9SazLj4iX3he+1G118Wt75GkS6vFLp0bRKwiO2WEhyx64w3fJ44ooqgFtfF+sjVLXT9RgsfPvtJl1K0ktd4RXQLuhkVjk48xDuBAODwKb4Q+I154gn8Ho9tZqutaTNqE7IJAYXRYzsUEnP8ArP8Ax2iihgegLN8zEdMkZ/Ghps80UVIETSVBLjvRRQBWkHHHWmrnvRRQAqxhm5FK0YX6UUUANwMjAqPascmcdevNFFA0TM24ccCoWuI1cryT6GiigbG/KzZIx7U443DBwKKKBIPMG41FJcBfftRRQUQrqsKkg5BXjpV2G5WaPeo2j0oooARpwvJ5FH2gYBA4NFFAFZrxfMK9KZc6klqqlsnccdKKKAEW+V8YGRTYbyO5ZtuflODRRQB//9k=)

Клавулановая кислота производится биотехнологически методом ферментации. Хотя и существует метод синтеза, экономически выгоднее получать соединение биотехнологическим путем. Три других ингибитора β-лактамаз получены синтетическим путем.

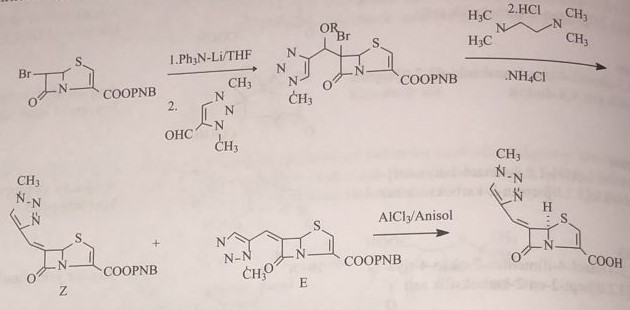
6-аминопеницилановая кислота используется для синтеза сульбактама. Для этого аминогруппу 6-аминопеницилановой кислоты сначала диазотируют азотной кислотой. Затем бромируют шестое состояние. Дибромпеницилановую кислоту реагируют с перманганатом (перманганатом) калия в среде уксусной кислоты и окисляют тиоэфирную группу до диоксидной группы. Дибромгруппа в шестом положении восстанавливается газообразным водородом при катализе Pd-C.



Сульбактам используется для синтеза тазобактама. Для этого бензгидриловый эфир сульбактама бромируют бромом по одной из метильных групп в третьем положении с образованием 3-азидометил-3-метил-7-оксо-4-тиа-1-азабицикло[3.2.0]гептан-2- карбоксил-4,4 с азидом натрия.-диоксид. Для этого тазобактам получают путем образования 1,2,3,-триазольного кольца в результате диенофильной циклизации из реакции с винилацетатом.



П-нитробензиловый (PNB) эфир 6-бромпенем-4-карбоновой кислоты используется для синтеза BRL 42715. Используя бром в первом состоянии, с литием получают литиевую соль трифениламина. В результате его реакции с 1-метил-1,2,3-триазол-4-карбальдегидом триазольный цикл присоединяется к шестому положению. Литий удаляют добавлением уксусной кислоты. Изомеры «Е» и «Z», полученные взаимодействием N,N,N,,N,-тетраметилэтилендиамина и хлорида аммония в среде диметилформамида в среде металлического цинка, разделяют кристаллизацией и очищают изомер Z. И продукт E изомеризуется. Е и Z разделяют перекристаллизацией. Этот изомер превращается в изомер Z при нагревании в среде хлорида алюминия/анизола.



**Пенемс**

Пенемы представляют собой соединения, образующие двойную связь между атомами углерода во втором и третьем положениях тиазольного кольца, и в отличие от карбапенемов сохраняют атом серы в четвертом положении. Вторым соединением в фазе III за пределами BRL-42715 является SCH-29482. Это соединение обладает очень широким ингибирующим действием на лактамазы. Он особенно активен в отношении лактамаз типа I и II. Активным изомером является изомер Z.

6-аминопеницилановая кислота используется для синтеза SCH-29482. На первом этапе из 6-аминопенициланской кислоты синтезируют 6-бромпеницилановую кислоту. В реакции с ацетальдегидом в среде этилмагнийбромида гидроксиэтильная группа присоединяется к шестому положению. Трихлорэтилхлоркарбонатом защищается гидроксильная группа в восьмом положении. Путем раскрытия тиазольного кольца 3-этилмеркаптопенем подвергают взаимодействию с этилксантогенатом и аллил-2-гидроксиацетатом и получают натриевую соль 3-этилмеркапто-6-(1-гидроксиэтил)пенем-2-карбоновой кислоты.

![Diagram

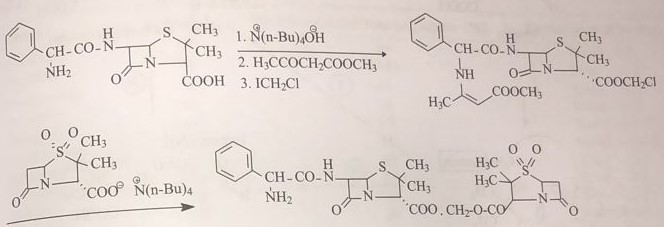
Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4SlARXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjQxOjU1AAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAMzNAAAkpIAAgAAAAMzNAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NTo1MQAyMDIzOjAyOjI2IDIzOjU1OjUxAAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAF5QAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAjgEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A9apprM1I2NVHnT7T5H/LQpvGemM4pCKcb3xZHVd6KMOCRywDAgY7bgtafJHSgAxhQMU8AYoANueMU8IMUALsGaXAFADJJ4IRuldVABJJ7D1p6skqZQgjJH4g4NADsH0FHTLNjFADfMiXaGZVLHC5I5PtQJoCDiWM4OD8w4JOP58UADywhMtKijdtzuHX0+tOC49aAIbpmjgLxxtIwxhR1PNVzNKbFZjG0TDl1I5UfjQA+1N2WIuFAGOxGM1b4AxQAyR44l3OcAkD8TUK3EUpKxHLDkjBBFMBHzz8lVmHUlaBldlXbVZximBVc1WbrQB1t7BLcIgimaPa2SVJGeCMfr+lQCG4TzJHuWBIztHIB/EfTt/OkBHPnyI/Mu3G/G7LKuR1PIAPTPSntbW5XBiTGMdKQivaW7GwjCzMQTvAfkEbs89zn606OJrFnnkuB5IBLAr0XLH/ANmH/fNAEq6nZyNtWXJxn7p6evSlbUbOFlV7hQXXcuehH1oAtrIrLuUgj1FQrqEBuHgO4OvbGc8Z4xQBJ9sh3bR5mQM48pv8KjmuHnjdLVX3gH5yuAp9MHGf880CK0xDyRw3MUimRGRyoLBlI5xgf0FSrcWliZGVZdhzk44BwX6de5oA0UkSQZRgwzjg0r42NnOMc4oAoztagwlpzG0ke2IkHkEqP5lfQ1CbKzMbMZWMZbbJ1w7bzx/30x9aAIHs7B59huXChWTytpzklmP6E9u1bFvGkVvHFGSUVQAT1NAytcajHb3RhcEADJb0GCf/AGWo336jbDYyxxyLhmB3NtI6exoAl+0vCyJcLy3CvGpIY/TqOnv9aR7ne6xRRuznk7gVAHqSf6ZoAqXEdxb2V0ZQZlJZ1KsSycZHp0Pp7Uv+ixMjpDKZXbgYIyQCf4voaYD7W/ivVygdDxgOME5UN/7MKLoO0EixsFkKkKx7HsaYzHeC+ErkTLsyNo3ZIHccjvVWRNRUDdIrfLztAGT2PI6UAVi170dTweSuOeff2x+tLGztEpkXa/cUAd4aoTxm7ZoJEdYupYd8dvx/pSASWwtpECGMKoOcL8vP4UG3t8nMEX/fApCIZLlLNkjCEx7C2EAGxVxk9egyOBUU+oWzL5UglUsVUgKp5JOBzkc4/wAcUANhjt5G8s+bGw4+dE/Lge1WBpsOCGdmySfmVD1/4DQBJ9jYWzRRXkyHnD4QkE9+lWViiD79i7+7bRk0AUlvd1/L5VrNKiqqF12gZ5J6keo/zinxXjBWK2UzZOfkK/8AsxHt0oAeszy3cTPaTRIqt80hTGTjA4Y+9WD9keQq3klycEHGSSP8KBCrLbRLxIigk8lup70tzLH9kkZmJQKdxTBOO/WgCncC1jZVlmkwig52qdoJ47eq/pTEFjuS2W4ch13JwuOMdOOvfI+tABtsCC/2tj8+3OR9706datWc8RaREvDOSdwBx8o44GAOP8aBlltjcMAc+tNJVfQUAULq5Zr2CGKIu0beY5JwANrD+tH2mcXij7NkFfvA8Drx+g5oAdPPO8EifZHyylfvr3/GrK7XiUMAceo70wI/KiVwyooIGBgf59KhnWORcSKrDrhhmgDPuLe3WN2W1iZgpIXYOT6VmfuyzxtaReYvIxFtyPp19aYypGIrhmBtZYSOucqPwptrYw2KyLDvxI5dtzluT9elAHoNMbpSAiJ4qHcCeaQhxRH6qDjpkdKb5MXeNemOnagBwiiyCEAwcjAxUnFADhjFRTx+dGFVsYOfY8f5P4UAPUKqhRyR1J70/AxQAmQwIK5qv/Zlu3UuQSxxn+8wYj8xQIP7MtikqbpMSpsbkcjAX09BU0FqkG9d5dGOdrnODkk/qf0oAkkt4JU2vGpGMdO1Iba2Lq/kx7l6NtGRQA0WVqCcQx8kHG0YGOmB26k/jTo7W3hO6OJEOMZVQOKBj8LmormNZoJI9xXepXK9RmgCCFBFHtJ3ZYnIGByewqTAU/WgA4b1+tV7mFnXEbbTkZxxuAI4J+mR+NMCo1hcYwl0wAJyN55HOBn2yPrioGsbsMjtcuxXO75zh/mz06DjigCYAmNS+N5UbgOmaryIOcGmMquMVXagDtzTHICkk4A5JNICFpEx95fTrUW9CcbhnPTNIQ4Oo707qc0AOwKXj0oAMg8YpQV6YoANwzwKcDuNAD9o9KSgQ4KOtLtBoGGOOlNyB2oEAAxkjFAw3ODQApUHk0xlXbzQMh+XFMwW6mgBduOhoI4/+vQBDOwiheVzhUUsx9AKpvfwhvLber527SvU8cfqKYFR9TtMIwkO2Q4RscMcgfzNQNf2/JDFgATkKSMDrTGDMGGQQQehqs9AHc9qqXaGSNVGfvqcjtgg0gKcmlQPuy0nzBlIz2Yknt7n6UxtKjGwxyyK8ahVOeOhHOMZ6/pSEPXTIlhMe98GPyznGcfl196uQqUjVWYuyqAWPc+tAEoxS8YoAABSHC9qADeM8CqH9qqYvMERxs34U5boeMeoxyO1ADzqYViuzO1lU/N1ySMj16U4aim0EI2SEJBOMFzgfX39qALFvcrMzJja6HkZz+tWD04oAaocDls/hSjPqPyoADk9TQOPSgAJ4qIyKRzQIYXUjimnPbj8KBjTuIxmkJIX1xQA2V08hzIVCBTuz0A71Qit4zbx/uonYKFdsc5HX9RTAY9nBj/UR8dPl6VTazhVdvkp0xnFMZHsWNAijCgYAqB6AOznlMUEkgUsVUsFHfA6VnyEXsaGRZIW3tHsJ5xnGR78DBHTNSBdJqKSeOIgO6rn1NAiTOaqTXxgWc+ST5YO1QeXOMjHHfkfhQBC2r7Si/ZnyzEHJ4UbsZPtgE5HAxSTa0YG2m3LYYL8rZycjpx7/wCOMjIBqRSLLErqQQwzkHIqSgBrsqIzHooycVFZbfKbaDw7E59zu/rQBYwPQUgjjGcIoz14oAUIiuWCgMeCQKfmgBM0yQv8pQZ+bkcdKAKss14JSI4gV569umPz5/KkWe8bbuQLknOUJxjp37/pQIi+134PzWoPyqcAEcnGV/DnnvUb3NzHIpkhBh2hmYIV28MSOTjsPzoGRG7ut8RW1Yq55Gw5T5gOT0PBJ49KfPfXEe7Fq3yhTjruycHGPQc8+tAElpdm4TLxtG4ALKe2e1WMimBQ/etLLHNGXt3BXgDpS2DrJYxSAglxuYg/xHr+tAx0neqPmpKm+M7lPQ0wKF1dR25QOD87bVx6+lQCdZJXjAO5cZyPWgDqrm+kgudht5GjChjIvQcN/gPzpDH9sVJJNwA5VVYja3r9akCL7RchDmJXKZBYNjdjvjHFIEM6CSXhmAyFPGM5AoEWwxxUJifj99IcdOn+FADlifk+fID9F/wpTHKelxJ+S/4UAV9KsptOgaOW+uLok5zMQdv074+pNaIZjQBRdWt5pLoyjac/KV9QABn6gVLp9wzW4R1KSp95G6jPQ0AWGn8tS7MFQclmOAKjtr9bppFBCujldu7kgd/1oEPku1QuqkM6LuK+n19KqjV/9FkneLbsUkRk8njjt39enpmgZZtb4XKMQMFWZSuc4wSP1xmmXjwhozMEG4kAs+0+pxQIqGW0FyYGSZWzgFZH54z2NWhaQsAQ1x+FzJ/8VQAfZIs/6y5/8CZP/iqPssecCS4P1nc/1oAaYVA4mm/77JqNoyP+W8v5j/CgZnNpm7Vhf/brpCEC+UrAI2M/eGOetXbqeRIswgM2RwaYiqt1LdO0LqUj2gMQD8x5yM9u3606Ytbyxm3CgSttZDwvQnI9DxQMhlkmkl8t2CKF3fuzyefXtVC8Q2sYa2dkLOAw+8CCeTg9/f8APNMBGhhCbTGG5zlhkk+vNV/LjR9yqN3POPWgZ3BHriq80vlDAwzkfKmeTUgUEj1D7OdzRK7ndjZyuT35xwKa179lhjW4RxM2AqqM7jjoD09fyoEWLc3HmP5i4Tnb+Zx+mM1aAJ70AGGp3zCgAy3pTJ4Xnj2h9hyD0zQBDBbSpP5kjh1ChVGPu4z0+uf0pbtBJNbZLqS5BKMVJG0nGR2yB+VADEEEd0d8gYKAB5km7Dfj3wR+dS36rLYNtIGSpDhtuORyD249KQFiFFSFFVVAAB+UU8qr43DJU5GexpgBUK7Nt+Y9TUU9w8SphNwZwDjtnvQIo3F8VuJIzZq0Y4Mhxgj5c54/2j+Rp/8AasayqirnGAxU9D/WgCzDeR3DMq/eXk/TPB/SpFIJOBQAw4zmo3IJyB9aBkLOvpTMqaABmQAnoBWfM8t1PEIGCxIdzMBznGMYPsaYEcqywTGZ5GeILyvftzj86q3V3BNbN5cpU43bgpwMc+lMBjXsDIWVwVGMsBx/nmo/NR+UwaBnbnpyahkhjZxJ/EMDr6dP51IDSD1JqncMiXUBd1ULuOWYDtj+tAiYTw9p4+m77w6ev0qSKaNz8sitx/CQaAJDkng0fN2NIBybv4qU7skg0wGSyNFA8gUuyjIUdTVQW63kwuZU34yqI3KjBIyPqP8APSgB7abE8hkKlWIwduAMDGB+gq01uHtvIY5XaBzjkUgJEBRQozwMc808ZPtTATcwNKCSORQAxs7ugqIngjYOevHWgQq4XlUAz1wKXecHAoAYzZPSot3tQMhdxn7tM3DutADWZSuNoII5qGIRw5VF6nJJ70wIr0l4tij752k+g71VeC2ZGTyYhuUg7VA46UwM6WOzZz8rbC+dwJCFs/5/lSQi3DuICpI4IBzigZ32eelMY9sVIEJcHtVea3inB35wVKkA9QaBEP8AZttuDfPu83zc5/j9f88VLFZok3mI7gk5bJ69f8f5UAXNopwAFAAQM5pQBigBNoxSbD60AKFb1ow5NADsNxQQ+OKQBlzyRRlu4pgGWHvTSzZxikA3e3IIpNx6AEUANZjj7vIpjMdvI5pgROSOtQM5PQcUAJlu44ppbgcCmBTuoPPK5OMAjpnIP9feqosEVw5JY9xjg8Ef1NMYrrxt2jb0xjiq3kpGSUjRc/3VAoA7gv7VGX55GKkBjEVGDzg0ABPPGKeDQIcDTs0AGaUEYoAWgGgBc0tAC5FGRQAZFM3g8CgBc8UmfegBODS8UAITxUZoAgkqBqYDCeKaaAGOcVExGKYyq5zkVXegDsflxyaiPzNz0pAZ087vbqFEiM5IZkQkoB+HfipbeQzQI7KyMRyGGCD3pCJhhTTwRnrSAUdOtGe2aAANjqaAT2NADw3HJpMt2NMBd5pVYk0AKWPNMLvjpSAUSN3FKTg8UwGly3GOKUNtFAC7uM4pA/HSgABzUbOKAK7yjpULNxmgCIuKTzB70wG78nFQu2MjmmMhdhjiqzEmgDsG2mo5GCqW9BzSAyX1SMKrEKfkLsFcZx2xnqT/AI02PVoyjO0ThQpYdyemBj1OaQiZtQ5I8sHaypw/duh+nI/X0qEavGIxL5bbTuxzn7u7P/oJoA0iSeh61Gl1E9y0CuPNUElfpj/EUgFuA/kHy3CsMEnPYHkflmq1nHfi5zNIHhO7GMcfdx/7NQBoFTjikw/rQA4KacMgcUwAluuadk4pAIxIHAzTQT3pgGT2pNxoAcXAWmebj+E0ADSYXoaryPtRnwTgE0AUVvfOgldIv3i52qf4jgH+tVftV2ZQPKzHuA3bCMjj/wCv+VAFoyDsKN/tTAYxyKYzUxlZz1qFiaAOxYjHaq8gOxscnHFSBlyJqKgFTuKxKCuB8z85PUe1LvuQWeaEsFxtRADzkg/ptP50CI0mu44gZbfcx2joOBxnp9T+VW7OOSS2DXMab2OQu3kDHQ+/WgC5tGBWdNPBBelGQgkAmQE8ZDHp/wAAH50ASI0t5bqybY0kUHdnLAH27H/PNSLO1qFjnBYHhXjUnPsQOQaQDmvUJ2okpkIJVPLKk/ngdxUavdRXEjyIXhOMbeSvHp3/AM8UwFe5knhZrQM3AKvj5T7D/GmLPdrDErq32hyu4YG0c/Nj2xSAntLiSWECZCsihd/1wCf1q1vFMDJS2vogsYmVlJXeS5zgAZAPbNTSC6C4JCRpIAMOdzrjH3uvU/pQBGkOoIk4EoJYHy9zZx8zH88FRSSJqPzeUxHzZAcg/Lt6f72fwoAXdqCszKN64OEbGe+P6VoQuzQoZF2OVBZfQ+lACNuqtLOqOEdsE9BjrQBWlmj2sI0ZnBwAi9/r0/WqsMrW0Xl3KhDuOGBypyc4z2696YEjTRKCzMqgdSTVaS6lLo8UbtHzuGME+/P/ANagBftiTZji3NJjkAcr9c9Kp5vRbuJFImYlUORj26UwJLfzRFsmX514LZ+970jHkigZ1rfWq8yytjZMU9sAg1IFcx3na5i/4FCf/iqaEvc8zQH6REf+zUCJF+1Dr5R/MVDeSaitpIbOKJpwPkBbgn36fzoAsWbXb26teRxJN/EsTll/UCpSqsMMoIPqKAHDgEACqNzdKtzBFyzh9xCjOBtNAA94i30e5HDeWQuR1yeR9fl6fWnXN4GtZkVJt7IwX90/XH0oAl0+UHT7fHaNQfrjkVZLDIOKAGlx6c0NIiqWYgKBkk9qAK/9o2JPF3B/39H+NNnuYp1QRXMRw2SBJ94YPGR+f4UAVSbpp/OSVQq8BC5wcbuSM+6/lWmsgKjOM45oAAQD1pd4z1oAQv71UngimcO33gMA0ARRQR2ybEJx6E9+5qC+dPsU+4gDyyOTx0oAozPZmFSGhHzJ8wAODkH9cVYa+tF4e4hU+jOARTAr6fKjy3RWRXBkyCrZ47VbLCmBC7VWdqBnWHHrUTf71SBGc/3qQbu5oEL83rThn1oAcCaXJz0pARz+c0LrE21yPlPoajgjZAWkALknBPJAzwM0ASd84GfpTs+tMCrM8sUn7hOGyx4zluMD2zzzUX2y7A/1GQGAB2H5gcZ+mMn64oAns7iSdGaaPYwIGMY7A/zJqyGBFAASuKYUiPVFP4UAN8mE9Y0/75FJ9ntj1hi/74FADDZ2n/PvD/3wKalnaxT+ekSrJt25XjigCbjHWozj1oAicD1rLwL5jHMrKEOcA+5GD+HP40AWHgiZNpUbe4x1pVREXaOABgUwIpowSHRtsi9D6j0PtVL7ZcFNyRBmK52YPB9CfamBC9xeLJnyt6duMd6sOaBnVHGKiYj3qQGHHvR1xQIUA+tO2t60AKN2etOGR3pABJzxSEmmA0kinA8ZoAA3tSbvakAm8elLvHAxTAU4xTcigA4xSYoAace9J3oAQ1GetAEZFRMOaYDMZHU0mBQAhApuABTAhcj0qBj7UDP/2f/hMehodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0b3JUb29sPldpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQ8L3htcDpDcmVhdG9yVG9vbD48eG1wOkNyZWF0ZURhdGU+MjAyMy0wMi0yNlQyMzo1NTo1MS4zNDM8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAMCAgMCAgMDAwMEAwMEBQgFBQQEBQoHBwYIDAoMDAsKCwsNDhIQDQ4RDgsLEBYQERMUFRUVDA8XGBYUGBIUFRT/2wBDAQMEBAUEBQkFBQkUDQsNFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBT/wAARCAGqAwEDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD7yamr2p26m1xHoDmqPbTv4qjZqBMbto2belJ/DSUEkbfNTW+Vac1Qs3zbWoAN1VbqLfViRqh3bmqWBX+z7aa0Squ35VWqMPirRbjVG01NWs5dQVmj+zLMrSbl+8u3/Z/i/u03xRps2ueGda0+1m8i6vLG4t4ZP7rSRsqt/wCPUhGLH8RNPbT/AO1INP1W50VpFjj1SC3VoZNzbdyru8zy93/LTbtqGb4oaTb+H9a16Wz1KKx0W4mtbr9zH5m6Ftsm1fM+ZV//AGah+H/iCG38J6Dor6bfQapY2dvY3WnyWsirC0aqrNu2+X5fy7t275v4a8z1bw/fX/wh8cNE2vfbNQ1TUGh0uO3kVZlkuNyt5fl7trR/NQI+hrOX7RbwzNDJB5kat5cn3l/3qt1xmua5qlh4k8KyQXE66TqFx9lmj+yr5P8AqZGXczfvFkZlXb/D8rbq6prj/ZagCbyVqG4iXy9u2pPN+7tVqj3M0nl7fvUAFjF+72/xVY27Wptr8u6iRqAIfKZrhv7tTLF8u2oYW3TNVqOgAVdtCxLU23+KhmXb8tMCFrf5aGX5VVWqRe1G7+9QIoyQM0m5vmq9Hb/dpypuqZfu0IZGqt/eprRM38VWF+Wnbf7tDAptG3dqGt2b7rVc2fNTdtAEcdvt+81OWL5qmWkoATyV+9R5S05aGpCDylqPyl3LUy9qKAGtbru+VacsC07dQrUDGtEtQ7V8z7tWmbau6q7LJ5zMu2gCbbRtXbUcnmbdyrTd0ysv7tf++qAJlX5qa22Xd/s03dJ3Wo5IpGk2/dWmA632szf7NTbd1RwrtqRpWVaAI1iXzvu1N5C1Csv7zdtqekAxolqPym8xf7tWGqSNV20AR+Uv8NNa3WpmTbTW70AN21HN8v3VqZWo+8vzUAY9xLMzbdu1amt1by9yqrf8Cq40S/NRHFtXigCvtk8z/V/8C3VaVW27WWhf96nM235qAK7blX7tV23Mvyx1ofe/2ahZaAKLLJt+7/49UixNt+7XAyeIJtN+NGpabcX2ptpf9jw3UNpHHNNGsjSSKzbY1bb8qrTfgr4j1DxFb+KFvZtTvFs9YuLW3u9Q+7JGrfKq/wAW5V+9uWmB3zLI/wAvk/8AfLVzcfxE0WKNpnknXTVk8n+1Ps8n2JW3bf8AXbdu3d8u77v+1XSa5ZzaloOqWtrIsV1cWs0MMm7btkaNlX/x6vJ9D1TTbX4D/wBi3ska6lb6S2k3Gksv+k/avL8vy/L+9uZv/Qt1ID0i88W6fYeIrfQXaX+1riFriGDyW2tGv3m3bdvy/wC9Umi+MNN8QXWoWdhJLLdabN5N4skMkfkyfe2/Mv8AdbdXkdrYappfjj4Z6TLq0VjrFv4ZuLe4aRVuG3L5P7vazf7P/jtdN8J2ZfGnxItbjUIr66XVoZGkjVV3L9njXdtVvl+7t/4DTKPSF3bm+WpPmVl+VttOXtT6NgH7VZaja33Lt3U5Wo3UwK80TL/tL/s05Yt22p6bTAg+z7WqNrXzZNzN8tWvmb+Ftv8Au1Hu+b7tAEc0SrH8tVbVWVdrNVq4+VWrLhuJIt26ORadhli4i3SVD9n9qJr9f7rf981C1/t+6rf980WGEkW1qz7pVZW2t8tWpLpd235t3+7Wa1wzM0a0xgsVRzWvy/w1YjbZH96mtKu1vmoAyYbdm+YUSRMv/AqtR7fm20SU0Bk3Fu1VfK27t1aklU5F3UMCrtqGSrDLVWRv7tICGT+7VVm+b5qsSVVk+9QMhk/iqrJVqSWqcn3jTQbkLfLSUrVHVAFFFFAj6YbvTvvLTa4f4xa9qHhnwPJqGm6hNpl0t9ZwrPHGsnyyXEcbfKytu+VmrIDtt3zU2SvPbfxh/aXxah02z1i6/sW30Oa+uoLm3+zr5izLGrM0katt2szN/DVfx54y1L7DoOseCNQi1zbeSR3GmwNG0d5DHDJJJGvy7lm+X5fmX+GgTPRt+6jd7153Y+Or7Xr5tW8Lxz+JdLm0+1mh037RDaqrSSTKzMzLu3L5Krt/vbqj8RfEjxV4Z0O+1a++HrLY2MLXEzLrluzLGv3vl2/NQSehMtQs37yuNXxl42aNW/4Vz95d3za9b/8AxNV5PGHjbzm/4ty3/Adet/8A4mkB2knzfNWaviPTYtebSVvIJdUhj+0SWKybpI4/7zf3a4PSdU8UfFL7cryf8ITotjeSWN1Hp8y3F/cSLt3Ks23bDH833l+b/drstF8K6X4XsfsekWMVjaszNJt+ZpGb+KRm+aRv9pqQmeV+H7+bwLqHhu1naPxL4RvGurzRdQto/wDT7NvJkmaOSNf9Yu1pF3L82771epeG/FGl+LdNW+0i6W+s/usy/ejb+6y/eVv9lqda+GdH0vdNYaTY2Nwy+W0ltbrG23+7uVaw/EHw+tdSvv7Y0m8l8PeJFXb/AGlaKred/s3Ef3Zl/wB75v8AapEljwjq15qXijxxDPdST2tnqFrb28W7csK/ZY2bb/vM26uuXd/eavE/hvrPjiw1Dxs0vhWz1y4bWmjmu7TUltYfMjt4V2rHIrNt27W/4Ft/hr0rw7rnijUtUt7fUvCMWlWMn+su11iO48v+7+7VfmoGbkeg2cuqf2l9jWW+Vdvntubb8u35V+6rbf4vvVcWJvvbflavM/ANrD8SLfXta1yOS8m/ti80+1tvMZfsMNu3lqsaq3yyN95m+981Z+g2s3h/4qaxYwWeoeIbex0HT4d32qP7zedukbzJF+ZlVdzL/doA9cZWX5W+WnKvzV5T8J/EFr4c+C+k65e299PHcNcXVw0EbXEir50nzM391V2r/wCg160y/My0ARrEq075aPloX71AFdl2t/49UytTbj5Vbb96oY93l7qAL27+Ghfu1HG25VqRW3U0AbadHGrfeoZv7tCtTESL8v3al5pi0M1Ax/NJ8qtSUv8Au0mA7dSUUjUgHf7tOpnNKtADZPlWoftDeXuFTN/FXG614t/s/UpNFtdNvNV1CO1+3TR2jRr5MLMyq37xl3MzK3yr/dpgddHcbq5G48YX2s+MtU8O6NJbWbaTbwyahfXMLTfvJvmjjjj3L/Cu5mZv4lrc0XUl1bS7PUIo2WO6t47hVb7y7l3bWrj77w5qnh/x5qniLS10+ez1xbWG8sr66+yyfaI1aONo5NrK25W27fvfL8tAhuoeOvEmg+LvCuk6v/Y9na6tdXkMlztZf3cMayRyKzSfKzbtu1vut/erW8H+MNQ17xN4ss55LGfTdJuIYbee0jbdJ5kKyNubzGX5d235az9e8Jaxr3jTwfqV5a6ZeWOlteNcQMzfL50aqqqrR/vNu37zbd391aNJ8M/8IvdeOrzW7XTLPQ9WuobiGNZGkVdsaw7Zo1VV2syq33v4ttAHon+tVWX7rVNGqrXH/Cmwm0vwDptncRxq0MlwqtGrLHJH9ok2yKrfMqsu1lX+Fdtdgq/LQMdtpf4qbS7fl/2qAHfSmqq0KrfwrQ3y0AGxaw/HHij/AIQ3wvfa01jLqEdqqtJBHIsbbWZV3bm/3q3N1cj8XrC+1T4c61Y6dZz6heXUawxwWy7mb94rf987VagR0lwqxSbVb5W+WsXWPGEek6xp+i29u2oa1fRyTR2zTeWscMf3ppJNrbV+ZV+6zM1bDXm6+jt/sN15MkLXH2lo1WOP5l/dt827zPm/8drg9e0nUNI+JWm+LoLG51XT/wCy5NJvoLRd00O6TzI5lj/iX7ysq/NQB2Wj6teXl9fWt7pradJarGyyLN50dwsm75o22r93b/EtUdJ8YXGreKvEmgx6WsVxo6w/v2vNy3HnLuj2/u/l+X73/s1YPii61DXPDdw1ndar4euvmj0tVZYZrq6Zfl3Rt8yxr/db7y7mb7q1m6H4fkvPiJ421TVrHV/s9xDYtb3do1xDHdeTDtkaPy2Xd823b/47SGdx4J8Vf8Jl4btdY+wtp8d1u2wNMszbVZl3bl/2las/SfiJa6l4+1zwjPbyWeqabDHcKzSeZHdQtt+Zfl+8u6Pcv+1XB+G9N8SaH8C9HtbW3vNKutJWabUraWZrO7aFWkkZYZGVl3fMrfN8rfd3U7xFoetalqV14m8NWNz/AG9pupW81j/aEbRreWslrDDMrM33l+Xd/wBs6AO80f4g2uueOtc8M2drI39jxxtcXzSLtZpP4VX+LaysrN/s1qeIvEceg6Pq14nk302m27XE1pHcKsm1V3f8BbatcL4H8OXHhf4oaxGtreNYtpdjbx6hPC3l3E0bTNM27/aaTd/wKvK5LOG6sY1vNL1OWS3XVrfS7n+x5JG1CS6aTyd1wu5W/wBn+9TA9wsfiRHLdeHYdU0ufSo/EEe7T7n7Qs0bN5fmeXJt+ZW2/wCzt/2q7CGWGX5Ukjl/veXIrV4Lpvg+6a8+Hs2k6Pri3mmwrDqn9sxzNbR2v2fbMqrNu/eM3yr5f/oNdt8B/Ctv4c8A6ez6L/ZGtSeZHeefa+TM22aRl3fxMu1l20AekeVTZFpy/M1DL81IBu2mstPpGoA5eHwbcL8QLjxMuoL5c1mti1p9n+6qszK3mbvvbm/u1X0PwLqHhzRdesbXXPKutSvJr6G+Wz2tayTNuk2ru+b/AGf7v+1XWM1SNLu+9TAyV1aztdQs9Hn1KOXVJLfzI4JG/fTLH8rSNtrF1bWZrX4leH9PWOBre80+8kkkaNfM3RtHt2yfe27Wb5a6b7PC115ywxtcMvl+ZtXzGXdu27v7teOzePrOL4peEY/EOoaZp+pQ2+oW91BbXHmR28kjR+THJJ91ZGVf/HaSQHsTW8bSLI0MbMv3WZV3LTo7W3VvMS3iik27dyxqrU5l/wBqmq22nsBJTt1RU/d70FA0u1lXb96m+b81QzN8y1Tm3LM3zb9y0IDSW6X/AIDTllVmVf71ePx/ETWNS8Ta9oNneabp+sabcbYfD+oWredeWvy/vo5Ny7ty7vurtr1CGRomXd8vy1QHnvgm8/4WJqnijUNXmvNtjq1xptraQXklutrHD8u5fLZf3jfe3Vk3F1eeBvil4Z0+41DXtXtW0W4k8uNppmmkWbaskkatt3Krbd1dBrWjWfhzxlDqWna1daDceIrryZraO1juLa4uFjZvM2t/q22r95flarF58O1l8VaPr0esXLTafbyWqwTRrJ5kcjK0m5vvbty/8BoAwfhv4j+0al48uL2+1JbOx1hobePUpJmaGHy42VfLbc33m/3q9G0nVLHXtNt77TrqO8s5l3RzRfxf/E1z+j+D5PB954i1aK6utYk1a4W6ktILeOOSOTaq/u23f3VX7392rHw/0a80Hw79lvWkZluJpIftKr53ktIzL5m35Wk+b5mqgOiZf7tV5IqsM1Q7qBkLRKy/dqi1mq7tv8VaDNULUDuZ7Wq+Xt+8tV2t12t8tXpmXdtVa4/xl4tm0PUtF0fToYJ9Y1aSTy/tO7y4Y41+aRtvzN95VVaYGlu8qSnM26uH8SeKPE3hm6tftVjplzbyXlrb/a4FkXzFmZlb5Wb5WVtv8TfeqGx8b6x4js9U1LQdPsbyxs5preGO5mkWS8kj+VtrL8q/MrKv3t3+zTGds1V5K4+38fahrkmrNomix3kOlyeTN5915Mk0yrukjjXay/L935tu5qb/AMLEs9WbR4dBhXU7rVLX7dGs83krDD93dI21vm3fLt/3qAOomaqcny1zMnxIsYrOTfayrrEd9/ZraXuXzPtG3d977vl7fm3f3aq33jq40u8tbXUdBuoJri6jtVZbiNo2aRWZWVv4l+Vv9qkB0kzfw1XZqzdJ8TR6zqmrWK28sEmmzfZ5Gk2ssjbVb5drf3WWqeoeMLOzvry3W3vLpbORY7q5to1aOGRtvyt827+Jd21W20Aa0lVZPvVlt430tptq/amhZpI47lbdmhkZVZmVW/i+61XLG/t9Wsbe8t23W9xGskbMu35WpgSSVC1TNUdMBlFPooA+mK5nx14SbxlpNvYrqH9nrDfW98zfZ/O3NDIsir95f4lromX5qkrIDj9S8OTL4uuvFjSNqbLpbaf/AGTFbr++XzPM+Vmb7zN/e+XbWb4b0G+ur611q6t5dGvFvri8ura5hjZriSSFY/lZZG2qq7VX+Jtu7+Ku8ZaryUCOf8N+BdN8J654g1LTVaD+2pI5prZV/dxyLu3Mv+9u3bf73+9WP8bmb/hUfizH/LSxaP8A76ZV/wDZq7hm+WvNfjlren6b4Jm0+8vIIrrUpreO3tpJNrSL9qh8xl/3VpCPRpF2yMu77vy03+Jaryatp7XEjf2pY/M27/j6j/8Aiq53x540bwf4Xk161s11y3t5I1kgtLj94ytIsf7varKzbmX5aQij8K283SfEE23/AI+PEmpSf+RmX/2WuxrltN8UW9/eeH10RYL7SdcWa8juVk8vyVVVZtqqv8TN825t27dW4uqWO75tSs93/X1H/wDFUgLXytUbfK27+Kq/9rafu2/2hZ/+BUf/AMVQurWPmf8AIQs/l/6eo/8A4qgk5X4Ytuh8WM3/AC08TXzf98+Wv/std01ef/CG4jvPDOpXCyRy+drmqSblbd/y9Sf/AGNd995f9mgaMGPwHptvql9fWd1qWmf2hJ519bafdeXDdSbdu5l/hZl+8y7d1SWPgvTdL1zUtWs5LyC81CGO3mVZv3axxrtj8tdvy7VZttbkf3jRuoBnF3nw/htfAsfg/SYd2k+XJGs99eSedatu3RyR7V+ba3zbWZa7iPzGXd+8l2/K0jfxf7TVCu5mrzXxV5kPxw8PzW+ktqskeg3UjRxyRx/N50arJuZtvyqzL/e+agR6syyfxRtt27vu1CzbV3bW218/2Phm38QeBfGELW7aRfXXjBrWGeBv31j/AKRbxr5bL/d3N935a2tF8TXWreKNL03XrOJvGHhu3vJLpdvy3i+Svk3Ef/TOT/x1t1AHtSxM38P+1UflKv3d22vBbOGPUvgK3jK6k/4qiTR5Na/tv/l5huFVpFWNv4Y1bavl/d216Jb/ABIhs7PS5Ncs76zmuLFbiS5+z7bdplt/tEkatu3btqt/Dt+XbuoA7xVb+FWb+H5aj3bG2/davB5tBmX4oWMd14di8QX1x4bkvr60aaOP/SJrzd96T+7/AKtW/hWpPhT438RXGi+EdBsGsdTmuLW+kuJ9Wmm8y1a3ulVrfd/F5ayeWrfxbaYHvG73oVvmrnfD/iq31zVNQ09LO+sbqzjjm230Pl+ZDIzKsi/N93923yttb/Zrof4aYD/N2r/FWfq3ijSdB8n+1NStdP8AObbD9pmWPzG/2d33qmb5v9qvPfi9LdLqHw9W1aJbj/hJoZI/tKs0e5be4+9t+agD0jTdZsdZtVutOvLa+t923zLaZZF3L/D8v8VXFl+avnGx17XtJ8YeLreDUILHWr7xRpNvdXem26yWnkzR+Wqqsm5lkVVbdu+b7tevalpviprXT4dL8UW1nNbx+XdXN9pa3DXTf3tqsqr/AMB/vUMDst2yms3zV57/AGN8Rt3HjjSP/Cd/+3Vk+Fbj4jeI5NcVvGGjwLpuqXGm/wDIvq3meXt/ef675fvfdqQPWPN+anK3y15/JonxCX7vjjSP/CdX/wCPVz+tQ+NpvFHh3w7qnjBW03WGuvtEmk6atjcqsMaybVk3Nt3btu5fmpiOy8RfEix0nWP7Fsre517xB8v/ABK9NXc0K/3ppPuwr/vNXM/FTSNP1bWvO/4nGh+INPs1k0vxFo1rNIzMzSbrdtqssi/Kv7tv71dt4Z8M6X4S03+z9I0+LT7X7zLH96Rv70jfeZv9pq2F3bfvUbAed2fxE1jwlpekzeN/D7aZZyWdu11rOnt50Nrcbf3i3EK/NCu7+Jdy/wC7V74jXEOpaf4JuLWaK8tbjxNpskM8DLJHIu5m3Ky12jL8rbf4vvV4z8TPhvHoeqeE7zwhfN4cmvPElqslisfnWHnbZGW4+z/LtZdrfdZd26gD3Bdu6nTXUdhDJdSzR20MK+ZJPI21Y1/vM1edx+H/AIiS/wDM9aV/4Tq//Hqy/igupWGj+A49evoNQ09fEVv/AG1dx2/2eGSP955O6Pc22PzPL+8392kB3S/ETwvtkm/4SLTdqr5kjNcKu1f73zfw/wC192r0njDRYo9PkfWLNY9QbbZs0y/6Q3/TP+9/wGuL+Ly2cvgXxNNd+W2pR6DqH2fc37zy2h/ef8B+7WDqn9sRal8IVvWsWt/7Sj8lbSORZPl0+bbu3Nt/75oSA9o3fw0bq4+z8W3UvjTUNDls7aJYbNbyOSC68yTa0m1fMj2r5bN95du75a6iNmbbVDLW73ofb3oVWoZaBDl2tTWVmb5dzUR1y/xE8P6Hr2hzNr0M95Z28beXaRzMvmTN8se1V+9J/Cv+9QB0zLTVtdysyq3+0y1j+CdN1LQ/Buh2Or3DXmqW9nDHdTs25mk2/N838X+9XG/EB/s/xW+Hs0GmyahJJHqCyQQNGrSeXHG0bN5jKvy7magDvNY8K6Tr0cK6vpNrqax7mj+126ybd33tu6r0dvtjWGCPbGq7VWNflVa8l8D6lHpfjb4nahLo95FJHfWax2MEa3Ey+ZbqzKqxsy/M3zfK1WNH1a1+KXxIvre4Vrnw/p+i2d9Y2k+5VuGuNzNNJH/FtVdqq33fmpAejX2h2OqSW7X+nwXMlu26Fp41by2/2avbWlZmVWb/AHa5Nbrw38NPMhvNWj0yHVLjzreC7mZtrLHHGyx/e+X5V+X/AGq5/Tdvjr4neMrPWY2udP0FrW1s7Jmbyf3kPmSTMv8AEzfd+b7qrQM9M2s3/LNtv+7XN6P8OdB8OXS3Gnab9m27mhVriaSOHd/zzjZtsf8AwFa4HxdoMPg3xt4D+xx6lqcd1qV9J9mjm3SMv2fzFj/eSKrLG3zLub5aw9a8YX3hm++LWuWdjdafqFjY6e1rBqDbvs7TblkmVVZo/wDa/wCA0WA96W3ZfvK22pPlryv4kWf/AArvwKvibRrif+1tLa1kkkkmkb+0I2kjjkjmXd827du/2W+7XqTfJI23+9StYB0f3jTvvNtpqr/dpzfLTAq61dTWGj3l1BHHPJbwtMscjbVbau7bu21wN18UL63+H+g+Kl0eBl1aa1j+yfam/drcMqxtu8v5vvfNXceIFk/sHUlihluZpLWaNY4/vMzKyrXh83w3urf4S+EbW38O33/CRafcafJeQK25o/JkVpm2+Ztbdt+XbRYD3C6vYdNs5rq9kjght42mmkZvljVV3M1cfD431i/8Pr4gs/Dqy6TJH9ohg+2bb1of4ZPL8vb935tu7dWT8RtButZ1a1sVvNQgsfEFvdabM32jdDHI1u3lq1v/AA7drNuX5t3yt96tDwfq2saX4b03Sb/w7qC65Y28dmzLH/oknlrt8xZvu+W33v73+zQBN4i8P+IvFWqXFnPqi6L4ZVtu3S2b7beL/wBNJP8Aliv+yvzf7VbGl+CNB0nQ5NHt9Hs10ub5ZrNoVaOb/rpu+9/vNW5H935l+ajigDgV8G694Fj3eC75b7S1+ZvDOrSM0ar/AHbW4b5of91ty/7tbXhnx9pfii8k01Vn0rXoV3XGjalH5N3H/tKv/LRf9pdy10vNebfH7Q7HWfA9rJe2cU8lvqlisc7L+8jWS4jWRVb7y7lbb8tG4HpXlzfd8tt3+7R5Uy/8s2/75rz1fgf4JZvm0WWL/d1C6/8AjlDfBHwft2rY3y/7urXX/wAcosNHTeLPGGi+C7FbrW76OxWRtscH3ppm/uxxr8zNWD4f1nxV4o1iG+bSYvD3htVZvI1BfMvbr5flb5W2w/3v4mrnfhr4L0fQ/iV408i1aWSzktVtZLuRriSGNrfcyrJJubbu+avWl+7TGeV/ET4fa1480+8sbzS9OnmjvGm0fXVuvLudPXzNytt27ty/3Vba38VbGoXHjDwfcSXTQt420Nm3SQW0aw6jZ/8AXNfu3C/7Pyt/vV3vNJ/u0wPI/FHi/RfGU3gG80S+ivo18QLHIq/LJCzW83yyRt80bf7LV6tGq/wrXkfxw8AaLrOteD9UaGTT9Ym1qGzk1TTZmt7lo2jk+9Iv+795q6KP4Rwwr8njDxmq/wDYcZv/AGWnYDstW1Sz0HT7i+v7hbOzt13SSN/DXOzfEbS7eSFbix1iz+0bvs/2nT5F87au5tv+1tX7v3q5f4peD9QsfhvDDZXGp+If7L1S11K4W7m+0XM1vHJukX7vzbfvbf8AZrqI/GnhnXLOFrfVLHU45I2mXyJFk8n5f9Y3/PP+78396hAV/wDhaXh3/hF7XxJ9ouv7FupFhhufscnzMzbV+XbuXc3y10kMv2iNW2t8y7vmr5pX7R/wzXot03iCL7LHdWa/YWhh/hul+XzPvfLt3V7ZrHia80nxRoNn5li2n6o0kKqyyLJuWPduWT7v/bP/AIFTA6hqhb5amX7tQyLQBVkrhfH3hnUL/WPDviDSI4rnUtFkkVrGeTy1uoZFXcqyfwsu1WXdXaX15b2Fu011cRW1uv3pJ5FjVf8AgTVl/wDCR6PL93WNMb/dvo//AIqqGcL44s/EHirQ7VYNFa2a31K1uvs0lxD5m2OTdIzNu2/7qq1ZfhfSdc+HdvqGiwaHPq9jJeTXljd200a7Vkbd5cys25drN95VbctekSapp7N8uoWf/gVH/wDFUNPC3yx3UDf7sytQO55vo+m6x4FuvEWzR5dVj1K6k1K1a0kX5ZpF+aOTc3yru/i+b5WrD8P/AA+1DwDeeG9SWGTVY7fTW02+gtF3SR7pPMWSNf4l3My7fvV65I0f8LKzf7LU2SJmX7tAHieoeD9WuNam8YJp86zLrC3y6T8v2mS3WHyW+X/npt+bb/wGrXjjVG8QWOk/ZdP1dbeHVLeRp1tZoZFX94rNt27l27l+avVpreT+63/fNU7i3k+9tagZ5PpdrdabqHjiG3vNSsWaaO6hvrmFpmk/cqvytIvzfvF2/wAVN8H6lN4ZutWsdejeK+vrxr6Hyo2aO6Wb5m8tvu7lbcrK1eiaxo1vrljJZ3tu09qzKzR7mX5lb5futUNvZrptnHawKy28a7VXczfL/wACoA4HwDeWuk6Pb+Hb1vK1azkkhmtJF+ZVVm/ff9c2X5t1R/DnVriXT7WxeaCWGOxhmh8tWVtvzK3zfdb7v8NegTO25V3Nu/hrldL1TRdc16+ksNSjvNQtWa3uLTzPmt9rfN+7b5l+agDcZt1N3UNSUwH0UyigD6dam7vejZTW+9WQA3+1VeRasNXF+NPEF9F4k8K+GdOmaxuNckuJLi+VVaS3t7eNWk8vd8vmNuVd38PzUAbWuXl5puj3V1p2myavfRr+5sY5Fj8xm+X7zfdX+Jv9mvHdP8H3Hj7VNUs57qLVZLhlh8ReJFjVo1VW3f2bp6t8u1f4m/h/2m+732n6peaT8Tv+EXe8udQ0+80dtUt5LuTzJreSOZY2Xd/Erblb5vu111rZw2FvHb29vFbW8e7bBBGsarubd91aQmcr/wAKn8Dqu1fBeg/+C2H/AOJqv4g8Px6boem6XoeipFax6la3DW1iscKwxxzLJI21mVf4a7ZqrstIk870H4c3Xhf4mTahYTL/AMIvNb3Ey2P/AD63kzR+Zt/6ZyKu7b/e3f3q0v8AhU/gtmZm8H6CzN/e0+P/AOJrstvy1HI1IDk1+Evgfb/yJ+h7v+wfH/8AE0TfCXwO3/Mm6D/4LY//AImuoWpFagDnbPTV8L2+k6X4f0G2i0v7QyyLAywx2cfzM0m37zMzfdX/ANBroPmX7y035VauP1jXNF+F+nx3F42oSx6pqnltJ81xI1xM33m/uqqr91f4V+Xc1AtjtFo21g2vjfQbiPUJP7SS2XT41mvFu1a3a3jb7rMsirt3basaT4q0vXriS3s7pmuo41ma2nhkt5vLb/lptkVWZf8AaoEaF9dR6Xp9xdSrLLDDG0jLBC00jf7qr8zNXm8njTwzL4oj8Qf2T4x/tSO1azWRdFvvLWHdu27du373zV2U3jzQbC+mtZ9SjiaGb7PNJ5cnkwzf885Jtvlq3zL8rN/FV7WPFVjoMlvDe3jRXFxu8m2jjkmmk2/eZY41Ztq/7tAHl9jq3g+10+S1i03xtFDJqH9qSf8AErvtzXW7d5m7b/eVW2/drWm+IPhu416HWP7B8S/2pbwyWsdz/wAI7eK3lsysy/d+7uVa6qz+I3h2/urO1g1ZZbi8mkt7eNYZP3kkf+sX7vysv8W77taGm+KNN1a+1DT7C88+60+RY7qDy5FaFm+6rbloA8tXVPBfl/Z/7D8W/wBmtcfam0n+xb77F5m7du8nbt+98237u7+Gq+reN117xYs2qaHqtz4fh/491/sHUPtK/dZm2+Xt3MyqrfN935f4mr25mZl+9TVZt3+sb/vqgDyXUNe8K6vr02tS6b46i1KS3W1ae00vUIf3O7d5e1V+7u+am6Xr3gnw/fafead4b8XWcmn28lrbxx6HfeWscjbpNy7fmZm2szNuavYFlk/56N/31QsrbvvUAeP+D/idNa6hql1r2i6v510yssmn+H9QZtq7tsbeZGu1VVv4f4mZm+9XVf8AC3NH3bf7H8Wf+E3ef/E13Sytu+83/fVSKzbflkb/AL6pgeG+Jv2mLHw5460HR/8AhHdZn0/Uo9rST6fNb3qzeZtXy4ZF/fL/ALvzf+g165q3hnR9ekj/ALU0uz1Nrdm8v7XbrJ5f+7u+7VibQ9Pl1qPWHsYJdWhh+zx3zR7po4927arfw1cXbE1AGL/whOg/Y4bX+xdN+ywyedHB9lj2xyf89FXb97/arcji3bmb71DNTlai4Asa7l+X5a4n4Vxf6H4qk3f6zxNqTf8AkTb/AOy10niTxRpvg/Q7jVtWuPs1nb/7O5pGb7sar/EzN8qrXlPw9+LnhXQdP1yz1nWI9I1Jte1C4ks763mWSNZJmZdy7f7u2gD2Zl/u1yOuabcXHxM8E3CW8rWtrb6k006xs0cbNHGqqzfw7vmqTw78UPCvirUl0/SNcttQvGjaRYI1k3bV+83zLWD4V+I2pS+Jtc8K+IPKs9QWa6/sXVI4fLj1COFmVl8vd/rI2X5l3fMvzUbAelbKdt+WuLt/iXovh/w34fuPFfiCz0++1KxjvPmjaNW3KrNtVd3yru21H/wvb4e7tv8Awl2n/wDkT/4mgR3SpXF/EaLdq3w/X+H/AISi3b/vm3uGqP8A4Xn8P/8AobtN/wDIn/xNc74i+KHhPxb4o+H+n6Jr1rqtwviBZmjttzMqra3C7vu/3mWkB60sS7vlpt5YW9/azW91DHPbzL5ckEi7lkX+6yt96pFapN1AGHb+A/Dtrptxp8Wh6aljcLtmtvs6+XIq/dVl/iqaTwfotx9h83SbGX+z/wDjz3W6/wCj/wDXP+7/AMBrWX5fvU7dTAw4fC+7xB/bF5dLeXUcM1ra7bdYfJhkkVmVm/i/1a//ABPzVtLF5VO/io3b6LjHK21adu3N81N+9SUXESrXlfjpr7xHfQ+b4N8bL/Z8zfZ7nRtUtbdWb7vmf67d93/x1q9Q3fLWb/wkekrrX9i/2pZ/2x5fmf2f5y+dt+9u2/eouBwOk69qmhtZtF4D8cS+TbtbqtzfW8yybpPMaSTdN80m7+Km6lql9qnibSdel+H/AI1W80tZI7dY5LPy9snyybl8z+Jdtep/w1lal4o0fSbiO1v9WsbG6b7sM9wqt/3zSUrgeYrfahpeoa5qFr8OfGmoXGuNH9utrm4tY1ZVXy/lZZNy7V+WqOmteWdjock/gnxxp/iDTbP7H/aWnx2+5ofveS26RlkjX/aX+Gvcvm3bWprfNupged6T46uLCNo/+EF8aSySNumnubWGSSRv7zbZP/QVrL1TWftmvf25Z+FfHmi6s0K281zY2MLLdRr91ZFkZlbb/C23dXpC+INLe6W1XUrX7U0zWvkfaF8zzlXc0e3+8q/NWgrbmoA8Zvr+G61bR9Qbwv8AEJbrS5pLiFvsMMnmSSLtkaTc3zbl+X+Hb/DtqZb/AE1tY8QaleeF/G12uuW62t9p9zpMbQyRqu1VXb8y/KzfxfxV7B92m+arfdouM8fj1az8nT7PUdF8f6npemyRyWtjd6OrLuj/ANX5jL80m3+Hd/dXduqj8SP2lJPBGoaDJb+GdXazuppI7qDVLGS1mk+7ta3b5lZl/u/7S17du/vVTuNLsby+s7yezgnvLPd9nmkjVpId33trfw/doAm03UF1LTbW6SOeBbiNZvLuY/LkXcu7ay/wtVr733qh3fN81OZvloAdv29Kbt3fNTVamq1FwKq6NYw6hJfJZwLfSLta5WNVkb/earDbqczUygBFpeaKRmpALzXDfGxv+Ldzbf4dS09v/JqOu281f4a8V+M3j5tZ0HXtN0Szj1Cx0ny7rUtSa4WOOOaGaOTyY2b5ZJPl+amgPaG+83+9RXn9v8TtWuIY5l+HPiXbIu5fLktWX/0dWlDrlx4q0HVluNF1zw00cLbftMiwyN8rNujaORv7tUBa0HQ7zTfHHijUpfL+x6l9la3ZZNzfu49rbl/hrqea8C0/x5ri+D7jw74mvJ4PES2Md9perW0jQ/2lb/L83y/8tF3bZF/4FXqGteNJvDNxHar4Z8Q60vlq32nS7VZo/wDd3NIrbqB3Os3Uf7Vef/8AC2o1ba/g3xmv+9o//wBlTv8Ahb9qvXwn4v8A/BLJ/wDFUDD4uLttfCcn/PPxFZ/+1FrvI2rxfx98QYfFFvoNjZ+H/EsVwuuWc3+l6TJCu1W+b5m+X7teyK3zU7gSMzbty/LVf7HDuZvJjVpPvbY/vf71TN3o3e9CAqtZ2+1l+ywbW+8vlrWLfeGYb++t5J7q5+y28kc0On7Y1hWRd21l+Xd/F/e21vSPtqFl/ipgR7fvVDM1WGaq81AGfqlha6pZyWt7awX1vJ/rIbmNZI2/3lauTm+FXgtl58H6D83/AFD4f/ia7SRqqyUwOFm+DvgVv+ZN0Nm/68Y6pzfBnwHL97wfo6/7tqq13kzVVkamM8/k+B/gP7y+E7FW/wBncv8A7NVGb4H+B2Zm/wCEdji/653Ey/8As1anxO1m8s28M6Ta3Elsusal9luJ4G2yLGsbSbVb+Hdtrn/GWgyeG4bHULDVNSitV1Czja2kvJJFXdMyt95vutuXcv8As0DJG+Cfg1V+XTbqL/rnql0v/tSoZPhB4bX7kerxf7utXi/+1K6zR/E2l+ILi4t7K+iuZrdlWaNdysu77rfN/D/tfdrifFGs31v4JvNYt7i4WRtShuIY4JPmaFrhVWP/AIErfdoGEnwn0mH/AFWqeI4P7qrrlx8v/fTVVk+GMKt+68UeLov93WGb/wBCVqkX4sWP7tbjS9StpFuPstws6xr9nk3Kq7vm+bduVvl3fK1aWm+MLfVtYuNNWxvra4t4VmkadY9u1vu/dZvm/wBmgDF/4QG4t1+Txl4q/wCBX0bbf++o68J1r4BeMvE3xS1LVLXUJ9Kt4Zl8nXb6Tbdyfw7o/L27v/Ha+pJvmqvIq/w0AZ+j2dxpul2treX0mp3EMarJfSKqtM395lX5anqVqjZaYCUUUUAfTf8AFR96imVkAjVg+JvC8evXWk30Vw1jqmlzNNZ3ax+Zt3LtkjZf4lZfvV0Dfdpuz5aAOf0nwuun65ea1e3X9oa1dQra+f5flxw26tuWGOPc21d3zNuZmZq2Gb5akbvUbfLQJkMi01akprVLJI93zVDcfN92pm21VZvm+akBGsvzbab5vzVNJ81NWKgCNvmrz3x5cf2T8SPh/qWoyLFodu19G00jfuYbySNVhZm/h+XzFVm/ir0ryvm+WmyWq3EMkMsayxyLtaORdyt/wGgTPLfihdWN5feF9QikiudP03XLNtYuY/3kcduvmeX5jfd2rIysy/w7larnihpvEHxS8I/2JcRy3Wm2eoXF9dwSKywxzRrHDGzL/ekXdt/2d1egWthDa2/2eKOOKFV/1aqqr/3zUkOnw2dv5NvDFbQ7t3lwRrGu7+9tWgSPFdF1Sztf2Z5NFuGVtabS7jTbjS2bdcyalIzK0fl/eaRpG3bv+BVe+H8t14S+JWrWviu+ii1CbQ9Lhs57mRVWSOGNluI42b5WZZvmb/eVq9WXTbdbxbr7PE10vyrP5a+Z/wB9feqa80211KNY7q1huY1bcqzxrIu7/gVAHlfiS6t9S+KngX+xNQs7aSb+1Ljz/J85Zm8mOPdt3Lu3fd3f7NXPh3dXS618UNl9Z3moR61HuuWjZY/ls4fmaNWZvl+b5d3zba9IbTbfzlma3ieZdu2Ty13Lt/utUMmkq1vJHbyNpUzMrfabGONZPlbd/ErLQBn+CfEc3irwrperSrAsl1D5jfZmZo/vMvy/xfw/db7v3a6D7q1T0nRrfQ9Phs7VWWGPc3zfeZmZmZm/2mZmb/gVXttA7DdzbabG2371SRr/AA0MtAgWVv4asLUMcVTKrLQBG0u1mWhmZqdNHu+aiO3bbTAbup25lX5lbb/e21k+NNZk8L+D9e1qCFZ5tN0+4uo42+6zRxsyr/47Xmvii3uPDPwb/wCEyt9QuZfFVrY2+rSalJMzfaJG8tmjaPdt8tt21Y9vy/LQAeMItcuPGkMjRwan4g3Sf8I/p/zSWGk26ttbULhv4pv7q/8AAV/iavQPBvhePwXpf2WC6uby6mka6vL65bdNdXDfekb/AL5+7/CqqtbkatLCrNui3Krbf7v+zUixUARrK25V/hrh9U+Gk3i3wfqmm6pJBp+qNqVxqWn6hYzNI1nNJI0kcittX7u7a395a7xbf5vvVI1AGTpNrJpel6fp7MrfY7WG3+X7vyxqvy/981obt3y1I1usrf3f9qjyli+XdSAF+981H+tkXcq/L91tv3amWL5qFt6BGTpd1qFrb30msyWMC/apPs/kM22O3+VY/MZv+Wjf+zbap6l43Wz1r+xbKxn1XVvJ+1SW0DLGsMO7askkjNtXc27avzM21q0tc8Oab4ghhh1KzjvIYbiO6jjk+75kf3W2/wAX/Aq850+W68K/FzxpqGqaTq66Lq0dnHa6otm00bSW8PzL+73Mqt5nysy7dytTQHUR/Eu3Zo7NtNvl1qa8ks4dJby/OZo41kkk3btqxqsi/vN393+9Wlo/jezv7jVLG9jk0XUtLjW4vLa8Zf3cLbtsysrbWj+Vvm/2a43VLO6t/iN4d8ZPp94ujx6fdaTcN9nZpLfzGjkjuGjX5ljbay/d3L8u6qPirwHffE7WPGGpaY0tnZ3nhf8A4R+xnuY2h+1TNI0jSbW+by1+Vd38W5qGB13/AAtCzWxsdUn0/ULHw/fSRxw6tOsfl/vPljaSPd5kcbNt2sy/xLu21oX3jJbfXLjR7CxudX1S1jWa8jtmjVbdW/1e6SRlXc38K1wvizzPHnwl/wCEPsbG6tvEGoWtrYzWM9rIv2FlaPzJJG27dq7W2tu+b5dv3qseHfL+HfjrxpHrkk8Fnrl1DqGn6k0MkkcirCsbQsyq22RWX7rfwt8tIDotP+KVreeINL0ddL1OC61JrpYfPhjj8v7O22bzP3m5dvy/726tjRfGkOva1rmmwWd1BNo8y29w1yse3zGXzF27Wbd8rK1cH4qVdc+LHgNkbUtKVbPUv38EbRyfvPLWPczKyr5m1vlb5v8Adqx8N7eRvEnxMt4L6886bVIZIb65h8ySRVt41aRdyqsm1lZf7vy0AemNKzfdrhfHVncWviLwXqC6XYz6fDrirN5a+Xd/aJo2jWZW/iVd25l/2f8AZrc+HerXHiDwfY3V7J5uoLJNDcbrfyWWSORl2yR/wt8q7tvy7vu1rWvhrSbDVJtUt9NtYNSmZpJLlY/mZm+83+81AFyO6+aPdtaPzNvyt/31Xm/wfVb/AEPxR/bkaS6hNrl9HrH2ld3yrJ8qyf7Pk7dv8O2vQLHQ7XS4ZIbK3itoZJpLiRYF27pJG3M3+8zVR1LwRoerXkl5e6bFPdSKqzN8y+cq/dWRVbbJ/wAC3UkrAeI/DHxB44vNH0XQ7XXItOt/+EfuNStZ7uxW4k8uO6aOH5mb5laPb8392uw03xhrXirWPhbqX2htMt9U0u6vryxjjVo2kWGP+9/vNt/u102sfDmPxB46tdYvYbWfSYdJbTfs3mSRyfNJu/h2rt/h27q6DUPCuk6tJpsl5pttO2mt5lnuX/j3bbt+X/vlfl/2aYHh/jDx5fabdWesXtml9JovjC8hjWxt/LaSNbGRvm/vfe3N95vlr1az168s/BMmrT6pp+oMtm14uobfLtG+XcrfL83l/wDj1Tf8Kx8OxXy3i6av2hbpr5ZPOk/4+G/5afe+9t+WptN8C6PpegzaHb2KRaLN5iyWLM0ke2T7y/M33WoA8/h8feMryz8UQ2620+oaTZ2upW/n2PltdQyRyNJGse7737tvL/i/vLW5H48utW8L+JvEWh3FnPptrZ+dprSQsyySLD5kjN8y7l3Nt/3latT/AIV9a+GY2vvCGm6ZZ61tjt/P1CSZo/JVv4vmZmZf4ataT4Fs9L8Jw+HWXzbFbdreTy2aPzFb/Wfd+7uZm/76oA5HSfGnjDxDrV9DZTaLBb2+l2epf6TZyMzedHIzL8si/wAS1Rtfid4s1aPTZLBdIgW68L/29untZG/fKy7o/wDWL8v+fmrutN+HOj6TJcTWcdzBJcWa2LN9smb9yq7VX5m+XarNt/iqnZ/CfQbDy1t4buJY7FtNj2303y27f8s1+b7tAzN8H/ETWtc1rR7fUrXTYrXWtDXWLdbRZFaH5o1aNmZv3n+sX5vlrvNysyt/FWHpfw+0nRrzTbq1juVm02zbT7XddSMsdu3/ACz2s3+yv/fNdB9n2Kv96gBrS7f9qo/tHzUTRM33actrQAQ3G5qdJLt+b+GiGLa1OuLf5d1AFX7QzVVvNSj0u1kuLqaKC3X7088ixqv/AAJqtNbsv3a858ZedL8XPBNndLu01rO8uIY2+614u3/x5Y/u/wDAqAOk1jb4y8N3UOia9HbLcfu/7QsWWTb/AHlVv4W2/wAX8NcH4b+HcmrXVqupaa2keGdHmZdN0Rm+aaRW/wCPq4/vNu+6v/Aq0LhZrD47WcNhHHFDqGhySalHH8u5o5NsMjL/AHvmZd392vRlib5dtMCvL91ahvlkvNPuIUuPIaSNo1k27tu7/Zq1IrfMtV2ikVWVfm3UXA5PUvhvY+LfBen6LqkzSzaa0bWeoRx7ZIZI/ut/wJV2sv8AFXcQyt82ahs7dooVVm3NUn96mBY83d96hbj72Gqv/ro6FVtu2mNDpLxl3fM22su3l1C31LUr691aD+x2jVre28lY/s6qvzM0n8VWod21lf71V2s47+1uLW8tY7mzmVo5IJ13LIrfwstAzSs9Utb+zhuLe4jubeZVkjnjbcrL/eVqk+2Lu27q5u6urrSdQ0nTbDRd2lyRssl2sixx2+37sax/eZmrkfDOrXnxB17xNJPqWoafY6TqUmm2ttp83kt+7Vd0kjfxMzN91vl/2aaA9Okul/vVCs7N/F8teU6bf69e+PJvBt7rVy0el6et5cahbbY7m88yRvL3Mq/LtVf4f4qzda+KupfD6Hxxp9wzareaLb29xp93c7d0kdx8qrNt+80bfxfxLTA9mmZtu5ahaVmWvMfFmt618PtD0/xBPrV1rUK3Vvb6lbXMcaq0czbfMj2r+7ZWZf8AZZak8M+I9S+Imra9JBqlzpGm6XfSabbx2kcbNI0e3dJJ5itu+Zvu0AegNcf3qqzXDeZtryv/AITDVvDPxAsdH8UeJIILWTSftTM0cccck3nNHuVtu77q7tv96rXwx8VXWvaLq2oalq0d5DDql1ax3cnlwx+THJtj+Zdq/NQB6FIy7vvVXkZf4aG+ZVZart96mUjL8WeH7PxRpa2d1JLBJDMtxb3ds22a3mX7si//ABP8Vc7rHgu41zTfst/4gnnk86GZZ1tY41Xy5PMX92rbfvfeauwkTdWfMrfw0xnJ6Xa311q2tTXmlz6VJND9nhuWkjZfLXcq7drN/e3fNt+9U2qeGYdS8LyaKtw0C7Y1jnWPdtaNlZW2/wC8tdBJVG4/2aAPOda+FF1qFxJeLryreXDeZcbrPdGzKysrRru+X/Vqv+6ta3hfwzqmh6heXF5qVrffapJJpmjt2jkZm27d3zMu1VXbXWfeqP7u6kBDJVdu9WJKryUAQyVG33akkaoWpgLzRRzRTA+m6a1Oo/hrIBrfdpv3Kc1JzQAxqhapmqvJQJkbN/dpq/NR8z0Mvy1LJK8zf981VaVasSfdFUWXazUgLEbf981ajVaoxr8u6hbplk/2aALzNTt3vVeTdKq7amjX5fmoGJSbt9Ok+ZdtN27VoAWl+796o2anN92gRMtO/hqvHuX+Jqk3f3aBbEvNJuqFZd1OZm20DJlZaF+9VdWb+Kpt1AmS/wANPWq67t3+zUjNQIk3b6duqq0tRtK1MC5I0cqtG8ayxyLtZW+ZWX+7XIx/DnTYtPs9Pa8vrnQbORZLfSZ5FaBfLbdGrNt8ySNW+6rNt+Vfvba6TczL81OV9q0AWFl/vNuZqbI3y1Xk+623+7TY2Zo1X+KkBIrN53yt8tWNu1dy/eqOH/aqRlb+GgCRW3LuqG43fw/d/iqRaa38VMRGsuz71SR3i7fu1Tk3bflWnR0AWllZm+bazVajZv4flqnt8pdy1YjakBYXcvzbvmprN81RrK26jf8ANQBM0rbdrM22nRyMq/KzL/u1Tklba25aat0y7fl+9QBc3NtZdzbWqG+tV1Kza1nknWNtvzQTNGy7W3fKysrLTo23LRJIyt8tADbGwt9Nt1t7ePbGrM33tzMzNuZmZvvMzfNuarG6qv2ht33ac1x83y0DLC/epzfeqvHLuqRpf4f4qAH0u6qsjNuWnNL8v+1QImy1HFV2uNy7lbdTmlZaAJ6VlWqrXXlfepy3St/C3y0ATNRHuVv71RtLu/4FTvNWJvm/ioGP5o5pnnCo/N3UAObvTl+Vajk+6aj+0bV+agCahvu1Xa4Vdu5vvVHJcfMu1qALElZOtaXp+vWa2+o2q3MayLNH8zK0ci/dZWX5lb/aWtCaXau6s9pWaORqAKem6HY6JJcXFnb7Zrjb51zJI000n93dI25mq99q+9tVqrs37ldrVN5qqtADobpbj5lWpNtUbPb+8k27dzVeZm2/LQBDNKy/c+9/DToWWVfm+Wo2/er83y1DJKqr8zUwL25Ylb5vu1Ct5ub5v9XVe3+bdu+7/dqZVjZl3UxosbVamyL8v92nM3zfLTZGXbTGU5P+WfzfNXIw+Db7SfFWrap4f1K2s49WZbi+sb61aaNrj7vnRsrKysy/eX5lrsG/2qIVVWagDlbjwLeLrVn4g07Uo216O1azuGvo2aG8h3blVlVlZdrfdZf92qMnwqtdct/E3/CRyLqF54gjW3upLRfLWOOP/VrDu+7t+9838Vd5JL5S7qPtCtHu3U7gee6h4D1jxBpun6PrmoWdzpdnNDNJPbQyRzXjR/NH5is21fm+ZttR2vgjVPCXiDVr7w1NYy6fq032q40/UFkXybjbtaSNo/4W2r8rfxfxV6FJKu75WqvIy7m+amBwa+DdYi+IFj4glvLW5hh01tPkVtyyN+88zd93b975dtYdn4P/AOEZ8N+JLXXJLH7LqF9cXVvPHayXSwtNu+Vo9v8ADu+9XqUm2qtxLtX5Wb/gNAHN+Bbea38G6LDdWq2dxDaxxtBu3bdq/wC1WtIq1JHL8rVXmloGRyKtV5lXb92rG6qslx95aYyrJEv/AAKqcyru2stXJG+b5ahkXc1AzNki2/dqvtq5N1qrJ8tICvJ/s1XkqxJVWRqYEcn3jUXNStULUwEop3NFMD6bXtTW+9Tm+7TKyAXdUbNSfxU6gBGb5ar7vm+apm71DIvzUE3FqJqGfbUe7+9UsRDJtqFol/iqab73y1C0v96kA2ZflqOOJWb5qsSMu2mrtoAcvy/dqRWqNWWpNy+lAEn3qKh3/wC1UjN8vy0ARstSRrupqs235qkVqADZ/s03b/dqWl4oFuRx26t81SeXTo2+ahm+agNiPb/dojX5ac0u2haBDlX5aG/u0btq1H9o+agAWJWX5acsNO3U7cqr92gB3lLto+z/ACr81N83a1Teau371AEf2f8Au0eUq05paj83dItAEir/ABU5dqrUO5tzfd2037RtZVb5qAJlb5vm+7TfvM2371RyLuX5W2rVyNdq0wI47dv4vvURwKrVPzRzQIgZdv3/ALtSLEu2nfw/NUf8Xy0gBfvLUm3fTfs6s3zM1NkXb81AxzRNtoW1+6392pqfQBEqstOkXdT6RfmoAh+zszU37Ptb73y1a/2aa1AEawNu3K1O2stG/bTt1AEflN8vzU1rdv4WqbdtWq7XTRfeVmWgQLbybdvy1N5TMv3vmp25du6o47rzYWk27f8AZagCP7OzN81N+zt83y0R3/zLtjba1Wo2835qAK627fL/ALNOki82PbUk1wqru2rUMl4qRq3zUAN8tlX5fvVJH5n8VOjlVlpzNQMa27bVeRWZl+WrH3qdtWgCn5DVC0W1vu1pN3qNUoAqyL8tU2tWVd1azfP8rVHM21fu0AZccXy7W+anNCu3/dqSSX5VZaFl3LtoArt8q7lWj7V8v+zU25dtZ9wyq3yUASfaFVfmqGNftC/7VWFtVZfm+apIYlVqAK8e6Ldu+anRyrVplqOS3WXa38S00NDWamqrbfvUMzRN5e3dTvNZfux7qoYKu1Vqq3ysy/7VWllZl+aPbUKt83yruoAJPmjbbVfdtXazfLVrzpG+7DUN4v7lW27WoAqtL821aNzbqjuriGwhkuLqaO2t413NPO21V/3mpuk6tpurQtJYaha3yqu5mtplk2/981VgJrh2X/dqnJ81OtdXsdW8xrK8trxY/lb7NMsm3/vmq91eWdrdR28t1BFcTf6uCSZVZv8AdWgCNvvVDNVjULq1sLVri6mitoV+XzZG2r/49VH+0rNvL/0q23Sfd/fL83+7/epgNkZl+ZapyN81WJLqH5lWaKVl+8qyK22q9xdW8UPmPJHFH93dI21aBkdNaia6jt4fMeSNY/8AnozfL/31VX7UrN8si/N91d33qBjZKqyf7VWJGqvJSGV5KryVYkWqrLTQEMlRtUklRVQBRTKKAPqBe1Dd6KKyAb/u1G1SN8tQs1ADWaufvPFtqurXGl2drfavfWqq14tjGrLb7l3KrMzKu7b821dzVvL8rfNXlfgfXLPwbrXjbR9XuGgvpvEFxqEM6xySLcRzKrLtZVb94q/Lt+992gg6i3+IGl6ktnHp1vfaneXVr9sWxtoV86GHdt3TbmVY/mVvlZtzbad/wm+it4dk1x7xoNPjkaGTzI2WSObdt8lo/veZu+XbXJ6HcL4R+IHizUNZjk0qz1yOxuLGe5X5VWONlkhbbuVZFZt23/arlW8L6tFb2viie1uYtPk8bf8ACRTae0bedHZ7fLWRo/vbvuybfvVLA9Ss/Ftvf6sukva3mmalJG00NtqEaxtNGvys0e1mVtv8S/eXdWTdfEbSbe3vL5I9QvNLtWaOTUra1aS23K21trfxKrfLuVdv+1XN+MrCT4ieLtFbw9dRuuk2OoSTapA37lZLiHyYYVb+Jt3zNt+7tqx8Mde0uw+Hug6DdR+RrFjZx6fdaI0f+k+Yq7ZP3bfeVvmbd93a27dSA6BfiJpctnr14seoeToMkkOof6K37to13Nt/vbV2t8tbmj6pHrmm2t9brKlvdRrNH58flttb7rba8JvvMuvh/wDF7UrXxBPBDNqGpbbGCOFluN0axx/eXd+8+78rf7telTaprFno/hVtDuNPltbiOztfIaFmkm3L+8ZZFbavlqrN91vu0Aa11460mzk1Bm+2XNrprMt5d2lnJNDbsq7mVmX+Jf4tu7b/ABVNceMtPivGt4PtV9cRxrNNHY2rTfZ42XcrSbfu/L82373+zXE/B/XtN8P/AA/0vw7q1xFB4g0/zrW+0uT/AI+ZpmmkZmWP/lp5m7crL97dVj4a6zY+DbzxZpevXkGlapJrlxfRrdt5f2i3k2+TJH/eXau3av3du2gDrrHxppOqXWj2trNLJNq1rJeWbfZ5FWSOP7zbmX5fvfd+9XQKrbfmrznWLhf+FjeFY7CSLT5v7F1C4hjuYWby2kkt/vQr827b5jbf9mus8B+IJvFXg/S9UnaBri4VvO+zKyruWRl+63zK3y/MrfdbctAG8q/LRtb1qaFPlqTbQBCu5qcvzU5UpyrQBGy0bdtTN/srQvy0CZDt3VL/AA1Kq7qay0xFNlajym21a/i+7Um1fvUDRV+ZFqLc1XVWhov7tIZVWJm+apI926rEa/LTmX+7QSZ8zNu+ZW+anKrbl2ruWrjRf3qdHEq/7tAFba1MWJmm/wBmr3y1HJH/AHaAG/djq0vzVXm/1Py/M1Rx3Um5V8v/AMeoAu0VWW4k/wCebf8AfVOW4bd91qAJpNqruqORlWSjzm2/dqGRW8yNm/vUAXFXdUM33fmpyyr92mzNuj20ATR/dFSLUMbKy0/+GgCSlWo1+7Tl+9QA5qP4aa1Vbq/htVZpW2tQBbp3NZEeuRy/6qNv+BVpLcL/ABMq0AObdtqvMy+Wy/NuapvtC/3lpvnx/wB5aAI/mWPb/Cq1Hbr8u3b/AL1WluF2/eXbTty/eWgRCtv5TL8vy1JH8u5WqT7Qv95ajZlagCrNueGTdt2stV2i228fzM1Wl2rI25qm3RtQMI/lX+7TqFbdQ33qABe1PpF2/wAVN3e9ABN/47TOaRqbuoAGbbWfdSsytub5a0Gqq0Sq1AFGP5bfd96plkVVq0qx1HIq9l+WgCjDEzbt33WomXbH92rW35ajuNqrQARtuWnM1Rxsu3dQ0qtQBIvam7vmpqyfw02Rvlb5qaGhtw22SOrC/MtZdxKzLtX/AL6q5ay/u13NVDJJGVVqvb/PuqZqhh/iX/aoAsLTZKF+WhqAPMfihuuPHXw70+43f2XdXl00kbf6uS4WHdCrf7X3ttZPxw0u1sNDh1C3jjs7i6vLOx1CSP8Ad+ZZ+d827/Z3bV3f7W2vQvHWjWeveFdUs723juY1t5LiPd96OaNWZZFb7ysrfxLXM/DfQbPVPh/ptxqKyarJqmnx/bG1CZrhplZfmVt38P8As1a1Ax/iRar4b1zwHeaXCtnfNqy6fJ5CqvnWrRt5it/eVdqt/s1k/DXS7fxV4R8TTeILWO5vLjUL6G+a5X5o9rNtXd/DtVV2/wB2vQrHwLpOk30N5F9qnmhjaOH7XdSXCwr/AHY/MZttVdW8C6Pq95eXDx3MEl5/x+LaXUkMd1/D++jVtrNt+XdQJni/gHXNQ8ZeJPBNvrzNeQw6DJdRrP8Admm8zy2k2/xNt2/99VtfEbw5p+h614ZvNL0+2aa41zzGtlZY18xreRfl+X5d23dXo2peA9H1Szsbee3kiaxbdZ3NtM0M1u23b8si/Mv+792qN18OdHuobVZftkslrMt1HP8Aam8zzl/5aM38Tf71CBHn/hu4mt/iJ42uJ9LaC88mzb7NbSLM0n7vb975f7v8VUbHXLfx18TI4bq1l+w2el+dDY6hGu6ObzpI5ty/d3Kyqu6vSr7wfHa6hqmsaT8uuXkKxs1zMzQtt+7uX/ZrDsfAa3+m2f8AbMK2eqWbSeTc6TdSRyRq33v3nyt838Ssu2mM49tDsbf4kW+hpCjaPHp82oQ2TLujWaSbbJtX/vn/AHd1Ta1oen+F9S8LyWFu21dUuGWCDbuXdbyM0cf935v4a7K88A6PdW9qrLcxXFrI0kOoQXDLcqzfe/efxbv4v4WqrfeCLNrW12NLLcWczXULSXDL5kzLt3SN/FSKRa0fWY9csY7yKGeDczK0Fyu2SNlbaytViSs3wvo0mg6a1u6rFumkkWCORpFh3Nu2qzfw1pNQMhkbdVdu9WJFWqsn3hQgK8n+zUbVI22o2qgFoqGigD6jooo/irIBrVCy7akkams1AmQt96uJ+GbN/wAVtIjMvneKLz/x1Y4//Za7K6uo7OGS6uJora3hXdJPOyqsa/3mZq5vwSujxWuqLo2qRaqtxqE2oXDLIrNHJM27bt/u/wB2gk6Dcy/dZlqFlbdu3fNU336j+9UsCGRd+3d822hl3f71TN3plICLb/vO396sPVPB9rq2vWurT3GpLcQqsaxwXkkcbLu3bWVf7zfe/vba6BUoVfmoAbt3Msh+993d/FUn2eNmjbarMv3W2/MtO2U5V20AU9S01b+1khW4ns5G2t59syrIu1v7zK1O03TbfSbGOztY9sMbM3zNuZmZmZmZv7zMzN/wKpmob5qAJI6mqGOpFagB2yn1FupKAJqKYrU5fvUxMk3baav3qXmmL96mIcy/NTlprN/C1OVqTGh2yl/hpP4qG+7SGQySt521aa15tZt3y7aay/vKpzW7S7sf3qBM0GuGb/dqNbj5flXctQtuZdq0R/JGytQIsfaN33fu/wC1XF6X8QdY8VaDda54e0mzvtLjab7HHc3DR3N8sbMu5dqssasytt3bv+A11kcS7WWXd5cisrf7teY/CnUtQ8L2Nx4L/se51DUPDLLYrfQNGtpNGy+ZCzMzKyttZdy7WoA6bTfGWoeKrzUo/D2n2cq6ey291JqFxJCsl1tVmhj2q33dyq0jfxfw021+KWn6loOh3mnWst5qGtXkljZ6XLIsbLcR7vOWRv4Vj8ttzfN/Dt+9VXwrpeofDnVPE0P9k3WtWeoalJq1nJp+37023zIZNzL5fzL8rN8u1v8AZrD0v4Vat4SsfBusJH/aeraTqV9qWpWNsy/vPtqt5yws33mj3Lt/vbWpoDtrXxk1n4k/sPXobbTLyazk1C1uYJmktriGP/XfMyqytHuVtrfw1TtfHmqap4ZXxJp3h1bnR5o/tFurXnl3c1v/AAyeX5bKu5fm27t23/vms3xJ4IuPiX4mjvJ47nSNJs9HvtNha5Xy5pprpVVm8v8AhjjVf4vvM1XvAt9q2k+FdJ8P3/h3UItY0+1jsWZV/wBCk8tVj85bjdt8ttu7b97+HbQwHaf8RLq80vxlef2PGq+Gbqa1ZVvN32hoY1kba3l/L8rf99V0nhfWW8UeG9L1Z7VbNtQt47pYPM8zasi7l+bavzbWrye38F3F5oPxYmuNH1yLUNSvr6bT41a6j+1RyQqsLLGrbW+Zfm3L/vfLXSQ2GrRfD/wfDZahqGi61Da2dvDp/l+Xumj8vzvOVl3NGqq3+z/30tIDpLXxlcazeahHoOj/ANr2em3DWdxctdLb+ZMv+sjh3K27b91mbau6q9r8QV1y4t7HSNHubnUvscN5eQTzLCunrIu5Y5G2t+8b5vlVf4awfhzNN8N7PUvDeqafqUsi6pdXljd2NnJcR3kM0zSL8y/dkXdtZW20aP8AaPBHxC8Vapq9jeRaf4kWzuobm0t5LxbeaOHy5LeTy1ba33WVvutQI2v+FjNbrprT6Lc2zX2sLoskEk0e63k/56Nt+8rf7NdwvavMfiNdTXkfg2ZbG6gj/wCEkt5m3W7M0cKrJ+8kVV+VfmX71aXgfVNUXXPEWk6jeXV59hvI/JbUIY45vJkj3K26P5WVmWTb/F8vzUDO8py03/0Kn0AIzfL8tV5LdZd29asLQ22gDN/smNZPMTcrVcWJf4lqZtq/doX7tAEflL/Eq/8AfNNW3j/urUjfNRQBH9nj/u07ylp273qRmX5fl20CK7QK38NC26su3bU3zU1fvUARtbxqu3bTVtV3bttT/wAVJ9KBjVVV+7Ruo3UbqABmpOaRkpeaAGbv71Q/aFX+KpJP9W9Y6xLFbtGq/L/eoA1vN+X5qa21vm/hrPVvmjj3fw1XurhrWb5N21l+7QBqearU1m+Ws3/VW+5fvfeqSGX7RCsnzUwLDbahZvN3K1QxszTSRlvlq0qr92gCu1uv8P3aj+xru/iq1s+akoAgWzjX+9RHAsS7V/8AHqmamq1MaK/2fatEcTbfvbasMtDbVpjI/wB4qt81U45WVvvVobveqM0X7zdQBaVvlpzfdqnHdeUv3dy1YWXzV3L92gCvqEUl1pt9bou6Sa3kjX/eaNlrmfhvYXmk+AdDsb2Fra8t7OOGaNvvRsq7dtR+MPFV5b+LPD/hnTZFs7rVI5ria+2qzRwx7fu7vl3MzVT0/wAR6ho3xA/4RXUrr+04byx/tKxvmjWORVVvLkjk2/K38LK3+1VLQDevorhv4m2/7P8AFUNusm7bW9tqvJt3bqYzLZZN3zVHIsm2r0i/eqvIvy0D3M2ZZlX71U5Fm/vVrTVVmX5aAsZsiyM33qqyK1aTL8tVWVaAKcifLULd6sSfdqq1AyKb71VJPvCrUlVZPvCmBXkqFm3VNJUOymAUUyigD6gpGahqazNWQBuqNq4X4qeKLzwuvhWS31T+yob7WobG6k8uNv3LKzN95W2t8v3qh8M+NJvE3xM8QWdnrUd9odjp9rNHHBHHt86ZpFZd23dtVY1/76oEyH4pMza98P7e6/5Acmubrzcv7tpFhb7Orf7Pmbf+BbaNS86X45eHWs/vR6Lef2pt/wCebNH9nWT/ALaK23/gVd1dWtvf2s1veQx3NnIv7yCRVZWX/dauX+F91b6t4H0nVrfTbXSm1KH7VJDaLtVm3Mq7v4m+Xb96kSdXTGp26mt92kAz+GkX73zU1vu0vNIApVqPdQrfNQBNu+ahu9R7/mpzfdoAF+anL8tNX7tcv8QvFtx4X0vT47KOKXVtW1KHSbHz9zRrJJ/y0b+8qqrNtoA6zdTVbbXO29rrWm6tayT+IPt2jxwyfbPt1vDCytt+WRWVV2r97crf99Vg+MvHUmh+LvBcMGvWdnoeqfamupG8lo5FhjVl2yN93czbfvUAeiK3y0bq4PwH4yvPFHiLxpv1a2vtF0u6ht7NoI41Xa0KyMzSL97bu21T8YfEZtJ8Zaboq61a6DY6hY+dY6pPbrcW15deZt+z+YzbV2qqt/ebd/s0wPSNyqtOVq878O+KNe8W61qGmxXFtpDaHDb2+pXMdus3nX0kKyNHGrNtWOPd975mbdVHUvHmvaD4k0vw/rmqaZoM19HcSW+rSWbNbXUizbY4fmbbG3l7Wbc275vlo2JPVlbdTVavK7z4g69a+ItP8N3t1pXh7XJtLjuoft1u0kOpXjMyyW8beYu1V2r8u7d81EPxL16LxlrHh2VbGXVI9Ps5LHT1t/3kl1NGzN5jeZ/q4/L+Zv7v/AdxcD1Zfmp/NUNJ+3RafCupTQT323981pG0ce7/AGVZmarjN81A0S/w0i/LTd1LSGK33aNi0v8ADTaBMeqrTdtO/ho3e9MQ3b8tcT4HXzfG3xIb+L+1LWP/AL5sYf8A4quo1rXLHw5pN1qWpXH2axtV3SSbWb/ZVVVfmZmb5VVaxdH17S7fxA1rLpN54e1LWma4Vr6ONft0kcaq3zKzbZFjVflba21aLAdQq7flqZaj2/xU5Wp2AdtpNq0u6mtSAdtrF17wXoPii4t5tX0e11Oa3XbHJcx7mjXdurY+9T+aQCD+KnKzL91ttG6koAiurdbhWVmbay7W/wBqs/RfD9noastrG0W5tzNJI0zN8u35mZmb7tatFAD93vRRQvagA2U+mbvems3zUAOZvloX/ZprNSUAPXtQ3ehe1G/bQBHMzRQySLDJOyruWOPbub/ZXdWX4N8UQ+MvC+m61BbyWcd9H5ywSNuaP5tu1q1vNWFvMfd5cfzNtXc23/ZWvP8A4U38eg/C/wANw39veQTLtsWg+yyeZHI0jbdy7flX/a+7TEd1eXUOm2sl1dTR21vH80kkjbVX/gVV7HXNN1SzkvLPULW5s4/9ZPHMrLH/ALzfw1xfxCZrj4kfDe1utzaPJdXjMrf6uS6WHdDu/wBr/WbaNWaTT/jt4Rawj2tqWm3i6oqr8s0Me3yWk/3WZlVv9ploA7KPxHpLWv2pdW09rXzPL8/7VH5e7+7u3batXF/a2tr9qluoIrP732mWZVj/AO+vu1807tSi/Zj1iFNLs201Vum+0/atsny3jfN5fl/8B+9Xp1uzat8cP7P1GNZbHT9BjvNPgkXcvmSSbZJFX+991f8AZoA9KhuobyNZIJop42Xcskcisu3+9Ra3UN1HuguIp13bd0cit/6DXmPxE0bT9N8QeG7FIY7XTfEmsQrqltHtjjm8uGRo1ZV/56Mv/AttdVqnhyx0uRte06zig1SzsbiOHyI1Xzt0e5Y2VfvfMq7aAudNIyrJ5e5fM27vL3fNt/3aav3d38P96vIfCeg6f4g+C9vq143/ABOrzTZNSk1ndtuY7jazeYsn3l2t/D/s7azfhv4gvviX4ktV8Swxzx2vh2zvo7GRf3bTTbvMm2/dZvl/4DuoGe4TRfwtVOS1bayruZlrxfx5481T4dyePtJ0ZmisbW1sbqzbbu/s9rhvLkVf9n+JV/hr0Jfhjo7W9j9nja2uIZIZPtaszSTbW+ZZvm/ebv4t1FgOiks5GZdysrfw/LUf2BVm3S/M33fmWvB9NvPsfwz8fWf2HVZfs95qiw30Dblj8tm8tlbzNy7f92vStD8W6P4Z8D+G5NSupLaO4sYZGkaOSTbuVd0kjKrbV3N95qAOoazk2tGjM0f+7TZrWSONdny/8B+9XB+C7hfiNq3ijUNTuJ2t7HVJtLs7SCaSGOGOPb83yt/rGb5t1YuuRXHgn4heD7efVNY1OzuLfUGkWNppmk2srQtJGv3tqybd22hAesW8TKvz/eqRq8r8F+JmXxZ8QLhpr6WxsZLVre01C6aFYVkh3Mv75tq/NXRaf8UrO6uI4WsdrN/zz1Kzm/8AHVk3N/3zTA7Jm+Wo96/3q8z8A3GofEbwbD4ivNa1KxvNUWSS3+w3DRx2a7mVVWP7rbdv8W7dWXp/ia88OfFC60fxBrmoT2q6Ta3CqqzTRrM25Zm/dqzLu2qy7v8AgNAHrzN/dpqy15n8K/GDXHhPWNS1vXpZ7e31a6t1udQm2qsccm2Nfm2/w7a9CtbyG8t47i3mjubeRfMjkjbcsi/3lamBe3e9NZqjWWjd83y0FDlpsy7o2/vU/mkb7tAHL33jDSdL1S10e6uGg1C8Vmt42hkbzFX721tu35ak8P8AirS9UvrzS7W6ZtQsfluIGhkVof7u7cv+1XG/E77R/wALI+HP2O4itpmbUF3Tw+Yu3yV/h3LWf4d16Hwv48+I19rl5Ftt/wCz2kktoWVfmh2qqx7mbd91aoDuPGHhKbVNW0XXNNkii1rSWkWNbnd5NxDIu2SOTb8y/wB5W/vVn6PoM2s+MI/FmoyWe6Oz+x2MFjN50axs25m8z+Jmau2tZVuGj2fMsn3a87+B/wDyTPR1/u+cv/kRloA9AqNl+WpP4aa1AynN92oKszVTZaBkM1U5P9pqtSN96qszfxUwK7VVm+WrEjfLVWRqAKslV5Kmmb5qzdU1qz0mHzr+6gs4Wbb5k8iqu6mMkkaqc1V9Q8UaPYeSt1qlrbedH5kbSTLtZf71NvNUtbO4t4bi4jgkuG8uFWb/AFjf3VpgSNUbVXs9Us9Wh86yuI7mHcy7o/7y/eqagBu6inUUAfTdRM1R+a22oWb5qyEc/wCMvC954m1bwvcW9xbQR6PqH9oSLOrM0zeW0e1dv3f9Y1Zd14I1qXxR4q1SDXItMXWre1tY57aNmubeOHd8y7vl3MrN/u12jN8tRtIzUhGbqWuM2pahp62N15cOnteNfMu2FmbdtjX+83yszf3f+BVi/B1o/wDhU/g1omVlbSbf5lbd8235qydc1y+8eapdeG/Dl5Jaabbt5Osa7A3+r/vWtu3/AD2b+Jv+Wf8AvVnx6TH8CdtxpscrfD+bat5Z7mkbSZPu/aF/iaNv+Wi/3vmpCPUm+9TWaq6yrcRxyIyyxyKrLJG25WVv4lqGSX5qQFumM1V2n/u1XutUt7VoVlmigaaTyY1kZV8yT+6v95qYGHb+Kr7xB4k1jTdDWxit9HkW1ur7UFkkWS427mhjVWX7qsu5t33m+7UPh3xbrV94uj0XVtLtdPb+yZNQkWBmkZZFuvJVVZv4WX5vu/xVl6Tp2seCPEniZrXS21rR9avv7UjaG4jjmt5mVVkjkWTb8vyqysv/AHzV7S7DWG+I02rXtrEtq2hx2PnwSLtabzmkZVXdu27WVd235trUAd0tSbvlqjHL81O83c1IC5vWuZ8ceFf+Ew02zjguvsOpabeR6hp920fmLHcR/d3L/ErKzK3+9WhrlxqVrpc0mkWtteah8vkwXczQxt83zbmVW2/Lu/hrkV8QfET5lbwn4eZv9nXpP/jNAGtfXF9Z6LfX3iW1tbyzhj+bTdJhkuvtTbl27ty7v+A/99NXK+EfBtxLq3hfXNO8iDTbGTUJJraeGa3bzLpvm8mNo/ljj27V3bd3+zWp/wAJB8QFb5fB+is3+z4gb/5HqT/hJvHy/e8E6Y3+74gVv/aNAFGbwe1na+Om8QXy6fpviK+jmWfS/MmmhXy449rL5bfK3l/N8u35mWq6+FfEWueC20XUtH0HUNLurFYVsblWs1t5FaT995axsq7laNtq7WVq1G8YeOov+ZDtW/65+II//jdC+MPGn/RPfm/2det//iaYmVfBPw71r4X3E0ekTWviGxvobX7Z/aFw1vMt1DCsPnK22TcrKq/L/DWp4o8O614gs77TdS0vSPFGi31qqtaXNw1usNxuk+Zf3bfKqtH833vl3VCvjLxkv/NOZW/3dctacvj7xZubd8M9S+X+7rFn/wDFUbiMPUvhzrUvgP8A4RHUtP07xfYx6fDb2t9d3jQzW9wse1pvmVm2q23aytu+WsdvgnrlxqmsapLdL/b1va2K6Hrq3X+krcWsLRs0i7f9XJu+Zfm+X73zV1zfETxQ0n/JNdX2t/d1Sz3f+jKjk+IniCWGSFvhv4h/eK0bNHfWO5f91vOoA7Twvea1daPC2vWNtY6ovyzLaXHnQs395flVlX/ZatyNt1fAfhv9qzx94L1SbT21KLxHZx3EkMdtrMayTMqybf8AXRtuZv8AgTLX1x8IfidqXxI0ea81HwfqvhXy9u1r7/U3H/XPdtk/8d/4FQB6Nu+apFfdVPzfmpy3Cq1Ios07+Gq3m7moa42/xUCZDqWvaboyxtqOoWtisjbY2u5lj3N/s7qa2uaf/aS6f/aFr9u27vsn2hfOZdu77v3vu1wvxolkbRfDMcEcc8zeKNN8uOdtqsyyM3zNtb+7/drPsdUmX42X19rcNnp/2XwmreZBcNMqx/am3MzNGu37rUxG58ZNIvNZ8K2M1lbyXn9l6xZ6pNaRrua4hhk3SKq/xNt+bb/s1T8WX9r8QfEngu38P3UWpx6frEesXl3B80dvbxxyfKzfwtIzKu3733q7iPUobq3t7i1mWe3mVZI5I/usrLuVlrF8B+ILrXP+Ek+2Teatrr15Z2/yqu2GPbtX/wBC+ai4HYK396j5ah8yneb8vy0wJaKqLcfMytTvtCr/ABUmFyzSNUf2pfu0NLQIkWnfcqHd8tNjuGZttAyzzSbt9RtL8tG73pATbqdu96hWVWZl/ipytQAtJ/FTfNX+9Tt/y0AG2hqa0u2nK25aAH/w0m75abupaAF2N/tU75t38VcPqnwvtdS1C4vP+Eg8TWbTSNI0dprE0ca7v7q/wrVGP4XxyszReMPGMX/cYZv/AEJaBHaaxo1nrlm1rqNqtzCzLJtk+Xay/MrK33lZf7y1V03wvpuktcSQQy/aLhds1zPcSSTMv8K+Yzbq5f8A4VfcJ9zx14x/4Fqit/7TpzfDnUlbanxE8X/8CvIW/wDadAGp/wAKx8P/APCKzeG/ss/9hzM0jWi3U235m3Mu7du27vm21a1TwTperR6a0/2lbzTfltdQjuGjuY1/iXzF+Zlb+61YK/DvXIvufEbxNt/uyfZ2/wDadSL4F8QM26L4ka1/tbrW1b/2nQBsah4L0fVNHm03UYZb6GaRZGnuZmabzF+7Isn3lZf4dv3ataXoK6XcRzPfX2pzRrtjk1CbzGjX/Z/+KrmZPBfi5fm/4WVqH/AtJs2/9loXwz4y/wCijT/9tNFtWoQrGpJ8PtN+z3Vmk11Fo90zNNpKyL9mbd95V+Xcqt/dVttSal4Nsbq+s761aTSNSs4WtYbuxVVbyW/5YsrKysv+8vy/w1kt4f8AHHmL5Xj6Dbt/5aaDD/8AFVDJoPxCWT5PG2mS/wDXTQV/+OU9ijYtfAekrY6ta3kbaqusfLqEl825rj5du1tv3dq/d27dtR6T4PuNNt4bNvEWp32n2+3yYLny9y7fuq0iruk2/wC1/d+as3+yfiQsf/I2aHL/AL2ht/7LNUa2HxKiVWbxB4ZlZf72kzL/AO1KLgSWvwxj03w3rmix61dS2+sSXE008kMfmRtN/rNvy7f4v+A1R17S9S0Twnp/hu10++8Q6f8AZ/st1PB5Mcnkr92PazL95flZlq59l+JjN/yFPCLf72n3C/8AtSmzW/xMi+b7R4Qk/wC3e6X/ANmoALXwRdaNqV5qXh7Uv7IbVGWa+0+a1W4habbt8xfmVlk/vfwtt+7TbjwLeXHirQ9abWmZtLjmj8ueHd53nbfM3Nu+X7vy7fu03d8TF+7H4Ql/8ClqNrz4mL97T/Cbf7txdL/7LQBc0PwRNpPizxFrU+oRX0OteX5ls1vt8vy12r825t3y1tNpenxSblsbVW+9u8la5WTVviV/0A/C8v8Au6hcL/7Tqu2s/EZW+fwz4ab/AHdWmX/2nTQBofgjVPB8c2m6Hq1rFoLSSSW8F3atJNZ7m3MscittZdzfLuX5f9qpNP8ABuoab46uPEC6lFcxzafHYtBJCyyKsbMyybt3zNub5vlqu2vfETb/AMijoLf9xqT/AOM1H/wkHxE2/N4L0dv93XG/+N0wK+m6NcfDbRdYuLyNdc+0alJqEMen2ckjLJM33WX5vlX+9W18O4rWz8J2dvaxzwRr5jbbm3aFtzSMzfu2+6u5m21zuvaz42v9F1CzvfAemtZ3FvJHN/xUG3bGy/N/yzr438I/Gn4heFda+w+Hta1DU4/M8uPTbmP+0FZd3yrt+8v/AAHbTsB+iG5fSnbq8v8Ag/438ceLbWT/AIS/wavh5Vj3R3azbVmb+75LbmX/AL6r0zd8tILkjNQzVXmuFijaSVlijX5mZm2qtVf7c037P5y6lZtb7tvmfaI9u7+7u3U0O4XmjafqV1DcXWn2tzcW7K0M8kKs0bf7Lfw02Pw5pMV5NeR6XZrdTLtknWFVaRf9pv4quR3EdxGskUiyxt8ysrblaoZNWs7e6a3lvrWK4X5vIaZVk/75pjM/UFt9G1SPxFe6pJZ6bptqyyWzNth+9uaRv7zfKq/+g15z8DfF8NvYx+Gb2zudMut011prXi7V1C1aRm8xf9pd3zL/AMCrote8N6l438WLDq0aweF9NkWS3tlbd9uk/wCekn+yv8K1ueLvB+n+MtJWxuvMtpIZFms762+WazmX7skbf53UAb26o2auN8I+MLxtSm8M+JVjtvElrH5iyR/LDqUP/PxD/wCzL/C1dY3y0xkcjVXZqmZ9tYPijxVpfhKxW61S68hZG2wwKu6SZv7sa/xNQO5ek+9t+WvJfA/jDVPEevfZ7rWGXVLVpF1Tw/cwxxtb/wB2SH5dzR/7W5vvV1Hh3UvEniDUF1K9hi0XRWjZYdNZfMmk/wBqRv4W/wBla53UPAOsa9qWiyavJaxTaX5irq+nyNHdyRtGy7fu/L97d/F8y00I75mqrJXEyeI9a+H37vxQza1of/LPxFbQ/vIf+vqFfu/9dF+X+8q1a8QfESxs2hs9I8rXtYulVre2tJN0e1v+Wkki/Kq09ANLXte0/wAP2f2rUbqO2jZljj3fM0jf3VX7zVzPjqw1DUv7NuNGktv7YtWkkhtLv/U3ke1fMjZv4W+7tarGh+C7hdSbWvEFwup65J91v+WNqv8AzzjX+GtbWvD+n69HHHf2vnrGzNG25lZW/wBll+akM8z+GN/Z+IP+EkaW1+zW8iwr9hufmaG38lV2/wC7/rFrQ8VapDfzaLDpF5bS3Vnqyx7ZNzKu6GT7235q6i48IaLK1qz6bAzWq+XC235lX+7/ALS/7NZa6bDqniS6uLzRWX7Pt+y3M8ce35Wb5o/m3bvmb+7QMy/BN5HZ6e1veSL9qk1K8hXyI22s3nN/3yv+9XW1hal4ftYtQ0+Sw0/yJluGma5tmWNVX/lorL/FuWt5qYCc0Um6igD6OZWmXarMrN8u5fvLXg8PxV1JvhLY3yeJmbxRdahHCqtbx/6uS88nbt8vb/q/m/3q96mWRYZPIaNLjb+7aRdyq3+1Xmv/AAqrUF+GOg+D4tYtWbTbqG4a7kt5Nsiwzecq7d3yszfeasnoI6Lxp46sfBHh/XL6e4ivrjR7VrhrTzl85v4V3Kv3dzbfm2/xVTt7PxZ9n028fWIJbppIZL6x+yxrCsbMrSLC33tyr/EzNWL4m8EW/jzxNeWs9vKumzabdWOoSNZtC0M0jRsskcjKvmbtv+0vy10mg2fiRYbe31a+02RbdVVru0WTzLrb/eVvlj3fxbd3+ztqRGxa2dvptutvZ28VnbqzMscC7V3M25vlX/aanXDLLC0csaywyLtaNl3Ky1YaJWWo9q7aQjyeHUr74R+ILfw3ZaTfeI/D+qRzXWk2liytc6f5e3zof3jKrQ/vFZfm+XdtrUb4iao0jb/h34oVdv8ACtq3/tarmsfvvjF4Xh/546LqU3/fUlutdQ0XzNQB57q3xam0HS7rUL/wP4ss7W1haaaSS1h2qq/e/wCW1WPCeg32patD4q8RrG2sSR/6HYq26HS4W/hX+9My/ek/4Cvy1J8aF2/CnxZt/i0+Rf8Avr5f/Zq7CO18qNYf4lVV/wC+aYDvv01aGi2/dahvlVaALC07f8tQx/P/ABVa+Xau2kA2T/j3NQ/dqRqNu+gCHd/s1HvarXlbloW1+633qAI/4Vq1DD8q02SJmX5dtSK3lKq0CY35Vam7vlobczNTv4VWgRX27dzfw02402O8tbi3nj3QzRtHIqtt3Ky7Wq19nZlqTym20gOR8J/Dnwz4Dk/4kOg2OlbV2+ZBCvnN/wBtG+Zv++q6xZWZf71Na3+ZmoW3by9tGwDluNy/xbqk81du5qjjiZZG3LTvIZvmagaJNzM1Ob5V3N8lOhX5tzfdomljkj2pNE3+6ytTBmHrnh7S/EzWq6ja/afssy3Fvukkj8uRfuyLtZfmqrqHg/Q7/VLrULzTY7y8vLf7HM0kkjLJD/zzaPdt2/8AAa3v4dw+b/ao+zszLtXdtoEYt19u/tjTZILyOz0e3jm+1W3l/wCuZlXy/m/hWP5m/wC+a4v4K+OdJ1668WWdrcbriTWrzUrfcu1bi1kk2rNH/eX5du6tDxJoOrePtcm0W8t59M8I2rL9s+bbJqzbd3lrt+7br/F/eb5a1PFXgFdetbGbTWXRdc0tvM0vUI1+W3b7vlsv8ULL8rLQB2iy7lamrLt3M33a5fwL4ybxRb3lnf2v9meItNkWHUtNZt3ktt+WSNv4o2+8rV0jL+7amA6S4X71VbiWTazK3+7Ui/M33flpzMvlzSMyxQxruZm+VVX+81ABDL8u5vvVx+qfEu6i1bxJZ6TpMGqyeH4Y5ryCS88m5m3R+Z+5j8tvl+78zfeb5aLX4jR+INYjs/Dmmz61p6ybbzW93k2Uf/XNmX983+78v+1XH/ELw/ceIJNQvLXQ9X0/xppreXoes6XbttuF2qyrJIvy+XuZlZZPl/u0CPbmb5fl+ao4flk5rjbzx9feDbxo/F+krY6KzKsOv6ezTWkf+zcL96H5v4vu/wC7XZebHcWsc0Ekc8Mi7o5I23Ky/wB5WoGSSSK21Vamr/vfdrmfFXj7SfCt1Hp7LPquvTR7odG09fMuZP8Aab+GNf8AabbWTY6T4m1nULXVvEuoNpVrDIs0Ph/SZGVVZfu/aJvvTf7q7VpAWPid4wvPCXhtdStfPitVvIY76+trf7RJZ2rf6yZY/wCL+H+9t3Vz8nxB1JrjRdP0vxBa69/wkl4y6Xqyxx7YbWOFZJmkWParSK25V+7977tdlrkWtf8AEruNG+ytNHceZcW13I0a3EPlsvl7lVtrbmVv+A1xNv8ABG6sNek8UaQum6RrUeqfbrXSY2ZrLy2h8maNmVV2tJ97cq7VZV+VqAO60+31qw1qOO41RdT0lreTdJJDHHMtxuXb93arKy7v4f4azfFHjLUNB8deFdNTUrG20nVFumuvtca7l8mNWXbIzfLu3Vaa38RX9u3m/YdBk+6u2T7Yy/N80jMyqvyru2r/ALXzVwtjpeveMNc8J6xqmn6ffWOmtqEMk+5Y/tEczeXDMsLbv4Y1b738Xy0AdZ4T8WX2veNPGVjLdWs+m6TJbx2rQR/NJ50PmNubdt+X7tdosu1lZWb7tea6PoOseFde+IGpWegxMt8tvcabbW00f7ySOHy9rL8u3c3zV0ngXXJvEHh+3vLyaOW6/eRzKtm1r5MittaNo2ZmVl/3qBHTR3DfMzN8zUfamZtvzK1V4V+WNamWL/SNtAGXr0niK4ht7fQZLGK6kZt1zqEbSRxr/d2qyszNVHwD4muvFHhGz1S8tY7G6kaSOaCBt0fmRyNGzRt/dbbuWpvHja5FpscOg6W2oSTNtuJFuo7doY/4vL3fxN/47VHR/wC0oLXTYW8N/wBkWreZG0Ud5HItnGqr5f8Avbv9n7tICx4s8b3XhWTQ44tNi1NtW1BdPj3XXk+XIysys37tvl+VqND8dR6zrmraTcWcmlatpqwyTQSSLJG0c3+rkjk/i/75Vq5f4wWcl1J4VVLPUry3tdahvLz+z4ZmaOFY5FZt0fzfeZfu/NXnPibwveXUfjb+zdJ1W88P6gtjND9ut5pLmS6jkXzGj3fvPLWP+9/wGgD6OW63Rqyssq7vvK26pIZtu5V+61ec6po02g2emt4V1BtMja6j+z6THbr5NwrSbpvMVl3Kvltu+XbtrvN22Rtv3aYFqSVt1N3fN92hv7v96pvsvy/e+agCPzVpqyfNtXbuqOa3bd8tN2/MtAFyOVf96m3DLu2/dqru2/dqNpfvbm/4FQBYWX+7TmuNy1Vt2WVmqaT7rUAR/aP4dtSbvlqm27+KmyXUn95aBjprhWbatRzbdtRxruk3fxU648xV+agBu7+FajkuNq/NUX8NRN8y07gR332e/t5rW4hjntZo2jkjZdyyK33laqeh+H9H8P2/2XSdNtdPh/u20Kruq55W1fmqFZdrblWqTAvNKqsqrUm6s+S4b7zL92mtK0q7qQFyGVWm8t9rK3y/N/dr5taW6X9n3VLf+yYG0+Pzv363S7l23X3vL2/w/wC9X0BM25W3My7l27lba1cmvw00WLwvcaCi3X9k3TM0kDXUn8Tbm2t97azU1oI0NQ8df8I/DY2sWm3Uv2qFo7e5jVfLWby2ZVZd27+H722uX+GOh6X4w+E+m3GqQx6hNqkLSXk8nzSNIzNubd/Cyt/3ztrU1zwvdalcaPbwQr5OnzQ3EOoNcN9pVo/vL935ty/LU0Pw7023mupLWS+0+G6m+0XFjbXTLaSSN95vL+6u7+LbTuUjsrOX7PZwxxN5qqqqsm771WvPWs23228KwxrtjjXaq1J5tFxnG/Gi1hvfAOpXw8yDVNHja+0++gbbNbzL/Erf7v3l/irPs/B/iS6tYZv+Fka5+8VW/wCPe1/+N1ufFCLd8NfFn/YLm/8AQataHLu0HT22/ehjb/x2qA51vBHiLd/yUbXN3/Xva/8AxusnwLYtda9rja5cLrmraPfNZ2+qTxqs3k7VZVbb8v8AE38NeiNL/s1xPhtZovFHjSR4ZII7jUlmhZl/1i+TGu5f+BK1AHVfavmo83dVdvvU1rjav3aAK+qM32O6Vd3zQyL/AOOtXjfwZ0nT9G1KP7Fbx232zQ7O6mWP7rSbpFZv96vYLpvM3L/eVlrgfBPgvUvDl1YzXixeXDpMenttk3bZFkZv++fmoQHbSS1Xklp1VZvvUMpDZG+aqsjfNuWpJPlWqbM26gY5pahaWmsrLTdtMA2iijZRQB9NSfdqNW+anfMyrQy/NWTAbN81V1b5ttTMrVDIu7cq1ImEjfNUbNtWiSJq4vxt4o1CwuI9F0OGNtauIWma7uV/0fTbf+K4mb/0Ff4m/wBmmSQtcNL8bIVX5vs/hmTd/ss14v8A8TXYM7KzfLXifgv4d2PirVP7Ys7jV7TRY7eS3XVo76a3vdcmaTc1wzL/AMsd27b/AHt3y/Kq122n/DS3sLqG4TXvE07QyLIsdzrUkkbbW+6yt95aALmqa5oPiPWNQ8F36yNeSWq3DWlyrRrcQ7vvRt/FtZavaX4gj1xrpoo51+z3ElvJ58fl/vF+9t/vVw/ijwq3jTxZrlxo15BZ+KtFjsZNNuf7si+czRt/0zbzNrf71WPB/jK10vwTa614hWTQ21LUrrzFnjbbbyNNJ8sjfdX7u3c3y0gPQtzbWao2l+0K1SLuZY9jKyyLuVl+ZWX+8tc/eeNNLsPEkOgrJLfaxMy7rSxj85rdf+ek3/PNf96gC9qXiOx0NreG6mb7VcbvJtoI2mmk2/eZY1+bav8Aeq5ouuWeuWa3VhcLcw+Y0bfKytHIv3lZW+ZWX+61cLar9j+OmrTX8iwR3mh28emyTNtVvLkbzo1Zv4tzK22pPhyslx4q8eaxbybtH1DUoVtZF/1czQ26xzSL/eVm+Xd/FtoA9K+VlpvmVGv3VojVttAEkku1eKasrbacq/N81SeVt/3aAIVlk3VJ/vNUKruoZG3N/doAsM38NCtUca/NQ0W1moFYuK3y/NUP2jbJt21Cv+01C/e3NQFi4rf3qcsqqtVVbdt202Td8y7vmWkFi0zbl3UNKyx/7NU7WVl27/7tOm3NH92gNixDdbpFVl3bm21863TXFn8A/iJHFocTWMl9qzfa1mjXb/pTKv7vbu+XbX0ZHaq0PzMyt/eX+GuRuPhbov8Awid94bT7cui30jTXEf2xtzMzbpPm+98zfM1MRJqXjKHwbZ2NiNLum/0Vlt5I7dfs3nLC0iw/e/iWNvurtrlfAfhLTfG/wt0vUtYhW81rXLNbq61b/l7WaT5t0cn8O37qqvy/LXRal4ZvNW17QZNqxW+jyLNDqDXTNcyL5bLJC0e3b83y/Nu/hpuk/Dex0mOSzs7zULbRZJGkbRlmX7Iu5tzKvy7lXd/CrbaAO42/Nu3U5W/hqvuZW201ZW85v4VoA4P4zWsmk2Nj4s0aRbHxJp9xb2cNzt3RzQzTLG0My/xR/Nu/2WX5auLa/E6Lcv8AbHhKX5v4tNuF/wDa1Hxm+bwXHH/z01bS1/8AJyGu2m3NI23+9QBw/wDxc5ZG/wBK8GM3/XreL/7UrN0fS5PidcXy+L445f7D1CSxk03T5pF066kVY5FmaNvmb/WbdrNt+X7teiM21vm/vVxvw3m/0rxxJ8u1vE10v/fMcK0Ad9GscMMcaRxxRxrtWOJdqqv91VqaP7oqmreavy1Y83au2kBNJtlhZWVZI2Xa0bLuVl/2q+dfiBZ6p4B1Lxhb+C9Yl8NaLZ6Pb6pNpsC+ZG0k00kbeTu/49/u/wAP96voTzdteJ/FhWutS+Jn7tv+Rb02Ndv8TfapKAPVvCvg/RfBtrJDpNmsDTNuuLlm8ya4b+9JI3zSN/vVsTbZfl201otrNtpq7mamIkb7tOjl+bbUO5vm3LTlZd33dtAyHXNDt/Eei3Gm3ElzBb3Hys1tJ5cm3du+9Ueg6THo1mtqtxd3m1mbz76ZppG3f7TVpLL/AA7aj3NuoAh1K1+3281ul1PYtJ/y8223zI/93crLUem6Xb6XG0aM0/mM00kkn3pJGbczNVqRdq1HHKtAFhWXb8y01ZYVk+XbuqnJcfMtNX/Vr8tAjSkuF8v7y1XXaysr7dq1i6lbzXGn3UKX0tirN81zAu6RV/i2/wC1/tVyfwp1ybXNL1Zp9abXobfUJre3uZ4/LuVjVvlWZdq/vP8AgP3dtID0ZreFvmWq8yx+Yv8AeX7tcj8WNYvvDnw91rVtJvJLPUrG386No1Vv4lXaysvzferi4/idqy+OIfC9rqUWuWepLC1rrKxx7rVvma4jbb8sm1V+X5fl3UAekeIvBuj+I7y1urq3llvLdfLjkjupo/l3btu1WreW3+WvNdF8Uap4w8Ra5HZalJpWm6TfNpqtHDHJJcTRqrSSMzK3y/N91a7TRbrUItJ26zcQS3kckiyTwL5atH5jeW23+H5dtMDWkfaq/wB5amjut23dXmeg+N7y88ReMtL1LWtPgbS7qOGzaSOONtrRrJuZd3zfe21qfCvxReeMvA+j6xfyRNeXkPmMsEflrH8zLt/8doA7qRVlao2X5vlrBs/EDReJLrQ7ySNrr7Ot9ayL8vnW/meWy7f70bf+OstaTXX77y2oGTSK25lqGSzW4XazN/wGpG+ZvvVGrMqs26gRItusS7VanbflaoYW82RammoAo3Fu27crVGtr91t3+1Vhvm+Wmsm2gYRxeUzNRdRfaI9qtTWZlpzN8tMCm0TRfeaodrVJcSszbVX5ahmm8jbuWgBzRMy1Ctr/ALVSNcNt+Wq7XVABJb/N/stTfs7Lu201rpqIbhmb5qYDZrf+HdQtu3y7amkbc1G5vlpjRHJat8v96mrbssfzVYklXy91NZlaOgortbyN8yt8tO8plpvnsqqtVZL+RY5mSFp2jVmWNW2+Y392gRzfxc8QafpPgXVrW9m8qTULO4t7eNVZmkby2/hX+H/arF8M/Fjwi3hvTfP8VaQsi28e6NrpVZflrj7htY1nxJJG+3/hLtQj2yMvzR6Lat/Cv/TRv/sq9K0Pwlpug6Ta2K2sFz5K7fMkhVmb/gVWBX1bxVDrPhPVNU8J6xp99NYxtJu/10LMq7vLb5vlrn9N8eXHibS9JuLXbp98uofYdS025j3NbybWZl/8d+Vv4lauw8QaX5vhnVLXTrOL7RcW7QqsarHuZl2/NXI6x4BuLzxNofiKyb+z9QjaNdUtGZdt1Gqttb5fl8yNm+9/EtAHbSW/y/eqGSJtvy1Vt9es9SW4+x3CTtbzNbzKv3o5F+8rL/DUy3DSr95aAGta7dvzbW/vV5P4J1SRfFH9k6veX1j4mt45vtFpeSM0N9Hu+W4t93y/98/d3V640i/NXA2/g26XUNLuL/Vv7Qj0vzPsv+j+XIu5drbm3fN8tMDqtny1Xa3/ALzU5pdq1XkuN3y0mUiORdzbaryRLupzS/NUdxL/ALVAxsirULKq02ZmWofO/wBqmBLRUXm0UwPp5vu03dUe5qjklasQJGnWjduaq7bt1SKrfLSYmcbb+KNY8W6prUPhz7DbWel3jaf9p1CFpPtl0q/vFXay7Y1ZlXd838VQ6beaT8ZvAdrJe288VjdSf6VYrNt/eQyMskLMv3o9yt/vLTdF8Oa54FuNeh0vT4tXtdQ1CbVLWRrpYfJkm+9HNu/hVl3bl3f7tXvAvhdfAfhex0fzvtkkPmSXFzt2+dNJI0kjbf4V3M1BJ0m1Yodqqqqq7VVfl21V+61Okl3NVdpfm27aAJpGZV+9UMyx3EMkM8azwyL5ckci7lZf7rLRI3y1CzN8tIDx34leG774faGs3hnWNTs/D9xfW8N14fsW/eKskiqy2cn3oWbd937v93bWp4d+HuqXmn/Y5bdfAvhtm3No2kzbr+8/2rq6/h/3Vbd/tVsfE6JZbHw/G27954k01f8AyNu/9lruFl+ZqAGzaXZ3VitrPaxXNqqqqx3MfmL8v+9ViFVWNY0VVjjXaqqu1VWo1ahpdrUAWdq1KrbaprLu+7UyyrtoAtfK1OVVb5aqxy/MtWaAE8paNq7abIzbt1QtcfLSAmh21NtWqMdxUnn0XAsNEvy01olao1uKPtS7floAsLbq1H2df4qrreLUiy7mWmBItqu7dU0kSsu1qF+7VW4lbd8tAmWo/l+7RJFuX5maqccreW3zfNUnm7l+9QId9nXduWnLEtQrcf7VSK3y7lb5aAHfZ9zfeqNrVlk+81O3NuXa1UfFGs32jaHNcaXpcmtaluWO3tFbarMzbVaRv4Y1/iagDi/jV4g0+w0nRdLuL6CDULrWNNmjtmk2s0a3ke5v92u+juLeX7t5bN/uzL/8VXhMPhdvHmoatorXEWqtcTR/8JR4maFWWRlbctjZq3yqq/8Ajv8AvNXoX/Cm/AMvzN4P0VV/2bVVpAWviN4qk8A+H/7e+xtqVjDNGtwsEn7xVkkVd0a7f3n3vu/LVr/hILe4m0FtIt4NQs/EHmXEN9HN5attj8zc3ytu3LVHxJpNjoPhfR9J0jS2gs4dUs5FtrG3aRY41uFkkbaq/LXO6D4N1DwX8TLFbJWbwSy3l9bqqs39n3Ei7ZIV/wCmbbty/wDAlprUDas/ikreDfEXiBtDnih0Oa4huLZbxWaT7O22Zl+Xb/D8v96u4024k1TTbO8eFrZriFZvIZtzR7l3fer5/m0Zpfg/4+mVdeivry81Ro7FftCrN50jeT+52/NuVl/9mr3rQb+O40HTZImbb9ljX5lZW+VVX7rUNAaXlM1cTqXjbUIvFWuaHpFjY3N9pNjHeNbXdw0c14rKzfudq/dXbt3fN8zV2yy/LXlfxQ0FfFE2pLPoOprrWn7W8O67pK7ZFk8tW2tJu+VfM3bt3y7aQj1CG6a4s7eby/KaaNWZW/h3LToYpFZmqnpMt4uj2P8AaTRy6ktvGt00f3Wm2ruZf+BbqvR3C7tv8VMBzRNuqGS3kaRW/hWrC3Cr96pGfdQMjjVtqq1SQr+8+Zabv20favmoAddbfL2rUKq277v8NSSSqzU37Yq/LQBD9nk3LuWnbZPJ27atearR7qFl+X5W+WgDF1aLUl02RdNa2ivvMVt19GzRsu75vuturndP8P6ppc2rX0DWv9papqENxfN5LLC0axrGyx/NuVtqr8zfxV3jKrLUf3W+agDi/iJ4X1Dxh4H1bQ7CSCCbULfyfPud21V3K38K/M3y1T8UabJ5ng/xBLb+V/Y91I14sHzLHDNC0ckn3fmVW2t937u6vRJGXbVOGVdzbmWgDzmx8Jat4V8TatfaHb2eq6LrV1/aEltJcNbyWtwyqrMrbWVo22q3+zWD8QLzxBZ6hZtPJa7bezur6G2khaS2urpWXbD/ALTLG3y/xfNu217NN5artXbtqO3+Zmjbbt/2qBHlfhvwrqH/AAkHi7UtS0OBl1aSO6tY2mjkZdsKx+W25fl+7XPx+Fb7SfhLoOh6jNY6fqmlxySNp93IskOpeXuby9ysrfxfw/MrV7o21W2t92obi3tbho/NhinZW3L5iq21v9mgDy+6sF17xtY3W37Npum6G0N1G03l+XJNIrLCzf7sf/jy/wB6tb4Tq1vpN1YzxtBJa31xDt+0NNGq+ZuVY2b/AJZqrbV/3a7iSzs2t5ofssDQzbvMgaNWWTd97ctFna29mqw28McEar8qxrtVaAJLiJlXcu6qbK3lyferUZl27WqPYtAFeHdCytViRfNj/wBqpF2qtQtKu773y0DKart27qbJL/CtXJIl21TmVV+7QBHt+b/ZqvI+2rka1DtVpNrLTArw7tzbqbdRblWrWxYvu01lVloAyZImibdu+Wo5N3atKS3WRvmWoZLdUakBlqvzL81G6SJvl+arzW67qb9njVqaAq+azL81TKzbfvVJ9nVqGgWqAha4+Vt1NZm21ItrHtpzRLtoKOV+IXiibwl4TkvoI1a6mmhs4Wb7sckkm1Wb/drnfEGpap4Dm0e+l1a51XT7y+j0+8gudu6NpPuyRsqrt2t95f8AarsvGXhW38ZeG7rSbiSS1WTbJHPH8zQyK26Nv9r5lrm77wlrHiiTTbfW2sYrOxuI7xvsMjN9okj+621l+Vfmb5aAOit7C3W6a6ihjiuJv9ZOq7Wk/wB6rjRVYjt44l2ru/4FTvJWncCvJFtj+WqMjfdrSm/1dU5LddtMDy34mW8nhdbzxppEkUF9bw7dQtpPlj1CH7q7v+mi7vlb/gNcnD8S9SaGOZfHHgeJZF3bWVt3/fPmV33jCOHxH4w0nw+ke61sdupX23+9/wAsY2/8eb/vmuibwvosW7Zo9iu7/p3X/wCJpgeNyfEjUl3bviN4O27f+WdrI3/tSrHijxRfWv8AwjsyeKo7aHULG4kku7aOPyZpI1Vo2VWVvvbm+WvWv7D09V+Sxtl/3Y1rnde8L3F54k8P6hataxWum+cskLblZlkXb8vy7f4aYHAyfEbUv+EbuL6eFYL6x0mG6mg27V+0Tbtu7/ZX722uk0/SbjTZIbqXWrqSNY2+0R3cm6NvutuX+7t+apPEXhWG/wDEV4t1DJLputaetjM0fy+XJHu2/wC7uVv++lrP1bwzr1x4bvrOXVIr6SO38u38iHyZLj7v+s+b721f4floGc74m1zytY8RLFNqc9vNo6zW62nnMsMn7z5v+mf3Vq9JqUP/AAiMccU0rahHpq30beXI21lj3Luk/wCA/d/iq14f8JahLNfXV/fSxLeWslisE9uvmLDuby2Zt33trf3ar3ng+az+zw2ccrTR2LWMmoblVbiNl2ruXd/D96gZuaP4gt9cjZYo5YpI445GWSPb8si7lZf7y/e/75q9srL0XRpNN1K4kaPyofs8Nuq+ZuWTy937zb/D8vy1sMyrTGQ7aKk3UUAfS23azNuqTyV21H/D81NaWsQHeUu6nMyrULM1N+akImkqjcRMzfL92ppJW21C0rbaQiGG3b5mZqjZf4dvzVNubdTpPl+ZqBFfatRyRfN8tOZqjklagDifiN82oeCbdf8Alp4it22/9c4ZmrsvKrldW15rjxZDoum6fbahqlnCuoTTXbbYbFW3LH8yqzeY3zfKv8O6q/8Awn19b6lHo8+iqviCa4kjhtluv3LQxxqzXTSbflj/AHir93du+WgDtlXa1N8rd96uXt/iJaxXmsWetrHpF5pNqt9cfvPMha1b/ltG21W2/Ky7du7dULfEhrOx0/VNS0efT9DvpI41vpJlaS38z5Y2mh2/Krbl+6zbd3zUAdl5G1vl+7TpF2/drn28YNca5faTpGmy6vcaftW+kW4jhht2Zdyx7m+9Jt+bav3dy7qo6T8SI9Z8QafpK6LqFnNeWs15uuWjXy44ZvJkVl3bt27b/e+9QB2MP3qtrKu2uV8L+LY/E0mqLFZ3Nn/Zt9Jp8zTtH800f3tu1m+X5lreWX5qALjfMrVTVWapPPam7vm3UmALbtTlhqZW3U5WX+KkBXZWZW+Wq7K23cqsu5q0Fb5qkVaZJkru8xV2tWlbqvlrTvlX5qasqq1MaLUdVbpV8z5akW43U5mVqBlNYtq0N8u6r25WpsjRr/vUElXyty1ajt1Vdq1H5q05rj5aAOP8Ra9eS+PNJ8I6dcf2fJcWM2qXl8satIsMbLGsce75dzM33tvyqtR6L4gvrXx9qXhPUrhtT8nT49Us76SNVkaFmaNo5NqqrMrL97b91qta94curjxZpfibTWg/taxt5LGSC7ZljurWRtzLuVW2srKrK21v4qNB8L3UXirUvEmrNB/al5bx2ccFszNHa28bM21WbazMzMzM21f4aANDTdHsdB0+30/TrWKzsYfljgjXaq1Y21pMsf8As0RxR/xUgM9YmZvmq0rfK3+zVryo13baF2rRYCqysyq3mVa8hv8Ae3U5oo2qxH90UwI/K3LVeS3Zl+ZvmX7tWt21mprbWbdQBVj3bW3VIu5WapmX5aFiX71AEbfNtqRWp3lL/CzU3av96gB0e5mp0kTbadH8tOZlZaAKu1ttV5Iv++qvSJ8tQsvy/epAG7bCy/7NQtKywx7Km2bqGi/hVvloAtW8vmRq1RyNuk+WnRr5S7ab5qrTAjumby6osvzbtvzVem/e0baQFHzZNrKy1XaT/SN1aDR7Y/lqutnJ5zfd2stFwIZLjd96of4d26rTWcn7vd8yrQ1qy7ttAhsLfL96iTdtXb96hbVmm+b7tTSW/lKu3dTAjWVtvzU3zfmqRlWKP+9ULRbm+WgZM0rfw1C0u5qmjtdv8TU2SL5moAbJcKqqu6oZG/8AHqGib5fvVHJu/utQANLtWq6y/Nu3fM1TSfvYdu2oVi27d1ADll3My0NLTZPl3NUMm7/gNADWutqt/equ11uX5m+appolaP7rVR8pVZW/hoAkaVvvU37QzfeqPazN/s07b95aaAk+0fLu3U77R8v3qrqvy1DI21dq1QFpZW+b5qrzXUm7atNtd0q02b90y/3qBom81tvzVXmuNv8AFTpN0q/L92qbRM25aBlj7Z/eqa3ulbdu+WqLRMv8NTKvy0AWJrhWX5azdW1e30bT7q+upNtvaxtNI3+ytWG+9WbrV/a6Xp81xeyLFbr8rbvm3bv4dv8AF/u00ByPgG1ums7rVr3d/aGrTfapN38K/wAK/wDAV2rXVMzf3qw4/GWi/wCmf6U1mtrCs0kdzDJCyxt8qttZfmqax8Uafq119jt2livPL877NcwtHI0f95Vb7y1dgNRpfl+WoW3bd26sFfHWk+Zt3T/ZfO+z/wBoNH/o3mfd2+Z/vfL/AHa0tS1S30vT5ry8mjtrWH5mkkbatAEk33q5/S/FGk69JdR6bqFtfNat5cywSbmjb/P8VYM39pfEuT5Y7nSPC/8Avbbm+/8AjcdXtW+Hel6lHbtZL/YuoWq7bXUNP/dyRr/db/nov+y1AzaZtzVXkbdJXM2Piq80nUIdL8UQxWN5M2231CP/AI9Lz/db/lnJ/wBM2/4DVXXPEGvWd9MtvH4cWzVv3c99qjKzL/uqtAzrGaoZPvCsHwr4j/taSa3vNS0O51DduWDRrrzv3f8AtbvmromWmMi5opdtFAH1BtXbTfLVah83dTmuF/hrIB21f7tNZVoVvlqOSVV+9UsAaJWqGSJd21aGl3N8tQzXHzfLSEyRVVahkXc1N+1Kq1Gsu6gkJIFqNrepGuF3U3zVagDz+40m+8K/EjWNcTTbnVdL1y1t45G0+NZJLWaFWXa0f8SsrfeX+Ko9Y0bVIvHGh+MP7Lna1jsbjS7i0g/fXcccjLJHN5a/e+ZW3Ku7buX/AGq9E/3qdu/ioA8f8TfDnUPiJN4wvljl0r+0NDXRdNju18uST5mkaSRf+Wa7tqqv3tu6rniyxuviJ4Ps/DcGm6hY3l1JarfNc2rRx2ccbK0n7xvlb/V7V27t26vUGlXd8tOaWgDznwf/AMW517xZpur294sepatJqljfQWslxHdRyKv7vdGrbZFZdu1v9moby1k8QfGSzmuF1XSI4fD8ke6DdHtka4VvLaRVZd3lru27q9OjuGX+LZTtzbdu75aAPKfhvb3kXhHxc1lcX0V82uX11G32XzLmaPd+7ZVkXazMq/ervPCN/NrnhfRdQnkjluLqzhmmkjj8tWkZfm+X+H5q0tSs49WhjjuJLlVWTzFaC4khb/vpWWrGm2cNhZw29vCsFvCqxxxr91VX+GgBqxVJ5Xy/LVjyflo2fLSAhXd92jbUyr8tOVaBbkMa1YXtQq07dTCxHIu+q/lNuq7TGWgNiu33qkbcq/LTvl3bv4qmWgZHH/q6bMrfK1T0c0CZS8r5acqsq1a20baBFFtyt81RySsrbtvy1oSLULRM0dAivu3MrU7c22pFt23fNR5DUAQxytuZamaXa1CxNubav3qGib+7QMmWXbtomumihba3zU2SJvJ/3aqybmWgCx9q3R/N96mrLuX71N27vmX7tOWLb96gCwrfu6PtHy/N8lEMW2P5qjmXa22mBMrfLuWms25qhjb93TlWpuBItxtoW8/efL92mrEqtuaqsisrUAa3m/L81V2uNzfLVOFm27lqRfvL/eoAuK/8VHmb22rVOZm2/wC9TdrK3zbt1AFxpWokZdtVWlZWp0PzSN/6DTAkjuN33qk+1KrbajaLbJuX7tV2+aRdtJgaW5fSoWuFVvu1TjlbzNrfLTWkbc38VSBc+1L/AMBpskqt8y1RV927dUm1tq/7VMCwtxt+9Tll81qzWaRdy7qkhuGVf9qncC5NF8v+zUKrtqNryTd833VqNrppfu0AWpJfK2/NTftW5aqq25ufvUNuiamBeVlZd38VV5v71QrcMq7aa1wzMy0ASbo1X5mo3R/wsrVn3ErbttFu3zbloA0G27fu1TZl3MtSLcN3Ws+Rma4+X7zUAWmlVfvVVb733flomWRvvLTfu0wDcv8Adpvy1HM3zfLVeS6/h/ipgTSXEe5lXbULPub+GqrL827bQ1w33dvzUwLm5VWmtKrfxLVP71NVf3lA0XvlVd1C7dvy1VZm2/LRD93ctAy023buaoZGVfu1DdNu/iqP+HdQA75WavP/AIqXH2XUPB9xOzLpMOqf6U38Ks0bLGzf8C/9CruJGaqd9FHeRyW88Mc9vIu2SORdyyL/AHWWmgOD+MX2WXRbOZdrSWN5b3F1t+ZvsqyfNu/2fut/wGofFytq3irwfHpdwrXkcd0zSRtu8u3kh2qzN/dZtv8A3zXZaboen6HC0NhZwWkLfejjj2rTbHRrHSWZrOxtrPd97yI1WruM8rjljl+Bc2huyrrS2/8AZ7afu/fLdLJ/d+9975q9AvPDdjrK6bJqkP2mSz+aNWk3R+Z8vzMv8TVsTWdrJdLdPbwNcKu1Z2jXd/31Qy7qQ7EMzKq7V+X/AGaqt/dqab5Wqq26mBX1CwtdUsZrO/tYLyzmXbJBPGrK1cyvw58J2/8AqvDelr/26q3/AKFXUMrVDJ0WgZm2ejabpbbrPT7Wzb+9bW6xt/47UzNUjL81RyJ8tMCHd70U7bRQB9PNFtWofKar1MrICKP5I13VDcL8ysv3asNUbUgKexqjaL5dtXGpuykIy2t2/iWo/KZWrSk+8ajbbSEZ7fe+7Tfm8z7tXJtv3v7tVWl/ioEOk3VDuZflq1HLuXdto27moArr96nN92ptnzUSbf4qAIKem7vUiqtO2/NQA6H/AHasK22oY/lqX+KgB+/d0pP4aYv3qkVlagTHL/dqSo/9qjcrNQIf/DSr2plPjoKChu9J/FSbqBMPu05W3LTW+7TVagRMrUbv71C7aa3egB9KzVGvanNQAfeanKy1C3y1JHQUSNTVSj5t1CtQJjl+WnfK1Mp38VAhaa0S05WWj71ADVVf4ad8v8VJ/FTaAJVWhlWhaNvzfNTHYFVf7tOVVX+GhaPv1NgsDKrL92o2jX+6tS80i0CIfKXdTvs67ty/LUm2kpgRKq07arL81H8VN/i+WgBv2Vdvy/LQsW1vl+9Um75aj3UATfeX5qh+xrG3y/w/7VSbm8ujd70gIfsqs27+KhrddzKtO3Ub/mosBX+yqrNUn2fdtpzPuo3UWAqzWf8Adb5qjht9snzt8tXGao2SiwFeRf3zL8tRratu+X7tXFVfvU5V/u0AU47Nt3+7U0lr92rSq1G2mOxR+yt/DUf2KTdWg3yfdpzfdpiMuSwaWRWaiS127tq1eaXbTWlosBm+VJuqNYm8xWb+GrzN8tN+VlosOxVuFZlqjcRSLu2/xVqNVWamIy2ik21Tkt5G+9t3VsM1V5PvfLTAprEy7d1R+W25vlq3SM23rQBH9lVlX+9Q0e1ty1JuprNQNEO5m3LtqPbJEv3asL2psjU0MqtulqTbtWn0xu9UBD5W5qryW8jSfN92rdMZqAKLW7U3yt1XGqNlpFIpyRVH5VXJvaqsny0xlGa13NUMlvtWrjVDI1MCi0S7aqsv96rkjLVWT71AELKq1C3+1U0n92o2WmBDRT6KAPpFrhol+9UP2pm+bdTt+5f+A01dqqu6sgCSWTb8rLVVribdt+Wrnyt/dpskEbfw7aBENvdM7Mr/AMNSbt9U42VZJP71Cytu+akFywzfNTWao/NX+9Ufm0hDpvmVlqnIzRLt21YaWo/NVqQgh+VVWrC9qy5JWWSrUNxuWgCw3y1XumbbUN1dfNtWpI/3sfzUADfulXbVpahji+Vd38NTM1IB273p0fytUavupytQBMrfNTl+9UO6jd822mBY3U1mqP7lOWgViRWo+b+Gm7tq/LTfONAbEm75aWmU5aBBupy1G21Vpqy/N81AFr7q0K26oV+anLQA7dTmb5ab8qNQ33v9mgB1NVvmpKXdQO5Mv3aazVGrU7crLQIdup26o9ytQv3qAJFp26o2pytQPcd96nbKj3UbqA2J6Kg8ynM1Ax273p0bf7VRc02gCdqd9yq+6hpaBMmZqarfNUe6ms22gRP/AA0ySXatR+bu+WqO5pZpFZvu0AaCy/LQrfN/s1Rt93zL/DVpV/vUASNR8ytRto+7/u0ANZqb81NkuPmbb96mx3W5trLtoAm+Z1o2/LTdzU3czUASbV20tQbmWjzKAJm+ahajWVVanM3937tAEm6mfw0xac0u1aB3HbqjZt1DN8tR7qaDcjb5vlpKOaRm+WqGNZd1NpzNUbNQA2SqslTSNuWqszfNQSQt96oZKkZqhZvmoAj/AIqjkVqkb/ZqGRvm+WgB38NDfdqPd/eoZqAGt8rUtIzfLTfNqihzU2jd703dQANUMzbV3VIzVDN81AELXDL/ALtO835arzbvutSfw0FIfI1QyVI23bVeZqaGVbi42tVfzdy06T7zblqGH+LdTAbJ941XkqxNVdvu0wK8nzVG1SN/tVHI1AENFPooA+iY23btq0MrfeFTQ/LIy7dtSfLWQFPay7flp00vlbamk+6Kz75mbbtoEyGSVfO2/LuamtTo4lik2tt3NVjbQSUW3baaqt/wKub+H91eXE3iyO6vp75bfXJreFrlvmWNY4/lX+Hb8zVa8deKG8I+H5rq3hW81KZltdPtP+e11J8sa/7v8Tf7KtUsDl9Y+KTab48t9JSxWXRY5o7HUNU3f8e95Mv7mP8A3fu7v7vmLXcMu1v7rVycfw3tf+Ff3Hhm6ma5muo5GutQ/ikupG3Ncf73mbWX/dWrnw/8TSeI/C9vNqO1dYtZJLHUI/7t1C21v++vlb/gVIDomi+XdUcjN/DUis0rfL92nLFQBC0XmKufvVYj+WnbWX+GnLtagCZabJ96nKyrR8rUWuA2Nqdu20u1aX+KpAg3NU6szLTdu6n807gMaVlj5p0MtNZdzfNR5SqtAE32j3qOSWjbsprRbqBMb9obdtq1HcfL81Vfs/8AtULE3mfeouIuSfKtV45f3lTM1VVVlkouBN9oZZNtTLdVVaJmbdTliagCwtx83zVMrfLVFatR/Kv3qYEjS+V95qr/AGj73zU6Rd1QstAEy3Cr96nR3S7qq7WZqNrbqAL3mL93dTllXb96s2Rvu1IrfLQBcW63VJ5se3durNbd/wABpy/doAvLcK38VTbvlrNVVVlq4v8As0AEku1ttOjbfVeRv3nzURy7aAJmul+7R53y1Tmbc26q6+Z5m5m+WkO5qLcfLuamrcb/AL1Zv2htzLtbatEMu7cqtRcRrebtoWVWrJaZtrfNU0bNt3UAaDNuqvIu77vytUdvcM0m1vmqxcf6vctMBq/uv96pPtCt/F81U5Pmpq/LQPY0llX+981RyXCr8tZ8lxs203zd1AixIzRXG7+Fvu02FWa68ymxt8tSRsytQBc83bRuVar+b83zUSXC7vl+7QBMzbl+WmstQrcLu2tUjS/L8tAAy06Nah83b96o2utzUAXvlWo2qutw2771Okl3LQA7dQ1Q7vmqRW3U0NBtb+KmyVI3yrULSL/epjGtTWb5aa0vzVHJcL/FSuSNy1V5vvU6S4XbVVrhWouASVVZqkkuF/vVXZlb7rUwBm/i3VCzU5qh83b96mA7d8tMpWZah83a1AEjNS0zcrfxfNR5y/3qdyiRX2rTd1R/aF/iprSr/epgO3fNRJVeaRtvyt81Rx3W5drfLQBNJVORm3f7VXG71Xmb+9QUhu79381UZGZmqSSXa1RtKu6mhht+X5qrt8tTNL/DUMjUwKsjfNULNTpqqyS/w0AEn3qhkb5qczVH/FTAN9FFFAH0Y0rNUbXnlbVVam+z7mbc1U7i3ZpGjVvmrIB015ubatR+V5S7v4qIV8tmqaRd0f8AtUCZGrK1DSqtRqrLTZvu0EnG6P4f1bw/pviCO3vrFtQ1C+mvreRoZPLjaRl+WRd3zKu2neLvB9v4wutLvG1LUNIvNNaRrefTZFXa0i7W+8rV0kitVeSJm+9UsDi7jwLrH/LL4geI1/3vs7f+06teCfBDeEr7WLyXWLzWrrVJI5pp7uONfmVdu5fLVf4dv/fNdQy/d+WiHdub5aQEitU3m1FSKu2gC3UVx8v3fvVNG3y1XuF+agAX7vytTtrN/FULLTdzbfmpgTRysrbWbdVqOXdWarVat2+Zl/iqGBa3U7dVeZtq1CtxsWkBe3L6U1pfm2/xVTW6jaTbu+ahm+ZqpATNcL822pI2+X71VVVvmo3MsbLQSTLcfvGX79Edw3mfd+WobeLd96neUyt8tIaJmlb5t1Oh3bVZmriW8ValrHibWNF0FbNV0dY1vr7UI2kXzpF3LDGqsv3V+ZmrJ1D4sXmm+C/E2pf2fbf2x4bm+z32ntI3lyN8rK0bf3WVlZd3+7QDPTo5dzNTvtCr/FXE614q1bQb7wra/wBn2dzNr1w1qzedJGsLLG0jN935l2r/AN9V1zKrUxEytu+Zak+0L/wKq67vL2rTfKaKRaALDXTL8v8AFTvtH3dy7aps22bd96m3V1u+VV3UAait/FTZJV3f3aoyXDRbdlNkuGaRaYFhZV8xqkWX95uqrC22RmanTN/doAtSS/w1Hu/fKtR/xbmp0f8ArqALke2pFqHd/doWWgCRl3NTWXa1RyXG1vlqP7Q235aQEzKrL93a1Njt/m/2aatx/tVMrf3aNwCS1/3ap/Z9rNt/irQaVdtQt92kOxCtv8u2homVfvVNGy0SfK1NBYhhXa26rDS7l+am+atQtceUzfxLTDYmZfm3VDJTVla4apGVdtAiusXzfN92pli/u0eVTd3lfd+agCRYttOX7tNWdWWm/aFb+KgAkVqbs+WneduWnK2771AEe35lqxs+WhUp235aAKrJTVWpm705aAGxxfLRItSLQzUAV1X5asQ/Kv3aa22nNLu+7TRQSbaz5P8AWVNdXG35aotK27dQwHSS7VaoWZWpszNTW/1e5aRJDcStEu7azVT81mX+Kr1x80Py03yty0AZ1LD96rEiqu5vlX/eqna3lreKzWt1Fcqvyt5EittqrAWJmqmzNu+ahdStZfM23UDeX8zbZF+Wmw3VveKzW9xFPt+95citTAa1M/iqfYtRtQNELN/dprfMtTfdqRVVvmoGU9jf3aGXbtarn8VDKrU0BRao2VkbctXvl+aq8zLTAbHdfL81RzM0q/7NR7f3nzVMtMZTmiaq8isjK1aDd6hkVd26mMoyfNTWlp1w37z5ajbvSYyvI25qhkWppqjk+7uWhAV2Sm7adu31G0tUA3ZRRvooA+kvNqFmXzP9qo9zbabu+b5ayAm2qtRtL/DUMjNtqNm20CZNJ83zbqxdca8uNPmt7C6WxupNq/aWj8zy1/iZV+6zbfu7q1t1c34yTWm0uSPw99l/tKT5VkvpGWONf4m+VW+akSZPgPUNWluPEWn6pfNq9vpt8tva6lJGscky+WrMrbflZlZtu7bWH461nxNpN1Z2Ol6ws/iDVrpl0/T/ALHG0MNurfNJIzLu2qv3m/vVoaDF4o0bT47WfS9IgVbiOPy7a8kk/dtu8yZpGX5pN38O35v71Yeh6b4q0nWNc17UfD8Wp65qH7uFoNSjWC3t1/1cK7l3Kv8AE395qQHYa1480PwrNHZ6zq0cV59l+0Mv2dt0ir8rSKqr/e/hWuR8QfEbUF1DTZvD91Yz6PqGqWelxzzwtIsjTK0jSKysv3V2r/vbqdr2m6xdeMLfUv7PkuY4dBuLOSWCSNd1xJtbaqs33flrn4/Ad5Z+A/hzoMvh2S5h02+hutUg3Qsq7Vk8zd83zfNJu+X+GkB303i2+i+JVr4fVrNtPk01tQkkaFvOX955e37235vvfdrQ8YeMofCtjZstv9u1DULiOzsbRW2+dM395v4VX7zNXG2/hL+y/i5dXWnaLJpmkzaKtmt3bQrHH53neY33f9nb823+GufuPDmqLqi3lra6heN4X8RLeLpc9x9oaa1kt1VmhkZvmb5mk2t/u0AejXni7VvDLR3GuQ6d/YqxzTXF9YtJ/oqxxs3zK33t2373/jtVf+E317+wV1xvDsH2GRY5FtPtjLerGzLtkb5dv3W3bV/76qj40tZPiX4F1rRdJtbyCS8tWVZdQt5LVVk+8sf7xfm3Mu1v7tXPDfjSHVLO1t/7N1CDVtqxzabPayR+S33W3SbfL2/7W75v4aANKbxlNf8AiDUNJ0Sxi1CbTdv2yS5uvs8cbMu5Y921t0m35v8AZrN0f4q2via8m0vSNLubnWrXcuoWc8iwrYsrbdsknzKzMy/Lt3bl+b5ayfDbR+BfFXjSHW5GsbfVNS/tSxu5Fby5o2jVWj3f3lZfu/e+Za5/4cyyeF/G3jTUtet5NDsfElwt9ps97+7WSONpF2t/dk2srbW+b5qYHbSfEizs/DOuaxPY3SyaHI0epafujWa32ru/vbWXaysv95a1NS8b2+jf8I+t1pt55mtTLb26xtG3lyMu5Vk+b+6u6vIfF0Tf8If8XPEjM1tpuvLDb2Pnrta4WNfL8za397c23/drpvEyrZ+MPhmsviCXULeTUmmjju2t9q7beTaytGq/3ttJoD2Db5sbbvmqm1qyq21qsebt+Wo2lqQI7e32yNup00sNuyrLcRRM33VkkVWapN2371ec/GBfN1TwDIunrqE0evKywfKrSL5Mny7m+X+GmhM9It9rNt85Wk/u7vmoa3bd8zV5LptxdXn7Q0dw2gx2ax6D/pEl3JG0kf75tskfl7tzfdX/AHd1evSSru/3qBBHCy/xVJ5TbvvLUfnVG11SGjhbfSbzwR408VX09rc32k69JDfR3NlbtM0Myx+W0bRr83zfKytXG+KvCWrN4F8fag+m3Tah4mvIZodNghaSSGGPy1jVtu75tqszf3fu16J8TtWutN8M28lrcSwTNqVjCzQNtba11GrL/wACXdXYLMrSNt+WmhnkfiLSbHS/HXw9uLCHUPs63U00zSSXU0cKtbssbN5m7y/mbbXrEaybV3VYVm7M1O3UAQruVf8AaoZm/u1PzS7l20gM/wDeeZ/q/mo2sv8Ayzb5q0NtG75dtVaxJmtFu2/K1O27W+Zavbl9Kk2rQBTjZfu/xU7arVaZdtC7aB2K/wDs05dq1M23dTfloEO3fL8tV/4qsL8tG1aAIfvUN8q1Iq05tu2kOxXXbUyt8vy1G23dU0a/LQNaDd26nbvl+apFX5qGSgY1du2o7iXb92pP+A1HIqv96gRR+0M0jbambcq/NUjW/wDdpsi/LTEyRflWhpflpqtuXbRtoEEcrU3+KjZQvagBrbd33aa23d8tOkWm+V826gBzKu3/AGqbHLtanbahVtsjUAXllqTdtWqq7ttDNuWgBsl1tpq3VQssn8VOa33LQBYW6Xbu3LUf2/dJt/h/vVTk05vvCnR28it81BRoRyruqO4uNse5ahWJvu7qbNa/u/vNTAJLjcq1G0tQ+Uy/d3U7ymb+KgAkZdtcz8RPFU3gvwndaxBbxXn2Xy90EjMu5WZV+Vv+BV0TRNXnfxyiZvhvrFuqyyzXCxrGsEbMzfvFb+GkSXPE3j668Lt4f821s5Y9Uuls5JJJmjWFmXdu/wB35a677R/e2r/wKvD/AIgeHNJuP+EP3yXl9YyapDJMs80k0fk7W+Zlb7vzV6c2uW8WtR6Osdy1x9n85pFj/dxru2rub/aqrAc/8XNSkaTwrpe5ls9S1RYbza23dGq7tv8AwJqx/iYsfhWTwzrGkRx2eoLqUNnJ5C7ftFvJuVlZV+9/C1dp4i8OW/ijTWsbzzFXcs0ckbbZIZF+7Irf3lrn9P0mHxBrHmXusSa1Jo9w0awNbrD5M237zKv3m2t96mBzfh+4bTfid40WDRZL7zJrVmaDy127ofmXazL96rXwP2xeEZv3KwN/aF0u3au5f3zfLXTab4LbS/EGqawmqSSzah5bSRtCu1WjXarL/wABqPwn4N/4Q2xurVL6W+hmuJLhfPjVWVmbc33f9qgDpmuPlqH7Qu35mquzMvy1H/FuoC5M0rbvvVMtx8tV1XctO2t60DuTefQ1wy1CqtTmXdTQwa4/u1HH975qcqtR/FVAR3Hyt8tN835abcfeqNmpgEjVG1xQzf7VQ/dWgpEcn3RVfczVJI1QtuWkxkczbahmqSRaa21loQFVt1Rs3y1YaoW/2aoBKKKKAPpPYtRybaWkasgKt1/qW21Tb7q1emXctV2WgTI1XctYviC8vreFf7Nsf7QvpG8uONpvJj/3mb5tq/8AAa2JEZvu1g+Kryx0uzjW/a6ihuma38y0hmZl+X+Jo/mX/eqWSUfCfiP/AIS3Rbe+azk0+4kkkhktpJPM8uSORo2+b+Jdy/ermbH4sQytZyX+i3Wn2N1qkmjrfedHNHHdK23ay/eVWZflar3w/ibwf4d0vTdUmul3XF0un/aY2aSO1VmkjWZv4W8v+9XL/C3wfY+KtDtby9vLq5jt9autQ/s2RlWOObzpGjkZdu77rKy7m20gPQPFWuQ+FbO1vri1nuYbi8hsf3G1drTSeWrNu/h3NWhqGpQ6XdWtu6tLcXUjRwwR/ebb8zN/uqvzV4H4o1mz1Kxmkv5rb/hOLfxZHHHbX0jRtHbxzfu1+X7sPlru3Kv8TN96vRtHl1i/+K10urwwWN5D4dVoY7aRpId0lw25lZlVv+Wce6gDcvvGGl3/APaVulnfarZ2e63vp7O18yGNtv7yP737zb/Eq7q1PD9vp8Oi2s2kQxwWN1Gt1Htj2s25d25v9rbtrjfgfeWuk/DOxs7y4jttS0uSaHUo55FWSG485mbcrf3vvf7VbEPjzT4vFln4fs/Is4Y1h8xpo2VVaRd0dvGvyqrbV3fN/s/K1AFyx8faLeaHqGsJcXP9n6fJJHdTyWsi+S0f+s/h+bb/ABbfu1tafqUOrWtveWrNLbzL5kbMrR7l/hba1eE2665/wonxpfW99YrptxJq0jQSWbNIytNIrbZPM2/+O16ZN4ok8Pt4V0OK3ga6vLWNVlu5mhj+VVXarbWVpPvfL8v3aAOss76HUrdbi1uPNt2Zlbb/AAsrbWVl/hZf7tUdN8ZeH9Wuv7Ps9a0+8vGbb9mWZfM3L/Dt/vf7NcHceNLzwl4+8YLBpv8AaOnrHp95Mq3HltHNIrRt5a/NukbbH8v+zWHpPg/UvH2n6pbxfZbPT18ZXGof2k0jecvkzfdjj2/ebb97dTA9skt/Mbc/zf71RyWFrKqq9vBLt+7ujX5avXDboWZah+Xy6AJtvmrUbRf99VNC25aJKkCr826sPxN4Ph8R6lot9LfXltJpNx9ot44PL8tpNrL825W/hZlrpF+b+Go7zzPsc3kMizLGzK0i7l3f7S0CZz9n4Ljt/GU3iT7dcy3E1qtm1oyx+X5KtuX+Hdu3M1EP2fwXpskmra1LP9ovGb7TfN8zSSN8scar91f9lf8AaauVX4na5b/Bm38bPY6fLcSLHN9k8uRY9rTeXt3bvvfxbq9KjjW6jt2vY4JbiFlk+WP5Y5P7y7vu/wAVAiP5kZlb+Gms3y/NXG6T461jxVHfalofh+CfQYdy2tzd3DQzaht3KzQrtZVX5flZqkvP+Eo8VQ2K2E0XhrS7i1juLi+X99eqzLuaGNW+Vdv95qLAYvxs8VaPo2j6fY3moRRXjalY3TQL80kcMdwskkjKv3VVV+9XpWn3lveW8N1b3EVzazLujngbcsi/3lasXwz4I0fwrDMtha7prj/j4u7lvOubj/rpI3zNWLdeAL7wrdSal4GkitvMbzLjw7cttsrr+80f/PGT/d+X+8tBR6IrfLQvzVyvhXx5p/ia4msfLl0rXLf/AI+tGvl23MP+0v8Az0X/AGl+WumWVaAJpF3LUNw3lKu2hm3U1l3feosASXX7vau6uZ8XeMpPD82j6fbx2zahrFw1vbtfTNHCu1dzbtvzM391f4qh8UePNN0a8/suzWXWteb7ul6f80i/7UjfdjX/AGmrN8cW+l6zp+n6X4o0uRtNvo2kmkjVpPsM0e1lbzI/u/eb95/s1RJveGdcvtU+3LqOn/2ZdWtw1uyrN5iyLtVvMVtq/K26uohb5a8Z8H694k8L6DNJdWeo+L9Btb6SG31Lb/p7We1dsnlt/rNreYv97ateneH/ABHpvibR49Q0m+i1Cxk/5aQN91v7rL/C3+y1IDUuJPl+VqasrblqH/j4+VPvVj2fi3SbzxE2i2d4t5qEKtJMsC+ZHD/stIvyq3+zSHcr3XxMsbeS6ZbHUp7G3uvsMmoQQq0PnbvLZfvbvlZtu7btq5J43sYtSvLOCO+1K4s9q3X9n27TLbt/dZv723+H71eU69K3hX7Z4s8L3kep6Ddalt1jw3d/MrTNN5bSQ/3ZN3zbf4q6T4C7rXw3rWn3H/IYtdavGvo2+8rNJuVv91l27WoEekaPrlnr2l2+pWM3n2dwu6OTay7vmZfut/tK1U9P8aaPqjaksF1KzaazR3i/Z5F8ll/hb5fvf7NVY/FXh3TZLOzXUrW2a+kZrePdtWRmZt23+H5m3f71cX4PbWl8SfEZrD+z2tf7emZlu/M8xmW3j+7tqgPSNF8Qaf4jsY77S7qO+s5PuzR7trf99VoNXjfw/wDGlv4P+Dfg+SVVnurqNYYYGmWFZGZmb/WN8q16ta3n2i3hkkj8iRlVmjZt3lt/d3UFFiP7zVMtV1mXd8tTL/epATK+2myKt1+7dm8uT5W2ttba1RyNTfNkVd0XltIv3VZtq7v9qgDwvRfHir8G9cmuPEF8viCFb5oZ2km8xWjZlj2tt27flX+KvVvDOqbPDOhte3ytNdWsLeZdzLumkZVb+L733q4/S/AutWHwr1bwqzWMl5dLdRxz+Y3l7ZmZtzfL/DurH8ZeHNYs9Bs42hs7nUJNFXRf7PWZvMWb5ds0Lbf+BN93btoFc6zw7rmoePtY16aDVLrStJ02+bT7eOx2q0zR7fMkZmVv4m+7XSaHb6ta2M0OsXS6hcLcSbZ1VV3Q7vl+Vfu/LXH+FfDOufDu+1SOysV17SdSm+3bVuFjmt7hlXzPvfK0bbd1Zfxk1DXF8H3kdxY3S2skPnST2K7o428z93Czbv8Avpv4vlpiPQPE3ii38JeHdQ1i8jka3s4WmZV/i/2a5+O88ZXXh9tUt7yz/tCa3+0R6W1rujX5d3lrJ97d/tf3qj174ct4w0fWI21zWII9WtZFWzvpt0MLN8y/u/4drbak0PXtYt9NtdNv/Dd5FrUMKwtIu1rKRlXb5iybvu/xbdu6gBvhXxRrGs+MPFGk3FxbfZ9NaGOFlt9sn7yPdub5v4asfDXxhqni3Q7i81GO1ikW6mt1W2VlX93Iy7vmb+Kud0Xw5b6l8RPGGoav4fllhuPsrWtzPbttZY49sm1v97+H+Kj4Z6NqVr4H1LS4JLnw9qS6lcSQyXNnu2xtJuXasn3lZaAOm8ReNJtL1rT9DsLeO51a+jkmXz22xwwr96Rtvzfe+XbVHUvH2oeD47ybxDZxLYw2vnR3dizMs0nmKvkqrfdb5lrndS0bWPCvjzR/FWpzSa9ZtYyabeXNpZ7ZLf8AeeZHI0a7vl/hbbVr4hRN8RvBN9Y6HHJeSQtHeRsy+Ws0kcit5K7v4mXd/wCO0AbF58Qb7w5aw6hr2lxQaS0ixzT21x5klnubarSLt+ZdzbWZfu1e1jxlHZ61a6TYW/8AaGqXCtN5aybVjjX/AJaM3+9XJ/ELVrHx14DvtH0n9/qmrRxwrYsrLJbtuXd5y/8ALPbtaoZtLbwb8TNP1a/bytJvNJXT/tzf6uG4jbdtkb+Hcv8A49SA7bT/ABpJcaheaTcafJba5awrcLYtMu24jZtu6OT+Jd3y/wCy1R+EfiNpvjTw/calpsMrTWrNHcafIyrNDIv8P935v4W/irm2ZfEfxa0vVrKZZdN0nTZLe4u1b92zSNu2q3+zt3Vhx6NNofh3TfHHhlftd5Da+TqmnwfdvrdWb5tv/PSP7y/7NAHrmg6yuvaTZ3yW8sC3EayLFJ95Vb7v3a1Frw/VL+3uPDvg+1luGiuJNFkuI1km8mH5YY/m3L83mbtu1V/2q9G+FOuSa98PdBvLi6+2XU1nH5km7czNt+bd/tUDR1vNJtVqau3dTmpjI2dVWq7XG9W3U24/1i7ahZWZvmoAI7j5vmX5adNLt+ZarzLtX5Vobdt20CY6S8VWVf4qPN2LVXyvmXd96nTNt20WEEkv/j1Rt935Vps1wu3dTY5fNWqAx9Ji1SKx3azNbS3XmM37hdsaru+Va5fwL/yMnjj/ALC3/tGOpPiVr2htbx6TdLPquoeYsy6Xp7bpGZfu+Zt+6v8AvVyek3niLwLfalqms6D5+l6lN9qmbTWaaax+VV+aP+JflVty/wC1QB6022o2WqOk+INP8QabHfabeRX1nJ92SBty1YkutrUANkt13VCqru21JJcfNUe5d26gCwqqq0SN83+zUbNVHUtXtdL8n7VdRQNNIscfmtt8xm/hWgCjrHjfSdBupre6a5lkhj86b7NbtMsK/wB6Tb937talreLf2sNxA26GaNZI2/vKy15v4qsNWt/EGpa54SvoG1COFV1LRr5d0NwqruVlb70bba0vCPxO0XVLfS7Nd2mXl1axzQ2k67dysv3Y2+7Jt/2aoDvt3y01mWqq3W5vlqOa9hihkmuJI4IY13SSSNtVV/vM1Moo+Itcj0OxW4ljaeSSaO3hjVtvmSM21V3fw1zt54++wR3Ed5pMttqH2iO1t7Tzlb7RJIu5drf3fvf9807xNq3hnxb4PmbUWkl0O4uFt/tLK0O1t3yyK38PzfxV5m0WsabrljI+pSeKvD/h2+jm/tCOPzJlhkjZWVmX/WNH8v3f4WpgetabqWpS6stne6XFbK0LTR3MFw0isysq7fmVfm+aqt9rl9F40h0VIbX7LJYteedtZpNysq7fvbf4qsR+Mre/t2bRof7aZV+XyG2x7v4V3NXC3VxD438aaLdXui3K28djcW9wrRtJHHMsy/L5i/K33WoGdR4L1q+161vpr/yPMhvJrVfIjZV2xyMu75mb+7XR/wANeZaLf3ngvwnrUkWlz2ca6lNJD5lvI0cdvI27zGVfm2rXolncfaLWGRpI5WaNW8yP7rf7S0DHTL8tVVb/AL5q1JVG4b5vloGOk27qrtTlbcv+1TWpgR0UUUAfSG73qFrj5ttQyMyrVdpfmWsgLnm+tRtVWRvmpvnttoEy01Q7v7tcvqHxO8L6XqE1jeeJtKs7yFvLkgnulVo2/utTofiJ4Xuo90XibRW/3dQh/wDiqlknRNuX7rNUMjMzbmbc1Zf/AAlGj3Ef7vWtNl/3byNv/ZqkXUbWX5UuoJf92ZWpAXGijabzGjjaRf8Alpt+b/vqs2+0mO41az1JJPIvLdWh8xV/1kLbWaNv+BKrf7LLVxWaX7nzf7tRyLJKv+ragCGbQ9LutQXUJdNs575fu3MlurSL/wAC27qx9W8A2eralcTTybrG8uLe8urRl3eZNCu1W3fwr8se7/d/2q3I2k3NuVv++am3N975qAM1fBHh/wDseTSf7Fs10uZvMksVj2ws3+7VfVPC8l5Db6fF9lXRbdreaO22t5yyQyblVW3bdvyr/DuWtqSX5lqRbhd22gDidS+Hc2rWOqW90tnPJrUnnX1y27zLeRdqx+T8v/LNV+Vm2/N83+zXTeF/C+m+D7Ga10uOeK3mmaZlnuJJt0jfeb5m+81aTNTVb5d1AF7/AJZ/NTViXb/s1XW6+X71VbXxBp91qk2lwX1tLqUO3zLRZF85dy7l+X71AGtGu1aPv1X8xt21qasrLQBMzLtqrq100Wk3jRQy3M3kttggXczNt/hWrHzbd1NX73zUCZ4LffD77P8AAvS7NPDN5/wki/ZY5o47dvMVlmVpGb+HbtVv96vRPGDXUviDQWivtVtrHVJpLORlb/Rl3QybY2h+9uZvm3fw7a7jd81Z7aDYrqn9oeSzXm7duaRmVW27dyru2q235d22gk4f4X6pH4P8F6X4Z1S1vLbXNJja1a2W1kb7RtZtskLKu1lb5f4q9IjVmhjZ42jkZdzRbt21v7tOjuG27d3y/wB2pFbctAEO75qN1EnytUfm7aCkcn8VPD+n6z4T1LULiHbqWl2c11Y6hA3l3NvJHGzLtkX5tvy/drJ0Hwl4m1LQdNum+ImtLJcWsMzK1rayfMyqzf8ALOum+IEqr8P/ABR/2C7r/wBEtVjwv+68M6Ou75vsNv8A+i1oGYK+FfGkS7YviFK23/npotv/AOy1h6xa+MG8WaL4d1HxhJLp+qQ3U00mm2MdrMqwqvy+Z823d5n8NepRy1xfiDb/AMLW8Hru/wCXHUv+Bf6mgk6Dwz4V0fwrY/Y9JsY7OFvmZl+9I396RvvM3+01bS/L93ctQx/+PVIrUAO2/wC026uL174dtJqkmueGbr+wfEX8Ukce60vP9m4j+63+996u03/NXH+KpWX4gfD9VZvmvL7d/wCArUdbAc74bXXvi5o63mr3keh6PJJJC2m6NIytcNHI0beZM3zKu5W+Vf4f4q9I0Hw/pvhnT47PTbGCxtY/uxwLtWuP+Cbf8W709m+80103/kxJXfbvek97AZsnhfR2vlvl0mzW8VtyzrbqrK397dVfVPB+i69fLfXul2098q7fPZfmZf7rN/EtbVG3+9QBwfjq6sWkt9DurG8+yyNDcTTwWMki7Y5FaONWVdu7cv8AwFf96tzT/Bej6aupfY7WS2/tBma68u4k/fM38X3vvf7VdArbd3zU1vu/dpgcTqHg2PS/D6+H9I021udJkjkt5LbULhmWFWX+H7275t3y1vaHYf2XptnZtI0/2eGOHzG+821du6tRYlb5v4qGiVd1BQ1m27dtSKzNUMKruqegBkm55Fokl2fLQys33Wo8r5vmoEyNmXyd38S1HDtuG8x1VmX5d22pvK+Xn7tR7WX7lAiZW2ttqRlW4hkhljWWGRdrRyLuVqrxqytuap6YD2+Va5+zsNQi8aapfPJu0mazt44Y933ZFaTzPl/4EtTeMPEa+FfCura00fn/AGG1km8r+8y/d/8AHq5nT9D1zVPDMd9/wkl9ba9dWqzLLHIv2aNmXcq+Xt27f4f71AHoCtu+Wo22rWfua6ha1+0LBeNH83kSL5kf+1tryXS/iJqEvwfvtal8SRN4ght7iZVbyd26NmVV8v8A2lVaQHtS/wCzuoP8NZPhe6uLrQ9PkvJvPuJIY5Gk27fmZd38NajfNQAN8zM235m+81Q3FqtxG0bLuVv4W+7U22hvl+agCnHFDbx+WsccS/3VXatSWMUNmrLBHHAu7d+7XbTdu5vmohXazUAOuNG0+8+zrPZ20q2/zQq0Kt5f+7/dqSzsLfTbdYbO3itrdfuxwLtVf+A1IrUNLtpgSK21fmpytuWq7M1SRsu2mO46RVao2WhmWo922gLgyqtQ05n3VG3yrupbCPL9F8UeV408XabqviLyrezuo4bWO7kWNlVo1b5f+BVN8LfEF1rPhNtQ1bVPtjNdTRrPOyqu1ZGVdv8A47U2g+H9QsPHHijUr3S4ntdQmjmt285ZG+WPbtb+7urF8L+FbjSfB91pes2NjbTNdXElut3IskMnmMzL93+7upga2ueJrrUvHUfhnTbprOOGz+2XlzGqtI25tqqu6rTaHrkrX1v/AG9P/Z81uqwz+XGtzbybvm+ZV+auN8M+GdUsG0XxNpNitzMun/2bfafJcbWkjjk/dyRyN8rfd/i/havQtLvNQv5GkuLH+z7fbtWORlaRm/vNt+WmBX8O+D9L8Kwsthb7ZpP9ZcyNukkb+8zVrNupzd6ZzQBxmtfD6GW+m1bw/dN4c1qT/WSwLutrj/rtD91v9771Yc3xLbwzcR2vjKzbQ7hv9XfQK01ldf8AXNl+ZW/2Wr0qT5Wrg/iMu7UPB/8A2Gl+b/tjJQBV/wCFyeD2b/kNL/wG3m/+Jok+NPg/btXVGb/dtZv/AImu0WJW+bav/fNN27W+VVWmgODb4qx+IJGsfCVrLq+oLt8yS5jaGG33f3t21t3+zVzRfAP2fVI9W1y4bWtYX/l5k/1cf+zHH/CtO0VVX4neJm27d1nYt93/AGZK7T5aLgc3q3g3R9ZvJLq4s1a4kXbJIsjKzL/dbb95adqXhnSdW0ldLvdPgubONdscDLt8vb93b/Erf7tdAqrUcirTWoHmd5P4g+GOm3F0kjeI/Dtuu5oLmby721j/ANmT/lov+981WrHwvqXjS4j1DxR+6s1bdDokDfuV/wBqT/no3/jtU/iVfzO3izT/ADmazXQVuFg/hVt0m5v/AB1a9C0lt1jbt/0zX/0GmNFpbWH7P5Pkx+X/AM82X5abHbx267YI44F/6Zqq1LzSNQMy9aW+/s24/s1YP7QZdsfnsyqv+18tVfDtheafpMMN+ttFMv8AyztGZlVf95vvVtVG3zUxmXrFrdXlm0NrdLZs3yszR+ZuX+JabZ2cdhaw28S7Y4Y1jX/dWtCSqrUDI271RuF+bdVyRqrzUDK6/L96mttp0lQt3pgPoqHctFAH0SyqzVHJbrTmaq/n/NWQA1v/ALVRyW/y/LUk0vy1Gsvy/LQJlO40u1ulbz7WCfd97zI1bdWTdeDdDuF2voumt/vWcf8A8TW4zU3ctSyTlZPhj4Pl+/4V0dm/2rGP/wCJqnJ8HfBcv3vC+lI3/TO3Vf8A0GuzpFakBwcnwW8Fyt83h+BW/vRySR/+gtULfBXwqrfurO7g/wCuepXC/wDtSvQGam7vegDg1+EOkqzeRfa9bfw/uNYuP/iqk/4VVGv+q8UeLIv93WpG/wDQlruF7U+gDhG+G94u7yvG3ipf96+jb/0KOiPwDrSsqxePNci/2pIbWT/2nXd0q0AcT/wh/iyJV2/ES+b/AK6aXat/7LTV8P8AjiJfk8bQS/8AXfQ4/wD2Vq7jcvpQ1AHBtpPxC8xdnirQ2/66aK3/ALLJXzH8fLPWNW+J0cKNbar4it7eOORvDtnMrbvvKrfMzblX+Ja+1vK3NUyxRruZY41kb7zKu1m/3qAPm/4Q/wDC9LVrdb2NZdJXbuj8TSL5m3/Z2/vP++q+kloXatSLt3UAJUVWPu1B/DSATd71JuXbUf8AFUvNAthtIu7d8tO2/wB2jbtZaA3I5vlqGRvlq5NtdaxfEGqQ6Do95qEsM9zHbx7vJtI/Mkk/uqq0Bsc/8VtWtdP+HfiD7RdRQSXGn3ENuskm1ppPJb5V/vNXRaLu/sfTdvzL9lh2/wDfK14/qVrqGrax5d/a22q+MtSt2jh0+T95ZaHZt8rNJ/tN/wB9M3yr8tdRpfwM8I2en29u+m+bcRxrHJcxzSQtIyr97arfLTEeiTStbxsyx7m2/KrNt3N/vVyvhnx1pvjSPULizs2XVtHmmtbixkaPzoW/uq33drbfvfdqx4Z8A6L4SuJriwW5i8xdsjXN5NIqr977sjMq15q2k3Fro6+OPDO251SxuL5b60gbd/aFm1xIzRtt/iX7y0AeveH/ABBH4g0e11CK3lto7iNZFjn27trfd+7Wl5rbflrz/wAP+HJvEHgHwv5GtanorLp8LeZpsiq0m6NfvblarDfD7XF/49/H2vK3/TRbeT/2nQOx3H2hl/vVx/ia43fETwG3zfu5NQb/AMgqtVZvBvjBf9R8QJ/+2+l27VC3hnx4q/J4y0+Vt3/LfRV/9lkpdRF74Ly/8Wz0Nm+8yzN/5GkrvI7j5fmrzH4Y3knhxV8D6usdtrGnxtJayL/q9Qt9zN50f+7u2sv8Nehb/lqvMaL3n1MzfLWfv3VMrfu9tIZIz7dzVG1x8vy1HI1RrQBMtxUkkvy1VaofN2/xUAXI5V3f7VWN1ZKt826rXm7vu0AWlahmqmz7ax/EWpa9a28LaHptnqczM3mLd3X2fav95W2tQJnRNLTWlVa4H/hJvHi/63wTZy7vutHrS/8AxuhvGHiyJv3vw/ufl/ig1SFv/iaBHoH2jctDT/3a89b4ia5b/NL8P9aX/rncW7f+zVH/AMLQvNzb/BPiVf8Adhjb/wBBago7LxBpNv4j0fUNLvNzWt9C1vJt+9tZf4a5nQbfxZoejw6PPZ2d41vGtvDqy3G1WjX5VZodu7dt/h3baozfFiNY/wB54Z8TRMv97Td3/oLUL8ZNFVVafTfEEH+9pM23/wBBoEyPUJdDl8eaf9imtV1yxkkkumjkWOa4kkj2+T/tL/E393atYtj4D1K3+DeoeH7rRYpdaa3uIY/mjb5pGZlbzP8AZ3VrL8WPCf2hbiW3uoLjd/r20eZW/wC+ttXP+FzeDfutrDRN/wBNLWZf/ZaBGX4q0u8k8I6PdSxx/wDEnt1kutGuW2tNtVVby2VvvfK23+9XqFvcfKu3cvy/xV5vJ8Svh7f30N1PrGmS3UPyxyTx/NH/ALu5a2o/il4P27l8TaY3/bwtAHaebuoX7tcvD8RvCtwq+X4k0rd/d+1LVyPxhoMq/utc0xv928j/APiqANravrSVmR+I9LuPuapYt/29R/8AxVSLqlu33biJv92RaANDdRu3feqrHcK33W3U5pdq/NTAsbqastYOk+N9H17UtQ02yvo5dQ0+Robq0b5ZI2/vbf7v+1Wp56/8CouBaZv71N3fLUPm7qjkuNtFwJ6ZM1RtcLULXCt8tAEjNVW8s7e8t2huLeKeP722Rdy06S4qPzaABVWJVVF2qv3V/u01vvU2S4/u1Xa4+ai4Ejd6h3U2S4Xb96q/2j+9TAmkrhfiU3+leE/m/wCY1D/6LkrsGl/u15L8QPHUN9cWslhp9zqGm6LqVvNdX0DLt3bmVo1VvvfeWmB6lC3y/NR5v7xVX5q4OP4oW6/L/wAI34lb/uH/AP2VXLXWYfGWl3yy6bqemRqu3bdxtCzfL95WVqANaz0OS38Xahq3mRtDeW8MKx7fmVo93/xVbm6vDdH8UahZ+GZvD/iOZpbqbTWvNL1Lc264Xy2by2b/AJ6Rt/47XfXHiO40GzsYbDw/qGswtCrbrSSPav8Ast5jUAdtuWmVw3/Cfa433fAer/8AbS6t1/8AZqb/AMJp4ol3bPAs6/8AXTUoVqoj3Mf4gRebrnipfl3N4ZZv++Wkr0DQZfN0mzk/vQq3/jtef69ceLtesb6NfBdrBcXVrJZ/aZNUXcqsrf7PzferpPh/4gh1nQ441WSC8s1W3vLST5ZIZFX5lb/2Vv4qoNjrmao2aoZLioZJGakMsM3zVHu/u1H53y0NLtXdTKQ2Rqrs+6nSS7qr7qBgzfNVWZqkkZqptQA6RqryNUlV270wG7qKbuooA+im+WNqqrVqRPlqOO32/wC9WQFeRm/iqPdtWrTKrVCy0hMqyXGxqjkl+arEkSt96o2gWkSV/tTelEjN/DUjW61H9n9qQEbXDL/vUfavloa3X+9UP2dt1AFyNvlpq3TbmVqaqsqr81DRbvmoAkaX5aI7iofIaj7O275aAJGl21ItxuX+7Uf2dqFiagCZbjczVIstVVVk3fLUjf7NAFrzd3yrTo5dtVf4d1SL96gC00tNZqh+ZWprM1JgTbvehWX+9VVWbc1Ef3jSAsbttO+1VDNLtjqHzdy/doJZg+IvGFxF4o03wzpflLqF5DJeTXM8e5be3X5d23+Jmb5Vqvp/iq8sPGDeG9WkguZprVryxu4I/L85VbbJHIv8LL975fvLVPxBo15a+OtJ8UWFrJqCx2cmm3ltB/rFjZvMWSP+9tb7y02z0a48QePI/E09nLp9rp9i1jZx3K7ZpmkbdJIy/wAK7flVaaEdJofhzT9Dm1Cazh8qS+uGuLiVm3NIzf7Tfwr/AAr/AA1rMqqtRr8tNkZmpjJFnWiOWNWbYqq3+yu2q+1d26pF+98tA0TR7VVVTaqr/Cq05Wqv/FQv+sFAy18rUL96od3zf7NSK1AmYfirwfb+Kre33TSWOoWc32iz1CD/AF1rJ/eX/Zb7rL/FWpqGqWel2rXF/cRWduvytPOyqu6nSS7a851C4kv/AI5WNneRs1rZ6K15ZrIvy+d521pF/wBpV/75p7iPRtL1zTdZjZrC+tr5V+Zvs0yybf8Aep1jqlnftJ9jvLa5aP8A1iwTLJt/3tteW/GC3jsLezurVWtrjWNQsdL1KeNtrSW7SM3zf+g7v7rVN8Umj8K6Po+uaRbx2d9p+qWtvH5Ee3zIZG8toW2/eVl/h/2aGO56tJKu3zGZVX+8zbaaqtu+VWry/wAP+X4y+IXjL+2beO8h0eaGxsbadd0catHuZtv95v71c7rV01hovxU8OpNK1jo9ut5p7eY2618yHzPLVvvKqsvy/wB3dQFz3BlZmb5W+X71N2q33q8T17WbdvDPgm3t49TsbhtQsYWkaGa3WSNv9YvmfxbvvV7NCyqqqrfKvyrQO5Y8paFi20ebTfNVqQEny/xU3YtH3qdu/hoAasPzfLTpFo+7RJQBG0Xy/LTVi/vVJu+bbQzUAQyRNu+9RGrRfdapF201moEw+bd96myRK33ljb/eWjdu+WnKq0CK8lhbsu1reJv+2a1C2g6bL9/TbVv96Fa0eaOaAMS48G+H7j/W6Hpsv+9ax/8AxNVZvh34VlXa3hvSt3/XnH/8TXS80c0AcVJ8J/B7f8yvpv8AwGGq83wd8Gsv/Iu2a/7u5f8A0Fq7zbTV+9QB5/8A8KW8G7vl0VV/3biRf/Zqb/wpvwusfyWM8X+7eTL/AOzV3zbd1NVKAPG/Cf7P8Og+PrrxJdahPL5dw0ljBHIzbV/6aM3zN/u161tZatfxUNtoAq72qT7y/NUny0baAKbbmao2Zlq421vu1Gy/LQBVVvmprN/eqZl201ttAFWR/wC7UMibquMq1DIu5qAKLJtqNmq5Itec6PqU3jTXte33VzZ6fpt41jDBbTeWzMq/vGZl/wBqmgNDx1b6lf6T9ns7qLT7GTd9uu2bbJDD/Ft/3q5Pwz4fXxVNayfZfsfhWx2/YbRl/wCPpl/5bSf7P93/AL6rpPA+vXV1q3iLw/qM32y40m4WNbll+aaGRdy7v4d38NdgsSxKqoqqq/wqu2qAryKyqtV7zzPssmxVaRl+Xd92tBkprKrLQBwOofDtfEHgWPQdWaPzIVXybm23bo5F+7Iu7+KuqsbVrW1hjb5mjjVWatT/AMeqNm+agCOHcrUNFU1Dd6Boq+V81cr4o8OXX2z+3tDWOLXIV2tG3yx30P8Azzk/2v7rfw12X3Vpsm2mhnO+G/Edn4m0/wC0WvmKyt5c0E67ZLeRfvRyL/erW2s33aw77wvt8SQ61YXH2G4b93fR7d0d1H/Du/uyL/C1c74Vt28faHNrF7eXSzXUk0dusFw0a26qzKu1Vb/ZqwPQNrfL/wB81HcXC29uzSssUa/eZvlVa898P2cfijXNch1tVvo9NuF0+NWZtq7Y13Mv+0zN96udt/EF9qX/AAj+h3k0lzarrV1YzSStu+0Lbq3l7v73/wBjQM9Qk17TVsZL7+0LZrGP71ysitGv+81V7zWbO1ht5nuF8m4ZVhaNWkWTd937v+zXI61F/ZfjhYbONYrfUNFuPtUa/KrNG22Ntv8Ae+ZlrmdFluPCU2g6HK0s+k3k0Nxpcn3vL3Lukt2b/Z3bl/2aB3PXvl21HItee+H/ABBdXHjb7P8AbnvLO4t7iRVaT5WaObb8q/w/K23/AIDXfSN8q0ANkqu3zVJI1Qs22mMbtopvm0UAfQn2rd/DTftHzVDIrU1d22shErXH3qi835ajbdULbl+9UsRNJKu35ahjuGaT5vu01m+Wofm3bqQi01wv96q8kvzfLVfd96hvloAtM26hl21VjZt26rC7moAJG2U5WVqrzfd201W2rQBc3fNUit8tZvmVJHKyt975aAL29aGZaqs26hpWbbQBcX7tDbaotcSbvl+7Ui3TUAXFpy1T+1U6O8+X/aoAuKtJUS3Xy0n2pv7tJgT+UtGxaatxUitupANkVWpvlLUjNVeS4b+GnYB32dd1DRULdK33qPOFArAsW2mstO+0LQ0q0wsQsvy/LRHFtpzSr/eoWVaA2HKtN8pt26nLL81G73oC4ylVvmpytTvu0CIZlZmrD8SeErPxN9jkuGntryzk8y1vrSTy5oW/i2t/db+Jfu10W5Wajav3qAOXuPAen3+k3ljqbT6qt4qrNPcyfvPl+Zdu37u1vm+X+Kof+EI+1XGmyalqV1q66fJ5lvHcrGv7z+GRtqruZf7zV13y02i4HL3Hg+S11641rSL5dPvLqNY7yKSHzobjb91mXcu2Rfu7t33ay7z4c/bPDevaet9tvtc3fbtQnh3NJuXb8qqy7dq/Ktd4vahVXdS3A4HXvBGrato/h+xS+s1m0m6t7rdJC22byV2qv3vlrtI1ZVVTVplo2/L81MaIW3KrU2Hd/FU3y07ZQMcrU2Rt1PpmygAVttSM3y1HsoZfloAjaXa22mq3y0NFQq0ASbqjaWmtu+7Ttvy/NQJjV+VqkWVqj2U5V+WgQNdbqPtW2oWXa1DJQBJ9oapI7j5f9mqvzLTlRmWgCw1xuqNpWqFlbdTWagCbzfl+aj7R92q25qSRfl+WgCw1x8396jzvlqqu5WqRWbbtoAd5u1qk+0fdqq33qGZqAJpJdv3ajaX5ajkaoZG+agCwsq/3qjZtvzVXXduouN1MCRrhfLqv51RUxqLASNLtauH/AOEf1Dwzr2rahpENtfWeqSLcSWkk3ktDNt2syttbcrV2VV5vlb5aYHO+D/Dk2k3WqaletHLqmqTedN5X3Y1Vdqqv+6tdIzVCrNRJLuWmBNuprMu2q6zfw02ZmoAkWX5qJJVquzULu/ioAsLcfNTftHzVCq/Lupuxv7tA0WGn/u1Xml3SLRTWVqpIZHNLt+bburi9F0HWvCv2jT9Laxl0eSZpLfz2bzrXc25o9v3W+9/s12kitLTVt2X71UBy/wDwit9puqXV9pOoRwSXir9ojuY2kXzFXasi7W+9t+9Tl8C2K6Db6erOslvN9qjvFb95HNu3eZ/483/fVdVJFupvlbaAOdt/C6+dcXV1dS3l5ND9n8/asbLH/dVV+7TY/D9qun29nLG1zDasrQtO25lZfuturomX5artFQM5mx8L6Xpd811b6fBFdMzM06x/Nub73zVrN92rUkS/equy0DK8i1Xbd/FV5ttQyLQMqbaKmopge/8A8NNZqYxNRuTurITFZqazVBMf3lMzUskLhttCyrt3f3qqTn5qSCkBYbbQzLtqF/8AXUMTu60AOVlpysu75aqMT83NEbHf1oAtttZqPKXbtWoWP3amioAatuv8VO+zqq02cn1qRqAHLF8tH2f/AGqVakWgCBrVlp/2Vv71T5pq0ARrFt+9/DRHb/vGapM/LSj/AFdADFiapPKqRfuilpCuVmibzKsR/d+alpx+7QFxG+aq8it93bVmimMqRx7acyVZooApKrbqa25WZavR1FJQBWaJv4aNu1qs/wDLOmtQJlRn2tuqxD833agapoP9TQIkpPuU5aHoArtK3mfLVhZflqrP9+rCfdoAczVH51OWq8dICZZWp32jbTGqFifl5oAna4+aj7QrLVdvu02mBY82pFlqt/DT80DuSSXFSRy/L81Z8n+sp6/doGX93vRu96av3ahk+7QBJI1N835qZn5aib71Arljcu6nNVPNSoT5NAbkqtupzMu2qSsd3WpKBE7fNRtqFSaI6AJGVf4qF2rRJUTUASyVHuVfvVGn36KAHfxfLTWZVoqOb71ADt26jdVfNTLQA5qN1N/hqOSgAkqFl3NUzVC1MAb7y0fK1Rt92hPu1SQEbVG1OkqFf9ZQA5l+WoZF31M1Q/xUAQsu2odtTN3qP/lnQA1du6nMqtUf8VSJ92gBu2msu75aJKhioAm+7R96opKWHvTQ0SMvzVG1Ob71RyfdFUMd/DTP4qSj/ltQA5mqNmoaoW70AtRsku2q8kq0TVXkpooJGqFpaG71C33qBgzU1m+WmtTWoAPMopKKYH//2Q==)

**Комбинации ингибиторов β-лактамаз и производных пенициллина в качестве пролекарств**

С целью повышения фармакокинетических свойств активных производных пенициллина и цефалоспоринов его включают в лечение в комбинации с ингибиторами β-лактамаз. В частности, чаще применяют амоксациллин (Аугментин) с клавулановой кислотой. Сульбактам, тазобактам, BRL-42715 и SCH-29482 проявляют слабую антибактериальную активность. Однако против β-лактамаз типа II-V он особенно сочетается с ингибиторами β-лактамаз, кодируемыми как R-плазмида. С другой стороны, мономолекулярные пролекарства были получены методом активного эфира. К этой группе относится сультамициллин.

**Сультамициллин:**[2S-[2a(2R\*,5S\*),5a,6b(S\*)]]-6-[(аминофенилацетил)амино]амино]-3,3-диметил-7-оксо-4-тиа-1- [[(3,3-диметил-7-оксо-4-тиа-1-азабицикло[3.2.0]гепт-2-ил)карбонил]окси]метиловый эфир азабицикло[3.2.0]гептан-2-карбоновой кислоты S ,S-диоксид

При синтезе сультамициллина соль ампициллина получают с гидроксидом тетрабутиламмония. Аминогруппа защищена метилацетоацетатом. Затем готовят хлорметиловый эфир по карбоксильной группе ампициллина с йодхлорметаном. Полученное соединение подвергают взаимодействию с тетрабутиламмониевой солью сульбактама и получают диэфир сульбактама и ампициллина. Реакцией аминогруппы с п-толуолсульфокислотой защитную группу удаляют и одновременно получают тозилатную соль.



Сультамициллин представляет собой пролекарство, в котором ампициллин образует сложный диэфир по карбоксильным группам во втором положении с сульбактамом. Сначала в лечение включали лекарственную форму, полученную молярной смесью ампициллин/сульбактам (1:1). Эффект in vivo в этой структуре не всегда желаемого размера. Потому что наличие важных различий в кинетике абсорбции и элиминации обеих молекул свидетельствует о значительных рисках. Амфотерная природа ампициллина, особенно при пероральном применении, изменяется в зависимости от рН желудочно-кишечного тракта. В то же время, кроме различий в активности обоих препаратов, существуют и различия в периоде полувыведения. Для устранения этого фармакокинетического несоответствия сульбактам, Считалось, что его наносят на организм в виде комбинированного пролекарства с антибактериальным ампициллином в форме сложного диэфира, и таким образом был получен сультамицил, который заменил физические смешанные препараты ампициллин-сульбактам. Сультамициллин применяют внутрь в виде тозилатной соли. При приеме внутрь хорошо всасывается из желудочно-кишечного тракта. Биоабсорбция составляет 90%. Он быстро гидролизуется эстеразами крови и действует в форме ампициллина и сульбактама.

**Аллергия на пенициллин и механизм формирования.**

Поскольку транспептидаза не синтезируется в эукариотических клетках, β-лактамные антибиотики не оказывают на эти клетки фармакодинамического действия, поэтому эти препараты малотоксичны. Однако они вызывают аллергические реакции, реагируя с веществами пептидной структуры в организме.

В первые периоды внедрения в клинику пенициллина и его биосинтетических производных при парентеральном применении наблюдалась реактивность, развивающаяся вплоть до анафилактического шока. Комплекс β-лактам-пептид, образованный соединением пенициллоевой кислоты, образованной из β-лактамной структуры, со свободной аминогруппой пептидов, вызывает аллергические реакции в организме как аллерген. При этом наиболее реакционноспособной является пенициллиновая кислота, являющаяся одним из продуктов распада пенициллина, и она связывается с биополимерами быстрее, чем пенициллиновая кислота, а образующийся комплекс более стабилен. Основными аллергенными продуктами в комплексах конъюгации, представленных на схеме, являются:

1) Продукт конъюгации, образующийся при ацилировании аминогруппы белков крови пенициллоевой кислотой

2) Продукт конъюгации, образующийся в результате аминолиза β-лактамного кольца непосредственно с аминогруппой белка

3) Продукт конъюгации, образующийся при повторном замыкании тиазолидинового кольца после соединения пенициллиновой кислоты с аминогруппой белка.

![Diagram

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4TAIRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjQzOjAyAAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAMwMAAAkpIAAgAAAAMwMAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NTo1NgAyMDIzOjAyOjI2IDIzOjU1OjU2AAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAHlsAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgA2wEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A7NExwEA+gp5DZ6VmbibCTnj60uw55NAD9vy4zSbPegBy7VHWk3RhsE8noPWgBwIx0rOk1ZUto51gLRyoXTnkjGeR2oA0Y5BIMpzg4PFTqpxkigBNhJOKXyyOpoAXZkcmk8sHnPSgB+VxijKigYo25FIxVW5oAQsp7UvBXIFADSR1xTGIJ6YoAaeB0phwRkigCEsvpUbFfSgZCUV81A0fJ5oAjPAxVdye4oA6ABgMmm7+5dRnpzQSBmiwAZUB/wB4fSiN4ZASkqsB3B9Rn+RFAEbX9rHyWbAUuDtOCB1wehqYzQAkGVQfTPNADTcxbhGis7t0G0gfn0pslmWniuCwWRAR8q9eDx196AGSTSeb5MqYjADPInoegx1HSpfNtEIX90Cx4AA7/wD66AJrdo3iV4RlH+YEDr71YGdvvQAANj0pdhI5NAAq8daVVABGaAGlEweaVVUCgB3y54HNKdueV5oAOP7uKU/dzjrQMjZiB92mFm/u0ANJPXFMzlsYxQBG5GPu1CzKeq0ARHBPAxUDKp70DImXAODVZ8g9KAN+SJ5IXj3Y3KVz9aopo4WOSMzMUkj8tsjnvyPQ8/oKCSX+zIml8x3JfcHBHHPH6cDin2+n29tGUX5gSD8wHUKF/kBQA2C1s5oyrLuA3ADc2NpJ6fhVuV44YHlbJVAWOPagCkdRt5buMhXyC0a5HDHcAcflV43UY4CyH6RN/hQIhSbN2xaN496KFLjGSCc/zFL9iV9wJbaX8zbxjP5e1AyS0tPsilUY7NoAB7YqztY4INADgjYwWpxQnvQACLNOWMAnFADvKGOlAjGKADAXtSbh6UAG4+lIXbptoGNy2OlNO7b05oAYxf0qNtwFAETO2OlRFuMlaAImYY6VXfZQMhbaRwagYc0AdF5Z9aXyye9BIGPmqkkpkk8mLIO/ZuPTIGT+hoAdIv2CCMISyAqmG6DJABz6DNRRXhupxbtb/u2JVj2xg/zx+RoA0ktYUyViQEnceO+c5/OpNoPYUADwrIpVgCDWWNPvpIkDTlZPLKyHzDgycYcfTnjjr7UCHNo8znLXIBAIJA+8fm5PvzWiiC3t41JzsUKTj0oGSxlXAZSCPUVJigBOnSnAd6AF68Uu3jFABtpCooAaRSYagYhDdKXFADGAzUTrmgCBkNRFcUARMKrOgPagCuygGq7ggkigDqO1GcCgQAE9aRYEDlwihj1bHJoAk2ijac0ALg+tC4bkHODjigCT2peMUCDIo7c0DGfZ03F0Jjc9Svf6jvSCd4ziVQV/vpz+Y7frQIlSRHQMjAg9CDTJZ/LCqAC7ttUe+M/yBoAiW5dZDuKOocRvtUqVJxj6jkfnTrjUoLaZYn3byAQAOuTigYxtVhFytvhtxxg44b6Hviqs+oyC52p5rKz7AEXkcAnqPegCOTVrdY0c3NztcEg7AOAMnt7j86WO+jmmEIluN7EheQOig8/nQBoQtK9rExOWKAk/hTyXAxjmgY35qjIf1oAjYHGe4qud3fNAETscdKhdqAIHORmqz4oA6XcM04EGgQuazSupK7mOQNu37VYD5Tzt5z9PyoADFqjhgWQAuD1xx8uen0b86QWN+bfyjOmM5IOT/FnuPTigRMbG7eCBPtjIY1IcoD8/BHr+NT2tq9s0hMrSF2JJbtyTj9cUAWcPntTtpKjPNAxQnU+tLtz1NAhdgxjPSlCLQBEbeIsXQlHPVl7/AF9ainDjYXX5kbcsijI6Ecjr0NABbR+aTI3lhWffiNiwYjA64HoOParEtpBM5eSPccBep6Zz/OgY2K1jhTAQMd27JA6+tNe0LXBlU4J5zsU44A4JHtQAgtMcAkcAcKo6fhS/ZmxjzJB9CP8ACgCVEMcKxr0UADPpQ2/HSgCM+Z6Uw7upFAyFy2Md6iZiB0zQBExypJFVmIPUUAQORg1WZB2NAHUbU7ilBTtQIXIz0460BhngUAKWI6ClLEAseABk0CINOvP7QsorlIygcfdbqOcVa2vQA0o5p6xnHJoAXyyO9GzJ60ASBeKTZzQA7yxS7B6UAMNtHvLrmNz1Ze/19aBI8YxKu4f30H9Ov86QEqsjqHRlZSOCDkGlyKYxCy0mVoAaWUU0uuM560ARtIoqMlcZPegCEupFRMQKBkDsPWoXoAruoNVXXnigDqwoAo2r6CgkfhR6UfKKAF469qNwxwc0AR2jD7JD/uD+VTBhzQMN4pc8dKBBuyOlJhj2oAf827pxQA2eelAC4bP40oU+tAClMjGaTy+PvUARtbISWVijnqy9/qO9MDtGMTLkD+NBx+XUfrQMkXynG5GDAjqDmnBUwT6UAMynQ0z936UAMYJioHKcc0ARkpzxTGCGgCB0XHXGagZQARuoGQOp7Gq8u4HigDqCMdWoC+9BJJtGOtG1e5oAPlbinfKBQBFbBfskWB/AP5VKHX0oAcHHZaXceOKAH/w5xzSZbHSgAw9Kd+3rQA4AkDJ570oXnJNAAVHrRgAEZ60AAC0MFFAEDW0e4vG5jY9x0P1FVbjU0sZoY7iGQrKcGaNCyL/vHtSAvYjIPHSmEJzxgUxjGKelRsibc4xQBAfL6GozsPTigCGQIR9KrMq9jz9aAIJASuAelV2VvrQM6coAMknIpRt24NBI4bB3pcrmgAyqtjFPGD27UAJuVeAOfQUNIERnYBVUEknsKAK7alFG6o0ciuwBAYAZyQPX3q2rlhwPxoAcA5GOlDOIU3OePpkn6DvQA2OdZmITcCP4XQqfrgipMEnk0gFxxwwzVVLgs/yRueTjLLz+Gc0wJS8pb/Uj8XpvnMQrFF2kgZV89fwoAsYShtuc0AVpL60R3RpQGThhg9eOB6nkcD1FRf2hZqxJZgRwfkbg84B44Jx0/wARQA3+2LEIXDkqEL5CnGAAT+hFSy3kEajJyWYKFHJJPQUDKjanb/aFgKOshbbhhjB27v5A1MbiFlx5if8AfQoAgkuYE4JDMeAq8k/QVSf7QL1ZBE5h2/Mm4ZB59+f880AOe5hZVKZZm4C4wfx9MVkS2FwqQ+W43IAJDvPz4K5P4gH86ALMY8yIMQVJ6imMpAPNAHRXNxBax+bO21M4JwT/ACqM3ttuATc+44GFOCfTPSgRENXsiMrvPzKvTGMkAHntk/oatQ3dvLEsoIUHpuIzQA/7VbAndJHx/tUC8jYlYf3reinge5PYUAR+RMt29yCpLIF2HOM8fl3/AEoNwLmU2rp5XH7wP/ED2HrQBKbWDeMpkhcAs5OADnufap7eERRKi/dGSD9TmgB6q/eoZy0c0Uj/AHAGBPYE4wT+R/OgCCzRi0YBB2FiSGLAZPABPWmS6fdC+e7jlzzuWP1+Tb7d/ekA+30to5mmaVh5mS6KSMMTnIPbsPwqr/ZQLM7wTlwQFYEcYYnu3OQcUwHLpLl0kK3ORt4JTBwCOfmPrn61Pa6W1sQFDEHywxdx0X6DrQBrbBjgUzy6AKEmjW8lxJMfM8x2DEgjgjGPyKg059LhdyzlmLEFiT94joT7j+g9KAGHRrI7swjD53AE85AB/QCpbuCD7MxZEBGCpJ2/N25+tAES2NnJItwqB3Dbg+8nkAr6+mRTpUt4l3OsajIGSB1PSgZRSS1kvlkieHbsKNtIzkkY/kfyqw4XOcUAZctur6nI6nZIIk2sB7t19e1VZbt0PzRpxJ5ZAJ3fXFADoXS6tlkXGWUFgDnaSM4pjofWgDo7iyhuovKmTcmc4zTU062QY2N13Z8xuvr160CHjT7UBQIUwpyvseD/AEFSrbxRrtWNAB2xQIhjeFb2cbkXCoDyB60q3EDX7xhxuRcMMHjvn6YNAE/2iAH/AFqfnUcPlTzT/ddcr157UDK8ulPLCEMoDB2YyAfMwIYc/wDfX6VetkkRSsnIBwv0xQBYpOp6UAMImJ4KAdsg0bJ/+eif98f/AF6ADy5j/wAtQPotHkSHrcS/gF/woAXyD3mlP4gfyFV7rSLe9MRle4HltuGydlz+v8qAL2MLgdAMDNVLu6+yrkjICM7EnAAXGex9aAI0vTIpKm34OCDKQQfTG2m/bgRkSW+CAc+bnr07UALFeKEuC5BMPOEOSw2hsj86YWj1SP8AdsRHG6kNjncMMP585oAbJdSWsxSVC6lSylAMkDqeo9Rx/On3EMd7bBScxsVYe+CCKAKCaPBC8bBm3IxII44OTg+o5/SnvZwZ4Vh/uuw/kaBlWW3EDGaDezbcMrSFtw9sng1Eby1IyZFB9/8APsaAIQ9uhco6Ascn5qa9AHVYpSBQITHvVS4vRFIYVB3/ACAt/d3ttX68igRJBaRwjcwDSN95iKlW3hExl2DzD/EfoB/QUDJsKOgAqG5UiNpo1JljUlQP4vY+1AFd7m7AbygJPlUxjYRvOeR7Y/rUElxqm1fLjJzGSTsx82On50AbQpO9AhQDmncCgYDOKXkUAGKCe1ACEmqd9bNdoUyu1o3jcHuGx/hQBEdN3kswiyWDEBTjIA9/9kVGujIsap8u1SCBluMc+vrQBIbP7PY3SodzOp2gA9kCgevam6Ykqi682MIWlBGBjd8i5PTnnP5UAWJoIpseYm7Gcc4+tIy4XC8Y6CgYzHHNRNigCB8VlTadGY9iu4XDADj5Q3UCgDPn0hGTYJGCrGY1HoCD+fWrTEbeetAHV5pC1AhR600xRl1copYdCRyKBC+bF5pi3r5gGdueaUkDqcUAMjnhkPEinkr175xj8xU+MGkA/IoLcZpgIuGGSacOMc0ALSjrzQA7tSZyaAAsFFAcEZoGBZRSMQKAAEEZrNebUkaRhCjr8+xSCDxnH58UAQtcaod2LbA3gAjsPlz/AOzflTTNq2xcW4yMZ6c/Nz+nNAEl3PqK3DLBbK0XGGJAPTnv6/59YTJqYMR8kNlW8wZHBzx39KAKs11qwG0W6iQ9AvI+6c9/XH51C1/qLzlUtvkEpUkqeAD196AC4v7uKIOLNncoCYx2OCTz9eKqSarOj4ks2yeAqnr19foPzoAfDd/aWYeU8eBnDDnqRSHktQM6rNQ/MWJNAh6NgYJ5pFY7yT07UCK0+mw3E7yuzbmx34AHb8aiGi24UgO/UN1HXAH9P1NACw6XbowclyVOQc/7W7+daQkGfpQAvmAHFLuyMCgBQcDpSgkn6UAPyKXcKADcKXI9aAEOG6mo/kHRxxSAQBM53E02SQbikeWkI6dh9aAG6fay2sTC4unuJXYks3AA7ADoKvdqYyPdk4xTW5x25oACBisy4v1g1a2sdp/fo7bh0BGMD8efyoAskHI561E8fPJoGV5Isnr+lV5IzjrQBWZMNnv61XkTHSgDo3bAqLc1BIo+8Mmpd1ADA4wxyeKWIh0Dc8jPNAEgxjAxS4HUigAwoGOBSo3FAD80uaAFDUhwOcUAMyT1Hb0oBYYwKAHbm9KQ7scde1ICINJLxEcL3k/wqZIxGu1eM8k+poAmA+XB9aeD2NMYox2psmMYz3oAYVx3NVJwq3cbscBY3OT25WgCq1+PNwEJx/Dkbumen0H1qdZElRXQhlYZBHegYx6qzAngUAVCjBuaikFAGw0voOtIJCSPlNBIE98HNKnPUGkA5gBG3bimwqPIQ5/hHH4UxEq4HfrTwc0DGsmT1p6DA60ASA0UCFFOxxQMSs6R2aJZWILPJt2biOM4wAD1Hfr0NAFqGTZHIJHysb7Qx78D/HH4UpV5zlwVjxwnc/X/AApALlk2gDgDmn5fFAEq5x1p+MigBojPrS+We57Uxi4wMZqldp5k0cZON6OufTpQBn3Fl58geWKXzlZSNrDbkAjr+J561ct7fyLeOPIJVQCQOpoGDj3qtIKAK79KqyUAbOBS4HakSBwDSjBFAEV3E09pLCjlGdCoYdVJHWq6QGGOyhZyxVsE+pCNQIu7RTgNpOOc0ABJJAHFOAIHXpQAFzj5Rk1IDQA7NLuzQAmTVeVY0bK+YHc52IxG739vrQMdFBtClgMj7oHRf/r+9Tc+lAhe3vSDIoAdz2p69aBjxml5oGMYH1qrMjmeFgCQCc+3FMBxzUZJzQBXffUDE45oGV5C1VpGOelAGztHrShR60iRSBQMUAOwKpXdykF5YxlHLSzEDaOnyt1/n+FAjQyKOM0wHYA5xQD7UgHDHpTs+1ABS0ARNIzMY4gCw+83Zf8A6/tT4ovLHqx+8x6mgZJzS+9ADec0nJNAD8GnAGgB/ajHFADCR6j86Z1Gc8UxjCOtQEHPWgCCQ81WcnPAoGQSFqrPmgDcIHftQMUiRcAdaQlVXcxAA6kmgRGsrucxREr/AHnO3P070EvuVpLYPtOQUOSOMd8dvSgCxHIki5Qgin9+lAB+FKuKAHdKeMUAIT3PAHeosvPwuVj/AL3dvp6D3/L1oAlVQihVGAOgFSZoAOfSk5oAOaCD2oGO5xzWXDp97CibLlsHmRc8E8DjjjgUAC2WpbcG8yQQfr8+49vTirtva3KQost05ZSTlcHcM98igDP/ALKkaVhHcFQkisVxnac5O3PqD0+tX7S3a2soYGYM0caoW9cDGaYx7LVVpE6iRfzoAikXjg81WZgCQWGe/NAFdgeT27VWkLelAzeIBOaMKDSJA471CgE7l2+4pwi+p9f8KALIxSjAoEZ8d3FJqBVPkZSyvu6MAQP68U+PVI5beRxG6Mi8qVyQcEjp27596AK66gRK6TTXKhWCB1VSCduf7vHFL/aMLOyeddFg205CjHOOw9cj8KALVlcJcSRSRNNtYMCsjZ6Yx3960SaAGNHvcFuVHRe2fU+tS7sdRQAyaXyUzjczHCqO5qGK7L7GbYyMcZQn5cnAyD78UAWyT2pe1ABjim4agBTnFSYOPwoGUbL7Q037xsgJ+8ywPz57e2B/nmtHBAoAy4kuiZtzMJ9zfNvGwjd8uB2+XA6ev1pGjvvtKnLEbk+YMNoXHzAjuT9PSmMet/bvdm1Vj5o3fLj+7jP/AKEKyP7AMcaqk4BGzBIJwV3e/wDtdOlAE73AVCrA+aDjyx1J7Y9j61mzaXKwXLqrB2YuB8xznjke/wClAElsJkg8qYD93hQw/iAA5/PNMcZzQM3ttKFFIkRyFRmP8IzTbZALaIeijJ9aBE+AKQ/N0/OgCF7a2ORsRGY5JVRk85PbvjmpTHF5TIEVVK7TtAGBQBCtsPu7x68Rr+fSphaY/wCWzDHTCp/hQA+O2CSBzIzbQQAQoHP0A9KnO0c0ANZ1RdxIH1pn2iDPzSx/99CgCK4dH2FJ49yNuXLDHQj+RqnBDEJ96jyh/FvdTn5t3AHTn/8AVQBp/aIsf6wfhSNcxKpJfgDJ4NADLK+t7+DzrWQunqVI/nU5GT7UAOBAGKaZ4wm7zV25xwc80DK1kxjmkMsbxq+Ahb+L5mP4dR1xV5p4wpYuuAM8HNAGe93JDLJL9nfymxgnjI/p+OKn+1xNF5m7C+/FAzFRJhrbOICwBkKyDgHO3Kn34H5VamubjzI08kR7yQGZsgcZ7UAQSWqFvNdmM46S91+nYD2rOu9QngS5JEZMMe9QQR5nBPH5YpgPt7sXCsGULIGYbfYHFJIAOM0DN4gnFGDnOaRJQt7/AM4tvUKvlq4PXG7Pyn3GOfrUdneyJZxRPtkmX5CYzlcA4z+WP64oEWLSOdCWlY8oActnLZOSPQYxVi4iM9pLEGALoVBPbNAGfHpxtLlLlpQyrIWb5cnBGPwxnOR2zV+5LyFY4STtYNIFOCV9Aex7/hQBVS3vLe684NI8ShgI2kLdQgHfno351sfjQA7bz1oKj1oARguMYzShRjhRQAFMjJxSYA/hFAEgxil4NACDGOBSFaAHbQABVPT9P+xNKzSCQuc5K4I9vpQM0eCvSsbTfLF7J5YI3B9y9twcqSPrigDVJ5xtqv8AZYEk8xYgG7eg+g6D8KBik+1Z+oSCOOM7MnzVC84APvQBmz6uYVJktxxL5PD5+bsenT3qt/a4N6bVrbDBlUndkZJYen+z+tMC2wjL79p3YxVeQrQM0DfEaj9k8s/d3bg3tnpj+tPnnbYBslVWOGbGDj29+1IgtR7GRWjYFCMjHpUFvEpmuGCgFpOWxycAYoAsPHtjYjqBVLSXnmV2ll8wFUKkDjkc/rQBcm/eZgQAu33iRwo9T/hUEKCwHlOWZGb5HPLMT2Pqf6D2oAmhvIJplhRj5hBOCCDxjP8A6EPzqztJ70ASKMd6CnqaAFVV65p/yk0AGBRtWgAG0UvBoAUYoyKADg0/jHSgYo6dKYkEMbbkiRW55C46nJ/M80AOJHpTGI9KYyJsdcVBIquhVlDKeoIyDQBXaCHP+qTO3bnaOnp9KpPa2wIItogVxghBxjpQAyTGelVpcUAbYhG7dgZ9cVGy+dO8L48tUBII65z/AIUhENqt28ksc2UjH+rdQBkEn9aV7JfN/cyuswG4FiTn1/z9OKBE0aXDgLKQqgYPQlv8P89KE060hjcNGrITuIcAgH1A7ev50AQWc9oIobi2VUt7kfKqrjLD0A9gfyqSW4spzGGc7g+6Mjg7gdpx7jdg/WgCFVsJ5w0TsJ3Ypu5zkgEj/wAh/hitgAUAKAKdwaAF2rSjAPSgAyM07AxQAmBik4HQUALupCR3oAcvSs5NajwPOhaNmI2gHIYEgAjp3P6UDHHWoBFuQZJVmUE4zgMf/Zf1pH123C5VSTjIz0POKAFOtWq2sM7ZAlzgDk5HUVE2tQ+RNKFysRGTnsTjNMZFLr1qjMuGJAY5xx8pAP6mojr1qCwcMCrMCBzjFADU1i2mhMiZ2hgDn0Oef0NUv7btXfG1trEhSBknAHb8aAIjq9qzYwwJbb909e1P8xZIw6j5WGaAOg24XGaguLGC72ecCdhyCGIP5jtSJLIAAAHQVDKhDpNHyy5BHqD/AJFAEkc0Mmdsi5H3lPBH1HamPKLhSkDBgeDIPur689zQAr2cTLEMFfKbchXjacEfyJ/Omf2ZbFg2w5VmZfm+6S24kfUjNADotNtoZFkSPDK+8HPfBBP6n86ugZFAChR6U7aKAHAUmO9AC4pwFMBCoxRgUgEwKMDPpQA4AetLtX0GKAFCr1AFKVHfFMY0gUwgUAQTRRyIUdQVbgg9xUUlvE8iyMgLrwDQMikijII2r+VVHt4D/wAso/8AvkUAVGsrYZ/cxn3Kgmo2jVAFUAAdqANrcT2NBBHQGkSL82OlVJ9QNtctE0LMqorFwRxuLADn/d/WgCBtWtpGJeAttBxuUHnGaUa2gX/UtkYBwRgZx/8AFCgB8etA26zPC/Mvl7R/P6Yq1aXpupZAI2VQqsCw9QD/AFoAtgtT1J6UAL82aUbvWgBfnzxS4bFACbXxyaUBqAFAbPJpMNuzmgAYHPWm4Y9xQA4K3XdTgDjrQA7oMUuM96BjSvvUbA+tMBhXnOaiIOc5oAgZT61XdD60AVpFYd6rvkA0DN6l7UiRaQAelADsD0o9aACjJzQA7tQpoAkpc8UAAJ2ilBOaADJ3UrHmgBu4+tKWOOtACAnb1ppJ8wjPagB4PFLk4FAAOgpSTjrQAmSR1qKQnHWmMYxOKjcn1oAruSM81A7NtznvQBXkY4696qSnimM//9kA/+Ex5Gh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRvclRvb2w+V2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NDwveG1wOkNyZWF0b3JUb29sPjx4bXA6Q3JlYXRlRGF0ZT4yMDIzLTAyLTI2VDIzOjU1OjU2PC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICA8P3hwYWNrZXQgZW5kPSd3Jz8+/9sAQwADAgIDAgIDAwMDBAMDBAUIBQUEBAUKBwcGCAwKDAwLCgsLDQ4SEA0OEQ4LCxAWEBETFBUVFQwPFxgWFBgSFBUU/9sAQwEDBAQFBAUJBQUJFA0LDRQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQU/8AAEQgCKwKHAwEiAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A96j8P6VHNdkWFuXugBdFkLeaO2/d29Kt2uk2Wm27RWtpb20TgLIIoVCkDoMd6byNxb2qRpHZSF9a4j1ti0qbVUKoRVGAqrgAemO1Kz7sBm57bqI1PljPXHNVpo2aQUAT7lWl3Ky5qBo23BakWFlYoF4xk0AVobO1iuXuYLWGK5k4eaNFWRvq3f6VJHL8pz0zxgYpTAfMG2pDZsFyvrzQBHNNhSFb5jj8qDcYJGM1IbVl5296kFryaBEcEzbuelW1VTzTY7Vecde9TLHjj8KAKUjETkDpQWby/wAastbZYn3pPs/IoAqlmY/epdu5wp+tWfsu1s07yl3igBka7mq35X7s/wB6lUbVo3LQBTMMiSHPQ0LDuAG2p5pVjVS3c4FSKy80AV1teDU0MPl8npSPMqNx1pwuNwFNAEirJlT0NILZEHy02S4jjy8rCONQSzN2UDJNcbb/ABC1HWNAn1zQvDsmp6ZGjyW8kt2kMt0Fzl4l2n5SBj5iMgcU2B2gVVOO5p6xLXF6X4y1DV/G3iHQZLW2sYdJt4Jo5vMdnfzV3KCvGMbeRk074V+L9T8Y+FxqOo/ZhcNdT24W0RlXETlN/wB7vjP41IHb420q1XSYsuDwe9JHcNuYbulNAWmXdUsacDFVrMtMxxu3A/pV5Vbt0oYDGU7fmqosknmEKvyg4q/I3lpgryelVNrSNkLyKQCNKxYjpTfNZeKl8li2dvNPWz3NuoArqzNxUixncCWqdodrcdaGhMmDu+YUADYCgL71TBkaHG3vWisZ27W696Psq4OOnegCrCiKMnrjmqfz/ap3T/V4A/GtNrWNuCuRT44VVdqLxQMrWsA5LtvJ5+lXQvA5pFjVfanBuDQO4ki7lxjdUaQHDcYPYVKr7sihm4oC4y3h8pTu+8eaWSIvhfxp3nKv8VOVvMXNAEXl9V9RTreNo1Ip1LG2XKfjQMiaPGRu60xbZd275umKtMu0Zqu9xtkC0CHxwrHxtokhWTg9KQTru+8tNNwmT81AEYtI1PHWpPIVv4ajkuBtBXpuwalSdQ1AxTCoXDL9KjEaqxx1qwzb6rSNsn2e2aAB49x56Uz7OqtUnmLux61FJNtYjb3oAcYhk1XmhVWzT/tS4ORtqJplm75xQA3plvSmLiY805u1B9utAB5Pp0pDFwacZNsJ/vVQ+0Pn73fmgaJZLeoWtVYH5aubldR34qGaaOMYDc0FFT7Oqt6USR8FaPtW6Qg9KY03zGgCH7L1z0xUBteKsNcMuB60hlG0560AU2t9tU7yCSRMo3ANXpZeajkmVRj1oAx5rWRsGodjKxyO1bvlq61VmhWgDFaTHtzSSSZwPWtBoVUE1C9srigCGMbFpsi55p5j8ohaY/WmgK8jKrbaryLuyKddLukz7VVabZVAI8arkUUxps80UAermFdo+7T0g4qqzGXawbAqws7Lx6VBmy1GmFxTWjWoTcNg1B9obnDcd6CS2IlyKf5XzH6VUSZ2b5W7VPZs7SNubpQA5gseDtoWVefmxROu41A1u27hWxjmgCaSdFHynce9RrMzSc8DFNiteeFOf9qrMdq24464oAb5m2lE3zCnxwuud1Bh3kY6d6AHg5XNQ+Zgt9atLD8oHpxUbQbWI9aAIPO+Ut+FNXcHjHrVprXcgX05py26nn0oAqjzCCCdoqIN82CckHFaZVcVXvryz0m0e7vJY7eGMZeSRtoHpn1J7CgDJ8QarH4f0q91S5V3tbOF53VBliFGePbI5PasDwj4j1bxJPbXL6fZtpN5ameO9s7lpSrZXbE3yjJ2sxPJ+7W//bWoal4dvtQ03R5JNqA2UN4AhvFJw3yBvlG3oW4Nct4R8EyaH44vb/RdKufDmh3FkyT6bPMAkt0WUo6ICwTA3AsODQB3Qt9wUYyccmnmFhxjbXPw+NzpMiW3iaybQpi20XKssllKe22XoufR/wAK1tY17T9G0v7bc3HmRkhY1tz5jzufurGv8TH7o+hNAFHxPax3ui3Oly3SW0upxS2Vu7t1d424X6feP0rmvhzf6roXhPSdAu/D99HrGnQJZkLB/or7QAJPN+6EIGcHnJrp9B0G5a8/t7Wgv9rSoyw28Xzx2ERPMaHux/ifucr2rol5yPT0oA80tfA8tz8TfFet6v4dhu7G9t7VLSSZony8SbTwWzglsZPpWXpvw/1Tw98K7jSbtrez1GGS6uLVba/MMeZHZ87kUnKA8LnB216/uxwelQTWdrfSRtPa29wYTmJp41cq3cqexoAq6Gxu9HsLhldGntIpHWYYcFkBIb355rUjtU52rRLtU5DHPv1qRZ12U0BLBCq5x1qQLzUFu+bj8Kssx2lh1xxQwGMtNjXmovtBZcnqOtLHIzLle9ICxS81WZn3ct2pqM24ZbigC18ueOtQef8AvzGF560rL1YdcVV2sWYlWzgYoAutJ0I6k4p8hZVJ9BVcRO2Cy96sMjbT7jFAFaO55G7qTgVeVF21mi2dGTd0z/erTVPSgChcSMsnH3VqNp9uFq9Jbbtx96hWx8zks2BQBVa6ZcKqrjPNO+1FXCnvU8lgq8r1qNbIMwLdqAGOxaJ9vy/N1qYMygYb61ZS3XAz0qRYVX+H5aBmfJcNH05BHLelSWJZpA5GeMCr/lqeVVdtNbhsDpQO4O3ytu9KyJFJmXaGCZPG3qa2wvmYFO8lRwOtAjEjhkbqjD/epfssm58ptHrW1tWkZVoAzDasFxjqactky5AGS3f0rQ7CjdnigZFGmIwCcnFVriF2YMu30rQK7VBquz7mxQMrLZFmQnqM5pslt8uPU1b89V49OKZJOq87qAKhsPXpUUlk3bpVt7vLKo702S5CsQzY4oAqLat320Sx7APl71MsymmzTBuFoAhaHcpI6nmqr2bY3DbjPNWhcBWCtUjyrj71AykY3YAfw1DNbEqQirmrUlwqsAOtOPagDJFjKp+72qI28qyZ/hxWzuWoJNrZoEZTRt2Xiq8sXX5WrXLKFIqFtuDQUYso2rUXzDmtmVY9v8NVrhV8sbaBleJ9yEVDO22M461L/Caqyx/NkM2O9AFRrroNtM+1K2RVgwDzPl9KqyWbFifl60ARyOpIqORSRkdKJYWReF5zTznyxnrQBUl+7VSWPKk1YklyzA9M1Wklzx2qkwK7I22int2opgesLZf7VONrtGRyaesysxw1L5gLY3VBkRiBdvPWhbdVBz0615l8VtZh0fxp4akuRqUumm0vJbu306SQtKsa7gQoK5AJ5KnjvWQ+satZ/D3wwk+qy/YfEGtLAL2O48yW2sZCWVfMBJD4Ur1OBxQI9ljaFjgSRgn0bmq8d9YLqBthfwC5bgQmRQxI9u9cZ448O2Gg+H7/AFfRNLhtNb0mznktBD8rSOYyu1gOX7nnpWB4kstMi+ApNosc9wbGCa3uUjDTyXbbTuDHneXOeexoA9Ug1qwur66s4b2F760G64t43/eRD3XvWRdfETw/ZKjPqHytdCyXZDIR5/8AcwF69q4HVPDuq6p4i1HXdKmWPxno8VkPLZ8JdKYcywuO6Mcge4rH1bWpNc8J+GL2SN9Me98XCZlmQeZCwlfcCG6kMuPwoA9mPiqxTxNHoRFymotAbja1uwCxjgsT2weK2F+bnGPxrynTftFv8b3S51NtRkOgGMTPCqYczAhBjjJC55rpZ/BguVaV9e1tv41VboIOvT5V5HtQBoal4sK+IBoWmWo1LVRD9pnVpPLitoj8qs7kMeWzwK5vXfiLrugzwR3GiW1tPLq0OmjzblmjdZV+WZGCZKg5yPWk/snVvCvxG1fW4bGfV9M1m1t4ZGs1DXFvLCGAUoWBYNuzntTfH/h3WPGlnokY0TzrS11WG8mguriPcYE+8GGeWJbIGencdKaA2x4qvm+KH/CORvZvYLpRvnYI5lyH2bCdwwDnPStC5+IXhqCRlm12xWRSQY1n3Nn0IHINYOneBbjSfig2v2WnWNppL6T9hZbcrG5l3795RFwRwq8+ldzFax2xPlRJGcdY02mmBzsnxM0BkcW11PeNx8ltaSyZ/wC+VqX/AITaKbb5Oia7OxUMANNdB+bBf51uyrPIyfMzKBjDNVuNdq49qVgOD1r4hahpdqso8LX8LSzx20U148UarJIyhCw3s2Mt6Vo6V4W828bUtenTVNSUgxpt/wBGtfaKPGC3+24OeoxVT4oWkk2k6bGu3bJrFgn/AJMKa6yKD55fm++aLCuXRvkByST3J61TmjKyHb1q/wBdoHXFNa2UsSW5pDM/Y1xbSQzokkbjDxyLuVl9CvevMbjwWI/icieH7tNDNppgvre2lQy2oleZ43/dlvk3KOq8ivW1jXbtrlbe3U/Fa8/2NDt//SiSgCmnjmbQfKtvFOnNpIJ2jUYyZrJz2AcZKH2kHHrWtqXijTdJS2kubgubw/6Mtupnef8A3AOX/DpW6Y02yROqyRsMMrD5SPQjvXm8FxbeG/jheS6mYbCyudDhttGklAjhjCMxuI4y33CTtJ9aAL2q/FTRbGxvLiQagn2S7hsZk+xuGillGUyGAwD65rUuvGiaf4q0nQH0m8a61SGSaGRWTYixgGUHLg/3RwD96uS+N2pabrfglzY3CyyPq+nxS3FuhZnCSiRsMF2vsUk4HTvU2oaa9n8ZPC9yt9qWswR6dfo9xcJujiaUJ5akxoFTe3vzQK56XIrsOOvanR20u3cep4rnfBev3154k8Q6RqdyrvYCCWM/ZGgfa4YMyA8MoK4Vu5ya7BZAoG7C/wCyOgp7DIre2MbfN6VO67l56U03C7uOmKgN0pGR2NIB7Wiv0anRW4jGGXNJ9rXgetSR3CtkUAO8lY+PWnrGv92qskzMygK2N1XN3yn+9QArR7RUchEaglu9QSTNGcfxEU0MZEG6gCzHIryD0qeRlqgpKXPHTFPnZmjI3dcUAWNy7d1OgkWQZrOkhlG5V3fMefoKu24KucLxigB9xIq4qKK6XmnzK8wIC9qjWzdY1Hr1oAa0zGRjnauKbFKm4KTuOMipWh8tiu3tTorf5g3tigBnnqeQ2SP4fSnrMXVvXHFI1kqtuDYJ5qQW/wAp5Zs8UAQrdbdkZ+8RmneZuY59alGn4ZSdwCVZFovHtQBS8x+zcVEszKZDndg1peSoBHrUP2ZY2J20AVGlkmZ+WHA4pVLKxLdQOK0Y4VODT/JX0FAGb5rNz7U6E7nU+tXmjVf4aWONTzQNEM/+rLVQVXkywXjFa5VfM/CoZfkOPWgoyWjJbHl9RzVeSEiMjy268Vt8LyWpHwBkdKAMSKGUgErwDTbiFpDIBWw3SmltpFAGSsLRr91qctvIyFttaBkVnOOtEn3TQBlMrbj8vaoArSOoEbY5zWvHhV+aq80iq2R0oAyWhaK5VtrbelX2xtO30qVvmXcOlRrIrcBuaAM5lbdz0qC4U9jt5rWkVahkVcUAYjEiRkLZJqJVaHhW4zzWxJHGrbhtyeKhlgjbqq5oGZtw7NgDpnmq7TMuQO1aTWq8/LUDW6t8oVcjmgZWjHmR/N61BOfLcoV4xmr2xgD8tU7yNmI5xQMqrOvNNZ14O6mSWsmTiomhZcZVqAHyN81QNt3mmqrecfmxTLjduFAEEkKtkjrVKW1YHIarjttzVdn+Y81QFKSMqTnrRVmRc80UAen/AGdlkAC1Ktq+5s1b+X71NMys1SYnP3Hg201LxJputzXFylzp6SxxRqV8orIu1ww285Wqo+GehR6ZfaVHBKdMvJjcPZuxMccmc7ou6HPp0rrF29utOZhGAWoAwdH8G2WlSCRBNdyhdivdzvMUX0Ut09z3ot/A+iWlwZ4dLgjmVvMjIVtkchOdwQttUn25rca49OlRpM3zbvu54oAr2ui2NncT3MFrClxcf66WOMCST6k9anSxjUFTDGQpynyrye5pPOwxP4VJ52xfutQA7yY1UrjK0YRVwOg6VF53mRsKaJGG0bf4RQBi+L7eWcaEsEczn+1rVpVi3Z8vcdxPtjFdQuOpXaT1rzjT9TufGnj/AFzTHvZ9P0rQ1hjZbSQRvcSyruLM55wq4AArq9D0WfQor2OTUbnUI5bnz4ftTFpYkIVdmT1AO8Z9qAN/5cGo+5qqzsysN3HFSjcoUetUBLdXUGn2ctxPKkUMa7pJGO1VHqaxLzx7oVjolvq76kn9lzyCGK6SN3RmPQDavU1d1wbdH1L/AK9Zf/QDXhF3HqMP7P8A4Jml1KzksHn0vbbLb4k/165Bk8w9PTA+goA9Z1LWtE8Uaw/hv7bJDq2mzW+ovatEVcqjCRdgYLuzjn0rY8O+Ik8Qfa2S1mtXtZ2t3WYbfnViGx6jINeeeIvBsHj7xV4om0m/itPEWmzWs+lX8bY2kQklW9Yy2VPoa6H4faTqWv8AhO4Os21xoOo3N9cfaI7abY6OJD91u6+h9KCWjvpWEKhvurnANRzXQj+86KvqzLXLXHw20uVTvn1S5bIy1xqk5BHpgNj8qST4Z+GlYs+iQSsABuuHeXPt8zUAtDZuvEmmaeT9o1GzgGM/vLlVrldG8RWGtfFDU20/ULa9RdEt8vbzK4B+0TcGugsfh/4ft2cxaBpsRYD5VtIzjHf7p/nTPEngGz1qCCWzC6Rqln81lfWcQjaI9wwHVW7qevUUrDuaytvbJ++BVa8hW9TyZ4UuI8hvLmUOM+uGrP8ADOtTXF82j6zBHp3iGFN2xCRDcpj/AF0OeWT1U9Ca6JbdV/hosII28mIJGgiWNcBYwAAPQAcAfSqwDHK7pAWDDKnaee49xU9xeWem7Xu7qCzVuF+0Sqm76DvUl5qFjpdi15d3UFrZgAmaQ/u8Hp83fPYUwMnStBi0tjMkk95dyKqPc3bb5XVTlRnsAWetRbcyRgr2981Q07xhomrfafst/HO9rEZpoFBEyoBnd5Z5I9xWfN8VdCh8Dv4tUXlxoUbbWuBaOcjdtzhgPlDcE560DR0qQM3DLTDas2Rt4zVi1uHuIY5Whmg3qG2TD51yOje/rU8Z3HHrUjKTWbM30p8dkynNXSuxqGl/2aAIFtdzZ9KsNGrJiiI7mqcpxQBTWxUfOV4NOWzWPkVa27uKY3II9OKAGLGvfrTvI+anwrU4VaAK0lvt5ojiG3mppPl4XvQi9KAGqoXhe9SeVT1WpFX5aAK0kfao4odshFWpF4psdADPs601odrDHSrLLUDfeoAV/lHFReb8v41Kys35VFtoAjEjRuS33c8UfaFZjSmFnJz0qNoWSgB8k3DL8w+WoopmjiUZzUkduWO49CMGntbqoUDoBigCL7XuZhtqNp3XZtqdbXbnb9081Ilqu7npigaKP2mZlBDLjoaPOk3YLcDirTWa7uOlL9jj5z17UFFHazMc9M0rNIqgBuKupbxquwr3zRJaqrZoAyyzeYKsSKWh3M1WfsytSPCoG0jdQBlp8zE+lNlmblRWn9lj2/dqNrWPaPl70AZTbufm7VXRWZueRWwYFVyAvHemC1XBoAodUIDcjiqeHXdhu9a0kSr8tVJYFXIHQ9aAKJun8vBbkHFRTSM2O9XWt46ge0XltzUAUGmkT86kEzMpNPuId0YC885pIxmMg9TQBWe+xn5WqJbvc/K8VO1kzfhzURt/3gagZHPdKpxUDTbuN1OurdmmJ21XkRlH3adguEkqp834VXkkVTmo7j5uNtVZueKLBctMquC1VZlziq25o2IDcd6azNuHzcZphcJY/n/Cq0kTJj3q5NtUZPWq2/dxQFyJeOKKVucg9KKAueow7nJU9AMUvkvkbVrSWHr8tCoufu1JmZuHST7vbmpGXfir7QZ5FMEHzcdaAKcke9VFSRwtGpAbirq2/wAwp8kPynHWgDM8pvWkVWLEFcjFXlj3cU7y/L5/CgCikG4YPSud8R6lc/bf7OsHWy+zxfaL/U5lHlWsHXAzw0jbWwD8qg5bqKht9Qm8V/EDXNENzNY6ToUduJTZybJZ5pRvI3dVAUD7vXvVXwt5niHXvE/hjWJJNZg0K+gktZZ2JaVJIwyrNjh9rcDPpQBJovhWXVNUufFelXF14fuNQQRyJJbB0vYk4jnMZbMb/e2k8kGtTVry68HxW0t35mqaVn/TdQ/5aW7E4Vig6RDp8v3eprsF2n5853DP+cVD8sk6xsvyt8re+cDGO/AFAGdNqmmaa8Ud3e2tu8mAiTTKhb6etPvfEGk6Ze2lndajbwXl5/x7W5fDTD/YHeuG+EkdrrvhrW9U8QW8N1f3GpXcGpfa41YLGjkLFjsgUH5fUZrhfCx1ea3+EKpcrBcpcaq1nNfAuptgrCPIUrn5cYqgPal1nRde1bUNBWaK7urdQLu1MTMqA8jflcY9K0odFsIbeKCKws4IYzujhWBdkZPUhexPrXAfD/7T/wALY8fRX13Bc3fkad81vGYgwCScFS7HivT413KD1zQBHDbJHkoioO21cH86ft7etTbKb5PVqAGqlDKG4NO7inou40CsMVPl46U1l6fLVoIuDQI1agRyXxEmi0rwjqOuGwS+vdEtZr20WROVkCEDH1B/Sub0f4eab4q8B6e+qyy6jqOpWSXM+rSSsZVkkVXypLYCA8Bewr024s4ry3lgljEsUkbROrfxKeorlNH+GdlotnHYW2q6r/Y0f+q043CrHGuc7QQqvtHQDcRgdKAOY+GsMXijW/Gt/rEEeoX0GtSaai3Cq3lWyINiqv8ADkMx/wBrrXn3hRrpfFXhazu2eTwdB4l1WOw83Hk/IpNuvptDeaEz3HFe9XngbSb/AFCa/ktZIL25CrO1ncSQC4CjCrIUbDDHc9OlaP8AwjumtoyaSNPtTpaJ5SWnlKYlHbCngfXrQB514sha++Mfg+S2dTPp9lfTapMpI2W7RhU8xz23dB/s15g1jc3H7LL3Ka3IkDx+UmkwwxkFxdZKbsF8kfvDghueOK+l9N0HS9JheCysbe3gl/1kcUShZPTIPXFWktYLcARxQwjv5cewGgCtZmO6sYJ4HWSJo1KlehBHGKkWPy+elWeikDpVS4ZooZZRG0pVdwjQZY467fU+1SUSKN9Bh+YVk6D4p03Xdy2c+LiP/XWk6eVND/vp94fhxWzH82Rgj6nNAEkcXTHWpSm1R60sY2qKex3CgCH7vNHl76k20N2oAZt2KaI2+WiRajjRlfJ6UASSYxx1p9uvFAjyc1KibVoASnK3y0jfdNRUAK8nzbaI0ZTTkX5hnpU+2nYCI7tpqDazVc20bNvNICBE6UrIrc+lTbaNu6gCMLkCmOvylal27eKGRcUAVVj8n8aG+ZsVOy7lIpix/LQAxh8uR0HWoRMWICrUzKwQjd1pqRcCgpEbM+TupjSNU7Rdf4fejyPkHegZHHJ8u6o3m35qw8Pymq/2VTz97mgQ6JdwzUnNOVMcdMUtAEbLuxUUkLLU+5aikwzfLQMr7KDF8tS7aYetAFKaHfyOoqpJE3fpWky/MahMXymgDNkXpUMq9Mda0pIuKqvF1oAotHupAmFxVtoqjZdvHrQBVaoWq2yLUDryaAKr/NkVWmWrc3t1qrMu5qoCjIq/xVXaFW6rx2q86dc9KhkWgDNkt1Vj2qvJB0+bvV+ZfTrVZvl9/agCCZfk21mSR7GP1rSk+90xVaZd2TQBUZvlFFE0ecGigD3CM/w0rjYajX+tSFeKkga33hnpUirjmoz0pVbdwelAEtRSN5fHrQ7fKagC7jQBMJFUCopgZMFWqVIl2mpAvAoA5aTwfLF4iu9c0u//ALMv7uBLe8R7dZoZwgyjlcrhlHGc1oeHfDMHhyK78t3uLq9nae7vJ+GmkI2gsuTgL0Aya2UVt1SbaAGN97piopEDSD+FhzmrSrwacV+UUAc9deCdD1C7uLq50uGae52mf52RZ8dC6hgGx7g1cu9A0i+vLW5uNPtbi4tRthlkiy0YHQKewFae2oWj3NVAMgsLaGZpo7a3Sd+WljhXc2euSOSas7vbFRLCwap9tAAsm1ab526laKhIuKAFMnyik3NS7fmqbyM80ALCdy4qWmiMjAFHzbhupXJHn5VLfhTVTbyelP2buakDcDmjcCJlpKec5ptGwCFeRTm6U6NtuaSR/TrSHYRT2prQ4bPpSo3zCpaA2MfXPDOmeIhCb+18yaHmG6jcxTwn/pnIPmX6A4PcVlR2vibw3zEw8U6cOdkmyG+jHchhiOX/AMdY+9dXt3NU2xvWgRjaL4s0vxAzQWszRXcP+us7qPyriL6xvyPwrYX6Y/HNZ+t+G9N8RRKt/bedJHzHPGxjniPrHKh3J9AcHuKxFtfEvhpz9knHimwxkW9wyRXyDvtf7kg9mCk9iaAOuXrSOvzVi6H4s0/XJ2ghkktr2IfvrC6j8q5i9zG/JHuK195PHGe+3pQO47bTht203dTHxtOPvUBcnHSnVRZmVVJpbzUrXSdPnvr6ZLWztojLNNIcCNVOS30wRx3JoC5c27s1E0Xzc9K5G2bxJ4ujFyLyTwlpcgzDbxwRtfTKejSFgRHkc7drEdOKS48J63pYEml+LNTM3UQ6ysVxbyY/hxsVgT/eB49KaC52kfHHapK5vwv4qk1pbq1vLcadrNk6x3tmrlwhI+WSNu6MOQe4IroPtC/KcgAglg38IobsMk5orJHifSJmmSHVbOSSGMtKqzRlkGerAt8tM0rxfpWuwzTaZqNvqMUbbGks5RMqn0JFIVzcPyqDTS3IrAm8baLb+Io9Ak1BE1iRPMis3DBpF/2M8Nj9Kgs/F1neeJLrRU89r+GMSsnkSbEU/dbzSuCCc9OKBnSSN1PbGW52gAdzWVceKNHt2Jl1axi/3rmNf5tWN8RpG/4QHxRGD8r6ReAbV6DyXyD7GuLe78LeFJvDunN4Lh1G/wBXhC232PT7dg8ixh3Uu5XaQp3ZPXNAm7HeXHxH8J2eBL4n0hT3AvY2I/8AHqqP8V/BuRjxLp7Dv5chc/kqn+dU/CPirw/4o+3ppmmx2V5pc5t72zubOOGS2deQrbSQQ3UYJFdOutWcawxPe28Mk3+pXcql/oO9AznZPi74T3BYdUe55wPKtLg8/wDfuj/haGjxsVWHWJWXg+To90/6+XzV2PxjpV3rGoaDFqcJ1GyiWW5h8xV8pHDH8SNuW/ugqe9Vta8dWLaDdXml6xpMjQfKJrm7H2aNsg7ZHX7vB6dzQFyNvibYy4EejeJJvpo06/8AoQFMj+J1jHfWNtc6Pr1kL24W0imurDy4/MbOMtu44FWtY8eeHdJuGh1HxDYWdwgRmilnG9A33Sy/eAbsTxWV8RZlmt/DDQsrRtr9gxdWDBlO/aQRwRhuooGd39oWRQNw5HY5FNaRLdck1TWPbbZXlgearXKtMrFmYYx8vrQBordJkY6NzU38JrKUM0YQsyoBwtTrP5duoY7TzQCLDyKFIqt524kK3Heq0MmWUb85FOhjWFy4ZskYoKJ2kqtLeLG4FPY7nFQ3Fmryeb+FADmuN3t71G1wseDu68VDsaR/LQ7SBz9KSSHzMANkd6AJn+5VVpVWQip0CrGU3e1QSWvJb2oAryzqGxuqGSTHPWoLhSJJB/CaVlUqgPSgB4fK5qP69KSY+W3HSoHuN24DrQAsvOSOgqFnpmWZfvVDA3zuKAHttqrL3pJpNrHPTNQtcH+FaoBs1VnXAyOtTCZnkKsu09qgmbbxQBVlXOaqSsxOPSrj9BUMjbQKAKMneinucsTRQB7Vs280vzbaX71N21JAirupWSnrT9vBoAqyLuYCp44lRfrTlp1ADVRafto5oILEKrGMn5SygNg4JB+agBeaX5e9eC6L8QvENxp8E9prjaprC67NYy6SYI8NaLIymQlV3JhV++eO1dtafGTTbxrs2tjdXVslnPe211G0YjmSM85AYCMHsT1oFc9GVqVq8qvPii2raBrCXugyW4OhDWYoFvBult2+UpvX7kmefcVpQ/EdrfxBomj+VBYW97aWk1u99IwWYuuGjjl+7uRcE55NAzvGuoY9m+ZF3MUBLdx2ot7q3vN/kzRTeWxRzG2/awOCp9CDXjd1epqlnoszada6fNb+N2gRYAW3FC25m3dz1/GpvD2uvoes3uk2KpZ/214uurRrgRDbAqxK5Kj7pkYrtGexp3Fc9cu7+Cxa3WaZIjM/lRq38bYz+gqLR9asNct5Z9Puo7uGKZoGki/hkUkMp/EGvLW8beIItfstNm1FW+zeK00w332eNPtMDQeZkj+Fl6ErwT0rM+G/iJF8Y6hpl/dT6Zayarf3GnNHLsS9kFwfMRz2ZBtIX+IMxphc90yW4Vc0M2OD8rejdT9K8r+M2uNbzabpqPcJcXVneNFsaQQNJsCp93mSQEnYvTPNc/ptzqN/qvhbVUik1uZrfTYLuwvUkjkUj5muIZRxwSfMB67aAuesSeKrXTfLbWCmktc35srVLiZS07DO1gF6ZHPPPNdEOgrwG10G/kazn/sO8uray8Z3F68LWZ8xraRHAfB4K52H2r3T7QdwyuDikxFoSYBG2o5JPMUAdO9RrMu2o2ucEDbSAtxNhsVKPvGqSyB1P97FSwzlFVWXtVATTTpCu5iqqOtQLdBwGU5U8g026k+6oVlyep6VM20Jj+KkxobHN5jEVJM3lxg/xE4qvbq3zMzbcsQB61PJGw2k4wDSGSqAsYztzjmmNIqjJ6UyXmQfKenameWzdfwoJJVuNzYHSpftKjgtzVXyWVkwvPNSxwsQD+NAEzXSqu7v0qrJcNvVV+7TmgkZjn14p0Nuyum7rzigDK1rQdM8QRtHqVqlyYzmJ8skkTf3kkT5kP04PesZrfxL4bmU2cv/AAlFgvIt7h0jvox3w/3JP+BBSexauzWxMhyzUNp6q28bs4xQBi6L4003WpntopWtdRjGX067j8m4i9Tsfk/UVq+c2VUjHPSq2reEtK8QW6pqdkl06HMMpbbLCf7yOPmQ/wC7171jto3iLw+26xuf+ElsF6Wt8wivFH+xN9yT/dkCt7saAOklbkfWuN8fT/btR8LaRLhrG81bNwrfxpDE86p/38UH/gNdDofifS9fuGs4ne01OMZk02+jaG4T1+Ruv1Xj0qv440C41PSre60xI5tW0u6W+tY5DtWchWV4t/bdGzDP94qKANYt50kqs7BSdpaMkYyO23ofeuB+Dav/AGBr0TzTTCDxFqMSNPKZH2rMQBk8k4HWu18NeJNM8UW7yWEu2VW8ue0nUR3Ns+ORIh5Ug8Z6HFZGl6fonwnsbxbvWJnW/vJLsR3LRtNLcSsWYRKihjliflBI7mmgK88Zh+LWntCDH9q0CYXAK/8APKdDF+ksldktudyrszwcH39Kx/CujXn9q3+v6rF9m1G+VIIbMEN9ktUPyxsRwXYszvjg5Udq6PadvJIPdlOcUMaPCfBcOr2fxe+JS6RpVhcf6bZtMLmcwkFrZfl2rG+7LZPUU34I6zL4d+D1i5sLvU7j+0NQb7LpkZkbalw5dhkA7Rz/AN9LXrGl+BNH0rVtX1K2juVvtXP+lzG7k/fMOFIw3ysF4B/hHFZupeEH8M+GzpfgrSre0juJS1wgvWhKxk/N5bEMd7HuOhJbtSCxwvi7wzp/xe8QaQ9vdvbPJoT6jpV/Cu2S3k86Mo4HYBSSfrVj4VXuv6t4y8SWPiOxWx17TNNs7G4mQZjnPmTkTR54KFWDEepr0jRfDFlafYb2fSNOstVht/s4ezUyC3jUYWONyAcAADJA6VsDy0mMnlgS4VXcDa21TkDd3HtTsM8u8ceEPEcng/X5J/HF7PGmm3DNHHp1vHvAik4LbdwFct4zkD698HkTUn02TdJJJNGqO0StZhVch1K8tlAWHfivafE1i+peGdYsoQrzXVjcQxqMAAvGyYy3TOa5fSde8V2Gm2dgng4ia3to4WeTVIUU7VAyMEnt6UhNXOG8d/CvRNBvvCzeVe6jNqHiRbrVrufdJLMjRsrtJ5YChB8oAwKh1LwbFpUPxD0G60CaZb2GNPDpgtmlUQi3CwxRPg+WUlBJ5G3dnvXp8WseN5BtXw1pNupP3p9aP8lh5oabx07n/R/DMS/3Td3TfyiX+dAzxzUPh34ujg8Z6UNLubnV9U0XTTHqMZXyZ5IV/wBJQzHo7YK+5aruteCbrxF4B8XS6b4J1iy1rUrBLQLqcu+4uJhwFVSSqRqpx5jEcjAr1Jo/HEjEC48N2o/2YriX+q0v2HxqzDPiDRIhjnbpUrf+hTUAcJrng/XNS1nxZcw6BcbdT8JR6TbvL5SF7jEmQQXzkFxz0+WtzxFpslp4F8EW95B9nvINU0iGWPcrbWUgEZXg4I6jj0rd/snxfI+T4v0+PA+6mhr/APHKoat4P1zUlsjqXij7ZBbXkN+IItLijVnicMvzbtw4FAHZR2qrGET5B1+tSPaxsuTt4osfM2fvioPp/wDrpl3JtmUA7R60AH2VV5HSopLMO24quMYp6z8EE+YAcZ9KV7qNTtoGQrZon3VoaBaSW8SPIB3HsKh+1FmKnjjNA7jvs+3mmtFUf2rdIgVvXNO85f71ADJIl/u1G0asuKWWTdIo/GiSXGSeuOKBkJg+YUkiqVI70izNtOevaqs0xwSW5FADGt4zkepqFrNCuF+X3p3mMzKd3XmpJZFjX5vvGgCjJasuF6iq7WW3J3VfE24EFue1QSNtbHrQBntCyv8A7OKq+T5kjEMwFakyriqbyLHkUAZssO1vmG70qNm9sVoNtPI61HIokXLdqAM7/lp+FRy4+b7u7HFWZYfmDDpUVwqnmqAyppimMrzVWS4ard1bhz8tVJbdlWgBivkUVAy0UAe37veo3utrBR1zT1t2dem2mNaMvTk1JBMso5z1qRZVVc1BHbybhleKlW2YZHqaAJYpFk5pkysZIiPu5NPjtyFwfm5p8lvuYe1ADGZduNy1GkkiqXQjcoyuc8YJ5O3tzVhrVW6fKfWkjt9p+/up7gcb4F8J3HhHw3eabdz296Li6uLtmhR0AEpJKknrjdxVHRPhvdWegy+HpfEdxPpC20lnbW4t1UwxuCArMW/eYUkD6V6F9n3cHoaWG1WObjrRYk4C6+EtlcQeXLql4ytpC6KwVI1JtlzyeG+bk1pJ4BsZHtjcSXl7FbvBItvO4274VxE+AnDZVefWu0aFWpwXYAFpAcHD8N9HhgUbLuYx6gdUXzbqT5JznL8euSa0YfA+iR293A9hG0N1cfa5jK8jgz/89Rlsg89RXV+Wr9V5pJIVUUCOebwppMywwtpNrJFbs0kCyRh/LZvvMM8lj3Y8nrUsPh3TbdohBp1lCEYt8kC43Hvnua3o0UgH0pWVd2PWgZV+zsybTy+c9KdJDLIqh5GIXnG6rXl7acV3KKdwM5oCfMC/x0RWsjTE/KqY/WrqKpmIqTZwaQFMWu5cs3zULp4bexblwBVl2VRTGm8tQaAGpZLGMFuDUsNsit+HFVlufOY56A1YWUeWcfMe1O4D5I91QND0+tPVn/i4pTL83PSkBKkKrgleaVl3VGtwp4+agTbmIoAmAVR/DjvQu2q0u5jx0pssvlmFdv3+PyoAuqqtz6Ub9zYqvZsyySq33e1WFjWGQt/z0NAD5FVV3UizBl3KtNuM7TtpsefL564oAmjcMNx61DNdLHIF27t3f0qNXbeFP3McVIIt8iZXkCgAa4/eRov8eaf5gVRu9ag8lvMRtrd6k8l5Y/7hz09RQBW1nRdM8RW4j1K0ju0XmItxJEf7yOPmQ/7vXvXOtbeI/Dcyf2dcN4i03J3WmoER3cYH9yfAV8f3ZOfeuwSEpGFHTHFH2RpMj2oA4SS48JfELUDFf6VG2twrgw30Zt7yID0K/MR7hivoTW94f8J6D4bIudM0e0sZwMGcJumPtvb5se1XNU8H2PiC3jh1C1huUQloywPmRN/eRhyp9xWOdC8R+Gxv0+7PiPT/AOKzvpNl2g/2J+j/AEkGfegDqra4DNhvT0I/nUrsJFIHSsXw74l03WrprMPLZ6pGuZtPvUMU8fvsP3v95eD2roFhEn3qGwIY12R0xjux81XvLVVxUJtY2kDUFFFiytsDFc91oaJmYqWyAMc9a0ZIQcFe1KkAIJKrmqAz4YysACrnFVJoJ5LhymAf9qt1UxQF+Y0AUFglaMhsZxztqn5LNJGkf3h1rcZai8v/AGakDNjjZZCx+YEYxTFtpGlbHC4rXMXyim+V6dO9AGUtvI0kSj5UHDn+VS/ZdqsG5bFXmi+ahk6UAUYYT5IV+3A21HcWfmMpHQGtAr81Hl0AZxsioKjpnIqOa1kZht2kdz6Vq+XTGoAx2s23PyrcCmvZyA7unGK1aYy7qdgMkWbRgYVc1H9hG4s/JJzitcJgGoJl6Uhozvs5V96r2xUMkbsxU/LWhtpjq2RnpQUZiZgym3C4zmqrKJEc+pyK1pYRJkNVZrdRwV4oEZwXy1X1pt0rSMDtq49vk5HQU1loAyJ/MVeBgZ+96VE0vzDnPvWvLGrLVdo1RTjbmgZUmZfJ3e1ZUkhfP6VsMu5aqyW6tztoAzFyrEk7jjpTWm6LV1rVSxK+nNVZLf8Au0AVZpP3mD0AxUEki7j9Knktfm/CqklvJuPy8Y4poCAzcmo5CDzTZIdtQtupgEiq1FRq23d9aKAPc8KtG3d81QPJ++2jp3qZlLQ4TripIJQuQMdaPl79aoyNMsQHmYpmXaTks3y0CuaO5e3WlLDyyzVRjDLH028VLbiR4nydwoGPiuPNBwvAP96nmRVJOcVBBCwQD/aJqRoGdC22gB7TqoBZvl7fWgTK6Gq32aQqpqaOFlX7vencklhO1A38NJJdJu+WnrG0ilQ2COaiWzZZvM9qQDfO3SD5tuOcVJJcedSixaR8mpPsbeu72oAjH+rFcjdfEi2sfihaeDGjTz7jS5NQ87zNu0q3ypjvkKx/4DXbrbkqA3GK+d9Y+GXinUP2jovFKy2yeXIksFk8mHeyj227EN91dwkdsHmgD6B+0StwetO3SKo757+lWFsolkZ4/mPTce4qZbddhx0oAoBWDk7u1R+YzPEu6tNY1VcbetKsajjatA7GbNHtUABmI5psf7wYPBIOK19u5cUyOFQ24dRQFjChs5GjjG1tu41fjtGh56g8YrSkjy2fWnKi0CKggZgFI2gcU77LjjrVr+KnbaAKMlq24Y6U77Pt69e1W6ik+8KAIHt2YZHWkEBkAL9R0qdqRetACxQqqc+tL5ayPkrwKfH8xxUqqrHFAEZjUDG3rUUkPylc7d3Hy9atslNZaAK8dv5MarnOOOamEfNO+7T1oAaqUrRYbNP5pfSgCNo6VOBin0q0DTsNp6r8tHFG7YQPWgG7lHV/D+m+IrZbfU7NLtUO6N2JWSJv7yOPmB/3fxrF/s/xF4aOdPuT4l05eRaXsgS8jH+xNgJJ9JPmP9/NdO0yjjO2mGTJBzmkIzdF8W6brk0lpFLJa6jEAZdPvY/Juoh6mNicj3BxWyepyAD7dKyfEGjaX4hs0g1K0S6MZ3RSZZJIW/vJIvzof93g96xVh8Q+HPmtrj/hKNPXk293IsV9GP8AZkPyy/RgpPq1Mo7E/MMU3bWFofjXS9euHt4Z2t9Ri5m067RoLqL3MbdvcVr/AGxN21xg46CgCb7tLVcXS+YFp1xcrCoYjJzgL61QE5+6KSqpulZeEwfSq76n5cgQLwoyfxpMC/uU5FI2F4XvVPzPMUn1XNRQSLCiY6kmkBf6Up7VTW4ZmQHpzTlnbaaALAZcmkkbbVJZW+bHrTZJJCrHd0xQBc3+9Mas+S8l84L/AAjn7tSzXDGDfEQr4/iWgCz/AAmoGqlBeTOSsmGyOWFDXRTKht3HX0p3AteYFzkqoxzUCzJIcKc+9Z0k0i9T5g9W7Zp0MxikQGkMut96mzSBVJJUAdW9KhurpYzy3J6VSmnaRWUtuHpQO5ZDo43Kd3v61FIQeaoRztbbQORzxTftLSdcAUCLe5dpqBmqHzutNaXigB8jVXbvUc10wbC9O9QSXTMxH3eOtBSFf5sio5Pu1C0ucktyBxUcd0WXDtxQAO3JqvJU+9JMle1VpG6569qAISvJqOT2pzS54NQs1UBXnyuDVKZVZqvS/dNUnWgCo0arIaKlkXpRQB7W1mrNyvNWBDtTA6ipaRulSZEYgGBnrQbdcinrT+aAI1hVT92pFX5fu0DdUm2gBqr8tHl7lp6so4PWlagCJIVxT9vSgMqg05ZF27t3SgAVNp460fxUsMyzZx1FL/FQAsn3aEXpQ0iimLMpYqG5oAfJXKzKB8TrQ/NuGhzfrcxV0Vw/lxsQdxBFc2swm+JgYlQ40Rto/wC3hM0AdeoKrg9aKr/ao143bs9qkEq4GW4oGiRdu40q1Xe6GdqfMf73pUoYqmScmgZN97ijOOKq+f8AP+FDXDbVPy+lArltffpS7etVJp38ptvXipo2cR5PXvQIc3v0pQ20VXlmZoz+FI8jKfwoAtq/ymopG2/N68VEkm4L9KWY/dUdM80AP+XaPpUTN/wL2oMJUnHXtS+Uf7vzY5oAsW7L5fpSmRVUktz2qOOJtopskMhKf7Of1oAs27+ZHn0NRTXixsQFbOcfdot7d44wH6c0C0/dgJ06mgBVuGdtqrtxxmpGYqOetNjg+Zj6nNTGP92w9qAK/wBoZFdvoKabhvMfHVQKdDbiSMIVxg9amjtVjZiv8fFAERkaPI9qdHuK5LcYqaO1UDO2pFhXv0oAqc/3qkVmbaD1xxVprdcfdoVEH17UAZssLPGvsc0i7pSVC85zWns65oVNvNAFJo2ZX+X0qHbLHKNsbVqhVkBPpTdirzQUYmt+GrHxREseq2SzlOYpuUlhb1jkT5kPrg4PcVitpfifwuv+iyL4p05eRBcukV9GP9mT7kv0YKT2JrtVZWOKWRlAoA5fw/4jsPEF0Y7edoLuEfv7G7Qw3EP+/E3zY9COK3JoWZh/9aqOvaFpevLCmoWf2iRT+5njzHPEexjlT5l+gOD3FZSL4j8MghN3ifTEPyrIUhv4lHo3Ecox67WPbNAHRC1bNMbTwzOx6sAPyqronizTfEMrJY3BNxF/r7OVDHPD/vRn5x/KtaSQBsEr/u+lAFY2ZUg7tq4xj1pPsgGAOlWPMWkWWP8A2aAI/seOA3B60jWgRfl3GrKyK38VQ3V1HAwBbntQBUhtWLNv9eKebXk8VHNdN50QDcPSrfRnkMuc4NACNZqGyVpHt0ZSrLuX0ofUFWUxnJPZvSoluvmYdeaAA2kSAKi4WmGzTB2rT2uk79aa15HQBA1qq5+lVo4duflq5JcLJgfjVWa+jVto6/7tAFO4gaSTNRx2o5Zqna8jUlmb5Rx+NVlkVWlJLMAaAHvaRyLk7s9qjeyXA+am/bP9KbnC46Usl4Cu1eOM5agCP7L8v3qgms92MMyDv71YhuRJHzyaQSqwIoAoSWhT7nSqc9rJIcjoK1Z5Nq1DnzFzQBly2snl/LVJrWTBzW1Iy1Xk20FIy4Y5Ec8beOtQXMTB8/Mc1qstVpmUHFAzMZttVppfTrWmyq1VLi3Xd92ncCqCxTNVZJijHNXZI8DFUbqEsDii4FZrjcaKgaNl49KKLge++ctAn4NRNatz3ojt2VTnr2pGQrXDfw0sdwf4qa8B2jLc0eT8q/SgCb7VtY/3cU63ufMYgdKhW3D/AChsDvViG1SHO2gCNk/fFvambmyKteXupyxKnB6npQBX83auDUO9l+UdG61oLCBkbeD1p3lL93bQBXtOEIHXNPuJMRsF+93qUxrERjrRtzzQBnxyFmw3Zf51LDbLGuQvNW2VeM1KirxnpQBS8lnXjpnmuba1dvikqqv3dCJ/O5FdjI2OnSuchXd8Tmbd/wAwRP8A0pagDWhWSCMDbT5I5ZJARjp/FVsdBUcknksCep4FAES25Xk9e+OlWfLZowB8vFRtOFxubvUq3Cr/ABdeaAIDatkfNUi2dPadF5bpSrdIy4WgBDaqqqfve1S+SuDkcVG10qpQLhXTigByqtO8hTztqqsm25znPFWI5vMkA6UASLAtHkqtTt2qncSEM+32oAsKm3mkbbuqH7Ud209cUCTaKALBbaKTOeapSK02TvYZI/SnNIfnGct2oAuFtoFSxHODWaA6s+9v3nb6U87mkcgs3AFAF92Xn5lpiTK7Fd6+m2q8kTxBc8Agg1Ss4THeQn7sak8t6mgDXZvLXdjHOKa0iq1E0PmRqAdxU54o+z5bdjGRigB3nLtpkMu5iPeka3bbsB2inW1oF6nK/wBaAJZZ/LUA9e1QLK6sSFXpVg2okbLtyKURbSSevQUAVmvCuNy0ktyXj46U9rMMRubFKLRdw9uKAJLX/UDd17VVuGk3yN5mBuwKvjCgKtMW1iyzbfmzzQBAzlgw6Njr61HGrrty7MSM4q0FVjipCi4oApLHhY23Ypoj8wtjrmr/AJSquaaq/N+FAHN694bsNcNr9tt3aeN/3N7bsUmtzj+CQfMvuAcHuK56JfEHhMbpB/wlFgHySEWK+RSx5K8JMB/s7W+teg7VdiDTJ7VZAEb7oOR9aAepg6D4jsPEFrcGwuPNeBts0ThopYfaSM/Mn48GtHy5G+6mDj0A/lUGteEdM14wzXUTw3sAxDqFm5iuY/QCQdvVScH0rLjl8R+F1xeR/wDCT6an3bqyRVvEH+3BwsgHrGd3qKQLQ6KzjdPvDbSX1sZtjIGZhmsO4+JXhi2s7O4k1iJLa8u1sVkbKmKdlZgkmeYyduMGumbqBjGe3pTHuZCW058tpFyV7UxtPZRuIxls4rbprKtAzF+wTfMw2gbutILV41kICl25+ateRljhZs42jOPWoIZPtEYfpkZoAzks5cky7euRtpbizfa+zrWhtWmtQBki1dMtu+bGDVaazbcNv41tMq1C+2M49aAMWfTjNC0R/iO6oVtWiaYjo/FbrR1UlhXzd1AGVLY7kbHVsVHcWssmeMEDAHrWoq7mP1pWSgDD+yS7QWRhgUvkyCRGHTFasnv0qPbuXigDGkVssT8x7CkiR1hJYbavPCquTTWX16UAc9cbmmIO4jNQMzRsRubrW3cKu77tUpI13HKrigZlu0nPzUxpeOfvVqeUu37tVZoF5x1oHcqwryW9Tmq15N5ZyV4qwU2krVW8gMsLqOpwB+FAXKpvVYHFQSTK2MNzSG1lXllqF4cZagB0i0VXkDfeFFOwz31ZFX+Kq8l1+8ZCuR1qqzSbgQrfMKBaSMeOpH8qRkS+cxCkfdq1ndGtU2V5kVGDLjvVxRhQAM4FADFmWOU/NUyXEbxkjqDUU9tI+1gOO9ItvIoJoAtfaE2/7VMV8tk9ajjgkzVhYSvVsn0oAGudoIHUUxbpu689qc8OSDuxTWg3Nw3NAET3Db/51GpkkvIzuXAzirf2UMQH6Uv2ZFYFe1AC+ay4FMNwyuVLcVMYhIAPQ5pZIVZgaAKcjNJEydehrBhWT/hY1xKd3lro0cW/3M8hxXWNCuPu03Yv91aAK9vN5kihWzycipLxWbyVVsDfk/lU8abRlVVfeloAyFj+VwyMSW4NWJIpNyIkTZzkt6Cr/wAvfr2o3KtAFO5t2ZVVFwQ2SfUVIsJVjt9atxyLJkDrT/LUc9xQBVS0ZvMZhkuAAv8AWpY7dlPByMc1K0ysoAbnNPVh3oAg+yszbvanQw7X3VLJIq4+ao/O/eIA3BBoAs7+tQSQqzZ3deabHOu3G7pxUVxcOrZj6Ac0AS/Z49wYjJ7VL5KtTLaQyRq79cZqYSrkUAItuqg5XinKq05uWBpkkmGoAVlXdTtm3mofP2h8deKUzMQTSAkZgrYPpTVSNuT1HSoFX975ntig5xxQBaVvmNSbqqoxxz1xSbim3DdRTAtr8pyelDS7cAd6yTGXuINzNswd317U6Eldsb7s7iTQBrq1JJJtVv72Kjh/1f41XulZmFAEsdwON7fNT1uFqsqsVAHWpli6fLz3oAGuEZiN3zUi3BVULFm+Yiklhdn+5tXHVfWiO2dVAb5ec5oAVZlVjngZoF+qycKwC9TStbMzEk5BNH2XdhR0ByaALJceXkdCKqNdZyNvere35dp6VUa08tydzH2oAZBIyrwvViaelx8m1jtbNSLbqqYHUnNK1uBgt60AQG5k+b5lO04qtJqDrIxJ2bADn61bkhUMQu7BPNQTafFJuDDdux+lIDxX43fAyX4u3cl8PEUOnSRLiKGTT0KsNo5aQYc89NwIHatr4NeHfHvgmzfw/wCKbiz1fSbSHNnqUN0S6DoIXBXLDHRjyvSvT49MhEjsq9cfpVpoEPIVcd6Y0UYWdplJlZgwyauyNtQ49KFhT+GnMvFAyhjfn6UjN5cII3Z6Vc8v/ZoMatx3oAzLmZoTCudu+o5MtH5m5i2a0mhx16VXdVzQBmPcFmH15pzR7lY+pq2yrg02NtrbaAFLYjx7Vk3Uu7zM9QcCtmT734VnSLiQkrQBmXEjnzAh2nGajhuHmkwX3FV5rTWNTklVxTPs8SZZFVW77aAMp7h5dzK2EX5fxqKKSVW/1mRjkVoTW53f7LcmvKfEnizVYfiBqfh+DVLfQrlLaNtFgu7YPFqbMhL/ALwtwwb5AF9OaAPRzM20j5eagkkmVk+bjnFWrVGeCFpV2yGNS64Aw2ORxx19OKdLbKy0AZ32htvPXtVSZizM5VsAc1oyWa4ODtNeWeJNPPiL4yWuh6kDcaNZ6L/aENpMSIZpmlKvI2OHKrwAelAHb/am/d7Y2MbDr6Ufa1Zcjoa8r+Kng+PwX4bvNU0i5vrZH1Gwxa2s0geIGUJIke1sncDkIvGcipbXX31P4raZptte6pBpx0qad7OeCaFTMjqiEiRQejfwk+5NAHoElwGmKFuOtDlGX5WqGS1k87aVIC8ZFJ5O1f4qAEZlPA69KryR0kibWJHWokZtwoGhssS45WikuZNpop3KPcVhp+Nq89KbM21KrKXfp0pGRHO+JgOxqzDIo4qGSM7iW9KjjXMamgC41zhsbc09ZlPOVFVNhb5RTXs23MrDcoAP40AaG5V5+U00XS5/Gqhikcr+7bj1XipfKbI+WgC20qbNzNUcV0m7A6npUHks0nK8Yp0dq28Er8g6fWgC60g8ss1UheR7z81W2j/dMp61VazaTgdMUAOjmBXKttqVrgrGMDJAyTUcNgyrg9MVYMAUBT0xtNAEkUgkiVxyGGQKhY43Hpg1YhjCRhV6AYpVg65yQ33gF+owPc5oApteMvReMc1Etw/mbg2AVzXCeEPHGqePILS/sbfTZtLe9ktrq2WVvtdmi71DTA8DlFJx2cV6Otoqscbs/wC3QBUiaaUMW2hexqVWeTainvVxYF2/4U1fKtd0szLHBGC7sx2qFHJJ/AigDk7jxsi6xfaZpOn3Wu3dgR9uFsI0htyeRG7uVy2PmKg5wRVKP4prfal4esY9DvIX1t7mOI3UqxmJrf8A1nmKSSpA54Jzmsf4b6vb+A7vxVoviWQ2Vw+s3OpW15JG7RXUExDK0bhcFgARt60vji2/4Sn4ifDyZrLV7S2hF89xNFHNA8IlQLGzMgzHvIx8xB9aAN7Q/Fr61441nw+dPNt/ZMUc01y1xuD+aMx7V2jB2qcjJxXRxyttTdknJ3qB09K4Hwh4cvdH+InxBksbbULazu7ayWz1C8WSVXaNGWQq78uVJIA6V1vw31a48QaDcS300k13b3txZyGa2FvLhJDt3xjgNtZM44zQBtxrKzxsy446etJHDJJMp69fl9K0Nobknn60L8poAqQ27f3asGHcD8q9MU/zdjgHqelTLnndQBWjtTGoA6Ac0NEd2QVCgFtzfdUDqSe1W+BgDqelcZqSt448SahpEzsPD2kmMXsMbFTf3LIHEJx/AilCwH3iyg9KBE03xO8M28zwRak97JGcSGxtpblIyOu5kDAfjWhofiDSvFEMk2k6jDqIjY7/AC2IKHuGUgEH2wKz/FnjyDwNaPDZaJqGp21nb/aLiLR4kEVnb/NycsPmIVmCKCSFzUHiTT4vEmiw+K/D+xPEEVmt9ZXX+ra6jKBhbzZ+9G6k8N90nI60gOpFvx/vGpXhWRRu3VW0TWINe0PT9Vt8i1vbeO5TIIIDqGA5+tYHxN8dS+APCz63Dp/9qJHLFC8Zn8psySqiMGw3AZhkYpbgdQsSlse2KkW3j21w/ifx1qOi+NPB+hx2dm8etvNHJI8rDyjFGJHIATBGBxmuj8TareaT4b1a9sTE15a2stxD9oQuhKIXwVUrnOOvamK5rKijioprXdJuHTHNeQaZ8aNQ8QeA9YnWKLQfGOjiMXthNGJYtrMgEsYJJMbB87iTtyBXpGo+MtF8NutrretWdjdKuD9rmWIvj+Lb79aYXMy88S6rJ4h1TSNG0GLUG0+OAz3NxqK24BlQuoUbG7Dmn/bPG/GND8PwBjna2rSvj3wsNcpa+KrbWdb+Jl9oGqpLHHYWjx31kykJIltKdwJDA4KYIxXJeEfiF4gvrXwHqGl6zfeJ7q8tvP1+xSOORLVPKDmRHCKIpBJwqk9cjFAz13b44l6S+Grcd9oupT/JaSTTfGsg+fX9Btx/0z0mV/8A0KauX0X40Sa1Y6RcQ+G7m2TXSkekC6mhjS5O2R5HOM7ERUOSQMk8VU8Q/FrV31Cx0ix0+DT9aj8QW+kX8F5J5qAOjyIVYJkxyKv3iPl+YYPWkB2Mfh/xUzfvfGMKDH/Lro0S/wDoTtTl8LaxcEM3jjUiFJVhDa2qHP8A3w1c5p/xN1nWtathpXh+a+0FtSk0+e8RJC6BHaN7gMR5e0MuNuSx64rAh+Imr6boM0ukaXo9nczeMZdDkhIkMR3vgzAgqWcuCT7mmFzv5vBVzJY3L/8ACW+JHljidl23EUfIQkZVYl4q/wCA9Tn1DwH4avrqVp7m4063lllkOWd2iUsxPqSTWZ4B8Ranrlp4rtNXe1lvdI1O404z2iusUyiFHD4YnB+fbjJ6U74b7m+GnhEKv/MJtM/98LQM7FX+Uc0vmrg4Zc0x1UEEBs9DUbWn7zcF5xQBJJIGXP8AEKi+0Hbz1xSENtJC8DrTPL8yRD7UAPgmMiEluQf0rGvviF4X02/ks7vxFplteRfft5bqMOAenB6GtRtyx4Rec8/SvA/iBq2t+Gvi94rv9D0O31qSPw1ZvPbTSFT5XnSBmVFU7+o3DI4AoA93utc0+z0s6hLeRCw8rzBc7wUKnkHI65Fc9H8SvDuq6lpVpa6qDLqEhSBfJkQT8bvkZlCkYVuQSK8b1jS9M0b4YfCqCy1GPXPCS61FJqN66hYpQxZwsi/wRiUnKtyBgGvcfEGmx32n28cksP25ZHk0xpJQuLsxuIwmOCTuPAoAo3/xM0Sxub1Hnmmj09il/dWlpJcQ2jAZYO6KQCBzwRjPNGtfFTw/oMmjLd3rQw6uQtleCJmt5SewlX5c+1cr8Bbq3034SaXDfvDb/wBlpOmrRznY6TCR2l8wdiwIz6jFcN4L8GprHw98C6F4hQLa6hfapJbWs+Fdbd1ZoiAeRwVIxQB7lqHjK00vWrXSWs9Qub25ieaFbe33owXbuG/d1G5eP9qsXS/jBpGteD9T8TWllqkml6eZBJuhVZG8v/WlV3fwdD9K4jwDb+IdB+KWk+GPETm6t9N0+6ex1qXI+1Wxe3CiQn+NAgDe1ch4D02e++BviyePxTLaWqPqqmwEcLKcyOQrMylv3nbkUDue/wDhnxdb+K9FtNUtre4trW7hE0K3IQO6MNytgcgEEVoNqDGTaEXLAsMN8ox1Nef/AA30OTxJ8I/CP2bXLnTGXTbcSXFj5LtuRNpViwYA8fWuk0vwLeadqRmk8VatfL5Mkax3vleUm7C7/kRTlT6+tAXKVl8RF16TU/7E0a/1uLT5jDNdWxjSN5VB3RxhypkZcEHHTFYVv8aIbzUPDVkug30cmv8AnC1kkeJQhiOJRJl8qVAzx1rK+DOsWHw58Gp4S8TXa6Jq+lTTI63oMSyo8hdZULfeU56jnJxVH4iNa6z8SvhoyXd5pcOL5jJDEYJYt8YEbMGDbA54BYZPegR1Fp8QFuPGl34Zj0y6jubNEu5LmWSMxeS7bUIAbI3Hjmuthby5c7t5A5rynw3pkNn+0DrVq2o3eoJJo9uqzXrhi8yyEtEHVNuQvb2rtJvhvJI7t/wl3iWIOxYxx3cYUZ7AeXwKAOkkvGYenNDDzF3jr0rmG+G1ztCjxn4pAAwA13Cw/wDRdLH8N7qGM58a+KFyf+fi3/8AjNBRsTyeUQrdc8Vn654m0zwzYve6tdx2NsDtDysPnbsqD7zMfQVRb4Z6hNcps8d+JASwxvNqwJzgA/ufeua+Ffhe21bQbbxNqbzax4kuDMp1C/kMkkO2R1URrjZHwn8Cj3NAGpa+JPEHiS6hltdMGh6EsgZpdSjJurlMciOEf6of7TnJ9K5b4keGdd8XaXr2kzaTY6xa3L7tJunuVjewcxrtY7lyNrgkbeT3r1me0d1JNUmtWHFAHHz6xqfg7TdJF5aT6tpkFokV5qNqfMnV1UAuYj8xUkEll6d66DT9csdb02K9sbqG9tJv9XLC+5G9vqK0QkkYT/Zrh/EnhH+zRf6/odx/ZOqRLJdXEe3da3u1GYiWPpkgAblweOc0AaHibxdDoNrGsUL6lql2xSy02PG+5bvyeFUdWZvlVcHqaxZfBp1qz0661vVWOv2cjTJq2nBYzb7uXiQMvzxAHG1uTjJrA+GOqrf3H2vXopoPFuq24lMt0oETW/VEtSPlMagg7R8xYktzXockbv8AwMFxyOOPy4/KgDj/ABH8PJPE2gzWF14jvWeSaGc3EkUbbfLbciqqhVT5s5IOTUHiDwrcTeMNN8RS6lDHb2NhNZSRFGjch9rPJu3fKNygY7V1kyssYK7toqK42yW/zAFehUj7wPYjuKAON8BqbW68QaftH2WC7SS1EVy00SxPGjAB2/iJDMQO711bruGM5qtHaQWIYQQRW8RY/uoE8uPPrjuacszR7idxGeh4oAJo127dtUntvLOVp/2ySRido27sUTyrz9KBoqTR7gfrRQ0xwAvSigo9zVQVJPzH0pjBV9qjEgaQFfSue+ImrXWk+Cdbv7Cf7NfWtpLNFKqBgGVSed3sKDI6mOPzFz8tJsVa8d8AeP8AV9a8TeH7e21lvEdjNp5udabyowunybFZAHVV5dmK+Wd3Tqa1PAusan8S/DcviG41e/0mC8lmWwttOZE8iFJGjWR/lw7lgxweg6UAemb13bR1qTy/4fxrybw5Pq3iDxhd+HtW1SeW38O6fbrcSWsphN7cygMXkk+9tVRjA71ga5NqlxN448Jrq+pRwabPp72F8JnFxbfaWX5GYff2/MRu5I60CPfI9uOOtNbHcqo7/NXh+l+I5tc1zw/4b8WgQeJtLv8Abc7XdY7yAW8rLOFHDLlVJz0IrD06a4h8A/E6OHQXuYZNQ1GL7Q1xEqxKi5QAM24hDz8tArn0auyRP3bK+04JVs4qXcBxurzfwR4i0rwl4K8M210Jo/O063lC2tpLLvzEpZj5anqfXmtM/EfTZJJDDYa3cH/pjotwf/ZaAudlLLsAHqacso71xbfEASLiPwz4mmzzn+yzH/6EVqHS/iFda3a3Fxp/hDXbuJHkjaSYQRLuRirphpOSGBH4UBc7/cu2oZZo42QlsE8Y9a4v/hIPEjyIyeCtSYoTnz7y1j/9nb+VUdf8T+K/D+kXmrT+D4VtrWN7mTzdXjJjVcHLCNeRjHFAXPQrq+tdNtZbu8nhtLWIZknmfaiemW7E9h3rE0bxXP4ka5lsdNmt9LELPaahefuxcyY4ZYuvl9tzcHtVWHwTLfXVpqHiWdNYv4XEkNrtK2VmSM/LFjEj/wC24PqMV0qxyv8AM2f+BdfxoC55Xb+Eb7VfHHhjxHb+HpPCmsRSH+3bkSRrFeQleYiqMxlJbn5lBHc11dx8QD4fvGTxFps2l2jzMltqkDedbOpPyiR+TG2MZ3DHoa6yO2bcG+XnJqJrWSZVQ7THhg6EfeU9iO4oC5NHeQSW4uUlja02GXzlb92VAzke2K4uJ/8AhaF0lxPG3/CGRPvit5Bj+13Xo7j/AJ4A8qP4uCeMVzfj34dC1ufD+k6Dd/2Vb61fNDd6ZLJIdPudkckwDR5BVWMe1thHUZBrrLHxt/ZctvZeKbM+HLogJHNJl7CXsAk3AU+ivtx0GaBnZfapQMsGX8cfp2qtNeMs0aZY78mrLW/mW5Dn5cb9w4XHrnvWOdW0i4zO2rWKrGrBi1xGQuD3JbigC7fW/wDaOnyxmWaBpl+/bSbX4P8AC3Y+tJpmnw6RG1tbgrudppHdtzyMTksT3JPOfeoLjxRoFjpcV9Lrdgunyv5cd010vlO3ordz7VqWMULIJo380SLuDHoVPINABCPMy1RTb/tCIrYyC1XY4xH93ge1OktxLIHZVJQdfSgZmWrPLDC79Sc1ZZfMjK7m65qz9nXI4zTtmOKAM52xt+orlPA5jsbzxfaz/Jexa7NPJv7xyxxvE4/4CCv/AACu8aNcVy/ibwrc3WoDWtDuYrTW44vIlFwpNveQD5ljkI5BVskOvzLnHSgRzfxQ8VWFnG/hu4+1BtUtylxNb2csxhtiCjKNq8u53KP7o+btht6bXLTSfAI1RLWWz0+1sRNDa3EZjby1QCONlPK7uAAeRmpYPFHiKCNo38F6mtwnAFpe28kB/wB2TzBx+BpIfD+p+Ir2C+8TLb21tayCe20S1czJ5ijIeeQ/K5APCAbe+c0hbE3gnQbnw78P9B0ifcL220+GKbzOqyEDcp+hzXL/AB40HUPEHw1utNsbC61G9uLm02wWUbyOVSZXkPHQBFbk/hXpw3k5JyfWpNu3mgNzxTxD4AksviV4D1fRNAvms7N7p724MjyFFlgMceRI2RhjzWzJpPieS+8S6edTk8Q28mjS27wlEiit72XKqkbDGE8sln3EkZQn79ennDPjBXnB55wR2PasPR/A+kaDfSX9jbzrey7y0kt3JKu523MVR2KAknkgD6UwseffED4PXHjDR9Hv7fbpXijT4oopWEgIuYFI8y3kZT90gblbt0r06C3juJ5JJIUkbcSHkjGevbPNagXK427Poc0iw7eetAWPNp9GuNU8WfEqxsTHHc3ljYQqZQdgZ7aRcsq9cDpW34K8I3vhfwDpnhuW4huLmxtBapPCjFH2rtRyhwc9Twauap8P7HU9cutVGo6xYXN1HHHOunXpgWXYpVQQvXClqryfDPR5Mma81u6P/TfWbn+kg/lQGxgab8GzY+FfC+mDUj/avhqQSWOow22FPylSrxsxY7kJHUdKs6h8IbK+V7i61K4t9ak1eHWX1O2iRW82JNiKsbghUVflVck55zV9fhP4Xkf97p803tcX9zID/wB9SVei+Fng+NQo8Maccc5liMn/AKETSDc5yz+Gvhvw7ql1dL4guoNMuJ/tk2ky3yfZDOSpMv3cnLAEpnBPOKpt4V8AWcAjufEsZi/tb+2tsmqQj/Shli2cDuTxgV3UfgHwrCwMfhrSIz6rYx//ABNX4PD2kWYxb6TYRAc/LaRr/wCy0wOH0zxP4A8M/wBsy2niaw+0apNJd3e6+ExaZkC71UcA4UDArd+FUP8AxbXwgrxlSNKtgVPUfIvFdLHHDkLFFFHjnaiKtTbvbFOw7jTDwMdKNu1akPQUbcrj1pDKE3WkVetXGjWMU3atAFVVrEh8G6Ta+KJvEUdvJ/bUkXktdm4l3eWOQmN20qCSce9dLTGjVvrQBzum+C9A0u11G0tNItYbXUHZ7u1WMGKZick7D8oOT25pNF8C6F4ZuFn0zS7a0nUbUmT53jHohbp+FdItuu2jZ8tAHN33g/RdQvze3Oj2M958p86a3VmOOm7+9jt6Vcu9Hs764jurnTrW4uYT8k80KNIn+6TyPwrUZaNyxrj1oAozQCRiXRW2jB8wK2B68+tMi0+3hyFtYYlIAKrGvQdK0RtwPlpu3dyKAGrGFzhFjzyQtL0BFLQWP3VXLZxntnGefoKoDmNU1m6tfiBoOnJJmzutPvJ5Y9ufnieEIc9v9Y1b6nC49a4bT/F03jTXLu+8O6HZXtppDy6fHq+qXLwee/ymaOELG+VBRckkDK10XhXWr3XNDW71DTP7KuhNNFJZmYShTHKVxkAA5xnIHNJgazbiuNzbaryQ7hkdBVle+/rUTZ3HHTtSGisy1FJJsqeZhuPqRg+me2a4Hw7401XxN4k8WaL/AGdZ282hzpbrL9oZlndkLrkeWdqlevPWgo7SORZJosNznH5muD+D6hfA9qG/huLtPyu5RXLf8Lw1CHwBb+MJfDaPYyXzWj21pes9wio7qZADEA+Cr8ZyBXTaf4ssbGPwxD4csLa70XWZZTDcRXRjVM7p3bBUkknccEinYR3DbI1IXvVO4TcwPpUpm3D0qGSTappAMaPcuD0NYevwbdK1IDobWYflG1arSM1V7yETWtxG38ULr/46TQBxXhXRdP8AEnwy8O2epWkd1anT7chZB91vKXDBv4SOxpbe31TwY0323URqfhm3hkm+23chN3aKi7tjY+WXPzcj5u5qb4Xs3/Cu/DLr91rCD/0EVqeItLj8RaDqekyMUW9tZbRm9N6sOPbBGaAOKj+IGvX3h1PEsPhqFtJmRZ4rdr8i8MDEASlRGUwQQduc1JYeOv7SuvFNu2jXEL6BIqy7JkJlOzflFIUg+XjINM8I61qHhvw3YaHquhaqdXsYktVeytTJbzhAFEiy/cUEDOGKkZ4zXK2+k/bPGXxNmmv9W0SCV45ozbs8Ucyi2CMQGX5vmGCe9AHf+GdctvFWh2es21rPbW93H50KzbN7J/Cfl7YxV17Vfn9favOPh/4sk0H4Y+CUS1juLeSCCwmlF0qyRTEhNqx4O4rnL8jA9K9OdeTkbR6elOwGNNb+XIhVeM81FdW7NJuXoeDWncfpVaTtRYaMprdo2xt6DFFXX+biiixR7FFY+W2d3bFY/jXwrc+JPCOr6PaSQJcX9tJbLJc52LvUqSNvfmuldeRRtpGR5lpvwtvNA1bSNW03U4rO9htY7TU4wjSQagiLgPjswHerXhz4Y3fhCG4s9F12Oz0iWZpktbi0M8tozHLCNgwBAzkZBxmvQ/L3U3y/LbNAHKzfDtbfXBq+kai9hqjWyWdy80SzrcqpypdSVAIOearSfCuxkspovt919su7yO9vtQEatLcSRuGQMCCFRcKAATgdzXc53U5VXbQSzC1Pwdpusa1pmsXEDHVdOEnkXCBd4DoyFGBXBB3ZGOlZVj8K9FsND1XSFmv5rLU5pJ7rdMu5nf75UhcjcODiuxHysKftzzQIo6JpFv4d0uz0+xaVbW1QRRo8hd1UAADJ5IwB1q8zM3G405U+WmMvBx1oARAGkXdu4YH+dcp8LYwPCbOv8Wp6gf8AyamrrIVKsAfr/OuU+F7Z8FxMvQ31+D/4FS0AdZ5e+uX+Kke34ZeKPfT5B+orr8bc1yHi3VtF1q+n8C3d+1jqmrWm6EGNl3pkEsjN8rkEYIHIoA6ySPbx6KBTgvFZemeILfVNW1Sxjt7tJNOdVnaePbHuKBlUN33A5zWwI9vA4A455oGR06jb/s1J5fyj5e1AWON8Xbm8X+Bh/wBRC5/9JJK6m4tIr63lt7qOO5tpBteKZNysPSua8WceNPAYK8/brrH/AICSV1qr8ooGeU+N9FsdH1z4feELSBrPwzq+p3E15aiV/Kl8uPclvz92Nm/h6cV0/irwbo0Nje6mtjb2l7Bpd5bxvHCiB0aPBDqv3tpVT7Zre8ReGdM8XaWdP1W1F1b7xIm1yjxOOjq45Q/TrVWPwRpjW9xHdG91IzRGBp729lll8s8sqktuUE9dvXvTsB4ZdJrcf7OHgpZrfTYdMVtJwY5pXmx567cptCg+vJr3ebxMIfFMOjyafejz/O8q8ZV8l2jUO6/e3ZAPUKR7mom8B+HDoNnoj6PDNpNowe3sp2Zo42HQgM2Djtnpjiqt14WuNQ8V6TqTwwWi6TIzW9zb3DvPPE0bIImUKABuOeWPKrSA6pY/4fTjrn9af5e2kX5cdP8AgJyKeW4oANu7p1prccU5O9NagB23coqNk+ahs/w0iqdw3UDJI13HG1qUhVJ3AL/vVX1KzhvrOW2njEtvKv7xWJXvx92sdfh74ajYk6DYSnv5sQk/9CoJZsXGpWdr/rbu2h95JVUVnzeL9DiYrJrWmK4Gdv2yPp6/ep0Pgrw/EwaLw/pMR/2bCNf/AGWtG30ixtP9RY2kRP8AzzgVaAMBfiR4WXIPiGwYg8+XMJD/AOO0sfxC8Oyn9zqElyf+na1nkP8A47Gf510u0x8oAhH90baVZpT96Rv++qAuc23jzTWBEVvq8x9I9Juf/jdOTxkZE/daB4gmPbOntGD/AN9Fa6QhnU/M1RbKAuc//wAJTfyg+X4U1pmHXzPs0Y/8emobXNcmUeV4TuAf+muo2y/+gu1dGsatinhFBIoDc5iK+8Uu3HhuyiPbz9WH/ssTVOH8YSAltP0GH03X87fygWui+Wlb7tAznFXxYy/M+gwN7JcS/wBVzTlsfFMi4bWNKiz/AM8tMlb/ANCmrbCruFSqNuaaA8H+N3wq8b+NtQ8PR6VeQ3Nzbu7S6hCg0wQRn+AyLKzNk847de9dF8JfhX408GXNvP4j+IV5rcCLhtKWIPEeOP3svz4HtXrAG9acG2gCmAB92BjH0qKZtoqTbnmkZakZV83060jS/wCzU+2uT8Uaxra+KdO0TR20+D7RYTXss19C8ufLljjCAKV6789aAOkEvy/doVt3Neaaj4u1LTdQuLO+8eeF7O6hwZo00yQvED3IabIB9TxW9YaX4j1S2S6h8bWc9tOoaOW10eNoypGQVJkweO9AHWGRs0m9mrnT4W8QyKN3ji9/4Dplqv8AQ/zNM/4RfVJlcHxxrEhB2t5MNmhB9OISaBHSndiq9x5mPu1zWpeFbrT2tRL4o8WXguLhINtu0AVN3HmMVh+VBjBbseKn/wCFdCZfm8TeKmx/1Ewv/oKCgDcheTIU9KtfMOK4bSdKl8N/E21sU1bVtQs7jRprhodSvXnUSLcRKCN3Q4au3vpntrGaWKBruaFGcQ+YoLEDPGeM4oGOXvVXUtYs9At1vdQuY7S1V1QySnALMwCgDuTnb+Fcd4U+LmneNvBmpa7pNlI91YIzXOlTSrHKhA3YLFcEFASCK17CwtfFn9heJNQtJEuobfzba1kuBKluXAPm4HBk2EDd/COKoDg/hmt18I9NvPCuuafqEsdreTz2WpWNnJcpdxPIXBBT7rrkAgjAPeu8uvFlrptrp0uqRzaSNQn+zwreJgI3VPNI4jyF4BroCx74z7HNcX4g8OagurSyQIuuaBq5EOp6RqEvEJxtE0LP0AABKdM/d5pMDrl+6eMe2Qf5VGy1wPh3xFdNJe6F4atDrltocn2O61DV78xIZhyYFfaTIyhlBYjAAAzW/wCDvGVr4vs7plgksb6xuTaX9jcYD28qkkoxH3gw5B70gNl1JcD8Txu4FeNeHfBMV58TPiDqes6TqkNncXUNzYzp9pt45o0iCvt8lvnyy/73pxXtDRf56VE0fzUDufPvgOxvvD3w38N6be6HrFvc2XiN7h4WsJSVtzLK3mE7eRskAOTmr9r8ONR8GfE3Rm0dDJ4Kurue6NnGuTp07W0qsFH8MTlsgdmr3CT2qr92QndTuM5XVPAdtrF9LeHVddsppCPls9TdIsY7R9qym+HXl4MXizxTE3bdqCSf+hR13rMu0VRk+/SA5I+BtSEeE8c+IQQcgSLayf8AtGoZPCviJW+TxveMvT/SNLtm5wf4lC9jXYbvXpUbsvP0oA878DTN4Yt7fwdqjhb2xg22lwoCpf268B0x0dQBuTsct3rqid79s9sDiq/ifw9B4o01rSV3tplPmW95DzNbSj7roexxxj+IfL2rF8P61exw30PiBI9PvNNYJcXuAtrMhGRMhb+E91/hJxQB0jBlqKRmbnc3FU9M8SaXrij+zdTs77Ocpb3COR+C1M04lYqhXeo+Zd2SPbFNAc14x8O3HiaFLcTWsdm2DIZrZnmRg6tvjfdx93FbD8KAOtTNz8+3g9KhmOzimBUlzzuqrJVqR6qyUDK8naihvu0UDue6FeTR6UvzUbeRUmQfx0jK1SrS80CuVPmp6Z3DdU+3dTHTn8KAFHU0bqaq/LTvL+UUCHbqXb8uaiDeVk5CbQTuJ+6B1JPYViXniaLWbKe28M6tpd1q3AHmTCVIlLBS+zq4AH3TwTx2oAqeI9euprxtD0WVY9S8sSXl6eY9NgOfnYfxSEfcX1yTworkfhjZeMIdBktNO1PSW8PW1zKbDU762mee/RndjKfnX5S7kBv4uvetXw/4Yi8RW50+3a4PhOO4Z7u5mJNxr91nDF2H/LLcDnH3jwPlFehbflVVVURVAVUACgdgAvAH04oA5xNO8WvKnneJtNESsPMSDRiGx7FpWxn1rmfHXhTTfH3je50xr4afq9rpVvcafeRFfOtrgTzFWX2+7n616WnanfZ4VcSiGNZT1lEag/nQM8++Fra5qln4qXxDG+k639qjtbhrfbyyW6qJkyCMNnI4PWt9/A9zIpD+L/Ejj2uIUH6RA/oK6k9qF60Bscl/wrq2Yfv9c8SXXrv1eUD8lC4pG+GGhv8A6w6tP/121e6Yf+jK69ttJ97g9KAucVefCrSI1S50cy6Prlsd9nqYmlnaJ/8AbV3YOpHDLjJXA7Vr+G/E76lPPpOqQJpniCzG64tA5MUqdp4XP34/f+HOK3vu9KyfEXhm38TR2paSSyv7V99nf2xUSwsfvDB+8CByp4PU80DNdTnnBHsRgipK4Lw34n1b4iyave6Re2ukaLZ3sun29xNaNPLdyR48yTaWQIm8nA5LDnd2qppvibxNqniWw8KXNxbabqsOnvqerXsMSuCpmMUSRIwbAYAE7uduKdwPRttCLzXkHjj4san8LLjxJpd8ya5c2+mxalpVzdKqFjLL5BSdUAXCuwOQBlQc1rePrzWfhp4HHiePWrzVb7S2ik1C2vChgu0d0jkVUVR5WN+RtJ96NxXPTlWgr83K8V5N4b8SG3+LPjuxvpfEGq6dALM2tvCtzcCFZYd8gAi4R+QR3x04rT/Z/up9Q+G0F3dXN1fXUt9eRvNeTPJKQk7Ii/M3AAA4pAekKvNK1Eb5Ap1AESxqeTTmO3gdKRvl5qJpNzUBcm+9xR93im/wUwPtYCgNyZaetLH/ALtS7aAsRp3prLUrNjioJmOOKAHqtOao4W+X5vvU6gQqN81Sbc81CPvGnfNQND9lI39KKNtBRGq/PUyqtR7aerY4oAeelNDc0jPu4pg+Y4oAlprUykaTC0ALtrlb5f8Ai7OjE9G0K8H5XFrXTJK2K4zxVd3ul+ONF1WHSNR1O0i066tpDp0YkZHeWFxkMV4IjagDm75tWX4/eJI9Hhs5ZZvDNoJm1CaRUVDLIu7CoxbHYcD3rL8N+B9Z8I+JvDfgOz8W30Glw6FNfyyW1vHl5luxu27gWVDvxjJ4XrXSC8jj8SXGtwfDrXBq0iCN715IInZB0X5pug/u1pG4vZtWh1Zfh9PJqka7Evpr21WWNewz5rYFAHEx+L/EF14D0vxhb6lcf8JFJra2U2jFg0GHujCbcQ9AVQht/XueMVzlprr+FtF1a3TVPsMd142ubPUbma5kP2a23NtLHcGjDnapk4+VgM16wp1WPVm1GL4d2kOouS7Xj6lbK5crtPzKvJ2gc0hi8QSvdZ8C6HtvHH2pp9SjZp8DgyAQkP8AieKBHCapfT+HdB0XyPGs2uQ/8JbZp9phmdIRE7bmtt5kYzIoAJYsSpbGT1rD8VXkdnH8RNVXX74X+k+JbGOwL6nKVhVzAHCpu24I8zPsrV64bfxQbeGKPwx4XgihU+VDNfsyRHPVVS3wPqKkaPxmcBdK8KIc55uZifz8pc0AY/irRZNc+K2jrDrWpaTu0W6HmadJGMhZ4jySjDPzfmq10+l6TF4Ytby4utb1LUYCm6STVJhL5QAYkIFQdQR2FZ+n+H9fn8YWet6zJpccdvYT2UVrpplJzJKkhJLdvkrqp7dLiB45GeONxhnhkKv7kMvTAAoGfP8AceCb66+HeieLPB6bfE9to62V/ZtuVdQhEe14ZF/56Ic7fYV7R4Rt3tfCehRyhg6WECsHGGyI1Bz714NonjS4n/Z11ee4m8S3WvCC7l/tRFun2TI8iown+4AFVQc/L6817h4BC/8ACD+HpNzSNNYQTyNJI7l3aNSWJbrknNNAbrUxcBlJ6bsH8RUgw2A1MZPTpQwPJ/CNs/w11bxVZatbXIsb/VJtXs72GCSaOVJdpaIlFOxgRjkYPrV/4ZeH9Qs9Y8Y+I9QtprIeINSFzb2Uy4mSFF2KZF7M5DMB2Br0bc0fzKWUdDUUnfnPvSAhZvofp0qNmp8ina2OuOKz9jqcnrQBPN2qu0e5j81TR5Zfm9af8tBRSaGoZovl461cmX5qgbvQBSkg+Wq7W/y1oSKf+A1XkwvA6UAZ8lvx96vK/jLD/wAT/wCHkN5l9Ek1hjdKy/uzKIm+z7/+BZxXrUqc1l65o9hr2nz6fqVrHe2MmDLDNnoP4uORg9CKAPNfjFp403wVrvijTVFjrtlpstql1artdY3aPceOWCgcehJrJ8daRpngXwHZeINDtobK80xrXypoUx9oikkVJElI5kVlYkk969Dt/A2k6Tubyrm/ZozEV1C6ludsRGDGqu2FDdPXisH/AIVvp8f2KCS9vrrSLGRJ7fSbiQNbKyHKYwoZgD0BY4oA5jwTa3HxIt9d1e/v9Qt9SOpXVjZtb3bxJZrE+yMBFwpORliwJOTmsLT/AIj339t+DbzXNZfTLK/064e7tyUED3MTrGuPkO3Od2FIx3r0C48I3mn3eoXWhasNH/tB/NuopLb7QqzEYM0eHUq5yMjkEhTisbTfhufD2q+F5dKmto9N0WCW0NvNuNxIZipZyygL1Xd071QB8OfE934lg1+S51CHUYLTVJrO1lhSNVaFdvOU+8TuHI611zc88/j1rlvBejalot54ke+jt1TUtUkvoDbz7yFkCjaRtHOF9TXU7t3I6HmgCjO37w0VLcUUAe70g70N0pB92pM2P5peaj9KdQIUdaSRuKRmpkknG2gCSJ9wIpJm2jjrUcYZBxTgN60Aed/Gq4uBoGg2wd00691yztdSxwDbM53Bm7BiEXHfFHxWiWLWvh//AGXGkOr/ANvQQ2/2ddpFptczjHaPbjj1rvL3TbbUrOa0u4Ibq0mTy5YJkDI6k5yVPBIPQ9RVPR/CulaHeGeyshFcFPIM8jtNIsf90M+SoHsKANvd8xzxzTWamqp2jJ5+uaXbuoAF+bNSBtoFN8vaKjkbcQKBlhZN2adzVXcy9KduzSAsLIM4alZ1qo6s2PmqZYvl60CJVfdxQkpSQMuWZDn5fXJ/oarZZGNPVcsD60xnD+EfC/iH4eyavpenWNrreg3N7Lf2cpuxBNAZcs8UilfmTJ4xzxWndeE9WtfFFp4ss5rOXWDYHT9QtHd4oJYd+5Ckm0sCrcEkYNdjH92lb7v40Aefah8KYvGE2u3nil1N5q1nFYRw6eTjT4Y38xdjkfNJ5nzlsY4UbT1q/qvgbVPFGlW2keJdSsrjR45YpruOxg2Pe+UdyLIWyqITgnZu56YrtF61JQI5HQfBNzonjLxPr41OF5NaEAFr9lKpbNEu2I7jKSwx1yOtTfD/AMEp4B0BtIiv5tQh8+W4WSWFYXUyMWcYHOMk1038dMkk20AP+63+FKZl5U9e1Vm8ycgD5VpZoSsYATzCOy9frQBKx/hprR7MfWooSwO0845xU5m3EY60AOZeKWJV5p4zgUw9TQMnVsLigtwKr7ttN87c1AXJt1N27qVdtS7aAEjh2808bcnNIOlC/eFAhWWmt8oqRmpKBiL93jrQOhptSDoMdaAuN20jL8pp+71ozuoGQx96Nu3mpG4bFDdKAIuaY0e5qsbaNtAFdkxxTPLqz97ikZKBlVYPmqdUUHFO3bf4qTOeaBCbaNtOVaxvEnjDTfCs+mw3zXBm1GfyLWOC0lmEsgGTH8q9cc0Aa7dKY1ZnhzxVpviqK4fTLj7QbSY29xbyIYpYZR82ySNvnTPX0Nam1mj4Rj77cUDBWVVqC5kle3kS3aMTshWMyLuAbnaWXK5wScc1Tm1Ly9UNk9rdIvlK32ox4gYs2Nqn+8vU/Wo7zVvst1ZwraT3BupvLkeDGy3XGd77m9flH+9QBxel/CmfS/hTe+BxrUMtvcpNF9vFh84imdiwKeZ8zZZtp7Cuy8L6U+g6Dp2nTXIvPscCW4nVdm9UUKpIyckgetZvhnxpb+JLK+ufIm09LO9mspVuyq7ZI2AYnHG0knGa15tQeO5sI4LV7uG4lMbTRSxrswu5eC2X3HI+TpjmgC7ztORg/SoaxfCPjC18YaHBqKR/YWuJprcW9xKjMWjlMZIxx/DWpfaha2KxvdXMNoJG2xtPKsYY+g9T7UAPLc0xqik1Kzhu0s5Ly3S7kAPkNIocryR8o5II3ewrEh8a6ej6Rb6jcW2n6lqZkNvZrdLLu2HH304/E9N2KANxto49aryKrNjbWLrHisaT4t0bRJbQsNRt7ib7YZVjRPJCMw2Dno689K021ixW1Sd7+3WGZtiSfaE2u3oGHU+1AE/TimtUNxfW0MgR7qCOT0aRVZc+3fNY+qeIv7HkvzPp84tLeKN1uIyrGYtxtRF+bj1PFA7ms7VXkaqun65b6qk7QpcxrBM9u/nxeWSykg4U8FeOopH1FXmMKqfMAz0BGPagLk+75aqyfeqO31KG4umtUlja5VVZoA2XAY4U49M76fNPHDC800gWFFLvI3bFOwXIbhuKqNUtvqEOqWcVzAWe3lUSJJtwGUjIIP0NMkUN93pRYdyrMFcbaozW+Gw34VYuNQtLa6FtLcQx3BjMwhZlDNGpwxI9Ae9NWaK6jWWOZZUYblkRtysD0IPce9ICjMu3AqtPE22r0y8mq0jdvwoAzZIvmqOSby+Pardy2FY+gqgjbsH15p3AqvJKZNwO1cdPWirE3TFFFwPc+f4qC3IpzLTSu0g0jNkhb5RUUjbeT0pagurhYwoZsFuBQIXf709PvCoDMqkD5uOKliuFz83y+lAFnbS02M7896cw20ALzQNv41Xkutu1fepVOeaAJKUNtBphj8z5d7pvG3zFxuUZxkbvc189+DfHeu6noPhu9s9f1HV9afV5I9Ts5ow9vDYpLKrvJhQEIjCsDv5z0oA+hsk80irzwvNeb2/xqsLqG5uYdHvbi0Wwl1OKVGBWWOMHcpYcRuwAIz2qL/haUmraTqsN5oFxbK3h861FGt8BJPbsNp+ZfuNnp7UAemt7daRRt+b5eOPzrztficlnqmg6PHaw2bX2n2txEt5O6+cHxmOJwuHaNVBbPWuS8U6tDrOh6qV06GxnsfHVnAxSQv5khmh3S5bplW27V4HakB7iqjc6hlby+vtVn1rxvWviJe6D/wAJ/eaXpelR3llrNlZu7CTF0ZxEokkOV5CyIuM9q7fwP4j1PU9U8VaVrDWkl3ot/HB9os43SN0eJJlJRieVDYzk0Adb5atQseDim+Zt4xtx29KN1MCVWwwFTc1ArfLSf8CoAnaTFNZ2xUY61IW4FAB05qu0yq7k9egqZn3DFULpW3Nzu+dePwoA1osbeaWqkbNnB6VLuagCbatRyBVmiG7G7+H1oWVqhlf/AEiLK7zzg+lAFzdQveo/Sjc1AEjLUbL81KtSUAEfepaipN1AFimNTN1OLfKKAI3kaMgU+M7qjddzA05WoAlb7wpWambqiuM+U2Dt6UAE06xjG7rSW9xuyD0qrdOT5aE5JJ/SoraRrgO/3cnH5UDNfctKrLWbb3m75erhiPwoa+8mGSYDcVbb96gDTZlpnmdazLrVPLt2Y/JjA3N1+gqOObzJIjt28dTQBsqcrmo3ba1QfbAI8D72f4ulQNcPN5obtzSC5MZN0xz0qaNs4FZ7Sn5Sv3mGKym8baBpXiK20SfVrc63dyiOKxhJln3YzkhOVGP73FMDqmHG49K8w+NF2iap8PNt7HYzR+IUmMrp5ixRiGRXkZe65ZBzxlq9LZwykfw45wQf5U62YtGAu4Ljp60Ajxfxp4Qj8H6lYz3Wpak+ja7d3NxruqfZTL/pXlosDSJEQERV3hQAQDisLxH4flmuHtZ5dfv7aHwddGCW+EySNcpIfJZlHHmFQCM/N93PNfRSsV+6Sn0pkm5gRvY5oKPnya3v9YurmS5TWit94PtYLia1hmLJdCQebt3cFtrDcvUhTUNvpGuLd+Fjc6IzT2HiQTi40+xmiint/Kw8pg6xruZRtbgspxX0IsJPDMzbecUSR7ufXmgDwFdG1NrpLyTSLy40SHxVfXdzYG3dmnglUiGYQlf3gViTt981LpHg/VtF1jw7ex6PeLp9v4nur+2hW3Z3s7FoHTaQOVBf5hH717l9nA5/iprMYyA1AHiHwl0PXvCviOSXVtAvLywu7i5FrcTwESaRm5dwSD0jk3qxYfOCMN8tanxw8N614m8yz0nQpbtJtEurZb2DyzIsxZSkR3sPKQkAllBZj8o4FetG4VQVPXtUWPM4PSgDw6x8O+IP+Ey0jV4NGvYoHe3/ALQtNQiR42RbYK06Nuyj4yhQ8EjNV/BvgrWtHk8DXEvhqcLpd7qayQZiDRLNIXhYndtA5+8OR0r3aS3Uc+lQP8pBK7h6+lAHk3xw8J674o1jw2+h2ksxs4bsztsxAyt5W2B8fNtkKOGxz8w7VXudIvLzXJdS1HwhePpN9oA08abHBGxsJgzF02q2FDhlO8cfIpr2E9R81JIq7TQB8x6t8Ldah0zWk1HQ5dY1xfC9paQXiw+aWvkdmZVk7lVaPL+2K0vG/h+71rxR4qjsdPe4vm0vR737Oq/vC0dw7SHH97aG4r6DPGSpGRztb+LjGPyrH0PwrpHh5rl9NsktPtBzMyFmaTHOCzdAN7cDigDwnXor22tPFF2+i6jYxXviSyvLSxuLNv8ATF8uMMrRqcsu6N2IAJBXpWGdLthotnZ6fYX1/wCbc3xuB/Z9zts3ePdHH5DgEttZUjdwFXazYBNfR3ibwvpniu1jtdTtzcJFIJo2ikaN4nAwGRlKsMhm71S07Q7Dw7ZtBZwiOP8A1ku95HaUjjLvISzn8TQB876Tb3KxatqGoWWqQ6xeeEYlS6WC4jc3kSyKwJHIfITHqK9K8ZTXWofBeKSAvIWgspLrIIYwrJEJg27nAXPXn71ejW0kisRuYcdT1qK7USQyLKBIkilW3dwe1O47HjHxV8cSaD40jFtqstt9lOnyMk8xS1MTzMJQsY/1gKElmfheAKyNM8V6y+oKV8UXd5HeavqmlKuYmCxxxO8TxkKCJBtxnJ4r2iztRpdpFbRpi1jG1VbkBegUfQVC+m2YxI1hbDyyXU+QuV7HHy9+9FxWPJPBet301j4Rs472G+F54auJ2a6ijldZl8v5S4wWX959wk561D4N+JHiLX4tOhsNJsmt7W3smvUTbCgWWIOzplwVCggKoB5U16Nqng+2a38/R7LTNP1SPIhuTZj5VJO9RtK8tkmsjTfhp4e0u20SK4sor6+0q3SCO8cFS4UfKSATnnOAxOO1Io57w3481HxhfQaTq1ra2dvqK3yxXFg7rNE9tLsY7Txg8Ee6muk8Ea5J4k8L2V3OoF4d8U4XoZEcxsfzBqOHwZpmh3EN9pUEiX9r5zW3nXErQb5smTeG6gkBvrVnwvpEHh/RbTT4mLi3X55CMGRi293x7sSaALl191qzoF3NJ9BWldsqxlWOW9aoxIFGaABk4xRQzN26UUAe5FuTS1FRQZsbcSeUpYbc1nXE3myW5Lclwf0q9MAylWqCONF4XtxQIZGx3ncuaYsvnXASIZK/ePpVltvZeaRvkXcOtAF6ORVA70kr/KT61UjuAVyeuKSS4G0bRuNAFK+vDBJnPzEgBfWteGQNGhYYbHI9KzzZ5keVEUu+Mn0qzHJ5fD9+lAFne6hnhZRMoJjLD5d2D1HfAFcv8PfA7+B/BaeGrq9iv7ZTMpkhTyiVkcswI5zgvxxXRFvmqTdQBwun/DK9tfClx4euPE13daUtnLY2cP2YI1vHIpRS7dZHVcqM8YFSN8KYpWYNrVwC+hDw+Vjt4wDb5GTn1ya7gt8opuVZqAOVu/hrY3lnaWt3f3t7ZW62uy2l8vbmA4V87coxwA23qBzWT/wrKxvG1O3e+1F0utTXWJgskY3XYIKnO37owpx/s16KzKFxVCScRsR8obPA9aBHMw/DLQ79dUa6e+uP7Tuob27H2kKJZYtvlnhflxtU++2uj0fw3YaDqGq3tqZxd6nIs91JJOzeYyoEDYPAxjFWbUkR73OGJ6UXEzRyKnXJ6+lAFzfu4A2j09KctZlzLJDcRqrt+8yKlaY20O8tyCBQM0PMxxTi/AqqLhe+2q0zl7sbOmKANPzRTt1ZlqxYzZ7HFS+cy3SBOhzQBbaTb1biq67Wkfd/F03dKdt3MC3UdKftVjzQBPyfSlLBR81VmV0+6d1Jv875G+8KBE7T7VynSoo28yQMOnelWI/xfNU68YGMUATI3Bx0py1Du205W60DJlbmnHpVc7s01ptjUAWN3vSfxCoBNvNOaTHTrQBY3Ubqro/X5qGk2igCwelItRC4VQDuWnecp53UASbttMkHmVG0irzupRdLgfNQASW+/b7CmrA0eQvRuTTvtSsud3SqzarCmeXY9/3bUgHNat52wbVGMk0xrPfE8DMRG7bvMX19KcNQVk8xY5PT7tR/2t8xAhnyBj/V0rgDaXHIrrJukUnILdsVPHZgNnzDkdMVDHfM/WGRR6sMU9bp9/yxtTAsS24kABOSDmhbdQCELHcclfWoZrwxxvJKFiijUtJIx2qoHc1yv9rap422jSJZNK8PklZNRyy3F4O6wD+FD/z1PJB+UY+YpjML4wpqviLSbzSfCmrahaahaxu942nsqRRKF3BJZApkDtjCpGQxHLfLWT+zj8FT4B0geIdZiz4n1OPcY5DzaQnkoT/fbOXb0+XtXrOjabDo1lHaWNvDZWsf+rSM5Ge5Ld2Pc1eVpPQD2PWncCZVX+5ipVXbwveqitLv+Zo9vt1qyvtTBD2GOKRvuil5qC6Zl2gNzmgoQT7ZNv3uOlN+0bmKheRxUDW7NcbssrYqS3QqxJOTnmgBXby2AbqelQTM02VUcY5Zugqa43SEALwpzTm+5n1BNAFO2twEBJyQetWdu6obVv3K56bjUsbc0ANaPb16VC1WJKryL8poA5Txx4x03wSmky6k8kY1TUI9PgMW3Pmv0z7fLWtHayKzKLiTH+y3FfOP7YVvr3iLVfDWl6FZXV0NNH2ySSBQVjuZX2wgk8bwseQOuDXvvg7Xv+Em8M6XqLRtFPcW8bSxSKVaOQqC6kHoQcjHtQBo/ZWVdolbPWq6q0jHDNkGtJjuT/Z7VThiZZpj27UARSW7MufMbrVO4s1mkDMflH6mtZgq5qvIu7DU7DRn+UU3MBtPQVSuIZmjfJDdK1X+bNQyr8tIZi3EUjRrHt75qKZGjTYVbJ6VrlNoJqvItAGQ8ciQjC7j6VSuYGZ4mI2HNbUqbWBqrOtAGWUCyfNzxVV1H2obfStOZVqqu3nHXNAFKW2DZLd6qTWhUlo2wO49a1ZPm4qnKnWgDMZiVyeooqa4gzRTsB7Ru96Y0m0HHWkb73PSmTTeWrNjdgUjMbJceWud33uKi+0rD16mqrT+fC5xjkcU1zh4w23BoEWlu1Z8bqe86qpJ6VRuGGxVValhtwygv1A4oARWLTbVG1ZOc1ft0qmAqzcdauxyLtoAs7scU3cq81Duo+9z6UCILsmPLK33iPvdKkj83n5lz2qK4kVto7hs1Ks2/o1AXHN5i53SfNj+7UMDTMGPmN6VU17WJNJTTNkKzG6v4bMl/urvJ5+vFW7N/lJ680BcseS/ljdIze1J9jXzPMPJ6Z9KsUfTp3oELHFtjALUjQ7cH0NB6jDcUr9PvUAhskfmNlm+lI1qsigM2VHOPenou7FPxsXigortYRSTCVo1aUDG7b0FTeSnUdR0pyMcHNJQIYsIXJ/vcmp4lRU4qOTiPHqDVex/49x/wL+dAXNCpfl2iqu75jUg+7QFySj7vNMDbaM55oES07bUdCtzQCJeaen3TUJ+Yg04N6daCibdVS6tmmZX3NwalDc0NQBC0B3febHf5qc21cLub/gTcU5pMKx9BVGaZi0Z29XH8qBFo7F+Xd/49TfKg3cqpquuTeElV/1X9aluFDRjBwewoC4/y4A2Qq8VNvVcN8vPFUrQiMujbd/X8KiZvLZJWGYSxA9vegLmsk8YyG69qjluEj2k/KjHANUzIZLiB0+dVz+8qSaTdDtPXIxQBbZl5ZvSq0tx5abwGYDH600syq6bqY8O62UY3cg/lSGWGdmU4XAWoftyStGqNlmJBH0qWS6KMcRsSRwFGR+J7VUisSjrJj94XLlc5xk5pWAs+Yy/KV5qrrXiK18M6eLvUJWjjLBI0jQvLM56JGo+Zn/2Rxjk1Q1nxCbPUF02wtf7U1uRdy2YYBYVPSSZ8ERxd8EEk9A3Y0nw08N9/aeozLqWtsu03TxsI7df7luhPyJ2LD5j/FzRsBAuh3viuaO58QRiCyibfbaDGQ65HR7lh/rGH937injBPNdTHKSoBIPHUdKZHE0YIwTnueopQhVhnmjcZIkhUsA2B1p9izNG8jMW5wBTUhyxf14p1srQgqeRnOfSmA+6V2CgFlPfb1qe3ULH98tzxmomDSHJbinRBk6tuHpTAst05prxrIoHzZpit8wqXzFyKBiJHt4PQU6msd1KOgoGLUbf41JUU3zKRQBmxszbgqM3NL57Lx5TcVYgVdrY65qVlWgCn5zOu0I+eu2m+YzfwY9j2qyRtJpOoNAHD/ESOWbS9NjQH5dbsCVXsDOvNdDa2y20IRSSOpJ61lfEZVbQLY/dxqthz/28x1vzMluJJHdY0UmRnZvlVQOWNAFWe5ji6tyarx3W6Zz0zxmuYXxZrniiLzvC+k2v9mZ2prGsTPGlx7wxJ8zr33MVBHIzVebUPGWgn7RdaTpeu2gBMh0OSWOZFHVlilUhgO+Gz7UAdu3zcdahZKy/D/iSy8RaXFfWUons5uFc5BDDqjKejL0I7EVo+YknIOQe5qhoikX5uOneo5Nu2ppKhZaTGVX6VVmX5quOm3PzVBIu4GkBnzDaxNZd7IV24OOenrWpdKxXFUJbdpAB6HNAGe0ztIcnFQG4/fBU/GrU1u3mFj0PFQtbbGGOtACyVVk+6auOnHNVJPvGmgKUlFOaimB6yz7himNGHUqenekaRY+T0qKS5VVLfjUmQxbcRsR/DnineWo4qAX0bMN3y+9SNcJ/Cy/g3NAEqqvZVzRuxx0qFZeDR5m5eG5zSERTTiO7DN6YqdbqML96msI/vN96oWmw2Pl5oC5ZW8VuBUv2sfdVWqtHIo4PWrEbbqYipJueRlUbWPX6VNaL5SKo5GTmrG1dxpVVe3WgRzPjSRWbw0gPTW7c7fX5Xrejn2pnZjmsXxh8t34XB6f23D/6JmrZa0DtwWWgC1HeKVJ647Un2ppFLjhRUS2rxNy4ZSMURwmMMijKnv6UAXIZFmiVql+VvzqpDH5eADkVZWgZLnZQz8VCzfNTx92gYobg1A1ztuNhHGM7qlqm0LNcMWX5O1AMIL6SXzMhWUMVB9ealt7oNOYk7dW/pVa3tGDONuFYk5qxDb+RIMLgL3oJL60/73PpUe306U5ehoAk3UvNRrUo24oAaeopaG6Uzdt69KBj6KFel/ioHcerU7d1plO20AIRujI9arrD+8G/t0qyqs3FDJQBE8eW37falSNFy235jxUn8NN3NQIRbfcwyAzclQw6Y6nPaucuPiJ4ft7qW2ivJNQmgJEkWnWst4Yz3DGNG2ke9VfEUsnijxC3hiOaWHTre3jutWeFtry7y3k2wYchW2szHrtUKOGrU1PUv+EXsYLHSdHuLlghaHT9MWOFI402hjliqr1UYHJ3UCHaD4u0XxJJLBpt7HLcwgM9rIGhuF+sThW/Hbitzard81yP2XTPid4d07VY/OsppVE9lfKm27snB2/KQSeCOVyQ4GO1aHgnxFc6/wCH459Qijh1W3mls7+KPGwXETFH2Y/hOFcexoGjaFuscmR1JqT1oGRx/Oq2pala6Pp899fXC2dnb/PJcSkBUHTIz3zwAOTQMnJHACkkZbJO3p1z7CuZuPEF54inks/DrKttExS61x4y0UfOCkCH/XP7/cXvk8CFbfUPGvzX8U2jeHyAwsWBS7vF9Zif9XHnpGPmb+Ig8Vuywpb29tBAkdrBEVSOGJdqqoGAAOwA7UguLoWi2eg2jwWUZDSNvlmkcPNcSn+OVv4yevtWkrDscjsapFW8viTkAkfN3qGxvfOjRZHxISQR6kUguaqyLn71G5azIZsPICrMMk06P94yS4xmgDTWRV/iqRdrfNWSGxI6Fsrtzj3q1abvJT/dH8qYy9uWnbqqyfNtAG41OqcjjHtTAVmZWzTJJtrAbfvVM3zcVTulZpIlG7AJJoGTLfKrMOvGcUkd6zqGKbUqqIS8z/K23Ax9am2yBCgU7++6gZZ+1hmOyqs1xJJvjVfn4J+lNjt5I5g3VGXGPcU+ONjIXxjtQMFZocA7cMc1aPSqtxZyTeWv907qsLuzQAjLTG6VK1Ruvy0Acl8TPl8Jhv7uo2H63kNZ/wASlOqroPh45FtrWo/Z7vP8VvEhmeNf98hAfq1Xvif/AMibcZ6/a7LH/gZDVf4iWc8VrYa9bRvPcaFeG9aCNfmmgZGjnCf7QRiw/wB00Acl8bWm0Hw7caxDrOr6dNF5cViumrJ9ktuQGkuQinfHj727gBRtBOTVG58dX2m/FDXDaxap4j0f+w7TUY4bSaPy4hmQsw3sNofC4ABOc12+pWup+LrW4Gm6zpf/AAjmqWfkhvszNKqupV3QhgCCpA5Bxmsi4+HN1putTaj4bvLS0hn0eHRxDfwPK0SRFgsiBW+dvmxg8d6AMSy1Czbxdo2raJIx0XxZaSXTQqNgNxFsPmY/hZkcZ9dteiyPu2benfjFcP4b8NWdr4q0LQdNZp9N8G6dJbTXDMHBupdgEeRwWWMF2UdN616E0Oymhoa33arN8vNWNtQMreYaGMgmqtJ92rUkdU5twbFICtMrdhkevpVZvzq3IrbTVKSgCGZfMGfSqrVcqtcN81AFaToaoT98dauzNxVWTbQBTaiiTqdvTNFO4HoULGSTDelQXDMJnT+GtD7OrKM9BxQbddopGRmSRqMD1pGhCw/L96tLyKctuq8lee1AFC1ikGTnccdKkWNvpV0cHFO20hFJ1Zhiomt2fp1FaG2nom0ZoCxQt7dt3PpVyEeXxUyrRtpiALzTgNoNORdozTZZNqk+gpCOZ8Xt52peE09dYT9IZq6WOZQcblya+fvjz8VNZ8F+NPD1jFp9rc2zFdQspZiwJmCyxFGHORukQjkV7XpbXEISK+ZWvFiTz2QYUyYG4j2zmmBsPKm7y9y7sZqNJQrAM3WuRvZGPxKjCbmzoo2j/tuc109uv7tscdqALryccdKElXj5qpQpJHcAt93bgVJszcOf4AB+dIC0kyPIRu+apFY9GrPky11Eq8sOSfSr8eNvr6UDJF2tRIvNIretMmk8sZPSmA5h5a5HWlhOVBb1qt9oWRSfQfxU+xkVoRjruNAi6W5NIOtQfxDPSpo/mOKAJFoZqXdjimll3Dc1IA27uakHzACj+EY6Uc0ACpS08dKKYDl+6KcPumm7ulPoGIG2qTTQ2QafzTWagdxjNQq7uvSlXHel3heFpCOQ8Px/ZviD40t5PkmuDY3sO7q8PkLCGH0kjdf+BVe8Wajo0VrFpmr6vNow1FWSKS3kaGUhQpcCTb8uQRx/FTvE3h+41Oa01HS7pNP1/Twy29xKhaKWNjueGfb1jYqpz/AVzVRfGOs2LGG98G6wJx/FpRiuoH91YOCM/wC0M+pzQIb8K9N1LSvA+l2OqSs0tuZEhkmXa4tRKRblx2bylXI9aX4dyG/0/WdYGUttU1e6vbb0aIERpIP94RA/jUV5b6545VbS6tZfDOgScTrJOjahdrnOwBGIhUn5Wbc78YG0cm/ea48U/wDYvhu2t5r21CxSOciz05QMKHxyWAGBEvzcdhyQZd8QeIrbQvJiKS3N/dEpbafagGe4I/ug8BR3dvlXpkHiqWn+HZ7+9h1bxC0NzfQP5ttZxkm1sOMfJnl5Oxkb5gfu8VZ0Lw9b6KZZ2kkv9TuABdajchfNlA6LgcInon3QMA81rbvw/Aj+dK4BsP8AFkt33daimh8zaMbcHOafu2tmnMd1G4ipcQyTKyebhSPvd/oKqx27WYQJEzL0PqPc1q7FPPpR8v3qAK8VuqszK33uuactqFXCs1DSAtkVKslIY2CzSEE5be3Bb19qtKEjjCrxxjFMXnmhm24pjJliXb/FUsI2rVdJeKVW5pjLindQyVWjZtxq3u+UUwEVNtOZaYrU7dQNCqtO2UwNt5o30FCtTGpHk5psjfJQAm5aRtu01W835qR360Acr8VuPA1+V/hmtT+VxC39a6hWHAz2PQbsZ6g+xrk/ilIW+Hutj5tojjP/AJGSun84L06MM0AcreeCZdNvJLvw1q0ugPM5eWxMIubKRiclhESGjYnqUIzUFz4d8WampgvfFNtZWZGH/sTThDK4PVRLI77Qe+0Z966vd1prNxQBR0bQ7Dw3pMen6ZbpbWkQLAbi5Lk/M7OeWdjySeSTmrrd+v49aRpOKja4XdtoGgb7oqJtuDUshxGSegqhJdKykBuaBhJ8vIqu65Umm/aOuelRyXSqMUARy/dqq1WvMVs/SqLvtfFAEcn3qrTLVmRqqXEirigCpN0NV5F4q053DNVpmoApyr1xRT26UUAelydqWoPtFDTqqg0jInpPl5qEXXA5pGuMcetK4E+2nfw1DC1PkamAo2rzQHXB+aodzUwdW+XvQItRt83rT2XLZqvDJjjbt96kZm3UriJ1psiqy/NTFamluTQI4bx98MLfx34l8F6lIY1Gg6h9okRussZCsE/7+Rof++q7eS3UyGUfMT39adtzzUbSMGxTuBgWsca/Em43feXRI/1uWrqI41Xgda5ezkaT4lX3+zo0H/pTJXVRxNTAay/Mf4vahV+YdqkaPbTY92aQBIiryF5pilwCyjdjtU7njbSKMLigBEmB5YYb0qvcyeYWT73Tip/L3UjR7cfL3pgJFbLwZBuUdE9PerHkq3PRh3op6L8wpARsrHg9P9nrTV227BvwqxMm4ZHUVW+ztL8x69qVwJJroeTJjr2qm5lkuLc7V296sLaknEq/J1H1qX7KjYYfexxQBOrDnbTlamRoy1J5bFiQ3OKAJF+7QG2sOd3tTYkOPmp3rRcBrNuYnpg0qz+nWmstIsWOaLgP8xmpG3UqrSvyMUXAi+9xQrbDz0p8cX+zTpI9ooAA+ADTJpAIndnVIlUuzMdqoB1Jqrq2sWeg2Ju76byICQiBFLSSP2VEHLueyr82OelZC6Dd+LJhc+IYhZ6aCGh0EEMrEfde6x/rG6Yj+4D70DK0eqX/AI6Vk0maXTfD3RtW2ETXfqtsD91T3mPJB+QEYNdDpmm2mi6fHZWEEdrbRnKquQAe5OeWY+p5NXY7fbgZOOyuc4qfylo3AqYzz09iKa+7irXl0NFtGaLCKrNRu6VZSPnnpTpIV4I60wGovyfWoZI93FTUqx5zSYFXyWp3zDjFWNtNftSAZHubinsrMoHvR83bp3qRe1MaI/IZ+fSpF+VdtTK25cU1vlGaZQQ8MtTv0qGH71WKAIjnHFSx5wM9cUu2nL8q0rjGlfmFBT5hTlk3U5tuKYXIWt9zZHWhl3cVMrLtqJmphcryRMrZqNo6ssy1EaBnG/FKE/8ACu/ERH/Pru/75dW/pXRbScE9asXlrb6hbS211Ek9vKNskUo3BlByM/Q9KCuGJxjPYDGKBlOZfmpgTg1Zb71MbvQBXdflqu4w4PpV2T7tVZPlbNADLj97HWZJbt5hrW5qCbaoJ70DuZUkLdutVZEZeq1pMy9utVptv40DKkOdxzUE3+sNWWkVVNQZ3c0AVJPmwKpXC7iRWq/3TVN9qZ96AM2QbVqnI7NWnMq8/WqFxG24Y+7QBTaRhxRUki0U7Ael+ThsHpRJBuNTMu7FKxVFqDIrfZmp627dunegSruFTq2Fz60gGrDt6U5o+Kckm4UbqYiLyqXy6duoZqBCeX8ox1zT9m2o1lXcfpSxzbjSES7aVI1zSq3y0z+IUAOkj2tSeWp5p7KzfSo1+WThcnOc9+mOPpTA56yQ/wDCytTx0/se2/8AR81dWo2181+E9f8AGGoftKXfhe61LOn2MrG4ZY8PLZQh54VY+hM6KfYivpEy8Dt9aYErHctLDt21D5lG5simBLJtVsnpT8qyiq7Zblu1LHKe3SgCdUp21W4amRncfepHG0UAGVRajEvzCmv0pvzNgLtx3qWBZ3LSrUQ+7Tl7UgJtu7r0pfljwPWo1bbTmO+gCVWpWZag+bbSL83FAEpbilVlpm2nY28npQA9qSo/4qm3fL92gAprN81N+vSniMMp4GSM/N2HrTAVZ1zWJr3ib+z7pbGytW1XWJY/MisI3CbFzjzJHIKxxjqWIJJ4AbtSn1q78QXNzYeHthETeXda1MhaC3cHBSNT/rpO3HyofvHPyjX0bw/Z+H7ZobRJGklbdPc3BDzXEnZpXX7x74+6KAKeh+HvsWpf2rqU41PW8FI7hk2R2qn/AJZQIxwqnuxOSeWIGBW6JFU4GcjjnOf15/OnLGDkqM/iDSrCrcnqKQxfmKg1H5hVsnsalZQwIFItuFXJ60wEjkVnyehp0jenSmKm3NOWi4hY2+WiRuOOtL8qtn2pB0NFwIPmanBmK4+7jjNOC807bu4oGR7vl9ah37uKnaP+EUi2o79aQCQsxOCvFS7qfDCqGnPDk5pgM3beaVSzVKsPy0qrTGMwF69aevzEU5lp235Rjrikxj9tOZvkxTY+9N2buaQAu1ufSjO6lVfmFS7aaGQsnFRSVYbdTNu6qArVHMARg/MD1FWmiqFoqARAIyBhOAOlDKcc9asBeBUTt1oKKsn3qCreWakZVph+7QBn3G4jFVT5nmDPTFaMq8/dqFkzz6UAV1bbTZnyrfSpGXvVaZtqmgCkd2056VBJ3+lSzTYwAvB61BJI0a79vy9KBoqTbSAnfrUQk8uTB6EU+S3NwRItMELq/wA23pQMhuZGb7nSqczYUn0q9MtUZ4t+VDckUAV2dmjVi3FQTOxPHSpfsrKoQ9AainjOdy9qAKsn3qKJCxop3A9Rt2O3nrUNxGzyVaxtoU7qgyK6p8pG3pSxw/LUrfepaQhsXGRTW3c/LUvNOGMUCIVX5aNlS0uVBA9aBEJjP8NKsTf3alo3bSDtpoAKsAMdaamdxz1zTb2+t9Os5bq9uIbO1iG6SeeTYqegB9T6VzcHjxNTw2h6LqmuqePtEEYgg/7+zbVI/wB3P1NNgdZuppX5q51b/wAYXCkpoOj2h7Ld6s5b6YSIj8yfrULal4ytcPL4e0u955Wx1X58f7rxgH8xUgWLHwHYWXj7VfFaE/btQsorCWNlwoCHJYH1YbB/wGumW3G3nk981zEfxIsLFkTW7K+8OSZ2ltQhHkE9gJkzH+bZrpluIpbeOdJFlhkAKyRkFWz0II6g00A9V2rilWPbxt60u7pTt+5sUwGsvQelJ5e5sVI/WmGTBAoAkMeyk2+YuKaZMqV9aag2CgBVhwuN1KqNSM1PVumOtIB6xjv1p/yjApUbim7W3UgJFVc0bFo+7Tf4qYEmynLFSK27ipdtFgG/KFxUbLu6dKWWmL1oAcq1ItMVdzCqGva9Z+H4rc3Baa5uGZLWxgUtcXL+iKP4R3Y8D1HSgC3e3VvYWst3dzxWtpbjzZZ5iAqKONx9s8YHJNcyv23xrD8/2jSvDjLkRtmK7v8AnjdzugjPsRIwPJXvPZ+H7rVLu31HxCqPKnNrpcMgkt7U/wB4kf62b/aPyr0Ax8x6QqXXcxBbPJXpmmAyGzhsYY4LeKO2giUJHDEMIqgYCqOwAqYdOmKY33uelO8z5sCgCwudo+lG2o/M281Is3y49aVgF5pGWm+tRN8zYPSgCVttN3LuFN3eW2PWkkXLUASMy/3aRW9FplLuoAc038NC9DTdy9+tOX5qQwf7oxSL71KqfLULdTQBIjfMcdadv61Cq1MBtAoEPVd6jllryLU/GmtWmvfEW2m8XW2lQ6BHDNYx3VpbFZfMhMuxw2GfkKowc/NXrqNuBrzzQ/Bl7a/E7xVr+oaVYT2upC3Wyk8xZp4TChQ/KVyu/G7j1pjQnh340WmoWOkW+qadqlt4iurG3urqxttOldYFkbAkzgjbuzyScVswfE/R5m01t11DZ6pObWw1J4sWtxLzhVfOfmIOCygNkEGoP+ET1S4+JGo67OsA0e60lNMKw3P77Ku779uw5B8zHUdKwdJ+Gurw+GfD3ha9msW0nQ7+G6iv0mYzzxwMWiQxFQFbJVWYMcgUFF/w38Z7PUtBk1XUdOuNLVtSl0+0hd4w07o8nygl/lZQjFi5UAYALdal/wCFraDrmn6NfW1zqlrFJraac6wJGAs4yPKuWJIERzklSQQowSOa5mL4R6/Z2kUVreaT5+ma3datpxuEZ1nWcvvjuAVAX5XCgqD0rpNe8E+IPEGl6NHc3GlRXdrq0GqTRwK8cCLF0ijIUuSf+ejAfSgCa6+Mum2l9qNvJpGsm203UotMu714IxFBNIVCHiXcwO5furx3rpde8ZaZ4Zu0tr+S8E0iCQfZrGe4GNxXrFGw7dxXEan8J9Y1Wy8XwC90uA67rMGqxuwkZYRGY/lZdnJPlKM9tzV6ojTKgPmFW7qrk/qetGwzD0XxJpfjT7VbWT3wXAV3ks7izPzcgqzopJBHUV474C8d61odjZaH41vLi5sPEFsZtG8QeeytvZSWtpJByJAfuk8kCvephcOr+W488rhfN3MobBIJXdzgCvP5Ph7puoeA7bwF4lvLS/eW3fyGtY/KfEZ4lQOxIdCyngjINMDz3VtZm0P/AIU5fTanrckGpRSHUVhvLqd7hxbpKhaNCSfnYfdH1rd0XxCuvftA3VtbXGrppi6ELsWN4bm3i87zSjMIXwD8p64Nbdx8Lb9D4B+zavbIvhRMAS2zFrhjGI2JO/j5Rxwfqa1pvAl2/wAUF8XrqcHkDTf7KNl9nbzDFu3537h82/OBg8UwR1O898596ifv9am27snAHsowKidelBRE/wB2oGZlqwV5NMkj3UAVXf5SaqyM1XJIemOtVZovmoAhabbGapt+9VmPzD0q08PWl8naoNAGRdYXYRxTJplaIqy/NVu8h85vpWfJG2SooAjjKovHWoppNwJ9KeR5ZK1G3v0oKKMlxtzleDUTYb5lp92u9to6daioAYz1BK3J+lFznt071SmY446UAEnzdelFVmkbNFAHrso2iqyynzDirci7qga3XduHWpZkMdmByaRZmLFfUVN5O9qd9nVenWkIiXdxVkf6umrFt/HmndOKAsVpGPOKau6rLKvFG1f7tAhIt2KxNc8SPa3y6Tpluup66y+YLdn2RW6HpJM4+6PRfvt2BHNO8T65PpMNtZ6ZEtzrmos0VjBINyIVGXnf0jjBy3944XvVrQfDdt4dsHtreSW5mlYy3N9Md09xMefMc/3uuF/hHFNCMfT/AATFcXyalr0zeItUX5o5LlCsEB9IIPux4/vHk966ze7cM7NSqv8AsY/Wn/doYELfLSoquKe33hnpSJFuus/w4pAKillMTKHiYFXjbOxlPYg8GuWuvBMnh+SS68KTx6W5Jkm0mXJsbnucDpE57FfxB612a7VXjpUNwu6J2+lMDn/DHiqHxIk0Zgk07U7Y+Xd6fcYM1ux5B44ZD2YdRzXQ5yQRnHvXK+LvDs+pLBq2j7IPEVgh8hmGFu4s5NrKP4lc5x/dIz3rc8O69a+KNEtdStdwhuFJaKUYkjYfK8bf7SsCD7ijcDR9KNtO8tmbOGcnk07cF+UjB7imK5Ht9F5qT+CuMFx4k17xV4isbDW7TSLDTZbeCNH04XDPvgjlcsWkHeTirK+GPFTZLeNJUHcLo1uuP1P86AudMy7qQJ8wrnf+ES1tsM/jnUl/65WFmv8AOM0n/CI6qzfN45111/2YrVf/AGjSsM6ld1Srurkj4JnbcZPF/iZsfMzC5gjXaByTiHgD1qKw8F2N9axzxeLPEl9DMAyTw6ydrrjIIKoMgjviiwmdlIrLg0Ktea+PvCaeH/C95qdjrfiJb6B4PLabWJ3HzTxoQw3BSCG6GvUZI0WaRV7MR096YIjVWp7NgUKyimydqYwb5uaT72CepOBS7qxdYXVtUu20+zb+yrDYDcaqCHlIPWOFOx9ZH+70UHrUsBdU16ZNQfStFgTUNXVQ03mnFtZqejzuO/8AdjXLn/ZHNWND8MppU017PctqWs3ChbjUrgAOwH8CqOI4h/cHB6tzU+iabZaBp6WOnwLBApL4BZnkY9Wd25Zj1JPJPNX47gHkdKEAgXnjp+dO2bVB96kM2SAOppH+6aoCNl3dOtNWI7vmpy0SSEtsA5Iyfm6Ad6AHslNP3hXPXnxJ8J6XeNa3viXSYrhCQ8Ml5HuU++W+U+1bdjeW+qWsd3Z3MF3byfcngkEsZ9fmHekBZj+ZsVLTI8fw9PenOQilmKrSAGWmbab5ytyDmng7gKAFWNdtR7W/u8dqmX7tNXbQBGsfzH6U7Yq07px60kjbVwOtIBN+1setKY1qt5jLR5zZHzUAW40Wl+XcfrVXzmqZSxXNACtw2B8oNSRwKOetVjId30qzbtuUkdaBon2rxTJI1YH+FvWkDH+KuV+K3jC48CfD3XNdtIUmurOFTAsv3fMdhGm71UFycetBR00cPzHd17U+Nvlw3Y4FeceKNB1Hwz4BvtatPEOpy+ItNsmvWvJ7mRoblkTzHR4CdojbBGAAVPeuu8G+IB4t8M6Vq6xeQl9bx3Hlc/IWQNt5J6Zx1NNAdHGy05/vVCqsvNP37lxVAO+XbXL6xo15d+PPDmpQRZtLO0vY5pt+NjSGDYMd87WrpY498kY65IG38en45rx74Wbfi1od74r1+S6upLm+uLe1s4rqWKOzgjcqoRI2X58AEsQeaAPXH2g4YbSegx0prVxdpo+q+D/C8djYavYXUqXMsn2zxBPK26GR3YJvDbmcZAyeoq14b1TxDJqDLq134XubfyXcxaPLI0xYY24y2NvDZoGjqRGzAkK2P92oG+9Xk3wr0mH4qeDI/EfiNrq81TVppiJILqWL7CglaOOO3VXATbtDbgDuOc1s/BfxRqvibwzfw6tN9qv9J1G40trzj9/5TgLI2P4sHn3oKO9b7xqORakfHOAQOwPUVE1AHC+JPHF5o3xD0Hwyul29xDq8MsyXjXbKyLGMyAp5Zzx05FZd18Ums/E3ivS7zSvLtfDunjUp7uO5LPKjISgWNoxzgHd8wxzy1ZnxX0cat8WvATyxamtjbw3aT3ditxGsDyBfLzPEARkr0Vh71zlvbJ4N+KPju5tbDU9SsG0e2MS3YublbmSIN5sIllDbiFPTdj5uKaA7PQfiHqesTaRNLoENtp+qW7XVveWt956RqAjCNhsXDEEkjP8ADXWzXDbFx1xXhvhfT08P+P8ATovBb36+F76GS41fSbuJxBp7KNwZPNx5bHPKAnNe1BSyIVAOQOVbI/PvQwEmkdY9/wB7nmsjxF4k07wxoN1rGqzLbWUABZ2Gd2TgIPViegrTuJJvLaNUxnq3pXm3xz0e61LwTZPao13NpV/barLYxkeZPBE/z7R94gdTikBPcfEqG3urGO90DXbH7c3l2zXFshEh2M+3CyHy2IXOGAPqBUUHxT0a+8KXXiUx6hFoltKYZpZLM7xhtrEov8Abgn1rVtfGPhjWIbGS31aw1BLiRZYYlkV338clfvoQP73SvB7Gx1C6/Z98bNa+IY106GS/Q2ZtIpCcTM2BIWB+brkA0AfRNjcQ6lYw3KJKqTKJF81SrYIyMg8g+1FzEWXctczY+LPsMPh+3l067e1vYoYE1BNpTzGiLhSp+ZuF69K6d5MqQOPxzQUZ7MV+9UEyhuf4TVm62+X+NUXXcKAK8ip26UUk0K7ctuzRQB6tvX0p2VZeKil3Z+WiFTtIbvUsyHQ9Tn1pXbmmqmMjtRsagCRX3cUbttMiXk0/y/XpRYQx5eaR5G2f3V4Le3Xn8hR5Xze1c78SJJofCNza277LrU3j0yA+jTusZf8A4CrMfwosIi8CyjWLy98UzR7m1L9xp6N1jsV+5t/66P8AvT7Mldb527mo7exjs4YYIE8u3t41hiT+6ijCj8gKfGrZpiF8zdT1alWKnLFzQA75qjMm0n+9U6+npRJB5nPpSAh3sea8++O2s6hofwy1W/06/udOvLV4Ss9rJ5b4aVFZc98hunX0r0PHkqfeuV+Ingmb4ieE7jRIr+PTlnkjaWZ4Gk+VGDhVXK9Si5OaQHHeJPFH274g/DzTtOvNct7Wae5ju451u7ZJ0jgMibi+N/zDnB5GM13ni6aC48G+KIracLNb2NzMRaziOWKQRs4zsbKkvg+9QeIPA954k8TeGdZfVYbZtDaWXyRbsRM0qeW+G3/KODt4PPc1yWj6ZoHinXfEdp4fuV0t59Ok0h2t7XLSRlg0lzKcKrNyEQk5++3emBzF74k1HS/C0/grxdeTTapElvdaRrAmaM6lbGVARuHJmQMQwPO2vXtd1658P6hFaW3h/WNWiCACSzijdFAboWd1OfrUfiL4b2HivQ9JsdWf7TcaZPBdW95HF5bpLEVPyjPAfbjFdRJH5rZ4554ouSeI+ILyTWPBPxluZ9PutOlRfMWG8CrJGyWMRjLbGbuA3Dd6z9Fg1XQ7XQfFXhvRZdJsNN8NST6l/aU7Qx6pN5KMihAXJO4F/Mx3612UejWXiC4+JWjX2pjT4L7UYYZWWSIO0ZsoAwAbpkErn2rel0/QovCY8Pz+I4TafYjYmeS8gWbythTGQQpOzPYmi4GJpPjzxPqWpeHtLntdHsb3WrN9ThmjMsyQ2yRIdrKdpMhd+oIwO7Viaf8AETXvEHi/wxbGSDShDdaraapbQIZlnktVBJjYup2sHyoIyCf4q6u5tPBkdtoSf8JRbWt1osfkWeoR6lbrcLGRsZGBwrgqAuGTPGQarIvw2ibSZB4h02KfTJpp4J4NYVHkklYNK0jK26QOQCQeDmi5RX8I+NfF3iv+zdROl2dt4e1ayknjkm8sfZ3KEwqMSlplI3bhhWz0AHFY3hnxV4j8Q2nw4srC50/RU17Rbq6l8mw+WBogu1Y1LkAEP0B4rY0WP4V+HJrh7HXbOFHEgSBdWZo7YPnf5CFsRbs87an02T4Y2DaStlrEKnS7aS2smjvrhxbRv99VA55HrzRcTK954hn8Xfs/2esX5U3l7HbNN5CBA5F3Gu7b2yUzivVzu8+X/eP868j1vXPCUXgFfDXhqZjG01tFaWkEU7FQbpGPzMp4xu7ivY2XM0pxj5j1+tMSK7fLyahDN5hqxIjbqRIerevFMogjSSXIIZR609UZZNp5GKnEOwD5qesW7lvwpAQLCy80uzbzVoZxTH+VSTQBA0hXpT4nMgJbtTTHvAx0zzUqrszn5R60wHcDkdW4FcFr10PFWoatbS3FyvhfRmWG+jsdyzajdEIfs6sgB2JuXI3As7AdBXdeZnAQ9+G9643wXqlronhvxDc39wbZLLWdSkvJXBG0G5dwzAc7fLkjwelADvBet2V1daloMHhqbwxc6UkLNp00MSqY5A2xkaMmMj5W4JJ96i17w0NI+0+I/CtvHbatCGnns7QYg1NF5aKRF+USEElJByCADXI6mn9lt4/1jTLvU/FPhm+0ZLifybj9413vKBIpkXdtEPOB9xa0PhDqEVn4u8WReYI9Okgs9QglisJLWz2rCRK0e/ooKqCx6lc9qlgenaXqFrqum2l/aN5ltdQpPEeOUZQw6exFWHUurdlxXN/Cm3ez+GvhtJB85sldV9FZmkQf98kV1LFWXpSArCItEmOg6VYVOaiMm0Bdvep91ADWZlwtG2hnDEIvXrUfmsshBX5qAJ1VacVXBqHzHXG6pVfK5PSgCFoVam/Z1qTd8/4VBIxydrUASLGq0/bjmoPNdNrF93bFWcyScKny/wB5ulAEEkPmScfKcdas28PlrktQ0OFBJyR0NCyOq8rx3oGify84PWs3xN4bsfF2g32h6nb/AGiyv4zA6D3OQR7gjNaEUyyRkjoOtJDJ/pEXGAWwB60FHm82k3XijwvaeHrjxXp13pepj7EL+3jcX1/Einegy20SFYyCw3E4PC9K9B0nTbXTLSK1tEWO1gRYokTOFRRhQM9sAV5P4PVv+Ef+Grt+6Ua3eoNrdf3d7xXscPyALjApoCeNflokXinjOBTW71QEQ4OQec5Hy8A4xg/UV5xD4NPgfXJoPD2v2ulwa5PNdro+o2TXMfm7cyyRMkiFRxyrZAPavSW+6a47xZtTxl4IJjV2a5vYwW6jNox4/wC+aANBvC9tqGmR2et+Vr53mR2v7WN1L9mWMrhQvT1FGl+ENB0W6N1p2haZp9ztZBNa2ixvtP3lDDkg7VyDW1+lI1A0cNYfD++8M/boPDGtw6Vpd3M9wLW508XJtHcnc0J81MfMWIRwwGcgVqeEfCFh4G0GLS9O814lLTyTTkGSaVjl5GIAGWOScAcmujLfKartQUcPp3jDWL74p634WltLEWWm2sN4t1CZDI/m/cUgfdICjJ71D8OfG2peL7nxHHqNrZWjaTqMmmr9lLs0jR5Bb5ugOc4rmdQ8IweIfj1rN5q/h+8uNIk0u1tra7lhmjiMybi48xSoHytwxPsKi+DOmS+G9W8aWUulahptjPrMl3YNdW0kccsLBQmNxJ6r3JPrQB68u7adrfL7GopmbH3mpFf5eufrUUjLQBBewrdW0kNwPPgZSrRN91geoNecrI/wpvBBOxm8G3D7La4brpchPED+sJ7H+HgHjFekMMgEcDBI52gY6k1wut+OIdYmutH8O6Yviq6wYLlmbbp0IIwUmmb5TjqUXLbhjikBa8WeKoPC9hE4he/1C6PlWOnxnE1zL2Az0UdS54XqeTVDwt4Vm0+4uNY1eZb7xHejbPOoPlwJ2t4V/hjHb+8wzXI6D4A1z4a3kerkf8JhEtv5Dxx5S40+JfmEdsGc7ocdY/lkOM816F4f8Saf4o01b3S7oXMQJR1wVkRh1DqQNrDuMDBzTAZcafbK88i29uss3+smWNS0nrubvWdNoOkzW0tu+lWDwTf6yP7LGFfHTjbzitm4l8wbfm5qnJGy4w1AHFeJPBr6ldaTbWWn6dY2WnzR3VvqEMjRzQFTl0SJVVcMCFzuPBbiuodTk5696mkVv71V5FagCncfeK1S/wBn04qzdq3QdO9V/wDURkfNQURyL8tFRNcLg5DCigD1oxAnNIy0/dQzbRz0pGRHTvL3UKdxo8zy6BEyRqq8daizjI9aXzaaz0xCqm2ua8WKLrxN4Iti23OoXFyR6+Vaylf/AB5xXSeZ69e1cr4kZ18b+CJScD7ReW4b/aktmIH5LSEdgmApA6UKvNMik3DPQU/dt5pXAkVaWoGuQv3qFu1b+FqLgWvlXmmO4UFt21agaY/w0nl+dhpDuAPAoAWVTcBWU5X1qdF2Jz0zTbq6isrWa4m8zy4YzI/lqWO0ddqr1x3rk7r4reGl8Hv4oe4uh4fzzeCxlxjdtyE252buCTxmkB2K/Nk0rTttALZHpXIat8QLHRbr7MlvqF5c/ZVvZrS3smkltoCcK8wHQbs/KOe44rY0LVV1zTLTUolkeC6hSeFpBglGUMpx9CKANhH3Rk03zh1b5feo98m4fKu2ibDrtUFmPagkz7zwn4e1S9e9utA0u/u5NrPNcWMUsjlRhcsVzgD1qGPwb4ZhUSR+HNHXnHyWMP8A8TWjH56HyyrDj+7TZUPl7Ru3ggGgB9toOlwYMWk6dGO220jGP/Hatx2dvGcpbW6f7sSrToxsA+lTK3r0oKHR/L/Co/4DUqs68qdv+7UJl2sB60BueelAE/nSkkeY2Mc/NTVXbz1qNJdrY9akkbaud1MZJSN79Kj87gZ6VBJK3nfxYxxRcROzbmxTvvLiqka7jk9Klj3LMoX7vNFxbDJJDA4VV3M3SnoJGz5h/wCA+lYN54gvLS6kSLwvrV4FYqJolgCNg9VLSjg9uBTP+Em1N2OPButZxxuls1/9rUXC51Ee0LinN8yEVyn9va6y5Xwfff8AbW/tV/8AalT2+ueIpFIPhIqCP49Wt/8AE0XC5sm2C/vEZg3dC3H1rmNRsdT0PW7nXtFtW1BLoINT0mN1R52QYWaBn483ZhSjfLIAvIK4q3NqniZUVYvC9tn/AKaayi/+go1Qrqni0Bv+Kc0tW3c7tZY8f+A9FxFf/ha2iRt5c8uoWNwOGt7mwuUmU9gFEeCT7VX1CTVviHEtlJZ3Gj+F5GH2uS/zDcX65/1SRnBiiYAb3bDEAhcBsnWXUPGMi4j03RIl/utqszfygpFk8Xtjfb+HUGe91cN/7SWgaOhhVlRQqJGgACoBgKPTHapvmbg7c9q5118Z5+V/Dka9hsuGz+g/nT1j8Ynhrrw7Fn+7ZXDf+1VpDN3BXr1p6rnmufbT/FzEg6xoig910qY4/wDJml/svxV38RaZ/wBs9FY/zuKANxtyS7h0xim8vdCMbDJjIj/ix61iroviZ/8AmabdP93RU/8AZpWry744fCXxb48bRbazvo9Ungd3k1CS2gsUt0IxsDp87EkZwOm2gD2/aZCEZTwf4qWRG3ja2Fry/wCFvwx8ZeEbi0n1rx9dalbQsM6THunjbI7yz/Nx7V6pIGccdKAI/wCI46Y5qDymacMvyrjrUxHlsAaUsu0/NQAKm5snkVP5lU/OC9eU7U7d5nI6mgC0z7hTV+Y4qHc0ceB1JrkLr4hTW/i288PweGtV1DUbe0W+LQyW4R4S5QFd0gY5IIxjtTGjtHt1Y5UbW7letS2qokyM54yNzMfu89SewrldJ+IVh4g8I22t6JZajq6XUv2eO0ghCzJMrEMsmThAp4LFgODjNV18H6h4pZX8W3ay2jEMNCsmItEI6ebIAGnI9wq+zdaRR5x4X8c6UV8DaYk8iy2/iG7Ek8kMi2pDfbAAsxXaxIki4HPzV9B+WVY7xtb8f61nvpVpc6adOmsrefTynl/Y5YlaLaBgDYPl4HTHIrnofCeq+FMDwxqHm6YHXfo2rO7xxL3MEw+dMD+E5XtxTQHYSN6cjvTQ23muL+IXxUs/hvqejJqljL/ZWoM6HUoJQRalfvPJEAQF+dAGBNaN54kuI/FGm6THYRzWt7byXa3wusKiR7Q+V2HcD5iY5FUB0fmLuI9RXlvjzxppsPjLw55Es14uiXU0upT2Fu1zHYo8DoPNKLx85GU6jqa6LXvC2qeKb6ePU9U+zeH+NmmaduhkuVHXz5s5Az/Am30LmtzStOt9Ds4LTT7dLC1iBCQ2yeWF98dye9IDl7vxvf2LHU1srfxD4TuDuh1LQyZprZOp8yLneo/vJz3KVv6J4i0/xLYJqGl30N/aPx5kLA4PocgFT7EcVh6j8OUjvpdT8O3reGdXkcSTNbIXtLonnE0BIRsn+MFW9+1cdqUMen6o91ryyfD3xNcEIniPTXMmmXx7efkKme2JQjc8OTQNHrYkGzcevfnNVnuuTxg9m9KwJdePhTw/Hd+LL3T7eZm2I+nhmF0D9wRRHJZzxmMbvwrP0m+8U6/qUVz/AGfH4e0CN8hb5DJqF1kcZT7sK/Us3qAaZR5t4+stb8N/EzW/FXhlWuZLGztZdQ0dGwNQt38zzCB2kG0sPUVr/DHVvD/ijxN4q8R6Gq3dvcJbTpJEMSBjAWZdn8L7wc+prt4/B86+Lr3XG1Z9txAlv9iFuqrGse5l2urbmwXcnPHNN8K/DvSvBOqa1eaSjWqatMl1PbKMIsijDMg9zmkBRk+JS9D4Q8VoO2dL5/8AQqyte+KltoumzX1x4a8TwxKBuabTDHHydqgvu2jJZeTXoc0bDgdaw/Feg/8ACUeG9W0lhuN7ayQr/v7WCf8Aj2P++aAOQ/4RnW/HEBfxVdPp+muQyeH9OlIDY6G5mU7n/wB1CF+tdRZ2ttp1rDZ2UEdpawjYkFvHsRQBgfhWZ4B1h/EXg3Rr4vmaW3RJgvVZl+Rx/wB9A1sLb7VBByaYFeWZoTs3bs/xVyfifwnb6lfx6pa3c2laugCrqFmVWQrnlZR0kU9g/TtXW3Vudu7b81ZckbyTKX6qc0AcBY6tqnjLx54k07+2rrSdJ0ForYLpuyKS4mMYZpHchsKDkBV/Gsjxpq/iDwJJ4ce+8WMmn3WuG1mu3ihT/RSm5d+UwjhlxkEAjsK6LUPCOraT40vvEXh1rOQakiLf6beyPAjSoMJNFIoOGx97g5rL8beGfE/iqHw6xg0vzbHV11F4Y7l41WNV2CIOyNuOG+9hfTbQAmi+OJte+LF/pdn4it9Q0GPTI7pEs0gkVJGkKlfMRcgKece9d9Ix28jaf7vp7VxEvhHVG+J0+swW8NppU+lLYNNazos4cSFi4QrjPbd1FSeAbi7+za3YX73zT2V/JGFv5/OlihZVdP3v8YwRz26UAdPJ0qq3y81aY7uf5VRuN3mGgorzYaQgfjRUcrbRx1ooA9b+WoLl2YgDpUka9af5Xy89Km5jchhY/wAVFwdx+Wpki4NATbTEQRs23HpVPUtc0/RUX+0L+309ZPum4kWPd9DWltCsXPcgV558Oh/a/jz4jX1+iT6na6nFYW4dFZobRYQyKB/CHZ3YnvimI7i2uo7yNLiCSOaKRQVaNtwIPQ57/WuH+Nni2y8FeG9L1e6MiT6fqcF5bCONizshKyRbxwGaJ2Iz2qh8O9Qg8NzePwySx+HLHxA0NjHawvKsZMa+cFVAxKq+BjGABXV3N94S+JGi32jtf6drFpcoUltllG7/AHjGQCCD04FIC14L8SR+LvCemaxDH5AvId4hWTf5bbtpX8OlbUkgCM5IWIEbtx9eleZ+Cwnwt8NweDbJn8Wa5aTTtBaWWBJFCzl4zcSn5YcZ5ycnnAp1+z6hrQg1Fk8WeIrdwyaLp+F0zTeOHmdxgsPV9xOPlQUgJLed/G3xY8TaPqLyTaP4ftrUQ2KymOOaaZWd5JCrfOFUYA7Ve8ByS6f4/wDGXhZZpp9L05LO7tFuGMjW3nKxeLceSoK7gO1XbXwjd3GqDW1vl0vxDJbrbX8tnD51vcqp3BWVzk7ezEknHStvw34ZtPDS380U8t9qepT/AGm+vrjAkmkC7EJxwqKBgL2HFIDSkO4qeRz361MN1VmdVbP8I+7VyJyYt7emaAIrglbWVj/cb73+7XzDcWmqR/si29y+t2h097SIiz+xKH5uRtTzvMPU5PQfQV9RSQwX1q0U0Uc0UvDxzKGVh6bW61UXw7o8dmLSPSLBLINuFsLSMRhvXZt6+9AHlPxIhtRrWqeJPDviWPQfFOiWaJcW966C21C2CCWNZEPVfmZd45zxXpfga8fWPCGiXstidNkuLOGZrHaVEJZASgB5GM4wfSr11pWnSLE0mm2bGMAxMbaM7dvA2nbwRWX4W1a6h1vWNB1OcT3lu322znKhPPtXOFIA6sjfu29lWgW5vfMrc8iuF8e39xqvxB8GeDhNLaaXqkdzfXz28pjlnSFRthDL0UtksO64rs9c1uy8O6Vc6jqUn2ezhXLMRlic4VETuxPRf4myO1c7ceE7jxtY2Ooa2G8P6zZ3ZudLlsstc2CMuNku/iQuNxdQOny54oEZfjH4b6Lp+ka9qmn2xsfK0O8ga2i3eS3yiRJNpbAYMmM9a8v1xnvPgX4ItpvDF1awG60kG/naAo/mSIJXwJDIfM3fxAe9e5XHhGfUdP1G21LxDfX5vIHtWkWGOOOOJxh8RBSrMVB+Zt3tiqN58LbHUvB2keF7jUtUFjpjQNA8ckYlLQ48oO/lnIXGep60AdG3iHSodeGhR31smpKrGKzBCnCqDgfw/KmDtHNan6fgR/OuM1C1u9T8caFdWQv/AC9NnmF2l1ahLSSN4irTI20EyFxGoIPI3cV2qtjg5x/tZz+oH8hQUN2/L+NSLAxXIoDLuqwr/LQBXVH6NTli5qQrkg1J8q0AV5I2yqjp1pXhzlvWrO5cc01nA4HQ0AQLb44p6w7Tx1p26mtKp4oFuRzL93609VWoJF+0fKQyhT1qysO2NT1oEPK/KP4qh8v95uxip2hSZed2R/tVEtvH2XmgBJl3Yb3qBt7SfLwvc1e8pWjApkiqmMdaAGxxL60s1uuxW+7zUXlrySzc8/epDtZeu7FAFkN8w708Lk1WjZU+YNkdCvpU0cqbsLQUS7aNuFI9aVm2qTUUcvWgB6otDr8ppRk80yZuKAHRfLUj/MMs30qvEzOPpT23f8CoAjaNnkFRzR7WlwvNWVySCeopsgXcW29eKAKiwmfaxG3aa0Fij29ctTEO3AK8DipnYLHkUARba8M8dW2q658bNSsvDXiRNF1tvDUccDRvF++lFwzGFiy/IdrA5HIxnvXuiPTvXCrn2XmmM4L4Kaho1z4Ti03S7B9DutOdo73Sbhj58Exc+YzMfvKWzh69ERVVFOMfhj9O1RJIzY3fw8CkM3J+7SGXFw33aVkqGCXinSM3FMZxPjIabdeNPDOmajCt1Bdw3tvPBIjMhWVEVFfHALFDgn0rkvBXg3XPAvxJsNGeaTUPCENheNpF64Z3gWR4c20jDuu3K+1aXxk1WXRte+H851HU7WyutWa1vobGefbPD5TNtMURJbBX+FS34Vnw+Iota+O+jwWl5rENjJos91NZXX2m1iadJFCSeXKERiBxwCv40wPXF+mPahtq80yRW7MfxGP0qrMsm7luKALNNmiiuIJIJo1mhkUrJDIu6NwexXvUaswWnRszDG6gaOa0P4c+GvCuoPf6ZpEVtd4wrszv9nQ/eSIOx8pWPO1ABjit1vru9+Ofy4qWRW4+ZaryK2771Moa1N5pjq3mDPSmTNhsUgCTHNVmwGycY6Dd3z1FOn3be1V1Z1cZIZThvmXoATx+JoA5XQdK/wCENvNdhuZrW10681CW70/zLhVLCQKzqF9nL1vh0ZXkEiNEvWQOu0fj2ryL4V2qeMNQ8aav4gs7bUdXGtXFltvYlm+zwR48uFVb5UA+9gct1rO1zw3baH8RvB3g9EA8Jzx3+rDTmT90028hVYDh1QOxAPQUwPad6zRCRGSWE9JEbd+Ge9UrgbpCmz5hyV9vWvF/ibq138KfFmnXnhqCGy/tXS78z2NvEPJeaCMyRzBB0Ycru9qj0/wjaal8F01pFC69Jpf9qJrRYm4NwE83cZBzjcGG3pQB7FIu5eBkVBJCY8FlYD1r580fxVLe/EDwnr11pl3eXGo+GPtDxWKF288SYMnlhsdMjNdL8I7x5NZ8cSRW93AI9WkSKG+Zw8EJRWWPaeByWbHbNAHq17a297ZzW1ynm20yeW65PKk56jkc+lULLR7TSbcxWdutrGzZZQWJJ+r9fxqdbmVVw0fPu1RNcN24oASZeT25qncRY5qS4um2/dqtJcHZ8y8UDuV5IlopjXSLkHrRTsFz1RpdmPepBNuAFUtSlez0+5uI4/PlijZhFv27iozjdt44rg9C+L0mpWnhK/utB+w2HiWX7PZyx3nnGOQhtu9dgwCVODmszA9J8/HGaTzG3BqT7OWHHQe+aqXeo2dhxdX1raj/AKbzKv8A7NTAfretWmh6VdalfyeXa28ZZ9rfMcnARf8AbLcL7sKwrPwvHrMNrq+t2jWOuzwAXI0yd7Y7c7lhkKt85UHH+8DWbDqFr4v8SG8e4gbwtoUyoszP+6vL/K4we6x7lwf77A/w13xiOWB6g45NMDM0vTrPQrGCwsIIrSzhUqkUYKqoJyW55Yk9zTNc8M6N4iBbVNIsr6Tr5k1uDIP+B4DD8DWn9l3cnqOlP8k+XubtQB5RovgcWPjTxHoukajd6F4b+z2l1dWdnIxlmmkM5YJMzEoCFXIA3/dwcV6FY6XZ6JZR2WmWcGnWq8mOHAUe5OSzE+pJJrD0lXm+IHi/DYItdOQL65WY11lrCLqEFvvY5pbgVoULZYBgDzzUsaMrnLZHpVuO02LTxF8tFgOc8UeJtM8G6WdU1eR4LJSA0qwvLjJwAwUN1PTijUPHGlaVqWjaXci9N7qwJs0jtJTv2/M4zgBSqkEggYrlf2jFMfwl1XlULXNkAzfdBNzHgnlc49M1T8RWOoWPxm+GiaprVvqRaTUvKCWi2+39wMn77Z3dPwoFc9UWNRgDoKl2rt46U5bdNvByPUU/yf3a0g3K/kqynPTFcT8Rs6HpMPieCRYr3Q5BLEzFQJ4X+WW2z/ecfdH94JXc6ldW2kaZPf306WtnBGZJZnOAqg4BH+1ngDvXKaXoc3jC9tte1u1a1s4W83S9HlGPKGOLmZe8hGML0jzn72aA2MzwjcSfEC8tfFV6F+zqWOk6ap3pZ/wmabHWfAxgfc5Uck136zF1+TJP909RXEX2hX3grUZtf0KF72GZxJqmjR/8t8f8t4FPSYDlh0k5zzXW6HqllrWlw6lp80d3Z3Cl4nXOGxxgqejDuKBFyNi2VbhhzT97bhjrStES28BiOgO2nC3kUghC3+7QNCq5bg9aezfLx1pvlM7NkFCPWmLDlst1A4oGMaZth2/MR1qWOSR4l28cc1G1tvidduGJzmrMcZRRnrQAQvuO09RxUzMyqc9KbBH+8J9amaPeu2gVyDdtXNQ+YZfu/LjvVg27KMHpTRa7ZPlO3I5oEV4HeaRg24bTjNTKrebt61NFbrEG2nLHqadb25DmRmy+cY9qBoYsLDHy96sSq3l7R1qTpwOlLuH8VMGVlRliwOtIyycVaVlY4px7UWEQjdsqPbu/hqx60fKvNFgK0kbNgLTPJaru1W5p+ygDP+zs3O7bj+H1qWFMoxBwRVn5aAka8hcH1pDREoaSLDevFPjjZcjd2pzMq0ebQMj20jL8u31qTrzS/TrTFcZDD5a49adtanLUvFAyFVo20srKp/ve1CyKvJ4FIBFWlZfl5XntSh8kkdKduXv1oAgjRjk+lTKvQ0rNT491AxWhVhTWhUcVI0mOKA3y0DCFNrCnuu4mo92GA9an8xVB9aBnF+OfBF94q1TwveW2oW1muiX/APaIjmhaTzmCsmPvDCgNycHmjVPA+oX3xK0rxRHf2qw2NlJp4spIWMkiSNvY7tw+bK/LweK7TzN1N3KrHNNAN8rAJzn3pnl7jUxcMpxUW7aD61QyCSHa1KsdSvIqrmmbl259eaBjGiqBovmqR26U1moGVpovmqJoqtyNuGfSqsku3mgCvNBuqJoAFH3ty81M0ytSfeWgDhtQ+G9pJr1zrmlanf8AhvUbvabx7EoY7gqMB3jkRlyBxuHNM1L4c6bqen2cU1xfi9spvtVvqXnk3cUx++wYjGHHBUKF7AAcV2TP8+2oZhtagDirH4e2tnrB1jUr+58QaosP2eOS+WNVjhJJeNERFXLZyTnNYMnwkW30O68P6frl9Y+HZs501Ioy8aM3MKTfeEZx93sK9NkdW4qpM22gDzuT4XJD4u0zXLPU1s4dPsv7Oh09bXfEIC3OHLeo+9jjpg9ai8L+ApvDWv8AiHU31P7amsTi7lg+x+W0bhduFO9s4VRmu+Z+uelVZX3cUAUZLfaNtVZbfaa0JKpzyKGAoApyR7uG/CqlxExQitGRlqvJQBjvb0VZnX5jjrRTuB3+vzLb6DqLhZJGNtIAsKF2dipCrha8R+HfhTVPBcfgjW7rStT1i1hsxY3enTxyGfSZjuxPBG/bsxFe87mTocGm4L/e3VFjIzda8D6F4mvBf6lZteS7QirJPKEwP9gNgfQ0W/w/8LWJ3Q+G9KVwc7mtIyfwyp/nWug2YqDVtSttH02fUb6dbeytk8yWUjgc4HHds8CgRxHifSLPwrJf3TWqS+EdVXydXsQoCWzNhRcqB91eisO2A/at7wVe6lp891oeomS9WyVXs9WPK3dsT+7LN/z1Xof7y81p6VcPrGkx3Nzp82nm4Vi1ndAM6qeBuA4yR1HVa5C88e2Xw58YaN4Ru9OWx8PTW0a2mpxyO8cLFmWOOUMvqjAGgD0ZJMYByB70jlmPH3a5/RtZ1HUvEmvafNbW0VvpphRZopS0khdNw/gCgjpkmqc2n+KPETKLy6TwvYNkG204rPe4/wBqVlKJn/YVj70bgRabMlr4w8cXTqxhgisQ5jjLnAjdzwvpmup0HXtM8R6at7pV9Hf2Tcb4mG5T6MDyp9Qelcmvwvs9NK3Og3t7oerKd0t95rXBufa4WRsSg/mO1YWrQrpeq/bNdjbwbrTnbH4m0YmSwum7faFbgemJfwYdKNgPW/OVvb8c01m2tmuQ0fxFq0N1a2OuaYzyXTbINX0sGWzn4z8wPMTf7wx6MOlXtd8U2Xh4QpdPLNeXP/HrY2sZkubhvSNBnPuxGB60XAxPjTBeXHg+OTS47G51Vb63S2tr+2jmjkeRxGFw/QnccEc1j6P4j07x5P4K1Gwt7fTLlr99PvrBrKF5rR4oXkMO51LpgoCpBGQ1dL4g03WPEOk6ObfTEtrxL62u57e6uQDAscgcx7gCCTjoCfvVBcfC2BfirpfjSwl+ylRImo2+793csYXjSXb3kAfr/dxQKxtah8QvC2kXk1pf+IdPtLqFgksUk2WjJGeR2NZk3xg8Fqpf/hJbE7VLN5e44x2A28k12kfy5woHvjJ/GmMz+cDv9c+nA6H6g0BscboSv8QJ7TXtQQx6DH+/0fS26zf3LuYHqc8onRQQx5rt2kDck5J781xfhO3PhbxBe+Fn+WyZWvtHfd0hJ/eQj3idif8AckFdkq8DtQG4nmANkdq838TXAb4maF4P0zdolnq8VzresT6efKmughVNgb+Hc20uw5INekeXXN+LPA3/AAkWpaPrVjetpHiDSWb7NfLGJY2ib70MqMRujPXggg0hHL+OvB48P+F/E+q6dqmpQW0Oh3JFq2oTOIrhQsiTRszblbKkH1/76rj/ABRrH2j4a/Du1W01+3uJL/TIpby48+BbjzQDMrSbtziT0PBr1fVvBur+IvD+q6ZqWvxA39q9ni00/EUSMcOQpdmaQgjBL8D+E9aq6v8AC+TW/CvhrRJNcMY0O4triOeK1Qmd4AFhBAbhcD5v7x5oA6wapp66pJpUd5am+hQMbFJV8xU/hOw9sd6slVchure1cJcQLe/FDR7jTJIrwWTXkWpQx2rRtCzoN03mngszqigHjDNiu+8pvX8hgUFBuPy59amk2rzUaoVIz0qSSMyJhaAGrKMDFOjkZn56U2O3Kfeap1VaBWFZqafu0u2jarcGgRX3tytSpJ5aCn+QtDWo2jPTNAEfnMxG3p3o87+Gp4bdVJpzwqpzTQEMSbTUrUsca53VKyq3NUBD97n0oWTdmpFVad5S0gGrtVCaar7sj2qTy6PK/wBmluBXZto4603LHnmrCxquRt605YfloAq79q470gbjA61P5f8As0bV+lIBI/m+tSNupy7VXNKrU0BGFbafmp6KzcUqttcsDtPSjzCrdcjvQx7EUifNimv0FSTv5nPakXtSGV9zZFSxq27O2lZfmqXd0HpxQArJt5pY91OVM8+lS7WC5EbMP722gaIpO1MHenM3T61LlWxQMI8tgHpTjFvOR2oDKOPenGYKSAV3Dnbu7etACDhcU1fmOKVJlbBByD3pdy9utNDIym0k0xqe1xGm8tIi7cBst930/Ol+XnPX2qhorsrVHVl/u1GzqFBZgi5xuZup9KBld15/u+9MMfJ5qyf84qBpl3EBlO08gNzQK5Ft2cetQyKzMRVjco4pkjcUDKTJxSc1ZjYPnb85zj5eoqKZSpweo4oAqyRbmzUE0bNVpu9RNtoApbMAiql2m3mtJsdqqTfMT8vNAzJmXdVKVNp461sSQ4ySm0etVZI1PWgDMk+YEHriqEq8D61rXG1eBVWTaeD0oAz5m2qPrUEx3itGSNWFUZI1DEUAZ8iMvNFWZl+WinYD04xqSDUnlLxUNvJuWrH3eaRkHlVynjBRJ4i8F2UoU2lxqrSSL/DI8UE0kSN/20Ckf7tdNJN82KyfEuip4k0w23nNbXEbpc2t1Cu6WCZGyjKO5zke4+XvSEbe5GXKnOa4bWvDlr448Ta7pOp6bePpNzo8Fq1xJbN5ZcTSswRzxnEkZHvmuB1f4tfEvQ/HsPhdfCei61cSIkkbWMsm0xsceY7DhQWVyQei4r2rw5Nq11o9vJrdjbadqLsd9vbz+ciDsd/qfSkByvwn8M694ag8QWviCc31x9tiS2vgcm6gjhRIn/3udp9wa7pV98+9KWOOcg+/Bpu6hAZXjPXZPC3hW+1WKCO4ktyh8t/u4aRUJ+o3VszQoyyROqTQOCjJIoKup9m61h+LNIbxN4b1bSC7RrfWslsG/u7kOG/A8/hSeC9ePiTwxpd9MFimmhWO5jHWOZTslT8HBH4UMDLk8BXOjN/xSutSeHreQ/vbKSBLm3QHq0UbcxsfQHZ3xW34e8J2Hhvz3tRLPfXAxcaheu0t1Pj+855A9APlHbitTee/Bo5/vUgHhckHn8etSVHCrbznpipm+VaYCNwMeteXX3xSLftBaX4Gt5IzZLpkz3uFyTcGMyxjPbbGhP8AwOvSsMzKuQC2QN3cdSfwrybwj8N9H1r4ja149t1uEnXUytlc+Yx+0FA8dwxB42F3KD2iFMTPQvFmgPrVvaS29zHZanpt0l7b3kw/dxYJ8xXbsjR7lb2IP8NZU3xa0WPR7rWILTVrvQoA3/E0tbJntyQw4X5gzjI+8Fx71P8AEzS9Q1r4beKLLSlZ9SutOnitliOGLFPuj65Ix33Vn+AfGHhu4+HWik3dqttHYQWcmnzbVlVwqo0JhPOSw2lR1zmkxG5qHjO2TWLvSdOsr3W9Qs0WW7i09FK2wYblVmdlTew5CBizDnFVT8T9AHhdNZFxLLFJcCwSzhhY3TXRYqbYR4H7wEH5Txxncetc18N7yDwd4j8fabrt3Dpl9c61LqtvJdSiBbizkRQhjZuqrtYEDkHivPovD+oWniCD4gy20ieHH8Yz6qB5ZDJZvB5C3flnlV3Ddk/3qAPbLfxsi69ZaRqmnXWh6jqCtJZJdtFJFcFB8yq6ORvHXYTznNUtE+KMWt+Etf8AEFvod9Hb6LJcRTW008YkmkgH70K27Ax6t17VheK7qDxx468B2+h3Md9DoupnWNSvIH3xW0AQgIzfd3v2U8kBjXE+F9Pjuvg74+vxrOpQlrzV5I7G3mAikErP5Xy7dzCT2oA938M683izw7puqrFNaQ31stzFFNIHZY2AZScdCQRWuzqWzjHtnNcn8LXWX4b+F1jJJi0u3hYYIZZFjUMpB5BBB611W35uBg+lICRm24NCzK3FNZd3FR+W392gdywH3HFO3bag2Mij5etSqrc0BcdupQy7hTNu7g9e1KEYMPlphuT7qN3r0oVKGSiwDfN/2qN25eTuFOMXAoK7VB9KNhDQ2BjpTvM+Wo8eZT/L6UwGeav8XXtUsb9KQwKzbqXZtYGgCVe9HzUK3+zT+aAIG+Vs07d70rLSFflFJgIzUzdQytR5LNz6UgAtt5pnnNUu2msu7imNAr/LUby7sCneVT1j24oGMVqVmZacytTGWkA0TbuKnRuBUaKu4ZGPb1qUJuYnGB6UATw92rxDXtKa/wDiV8RbSy0O81C+ksbGSzms5lhFpM8TjcXLqY8vhjjO7b0r22NvbdWPZ+ELCw8Sajr0T3hv9RVEuVkl3wsEGEUJt4wuR/wKgZwuk+O/EtrcR6X/AGK2vy6RNb6dq95naXkESNPMjllXaN/3WXLbc1JpvxL1s6tELrTdPj0//hI5vDkjQzSGcOqlllAb5cYHOOa6m7+G2jajr8+syRXSXVz5f2qCC7kjt7xoxiMyxDhjjgk9QBQvwx0ZZFcG9+XU21g4u2Ufajkebxz3Py9KYHG2/wAQptC8L3N9BpVrp1nDr19a3txbwzXEVsqMcTsiMGO6TGSDhc8irmteIjrcmt6bcWOm3ME3hFtTW7tf3gmOHHlh/wC4HUsp9CK6aH4c6XZQyRQNf26tczXReO8ZSXlGJuR/ezyPen2/w00C3kzDa3EI/s8aSUgunAW0AH7oANgZwCT1osCOB0H4ga++i2OmeGtGTVbrTdG06edJiB5hljHyh2kTy12rnfiT5mIwKsa18UvEWn6v4geOw0ltL0W+sIZEfzWmuI7naMhw2xSu7r0NdlN8JPC8xs2NncJNZ2wskkt76ZWeEY2wyHeDKnAwGBwKfefC3w/qDam01vcP/abwyXSx3UirI0IAiACtwAAOF/GmUeV/ETW0TTvGjTaZaJLofibS5VmsoSJ7ncYmLsevmbMLx2FepeA9euPFWhW2syz2cttqA862itEfMSFiArszHMgHDDAwQaZqHwu0HUpNQa4trqVr6eG7uS17IfMmiGI3yG/hHGF/GtLQfCOl+F5L+bTIJrc3kxuZ4/PYxmU9XCH5VLZJJXk55pjOJPxL1P8A4TGDTFgsb21u7q/tojFuEcZgj3opmJwxIU7wFG3pmuduviheat4D1ifULHS5tR0yWyN1o+qWUkUlu7TKCGQthgDh0ccErmu9k+D/AIUe9e7NhLHN58t1uW9nSON5BtkZFEgCqwZsqOCTmnXHwv8ADt5p89ncWl1OlzHDDL5t3KZCkTbo4w5borfNigDN8G6xrWoeOvHNvd30UumWF7Bb2lr9n2+UDCj8Nu5GD8x9e46Vxmk+IpNH+NHirw1paWljNql7DeCe7jLRMq2kfmIiqy75WLFguRwrHmvU7HwTpum69eatbRSRaleRxpPIJ5Ckm1diuVLbNwAxnrWbq3wr8N65dXl7d2lw91dTxXckqXcwk86MYjeMhvkZRx8vbrQI4q++K2q2+l33iKG2s30LT9ZOlXFqBJ9p8sS+Q0qybvvb23bdp4PU1S0r4reI59Ws3v7TSRpk3iGfQGS1WZJkZFdllyXIx8uCMV31x8MdAlvpLsWsxMs63k9uLlhBPMo4kdPus2VU7jwdvPNZWpfCvSobKR9Otbia+hvX1a2jkvpUVr0/xEknGQSemOaBnEWPiS4uvEOlaULCz0yKTxJqVlKNMaaL99EjP5nDry25iVPXORUWk/FW/wBP8DeGSILG2luftkLXWoSyvbq9uGCxb2fO6UBvmdjjawArq9A+FcWpafet4kt3hubjWZtYjWxvXEloXIXaJVC5BBYH/erJ8WfCKSzt9Es/DNpdHS7Izu0EOuyWlwkspU7llYMGjwrZB7txQG5m698Y/EGheGtO1O70nTreebT1vZbHdLJKys4VkIPMaqpDF24zwKrXHxS8R6S/j7Upk0+80/R76CGC2l8yJkikEXOf4m+f/wCuOldGvwXsNc0z/iprnUL/AFCS2ezmeO+kDSwFmZEkZdvmlNwG4rnjNWdQ+C/h/UI9TjkuNUij1JYlu0W9JWUxhArMGXlsImW70DGfEjxJc6XoNhDayG3uNU1G305pkLKYUkYlyP8AgKlf+BVha18Sn8K+K9N8PtYRiwlntrJZPtDPckSKQHwuQmGyMMQ7dRxXYeKPB8XiDQP7PkmZJbd4rmC5kILRyxnMbk98ng/8Crl9U+EVhrd82rXlzqOn6lcTW91NHYXQEC3EQ2LIisvYcU7DPOtL1eXS28PzzX955MHibVLV1a5d8wqsxCsGbn7nFbj/AB4kXSb7VX8L6i1jBbR3sNxHvjWVWfaQWkQKJACDwWGDwT1roR8H7CGO2VtU1OcwahJqIV2iwZZMh84jzg736f3qz/8AhTFnH4fvdF/t7Vzps0Rt7e1d4njtImIO2IMuSoIxlvugYFFgMfV/iWuh6tFda1pGo6TN/ZzSrbJepNE+JVQY2ZG/94vzEDaGxgVGvxltryO1SDw9qE13PcS26wQSIql0Xf8AI7EblK/MGwOOKf4i8E3HjPxQlpf2uoW2n22my2j6nIiKJJPNjeOSPDEH5o84IH3egq9dfDjULm40m8vPEtxqV/YXDziS9t12Nui8vYFjKhBjkkdT1pARWPjhL2+8P3kMkg0nxFbv9nS6jCtBOihhkDgBlLA47pXUO+5Tjdj/AGuv41x2n+AbnS28MaeZnu9P8PiacXRQRtMzjYqgB2BKqWJx3da7BY2TOcZ/2eBTQFdpMcHpRSyRO5yaKYHqkVt5ZzuqXbuBqQcgGo2k2tz0qGYkLWuGzTlgHLN9KWSXDZPSn+cu0UrgJFAke8IqgtjewXBcdhn2qde/eovNXilZ6AHbd1AiXBpvmUb/AJeG5oAds2/dribpD4C1+5v5do8L6rNvuWxn7DdsNpkf+7DKOGPZvm712ayN3pZNs0LxOiypKpRo2G5WU9QaAJhDuAYtkHndnOffNHlfjXJR+HdY8J8eGLqG70nqND1Vyqwj0gmHKjsEfKgYAxUp+IC2I26n4Z8Qac/QbLJrtP8AvuAtkfWkB1gj2gGggFQPvMT0rk1+I1pcZWz0XxDfzEfLGmjyxLn/AH5Aqr+NNWHxT4mXbclPCGnNw0cMyTahIO43j93DnvtLH6U0AnibVZ9b1CbwxoU2y+KhdR1JBldNhbk/N3mboiHpy54ArpNL0m10XTrbT7GBbeztIlighU52qoAH6CmaTotl4f0+Oy0+2W3tUYyLGzEl2PV2Ykl2PUsScnnNaA5GP6YqhMj8sL92q8ek2Md8b/8As+1W+Ix9rW3USkehkHP4Vc20bNvNSxEUkMcyr50MM+05XzI1cKfY9jUzbgxIOGYfePp6UvFOWhAMijMcZQDy1zkBe5pytJuy7Nkf7VPX+tP/AITTHYY0m5snrUirmoW5GfSpYGpCHlOKFp1G2kAHqKkVabT1+XmgBB9405etO3e9DLkZpiEZaI1paVG5pgKy01lp8jcU2NlzQAwdakVac1NHegYrfLQq55pflyKazJu/2qYDtq9utSCLcAfSo9w79afHwpNACbd1GyncUMy8UgI2XkU7bhcetDPubFDNtIB6GlYBu2m7d2RRJOAdgp3NA0NEXymhV+U0FlV8HqRQsmePTikMaw2/w0Y39OtOZvXpTRJtoAkSD5TT4125G2kW43LikWWgCXZ6dadyvBqPzt1G7byelADhwTUi9qj85aVpljXNNASnqKKZDN5i09m2iqGFBXaQaFm3cUM+7igYu3PNRyc8Ujz7CFprPQA35VyKbto3UeYu2gCNu9Nb5hileTbz7UxZvMXPpQMa1Vpm/eIu1juzz6VM0tV/tm5ioVsg4oAUrkA1FItP39aYzU7DIDUEvepnbrUEkikE+lMLkEi/Kaqt8vNWjMsi5HUVSuJdpzQFyKT942fSoJl3U9rio2fKk0DKckfp1qvJHu/hqw8nJqFpN1AyjcDaQKqzdqvzNVOZ93FAFQqvNFKw20UAeoK21c1BnczZ6VUWZm2gtxk0/cyqOy+tZGJOOQBTWVsilhfzGz1AouF+Ye9ACbcc+lSpJuxVb7zBQ3IyKbDD5Uf1NAF4feqORmWSmlRsH3t1GArc9e9AFlN0nQMxpSCrfMMe1ebfGh/L0vw1II7qbzPEFnA8NnK6PNExO+PClc7goHXtWVYav4h8H6xeadBpd1PBq1xJc6Rpt/O0slrbwxIJC5Ul1DyMMDcNmckjpQB7B5yqwBZcGo5Lww3cUaBsP/FXkmufFLXtHt9Qd/DlrZyafocesXUF5cM8kWZHV4cKu37yHB9qt3vjC60TWPGVzBokct3YPp3mzweZPKYXXJd0X75jQn5U5xyaAPWWmLR5aQlT/eb0qPzgwUhlwRkV5ZbeJU8TatoonttK1K3vvDuozLeW3mE4V03Iufuq3yZDcgpzXPeDfG3iO38J6Jo3hvSINQuNI0LT7q8a8ZQH81WYHd5ibFCo2X55bGKYHu3noVyWXA6/NUaapaMEC3UDB2KKomU5YcFVH94d68l/4TzX18VTB4tMbR18UQ6EY4oZPNZGiEiyeYZMDG4A44Ncjr3i6bT7Lwvr02l2kM9nr+tQ/wChW2IkCxzRmZhzlQRvk68BuD1ouSfRv2gN9059xUsM25SB1ridU1e/0HwLd6m+oWNxPBaNcnUZoits/wAnDlE+YrkqPl+bGMc5rjdO+Inin7BrUMcU11c2OrRIVWKBdRe1e0WVwkf3GcE5x97buzzQB7BJqVsl+LM3ERvPLE/2fO6Tyy20Hb2G7PNWFlXaMcj2Oa8J8XeNNR1LQ9fuLHWVeKTwZBqMN/bWaQSeY0zKx4XcoIVvl6DdgYOWPtGkW7R6XaIbmS9KoB58mzL4HfGB+XFA0XDcBWAHrTlugzMp3ZBxURiO4ZOT60oi4/Gi4yfz8LjbSxzVGE456Zp2za5NBJYWbdxSTO7bQv4/So7b/WfhUjK28benegBd4TLDoKUXPmRnHWopI2YnPSpEiZUAG3FAEcd0y5J65wKn+1becbm6U1rbpjsc07ydzZ/iPNIAWZuTsxgU4XR8sNt4xzSrEybmLfN0qGS3aRQA3P8Au0wJnuN0OR3pbc7owfaolsy0YVm6DFTxW4hQfNk44piGeYdzYXpUUl1IiqNvWrOzqf71RNYbmyTgqMBvSgYiyM0q44OKRzm4jB+8uTUqWX2coA+SmRmk+yr5m5mbdilcCOaZpEB9GqdbhsP+FM+zblK5Y85z6U5bXy8jOc96LgJJcNu4pFldue3enfZdjbvXin/Z/wDaouBHDKzMSemaW4lYcjpU8cKqODuNMmhWRiG44ouBV3MzBlbjHNWIZWdfpTEt1UAVYj2qNqr9aAK80m7fULb/ADCqSYPWrM0IVsim+Wv3h1PBpFFVbpwpDt82aR7j7v3etSyWcbMCV+bP96pGt42wNq9aAIPtDbpWLcLTR5zTEL93GattaxqwO1akWFS20quCKAK0cjDYF+pqRZGkUfM3Wpxboh49KYsXzUALjC7t3eo5m3bQCzAnmrawqSD8vFDRru4XmmA+MbIVpJPmINL0XFNwp49aYCxyZ59KbNN+8A3dackaoaftDdRupjIJNzSIfTNV3ViSdzf99Vf2Lg8Y9qYyrQBUVmHHXimGT5WUtzjirLKv92o2jX+6tAFPdtXaOtNLfu/xq08S5FMaNf7tAynLJuwu6ovL2dOuavNEv91aj8laewynI3zH6VVd23DDcVoyovdee1QzQKcZpgV5mPklh1xxWYZH2jLcnmtWRfk2iqzW60AUJWbyxjrVWRmxy3etRoVqrJb8nHTvQBms3zH61FKzKc/e46Vfkt1wcdarNb0DRlSTHpuwx6Cq8kkir97nNas1qo5HWs9oGZmyNoz1oKKkkz92qDzGZuKsvbrz81QeXtoAhuH8tSR1zRUV5G0mAG4ooA9TNuisNq1J5Yx81OT734U1mORWRiCw7eR0p60nVeadGAMUAMkjUtUka/Lz0ob5ScVErHcBnigCbbRsVeTQvejA9KAMnxH4SsfFDaY15NdRf2fdR31uLaXy/wB+n3Hb5eQMkYo8SeDtN8WPYzXf2mC5sZGktruyne3nQMu1lDL1U45Faq96fGTQBy198LPDd4t6sltc+Vd2C6dPHHduoe3Rg6pg87t7MS38W5jU7fD/AEZNQurxftq3VzJBLLcfbpFO+EbYmH93HT3ro260Z+WgDmovht4fhaCSG0uYpILWa0j8u5kU+TK26VSobJLsSSfUmo/+FW+FEn01jpKu+nxLbwn7RLnyVOVjb5vnHQgPwO1dSv3vwptAGCfh94caZ5307fI96NSLfaZRm5Ax5oAbAfB4x2otPh74asmhZNIjHkyyzp++kO15F2zEDdzuHX61vux2daIegoJM+18K6RYaEdFg02CPRmRo2seTGVJyUA7AnmqEHw58K2sW2Pw7py42kbYVHKqyjn/dZh/wKt6Vjlue1LCcxoT1xQBmnwrobySudJsy01t9jcmNSZINoUQ59OOlaltb29jaRW9tFFbW0KgJDEmxVGOMDsKgb5vKJ65NPk5Vc+tAFuPHc5p0nPK9qprI3nNzU9ud2/POOlMAZqVWCkE0xqanegC4u37y09W31Uj+7+NP8xueaALNKtV2Y7F5p7McgZ4oAuL92m7ttV5HZcYOKI2Lk7jnFICZ5lGBuxmnjoKo3X3T9aur/q/woAkVlbil8xVyT0ArNeRllADYGKZDK5utpYkHPFMDTjkEq7h0p+6qUTFfKAOBSrIzSNk55IoAtbtvNSAbgDVDO5jnmpYWJU59aQFr7oNRyy7FDfe7Ypk7ttHNQbj5Tc9xQBdV/wAKGaqLMQrDPXrTo/lZMf3aALattyT0p3B5rO3H5OfWpYv+PcfWgC3uWmNIq1Xb/WVDJ/F9aAL8fzMM9G5pZVjiU/xN6VVg+4v0FOagBx/1e7pTFm5HzVJIo8tRjgjmqVvGqSTgKAM0DuWzNu4HWpo24FUWO3djjpU8bFs5OeKAuWC2zr0NSLtZcjqKrqTtjFM/iH1oGWmuERdx+g+tQTXTwws5O4jH60lx91frQehoAcs3I7Gns3zDHWmKPlFNf/WLTAnMu1gPWnCTaDUDf6wU+5/1f40XAk+0D+9Su+VBqltHPHamxn7o7YpgWvMXd+FN87bx61G3So5CVIxTGPkfa2KrzT7G2jrUUjH5ue9QKo8ndjnd1oGW1lbnPSmNKv8AeqtMxXdg+lMcn9KBk+/caZLIoGKij+7UM3+tP0oAf5vX6VVkkYrkbcA0yRjuHPaoPvp83PNAFj7Qq5PtVc3HynPSq8zHzCO1UX7jtmgDQklVhn0qq9wtRHgEDpVKb71UMtSzKxqpPKq5FV2Y76guvm6845pjFlkUZqpI1JuLZJ5Oagn+7QMqXU7eY4T2zRTP4mopAf/Z)

Свойство вызывать аллергическую реакцию присутствует у всех пенициллинов. У человека с аллергией на одно производное пенициллина может быть аллергия и на другие β-лактамные антибиотики. Это называется перекрестной аллергией. Люди, которые получали лечение пенициллином, более склонны к этой аллергии. Дети менее склонны к развитию аллергии, чем взрослые. Склонные к аллергии люди более склонны к развитию аллергии на пенициллин. Это аллергия I типа, обусловленная образованием антипенициллинового иммуноглобулина-антитела против конъюгационных антигенов, образующихся при соединении аминогрупп белков крови с пенициллином. Проявляется в виде отека, зуда и ангионевротического отека. Обычно проявляется через 2-30 минут после приема препарата. Глубина реакции доходит до анафилактического шока. Течение реакции I типа – тяжелое клиническое состояние. Аллергии, наблюдаемые в период от 1 до 72 часов после приема пенициллина, были очень легкими, после этих реакций не наблюдалось анафилактического шока.

Иногда быстрая реакция типа I приводит к анафилактическому шоку. Тошнота-рвота, боли в животе, отек слизистой оболочки рта и глотки, ларингит – это лишь первые симптомы анафилактического шока. Если не принять меры против этих симптомов, падает артериальное давление, сужаются бронхи и возникают обмороки. Эти симптомы приводят к смерти.

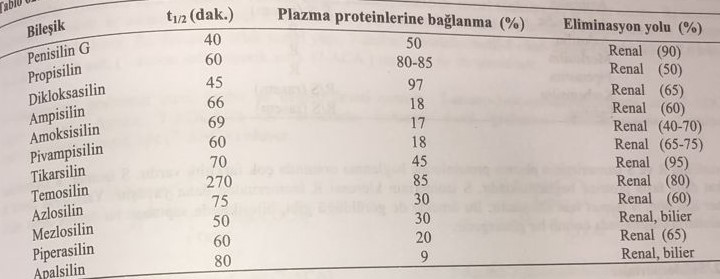
Аллергические реакции типа II и типа III представляют собой аллергии, проявляющиеся через 72 часа после приема препарата и основанные на взаимодействии антител IgG и IgM с пенициллин-аллергенным комплексом. Высыпания развиваются в виде эритемы и лихорадки. Аллергия этого типа может развиваться на все β-лактамные антибиотики. Из-за дерматологических симптомов ограничивается применение пенициллинов и цефалоспоринов в виде кремов, мазей и присыпок.

**Определение чувствительности к применению β-лактамных антибиотиков.**

Пациентам, которые будут клинически лечиться пенициллином и β-лактамными антибиотиками, рекомендуется пройти тест на чувствительность. Некоторые врачи совершают ошибку, проводя тестирование непосредственно с антибиотиками. Этот внутрикожный тест может вызвать серьезную аллергию. Поэтому раствор N-бензилпенцилилполилизина (PPL) используется в качестве тестового образца для определения чувствительности. Индекс надежности этого конъюгата выше, чем у теста чувствительности с другими β-лактамами и пенициллином-G. Тесты с этим аллергеном определяют аллергические реакции I типа. При реакциях типа II и типа III внутривенно или перорально вводят 1000–2000 МЕ (3–5 мг) пенициллина-G. Если пациент находится под наблюдением и никаких симптомов не наблюдается, то аллергической реакции нет.

**Биотрансформация и фармакокинетические свойства пенициллинов.**

Фармакокинетические свойства пенициллинов мало различаются в связи с тем, что их физико-химические свойства близки друг к другу. Период полувыведения из плазмы короткий, пропорциональный скорости деградации β-лактамазами. В таблице представлены фармакокинетические свойства некоторых пенициллинов.



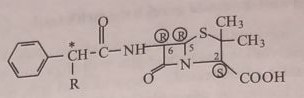
Существуют большие различия в связывании пенициллинов с белками плазмы. Ампициллин конъюгирован на 18%, тогда как изоксазолилпенициллины конъюгированы на 90%. Это очень хороший показатель устойчивости к лактамазам. Важное влияние на выбор врачом клинического применения препарата оказывают антилактамазные и бактериальные инфекции. В дополнение к клубочковой фильтрации важную роль в почечной элиминации пенициллинов играет петлевая секреция. Некоторые противоревматические и урикозурические препараты, обладающие кислотным механизмом транспорта, ингибируют реабсорбцию пенициллинов. Поэтому эти препараты нельзя применять вместе с пенициллинами.Реакции биотрансформации пенициллинов протекают параллельно с реактивностью β-лактамной кольцевой системы. Продуктом, образующимся в результате ферментативных или неферментативных первичных реакций, является пенициллоевая кислота. За этим веществом следует декарбоксилирование с образованием пенилоевой кислоты и реакция раскрытия тиазолидинового кольца. Ацилазы расщепляют 6-ациламиногруппу в некоторых производных пенициллина с образованием 6-аминопенициланской кислоты.

1) Ароматическое гидроксилирование и конъюгация (ускорение почечной элиминации) в производных, содержащих фенильную группу в боковой цепи, таких как бензилпенициллин и пропициллин.

2) Окисление метильной группы С5 изоксазольного кольца, как в изоксазолилпенициллинах. Таким образом, он образует более мощный антибактериальный метаболит (биоактивация).

**Хиральность пенициллинов (стереохимия пенициллинов).**

Исследованы конфигурация положений С-2, С-5 и С-6 в 6-аминопенициловой кислоте и угловая стереохимия бициклической структуры. Во многих полусинтетических производных пенициллина радикальная связь со структурой бензола образует четвертый асимметрический центр. Примером этого являются аминобензилпенициллины.



Было обнаружено, что из производных аминобензипенициллина R-изомер ампициллина более активен, чем S-изомер. Р-лактамное кольцо в молекуле представляет собой фармакофорную группу, обеспечивающую активность. Чем более стерически защищено β-лактамное кольцо, тем выше его антибактериальная активность. Установлено, что диастереомеры с четвертым хиральным центром в аминоацильной боковой цепи проявляют разные кинетические свойства. R- и S-изомеры пропициллина сильно различаются по связыванию с белками, а также по клиренсу и периоду полувыведения. Примеры четвертых асимметричных центродержателей приведены в таблице.

![Text, letter

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4SaKRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjAyOjI3IDAwOjQ1OjEyAAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAM4OQAAkpIAAgAAAAM4OQAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowMjoyNiAyMzo1NjowMAAyMDIzOjAyOjI2IDIzOjU2OjAwAAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAFN0AAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAcwEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A7mPQdNjARLMBVjEYBdjhQhQdT/dJGfc1ZttNtLWcyW9uqPt25GTxgDv7KufXA9KzNRx0nTnQo1hauhbeVaFSN3POCPc/nUxt4N2TBFuyWB2DIJ6n6mgBFkt4Bt3xRqOnzAUjarp8SlX1C1X2My/40DI11bTm+7eQuf8AYbd/Kla9tZAAY55ADkYtJG5/75oEKb1D922vW/7dnH/oQFL9rmY8abdn/v2P5uKQDjPdbfl0+UH/AG5Yx/JjQH1NiCLG2A/27oj+SGgZLi/b/llaxn181n/9lFReRqxb5bqxUe9q7f8AtQUxEq29+f8AW3sPv5dtt/mxpr6fO/I1S8T2VYsfqhoAF09wPn1C8lHfLqv/AKCopW023cfM11/4Fyj/ANmoAaNJsRyYWf8A66Ss/wD6ETS/2Vpv/QPtD9YVP9KAJI7O1h/1drAn+7GBU44Hy/L9KBjvmKcnmmnOOM0AYkmsG01XU1uN32azhikOCOMhiSOnp3J7Yx3bJ4mso3YPHcAqhZgUGQRH5hXr97bz6ds0AQL4vswzF7a5RFR3JYKeFjEvQN/dYVZt9bluLyC2SwcNNG0mXfbhVZQSMjkYcEetAGztpMUAG2mFeOaAKh02N/vT3efUXDL/AOgkUz+yLcHIkvCfe9mP/s1AiYabZ7cNAHz18xi/8yayJJfDK30ltJY2pmR3jbNmPvKm8jO3rt5oAuWc2jEEwQ20G2RYsNGqZYqrAD1OGWnXviC1sIDIrecixmT91Ip4yo4Gcn74PHH5igDUilSePejFlPGcHmn4FADqXaKBhinAcUABFFACAUtAhCooK0AJtGaMCgBStIEOKAAjaOQR9ahkvLSEZluoY/8AfkAoGY90fDF5NO9xfWjNOEEo+27Q2w5XgN2NPWPw68jOjWsrMhRiJPMLArgk8nJK8Z6kcZouIdt0eEh0sSSAQCtk79V2n+E/wgD6cUQXOmWpT7Pp1xGUUqhj0yVdoPJAOzigZaGpxt922vTn1tnH8wKVrxz0srs+2xR/NqAEF1cdtNuj/wACiH83prXd320m6P8A21g/+OUAWaWgQ4Cudn8KJcajdXhu9rzu7fJFhgGiEe0nPK8Zxjk4oAIfCcMcscslw8pjbO0xjaw2RoQQc/8APJTnsabB4RslsmguZpFyJVxE4ChXdW4BXg4RcgcZLY60Aa1l/Z+l2iWqXqCKPhBLMuVHYZ9B29qmbVdNH/MRtP8Av+v+NACDVrDtcK3+4C38s0DV7U8BbtvpZzH/ANloGSf2ghHyW923t9ndf/QgKadRuP4dJvW+hiH83FIByXl0/XS7lP8Afki/o5oeTUiMx2dsfZ7lh/JDTAar6uThrWxQeouXb/2QVIU1BuBPap7+Sz/+zigQz7PqR66hbj/dsyP5yGni0uj9/Uph/wBc4ox/NTQMadPkP3tSvT/37H8kFH9lRn711et/28uv/oJFAC/2XbfxG4b/AHrqU/zakOjaawy9pE/++N386AEGkaWnK6dZg+ogX/CsuK7ZfETWEcFusIn2DEO35fJV+Dn725sY9AfSgRLJfXMdzDIWb7JI0e1olUlN0mAHU84YFQCOhzmprvUp4Lm42KjrF5CKruVBMj7SScHgcduxoGUZPE0iG7QxRM8Bx8r5yQ7qwAJUkjaOOOvGeN0jazdO8qxC3ULMsYV0csuZAuSOBgqdw5HTvyQAQLqeoS207SIvmRxQyxGNGXc5dlKck5zhf++/oa6PIxj0oATdTC4BoAojTJ9xJ1e/PtthH/tOpBp3Hz3d2/1l2/8AoIFAjLu3gt9TFnJDdSAqjFkv5iwDFxnYD0Gw556Ujz6JHF5z/aym0tmR5jnCl8YY9Sqk/THqKAB59GQs0lmoVA3mLLAMqQyDkk4H3wfoc5plw9hE0rrptqIo4pXbFpHuG1I2BBzg8OT/AJ5ANOwmtLi5lgjsUh8osAdijdtdkPTpyv61rDgYBxQAvtSUgHDBpaBhS0xBzRQAuKKAA0mKBiFSaTYcYPNACbCTUX2C23SM1vExkYO25AckdD9R60CFNrCZBIYYjIOA+wZA9j2/+vVa+aGyhe9eEuw2oduMkFsDr6E/qfWgYtjdpf27SorKodoyGx1ViCQR1GRVkKPU0gEaNGClhnByM9qXaKYDSopPLGKACloEVpI4Fu2kd9stwghA3feC7m4HqMsaq3Gi2lxbyRqpRmhMQbJYD5CgbGeTtJGetAEo0+1DLmJmbkb9zHrgkk5/2RyfQD0pGi0+IpC1rCVl/djKKV5U5B9tsePTAFAEttJYGf8AcC2W4ddzKmzfg4Y52+7Z9Mn3q9QAtIWFIABpc0AOBpc+1MAzikyKADfS7hQAZ5ozQAm/0BoLE9qAAE56UFj6UAHzHtVW/tRfWj2zuUVyMkAZ4IPf6UDG2VktkjRxO/lFiUjYgiMHsvt6Dt0HFWdvvQAjEIBuYDJwM9zRg+tADSDnrRj3oAjzS7qBGVqFjc3dyk8bKsluVa3BfAJz8275SQCOOPeqf9iTm5M7CDcZvM3BiT/rt+On93K/ie1ADLHQCLCASKkEhiUSRhcjPllCeCPmO7k99o+tXotIeGSN/tKuVK/ei5O0SDnnk4k6+3vQA6w0xbCSM/aVYoAMbQM/u1T19I8/nWsrbgCpBBGQR0NACkn1pMc9aAHY+tLigB3HvSZpAG5TxS8YpgLxikBoAXcPWk3cc0AN8wY96UPkUAHmD0rnna6HiKWRvtAtY50yybzgGLGNvQpuPJGcH8SAAuIJ5L23nSB3djG7wyxEgZct8rj7jKOueCABVm9a8+23AiZ1zFD5JUA4/eN5mMjGcbc/hQBTkXW/NuVjFx5YGI2ZkO4q/HRgQGXHTGPfvYe21eXzS5uFfzE2+VOoQp5ikgdDkKGB6Zz3zwAR/YdRFjdxSSTF5ovLi3zF9r732t1OMKUyf9muhyO1AxpODUZJ60AQeaD60vmCkIytSv547qF7cMYrd1Nwq85D/L06/LndxVf+1dV89wII3QS7QqwOCV87ZnOcfd+bOP0pgQz3mqyPazfZZgBjeUiIZNyjeApHOD0z198cvaTVXnYBpDtkl8tzCpwCjbcAgHg7R159eSAhEqw6lNdW8k0BIRkYkMnynZKrEHgn7ydfX61Z02LU47iNrvzAm3DLvXaP3cY6A/3w/wCfpQM2H+71pDk9OMd6YDlyDjOeKGZsnFACAsRzRhqQC7T3pVB6UwHHrRigBMY6mlwPWgAAApRjOaAFwKTC5yRzSAOPT9Kp6rcvaaZPcxKpkiXcodSR19AQaAG6Tdy31q80qJxM6LtUrwrY5BJweOR+g6Vo59BTATHtSFTQMbtOelMOQaAKnyZ5FL8vUUhFK61OGyvbW1cDNw23Jb7vHy8e54FQ3WrxQToCpWNJSszsvCjy3fj3wo49CPamIDrEKyiLypVkZmTawUYYKG9cHIYHgnv6VSOvmKGW5kRniQb12KASotxLg89eT09qQzdsrn7TE7+W0bLI0bKxBwVOOtWaAFyT2peR6UwDn2pVJ70ALznrSgH1pAGPU0Ae5pgDYoByaAHYGc0baBBS5xQMXNFIBaq38ltDZSyXgzbqMuNhbj3A60wFspLW4M01uoDGTbLmMo24AfeBGc4x17Yq53oAUikoGNNRMp60AUA+TS5PSkSUJBYTtdQzvlkVJJQXK7ACSpz2GQTkelOhtNOuII54498UhMyFmYg7gcnDHuGP50AIseniRofLT91tJ3Zx83A5PX7uPwFK9vpy/uha20jfcKBEJHyYxg/7Ix9PagB1tqFgkQcPDbpJhgGZFySA3QHryM/5NadACjrS0wFxQKBjhS0AFIeKBASDScA0gFz707PFMBM0buKBi5paBCg8VU1K1a+064tUZVaVNoZugzSGLp1m1iksYcNG8jSLkHcNxyQT/FznnrjGavCmAtFAxp5qFid2KAM/cv40u4UiTMm017i/F1vCAfKwHPmJ12txx8wX14z61Vi0GVIQhmhLrAkKuyFiuFVTgZwR8u4ZHBpgTHQiDiOSJECBFjERK7QrrzluTh+vsfWpLfRDbTCRLngSb1V0JHRx/e6nfzjA4zjk0APXQ4jA0RuGKtH5ZKgZ/wBUI/w4Ga2R70AFOHSgBc0UAKDS0AGaMUAM2mgqT3pDFAp3SmAlKKAFpAaAHg1Q1x3TQ7xo2dJFiYoUYqd3bBHNIA0ZpAlxHM0nmLMxCO5cKhxt2ueWBHOfcjjGBqjFMBaKBjSKjOM89aAMwRjk880uABSJMiS3u21eaWGaZEiRHILOyt8r5ULnBz8pPfgetV/t2p7ZvKi3CLarIIGynyxknP8AEwDt8vU4pgOluNY+zyNEZXlUAIBbbc5TIbkeowfTODjtOh1C5uSJoWe3EpwGjX7hWQYwRnrtGQTkHtyKAGrbatHbskSuhWP5VUx8sIkABP8Avgj/AOtiuhBFACiloAKd0oABS0AFO60ANOcU0Zzz1oAcRTeaAFpe1ACGs6fV4oL8Wrwy5LRp5g2kZfO3jOexzxx16c0DHSaskV4ttsy7khCzBQ5BAIXPUjJ49qsT6hb20jLK2BHH5sp5OxckDgDPJB/I0gEOs2KFhJK8ZVFciSJlOCVA6jrllGOxPNDa3Yx7wZX3Iu51ETErnHUAZB+Yf5BpgKdXhMErRK5eNJH2OhXd5Zw4Ge4PFaEbK6K6HKsMg+ooGKajI5oAzOSDQc7SKRJnLqLf2wdOARX2q6sxPK87se/t7+1NOrWsc8kMFu/nvMY2Cooy20nceR2Q+/FADLXXUkhgEttcC5kRXMaoD8uFy/Ujb846nPXipRrassZW3uFJG4IQuWBR2A+9/sH9KYDk1T7TtMJZfniyCBghpWQjpkH5T1wRx70llq73EtrGYAEnVcOZctkoX5AUD+Ej8vwANqloAWigBVpcetADqTGKAEY4HIoUd6AFoxQA3HNKKAAj2rNm0uCbUWuzMVuMJ5ZXAZNueM9wQxBH/wCugAubK1kgW2urr5DgFWZRvYHOeRwee2Ov0qW50+G4mkLuVNxF5MgBwSoJIx9Nzfn7UDCTR7aWeS4LyiRwQ3z8c7c8dCPkHB4/ClTRLJIWiVJFiZVUoJWxwAAQM9cADNAEkun2iQyFi0asHVnLscCQgv3wMnv2rRXCgAAADoPSgBTUTEg8UDM7zB6UwtxxSJM2RNOuLySOSOR596MxXzMKRnacjgd+nqc1ai06wt5lkjg2uGLBtxIU4PqeOGI/GgCJ49OgNvH9mQqHxG2FIU7C3UngbU+nA9Klih0yQiJIrVm2jMeEYgY7j6MR+PvQBbW0tuP9Gh4xj92OMHI7epP51JHawRkFIIlI6FUAxTAlxS0AHenCgBaKADpRQAHmgUALR7UAGMUcUgEbmuevrCeTW/tKW5eJDAzY2hnKl/uk9MblJ9QCM9qAJLuyupCs8CSLckEncUaNgWB2SAnoAByvPH4GbUo52muBHIQ0toY7ch9pSQEk89ifl/75pjK9xBdC9kMVz5duU2Lm7Jb/AJZ4OGz/AHXyOMg9eSarvDcNFIJtTtQ5hAUrelVU7VBGOv3gTkk9emeaQEivawmZhfWTI6Tp5Yu9xbeylBz0AGR6DcT61uW2oWMdtHGdQhlZFCl/MB3Ed6YE39oWhGROh+nNMN9bn+Mn6I3+FAGeLq1Y4WaNv91s/wAqGu4I/wCGU/7sLn+QpCMmYx/bZ7ny5ZFk2gJ9jmJwAQR0xzkiqllYwLaxqY54XdAJESwlAU7FU4Ixg/LyQev0pgX47AEIBLOxXHzNaMpJEbR85x2bP4VNaae1pcrKFmk2jGNqjPyIndvSMfnQBpfaJ+1hcH6PF/8AF0n2u4H/ADDbn/vuL/4ugBy3FyefsTr7NIv9CaeGuz0ghH+9MR/JTQAFr0dILb/wIb/4ikD6gT/qbYf9tmP/ALKKAF/0/wDvWy/gzf4U8Je/897f/vw3/wAXQAuy8zjz4Pwgb/4umGG7Ix9qUf7sX+JNADWtbgj/AJCE4/3UjH/stC28ysAb+5Ix3WP/AOIoAk+zyHg3MxH/AAEfyUUjWKP96a5/Cdh/I0gGrpkIO7zbsn/r8l/+KqVLRE6POR6G4kP82oADawsMNGrf73P86hbSdPc/NYWrf70Kn+lACLo+mq2Rp1mD7QL/AIVYSytoz8ltCn+7GBQMsIoT7oC/QYqXe/8Afb86YCfjS56UAHGKjdRnOaAMofep2Bu/CkIkjA2j60/ApgLQetACindqAF70tAAKdQAUvagAooAbSHrQA7tTqQC9qQdKYCUtIApwoGO7UjfdpgLSCgA71FITnrQB/9kA/+Ex6Gh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRvclRvb2w+V2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NDwveG1wOkNyZWF0b3JUb29sPjx4bXA6Q3JlYXRlRGF0ZT4yMDIzLTAyLTI2VDIzOjU2OjAwLjg4NTwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMAAwICAwICAwMDAwQDAwQFCAUFBAQFCgcHBggMCgwMCwoLCw0OEhANDhEOCwsQFhARExQVFRUMDxcYFhQYEhQVFP/bAEMBAwQEBQQFCQUFCRQNCw0UFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFP/AABEIANMB1QMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTUWEHInEUMoGRoQgjQrHBFVLR8CQzYnKCCQoWFxgZGiUmJygpKjQ1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4eLj5OXm5+jp6vHy8/T19vf4+fr/xAAfAQADAQEBAQEBAQEBAAAAAAAAAQIDBAUGBwgJCgv/xAC1EQACAQIEBAMEBwUEBAABAncAAQIDEQQFITEGEkFRB2FxEyIygQgUQpGhscEJIzNS8BVictEKFiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/2gAMAwEAAhEDEQA/AParD4DnR7P4f+R4pdtR8GQzQWlw1gGjm8wYO+PzegXjg8/ztR/s+aBJ4a0PRY9QvrdNN1f+3ZLqNE8y5vScl2BBCr0AAxwK9Ukt2ZgOgB4Ax09OcfpVmK0ZgSdxBPpn8K4megebzfAzws2vXV68d49ld6omszaSXVbWS7UY8wqBu9yu7BPaux8UeFdK8daJdaRrlkNQ0+YqzRlihDg5V1I6MD0xWkbOeS6LBT6A7RVgKbcndgfjwPzFIDjrr4Q+EL/Rb3R7zSG1Cyvbpb28N1cyGW6mXG15XDAtgAAA8D0zzT9O+D/gnRdBudGtPCunQ6Vc3CXc1sYyyvMgASQ5J5UDjtXTS6pYw7vMvbaMnu0yis+58ceGbNdtx4j0qLHXfexDH/j1MCW+8K+H9U1RNTvNE0+61KM5jupoQ8iegVjyAM9qbH4c0eO6a6bR9MNxI257g2UXmMfUttzWFN8YPANq53+MtF+XqPtsbH8ACarzfHD4fMNqeKLS4Byf9HSSXP4KpoA71GVpHdQrGQAM20ZbHTJxk4qaGR0kBDsHPfP6/XmvO4fjd4TVgtvJql2Mf8u+jXb/APtOri/FqxmI+y+GvF977w6BOoH4sBQUd5dXDqpLOzN1GTnn159wD9QPSq7Zkj2sT5ZGNuTjHpXFyfE7UJgBB8O/GM7Hpvsooh/49LTl8aeLbhd8Pwy1bb2FzqdlCfy8wn9KBHZlsYO5mOc9f89+ajmCshDAEBdu0gEEEEHj8a5FvEXxCmXEXw/sbbPT7V4gj/ULGf0qN7n4oSYI0PwnbH0k1SeQ/pCP50COo0vR9P0ZJE03TbfT4pG3yLawqgdsYy2Op+vv6nNwQmTfxuXjjrj/AD+nauPjs/indH573wdYk9NttdT4/wDHlqX/AIRf4kzLmTxzocGeot9Ac4+hkmpBZnYW+6NiSOPYnk+pps1oHjYFcF/TIP4HFcj/AMIH4ynTFz8S7pQf+fXRrVPyLBqafhbqkn/Hx8SfFjr3ELWsH/oEVKwHarasudsZGeTwf8KJoXjUna2BjoBXFx/B2ykJNx4q8ZXWepbXXQH6hAtEnwP8JzOGuTrV9j+G5128cfiPNFMo7nBWPczKgI6s3A/Ss+TWtLs932jVbGAestyifXqRXM2/wF+H6EFvCttOfW5mmlz/AN9Oa1bP4O+ArHHk+CtBU/3msI3P5sDTAbd/EnwbZ8T+LdDjI9dRhJ/LdWXP8bvh7b8f8JnpMjf3YZWkP/jqmuut/B2gWLA2/h/SYMdPLsIl/ktaccaQDbFFHCp7RIFH6CgR5vH8c/BUmfI1K7vT6Wul3cv8oqmi+M2kSti08O+Lr8/9MfD1zj82UV6LmTcBvbFSF26l2OOmTmgR53/wszUJ8tbfDfxjMOxeyjhHt9+QU3/hOPFtxxb/AAv1f63WpWUI/wDRpP6V6Fw2CRnnOTS7vyoA89/tz4j3H+p8BabbehufEKH8wkRpY5PipcKSmneDrP08+9upCPyiXP4GvRFj3ZGOfpUMg8vgAD1wKYHnx034o3RG7XfCNn/1y0y5mx/33Iv6VL/wh/j+UhpviHZwHuLXw4gH4F5DXdNjBAwB6YpqqTwMflikBwzfDvxNdN/pHxN1w+otbC0gH/otjTX+EMs2VuvHvjO49l1GOEf+ORCu83BSQetHGcdM+goA4Jvgp4e2otxqvii9djz5/iG55/BXFNHwF8CLkzaNPdc8i61K5lDfXMnNd82MKe4NIzZB4JoA4aL4J/Dy15i8E6KT6yWwkP5sTWzpvw78I6euLfwpocPuumw5/PbW6E3DGCKApzigBkOm6fbYEGn2UO0YHl20a4/IVYjkkhXarsqddqnFVWVl5z3qcZ4zQULFfzyNtLNtHqalnmcAfMx/Goo8b+9TSfOtAyEM3PUE9xTJJG3AH8z/AI1KELfxYpi2Zb5t245xg+9AHn/jr4qQeCdf8NaY8ml+RqFwUv5rzUEhkto8fKyR5LSMTwAPau5guEaBZVYGNiPmORn2+tfPv7UELD4rfBIg7s6uV3Hr/rrYdT/kVY+LXifxZ/ws3SPBPhjxRdW2raxcPf3e2GExaXpwXvuUszHa75LY5A4zRYk93lbMjowZDtyQOO3fHbrToUd4wI1PThV5yfbjoa+YfHXxG8Rahq3xfubHXLzTYPBVlZvpSW0gEUxZlLyzDGH3g8cYwwx3qbVtf8QeMvi18NtNuda1rSdP8ReFG1G9sLG8eJfO8uRi2Afk5UcjBwvHrRYD6YjzKplQbkAyzKpyMDnt2pzRv2BHHIzjnnIHr/8Arr4Z8O+K9dXwL8MfEU/iPWJtTPi7+y3eW/dl+zK6jYUJw2QSCzAnDDJrs/EGoX3ir4yeP9J1rxPbeEr/AE+6tn0e8uxIsscCMfltkDKCX3ZbnnPtQM+roJo3hLM6iMciQkbeTgZJOOtOdRkjC5HoAf1HWvmSz8EaP48/am8d6PrKyXGmtplrcizjuXgU3H7ljlVI5HznH+13r6fjhSBEjjXbGFAReflAH3efSgYzy/l5puwKDVrZ8tQMpY88UAR43Lj8qNqrwRzUnC4xScM2e9AFeX5QcDimYLjd2q6yhuMVHIuF2gYFAFHy+79TRVny9x5ooGcPH8LLplBuPH/jCZj/AM87qCEf+Owij/hT9k6bZ/E/i+5H/TTW5F/9BArudoHOMfSnb/loMzgP+FI+FWUmb+27o/8ATfXbxs/gJAKjh+BvgQSFpfDqTn1uLqeT/wBCkNeglQ1CoF7UAcnD8G/h/FtI8F6IzDo0losh/wDHs1oW3w78J2jH7P4V0SJj/c06Efn8vSt5V3VxPxy1C+0X4P8Ai3U9NvLmw1DT7CS7t7i1kCMsijgnrkc9MUwOrt9H0+1+e3061gXHyeXaon4g4HHWtKISqzLFuHGcR7hxjPTA7V8i/Dj4ma7feP8A4QwWninUp21DTjPr8euyMttO2OPI8xVDPyeEPHHtVP4geMpb/wCFPxEubK81y2vrDxxDas1xqe9kyQrJGU2lYsA4BzyfY5ZJ9hmeXdlpJG9NzHj256GlVpHbA3Mx4ChuvfufTNeL+JP2hhpnjfVdF0vRH1iPR7u0s75Yt5uZGmGWaJApG2MFSSx5zgHmotB+OV54m+JHiXwi1vYabcaa15Eum3kUq3M0aQkxyqxIDqzdVAUgY9c1I0ev/wBuaX/ooGp2ZN2xW2/0mPMxzghMtyQeCB3FaSjb9fpg5r4ml8VadD8MfgL4hfSrPSbG38UXEr22mpI6rGjlmwHLOdxUkjJ56V9SfCLxbcePvBFr4ml1KHUI9SkeSKKCBY/siBiPJcjkyKAN2eMngY5LKZ2vzbuCfzpyqFORnP1pVORxyKWkIFQbicA+tLhVGAoH4Cmg1J1I4oKQKobGCeKd5QbOc09cc5p3AoAiWIL0/WjjvUy/NTGX5qBipHnr0FOKhqcq8dadQAxh8v0pij1FSnnNN/pQIZzzSNhqeXGOaYBk8UCADPFOK44pVWlPH1oEN5pCm7OTmnj34py4Of8AA0AV2hDHnNO8vbgCn9+mfoDS9cdvT/OaB2IQo8ymyx/NkVPIp6bcNR5bsuNvP0J/pQIiji+Xml27egzU+1gMbSD/ALQPFQTXUdsCZJY4R/ekcKP1oAFX2xQ0fzbh1qjL4o0a2XM+tabF/v3ka/8As1ZF58WfBFiD5/i/Q4z6HUIs/wDoVAG+ULNjFPkjPGK4pvjt8O4zj/hMdLkc9BFKX/8AQQajPx88DdYtUurr0+zabcyZ/KOgDuVj6Y61I3y8HrXn5+N2hzc2uk+KLvP/ADx8P3OPzZRSL8WJLrm08CeNrlc43HSPLH5u4pjPQFGTThHjgce9cBF8R/EMjMLf4ZeJHPQefNaQ5/OWlfxr48nYCH4YyrkEZutdto8HHH3d3fH5ikBe8bfCbw/8QtY0jVdZ+3SXmkSCWx+zXPlLBICDvAA5OVXrkcdKguPgf4Ovte1jW57G+fUtWXZeyjU7hDOmANh2uPlwANo4qp/wkPxMkyI/A2i2/OczeIQ3HuEiPoam+0fFd+Do/gy1x2k1C5kP6Rj0ouI0tY+FvhHxBqCXuoaBbT3KxRwMwLKJI4/9WjhWAdVPIDA4q3qngbw3rWqx6rfaFp91qUcXkRXksIaSNMEbVxwowx4A71zjWvxUl3k3vgmz43fJBdzEAdzkrx/9YU+TQfifc4aTxl4bs8gZSHQ5JAD7F5hn8Kd2Bpx/DXwlawxww+FtGjhjcyJGlkmFYgAkDHBIUcjnitSTSbCTUIb6SwszfwjbFdNbx+ag9AxGf/11y0ng/wCIU+0y/Em1jGDkW3hyIfq0hqKP4f8Ai5uZfifqS7uv2fSrRP5qaZSO6itYI5PMW3hWZsky+WgdsnJy3U5Pv6VL97GR83qa4IfDDWjnzfid4pfP/PFLSP8AlEab/wAKmm2kSfELxpKT1/4mMSY9+IxQI9BRWJIA3fTP+FJJbSdo2P0rzZvhZo/9oCxuPGnjB7sx+eIm8QSIzR/3toA4HOcE44q1/wAKJ8OyfM+reKpGH9/xFcnP5N/nHvQM7b7JM3/LNs/n/Kk8l0baV5Pqcf0rg3+AnhF2zINanPrNrt2385KVfgD4GX/WaRcz+hm1S7f/ANq1Iz0BUPOQePpj+dRTSRL96RR/wIf41xA+APw8HLeF4ZP+ut1cN/OSo2+Avw46f8Idp5+rzH/2egDsftVuf+W8f4OD/WiuMHwD+Go/5krSz/vLIf5tRTA7RsmlC1Xl1Kyt2IkvbWP13zqKozeNPDtszCbxFpEW3ruvoh/7NSINcLinnLAVylz8WvA9nnzvGGiKf+v6I/yY1R/4Xz8O1O0+L9NkPpC5c/oDQB3artrmPih4VvPHPw917w7YyW9vPqls1p510WCRqwwWwAckenH1rJf4+eBAcR6zNcHstvp9zIT+UdKvxu8OzL+5sfElzuGMQ+H7sg/iYxQBxen/ALOl7qA+HcHifWbK50/wOii0t9Mt3V7qVSCGlkY8LkDKqAf9qoLv9mG41bw/4s0m68UxpF4h19Nflkj08s8cytuCDdJjbwPyrul+L0DMBb+DvGdwcYXboki8enzkCpG+JerfKYPhp4wkBOAJILeMZ9Tum/pQBRtfgrHpnjzUvFOn+JdS00awkA1XTbYRiG6eMYDCRiWjzjnHTccEVmaZ8IZbz4q3ms6mbm707T7SVdJ1KQRJKlxcM/moGAJdYw3yFum49a328deLZtph+GGs7cYH2jULSM/j85NH/CUfEa4U+V8O7SMjkG78RQBj/wB8qfy/KgClpf7OvhDTNF8KabDNrMtn4Zvn1LTd14uVmZsksQg3DI6f7R9a6TwL8MvD/wAO/wC0joEFxaJqE5uJ4ZLhpI/MOclVPC9ccdgB0ArOXVvilcs6x+EvDVuQcqLjWpWJHHZYPce1LGvxVmUMsXgiz/2TLeTH17KtAHoMcQ7cjHO3mho/Xg9q4JtN+Kk7AS+IPCFrnp5Wk3Mp/wDH5RUreEPiHN803xDsYCf4bfw0mPwLymgDtNu3qcfX/wDXUkbZzwc9sAmuC/4V/wCLpG/f/FDUwT1FvpVpF+WVNTf8Kt1K4X/SPiR4wl/65z20I/8AHYqAO4fcP4GB+h/wqVVZlJwePbNefH4M2cvFz4s8Z3fru1x4x/44BSN8CfCchH2htfuz/wBPGv3jA/gJBQM9BDhVyxAx168fpVabWNPtcma+tYv+uk6L/M1xQ+AHw+/5aeF4bk/3rq5nmP8A49IatQfBH4fW7K0fgjQwy/xNZq5/8ezUjNi4+IvhSyz5/ifRov8ArpqEI/8AZjWbP8a/h/bf6zxpoefRL2Nz/wCOk1p2nw78J2KgW/hXQ4sf3dNhz/6DWvbaPp9r/qdOsoPTyraNP5CmI4eT9oD4eKSI/E8Fy3921glmP/jimj/henhOUkWo1y/OP+XXQrxh+ZjFekLI6KAjsg7beMU1p5W6yOQO240wPOF+MFvcf8e3hDxldHts0KVAfxcrTl+J2szBhbfDPxZK3/TZLWAf+PTZr0RclhlmyPeneWM5HBPU+tMR5uPHXja4BMHwvvV9Dd61aR/oC1SLrnxLlTdF4E0W3/6+vEGf0SE/zr0Rou4JHtk4qNl254H5UwOAN18VLpRjTfBliT/z0vbmY/ksa0i6Z8VJmxJr/hC0z/c0y6lI+haQV6Co45p2Mg/0qSjz3/hEfiNcLif4habbk9rXw6px9C8ppT8O/Fki4ufijq7L3FnpdpD+uxq7/b6ACnbDxwM+uBmgR57/AMKpvbjH2v4jeMJT38i7hgH/AI7CP51HJ8EdKnOLrxH4wvQP+e+uyj/0HFej7Cwxnijydo4oEedr8BfBjnM9pqd6e5utbvHz9R5oFSJ8A/h3HjPhGxk/67NJLn67mNd6U9eaNoHSgo463+D3gWzYNB4K8PoR3OmxMfzKmtiz8I6Dp64t9A0mD/rnYxL/ACWtpjUMnyLkc0CCGGKL5Y4YYl9I4lUfoKsLLIn3HZB6KSo/Sq0cq7sFhTmcsP5UDJGmk/ikZvTmo5OeABluB061Grny9zdc02Rhs/ve1Ajz74u+KNe0HWPA1ppWrRaba67q40u5ae0SUx/u2cOu44z8h4xzn2pvwt8Y6x4l8WeNNFvr2HWtN0a4hhtdagtxF57OpZ4mCEoXjIGdp69RWf8AGbw1feLNW8EW0OgT63p2mawt/qMe1DGYPLdCpDsNxJccDsD6UnhPwr4q+FY1bQvDmmLqXhWeKS50Z2uYo30u4k3HyXUtl0D4IK9iRT6CIPiF4y1vTNMm16E6i3hh9d8m/bShuuLbT4UMLSRdSA86ncw7Yxgmuj+FWpafr0eq6poniuXxNod0sH2ZbifzZbRwHEiMCAy5JU/MN2Bz2NXbvS/EPhvS/DFn4Zjt7qHTj5d5Dc3IhEsQi25V9p+fzPm9zmsrwV8PZNA8beI/Es2n2eiSavFBCNLsJQ6o0ed00jKoUu2T0HAHcnNCAtajrUmrfFW38Lqx+xadpi6zdRxvgzytNst0YkjCgqXx3O3PAIOZp3xY1bWLjxELHwRfSWOi3N3aTyR3UTSyzwpvCRxDlixIHUAZFWrjTZPD/wAX4/Ez86dqulx6TdMo4huIpQ0O70VlZhuPGQB3FVI/hnqDeGvH+kXWswwDxRd3V4k9ijb7V5cKync3zABF6YPJ6cGkUQab8cJJv+Eugm0qC8v9A0uPUjBpN4blZS+8eVu2jDqyEHAIIBINQR/GppfB9zrUJ0nWPOu7Ww046RM7rJPMdu2VcFkKHqMZIx65EumfCHV9O1i61FPGP2a8udJh0v8A0DT0t4UERJjZV8w4Xk5Gck47ZFQTfAnTtWtde/tG7xe6xJbTPc6VALPyJbfPlTJHub95lmyxPIxii4yp4i+Kvjbw74N8S6lP4etopdMmtfsd1dQSwx3kcrqjDySxdHVjjBY9QfanTeLvHzeNNZ8L/a/D8M8OlLq1veJZSyAKXkQQ7TIN7blALjAGDxWrefCE654UvdF1nxVrGqS3pjSa/lWNZPLjYMiIuzag3DJIGSe9bR+HEDeIr/Xm1fUv7Ru9OXSnKCFUEIJI2Dy+GyzHPueKLks4Lxd41vNa/Z30b4hCNbfW7SKz1e38jIG4yKkqLn+F0eQFTx9Tgj2yOdHCuBhXAZf908j+f6V5xqHwtht/CGjeB7M3T+HLOaKa6uLxxI/2eJg62ygAZ3Pt+gDeoI9A5w2QF5+6pz2H/wCr8KBosuyrzx7VFvJ56CouSo5pN2FIP6UDJvMDDrUDMF6HJqPPHTgVFIu7cMUAWFmXueaKo+XsHANFAHMxfBH4ewsGXwXorsO8toshH/fWa1rb4Z+DbX/VeENAQ9j/AGZCT+q10R4xTvvYoIM2Hwzo9vxDoumwgdPLs41/ktX44RCoWKGGNenEQAH4hTiphxQxJ4HUnA+v+c0AeT+IPi/4r0PWvG1vaaFYXVn4VtItQuSuoSxyzQSKzgRjy9pYIp4JAzXVaf8AF7wzqFjpE0niKzs7rU7eCe3sbi5Vbg+cMxqVzkMTxjnkVxNt4PsPF3xm8f8A9t6TqVxo13aadFD5yXEFpcmJG8xGIwrgfKMMcc/Wtq08NtJ8bdXuRoj2+mSeHLewttQNj/oySrI5KqwBA2qY+n933oA6mHx9oF5rf9lQ63am/wB0iBGbAYx8yKrYwzKASQpJA5IAFYmj/GrwX4h1Sx0+x16K7ur+RobbbFMI5nUnMQYqF3fL93OSCCODXG+E/A+u33h34ceF9T0qbTbrwpqS3d3qJZDDOsfmANCVbc7TFwSuOxznFZPw18M6h408C+HNPOlmysdP8W3OqzahM8Ijk8q8lcJGAdxdiQvIAwp9aAPStJ+IOjfYr26TWLrXvO1yTTIIxabJROFB+zRjau4IATuPFSweMtN1jxR4NtxLrVrNqkN5La2wgCQyeWpD+ceRuUAlQDwTz1riU+GGtapo+v2eq+Hre+g1DxRdaqIRqCxTJE64iaKVOUlUgZHTDHFbHhzwF4p0/UPh1c3+oWesjw7HfLc3N3ckyOsw2RqGCHfsUDLd+aAMnwR4oSDwZon9uzazq8s3jO40yC6huAGDrdukQmYkbowP4ehx2rev/jpHZ3+opJ4b1L7BputxaJe6g88KqsknlLGyJkllJkXIH3ce9UbP4Ta/H4R0nS5b/SI7iy8VN4iaQtK6lTO8wiwE+98+M9Plq1qPwe1XUdO8S2v9tWVtHrPiCHXR5VvKWi8sxHy8bhnPkpz/AL3tgA9VEewsOMg4JC8GnLhenB9hikX5iWbG48nb0z/SlwMigBQvOTyadu9efSk3dqTncKkB1IVHFP68U1qYCqw6VJxVdeM+tSq3SkwHjA60HB6U09qTdimgH5pVpop+3NMAzSkk4oWM0Mu2gAyfWk5p8a7s0pU9qAGD0p4XimkEAGnKwoAZtIp4zilZgR9KTdxQAm4lqGYjijvmkPJoATlqXbS/dGRRu3UANZSelNaFmGKkyRjFSBhjmgCp9l3SKSgGKc0OGA7DNWdw20wsF5oArNG/lbVUEd6RIWIwRirGdy8U5c8YAoAhFv8ANuzjAxyf8+tDQkYwfujaPYdqt8d8VG2Gx2oAqLbtz0C9CvY/5/rSeT2JyMYxVp8KOuaarD6UFFWOLykYKGcH+EDr1P0z6E9MV5jefGxLe48VKPC+sTDwvJt1J4ZbclAEEm5E8zLAKQxUD+8e9eqyEc4GWxxn+X418veJNJ1rxF4j+NCaFqLzW0Wp21xeaHbMgfUrb7KgljjlwWQnay5HU5B7Uuoz6H8P6vZeItFstVsZPPsb6BJopAOHRlBzn8vpWg0KMPnG4f7XNc18OfEPh3xJ4U06XwzJCumQwJBHaocPbBRgRsucqRgjB9M966ZlA75p2JF8tWXGB0x0FKsSrjAGP881Fu28U5XK0DFZFVgVGCDnr/n/ACKaVBUcYA6YFPZgw54pu5cdc0DBUXHTNRug7AVJuXFRPMBQAyRQ2ABQIxt6UbqkVxQBC0IbtRT2k9KKAI91KtR59KfnAFBA/PrSqfTp3pgO7vTHkCZLHCgZJ9qAGXWoQ2MaS3FwlujyJCryMFUszYVfqScD61LuyflDDJBLY75zk+nT9K8V/aAs7zxsj+GdPg1OSfTbU6lv061klVL7cPsgcqPlAKu/4rVrXvidrOu/B3w14q0C6/svUNQ1Kzs7xZrQSNFJJL5M0ZVjwQ4/HgUAevsFkjeJiWidTGV3MFwc5AIIxnJ5HTJrN0Dw7pfhfT1sdH0+Oxst5k8mFmZBkjdySTzjr09a8N8Y+IfGXh2y+KckfjO7m/4RGezkswtpAn2hJkjkaOUhMFACQAAp96t+N5/EeqeIPik1v431LSIvD2nWupafDbJEqCRoXk2sNm5kJjxtz827rkCgk9sj1ASaq1gLS6JW1WdbvysQPliojVs43jqQOn/Aqm1q6utM0+Se00241i4RkCWtoVVnUuBkbsABeT6YU14vJ4p1y417XPtXiCbRJ7rwNbX4jlY/Z7C6kdkZxGMEHdjPGfSub1zXrmz+Gviq01Jb7Qtb0rVtLMyrq8k9tKryIA0MjNu2OpdmQ5AI/AAz3W08ZPeeKvEnh+10yeS90WygvI3adEjvPNV9gU5O0ExldzdMg4roIbwfYYZrsR2MjxCWWJ51AhbHzAycAhSdu7oT0FeJeNrqwuvG/wAZ4pbyL974TstuyYKS6pccqwIy33OnYisG10/w54k8UeHDqkcWo27fD4CZZ3dovPHllQV5Xfw2MjsaBH0rGflBByCM7uef0/x6in5FcF8Erp5vhD4P855DcR6ZDHMJwVcOq4IIJzkY6123nAd80DJ8c80/IqBp1OM0xrpVWkMsb8U1pBVY3A5J6fSmrIG5G40wLCtlqkGRzUEch6bKc27dxzSAm8zPFKzdPWoMsP4acpZmGRimBOrcCpAxPSq+18k4GKd8+R0oAm3MCOaVmNQ89zShvegCUNwcGgN15qJo9ynBNNWMgdTQBY3HaR1qLzNvXI/CmNHnqT+dNS2Vm+bJH1oAkaY8VIswPBOKjaFB0Xj601UUN0oAn8wetIZBkd6bxjoKVVGCcUAPLjApPM2r0pGYYHFIHHTtQAjXGB92kaZv7tO6cU1l3ck0AI0j/wB3FBZmHIxSrIucc0/d1z+FAEQZ8YFPVnUUgyxPapFUtx1wKAI5JGC5JwKb8/POfQ+9cJ8W/GGt+EY/C50SexiGrazBpMz3lq03lCUMfM4kXG3Z75z2qLwB431nU/iN4w8LajJa6jBokVtNHq1nAYhmUcwyJuYb19m4oA9C5DMCcDOOucenPvzSsrKOQeOvr+VeT/Ej4g6z4d0vVdatWuo9Ah1iDS7i6tIFmlsrWNSLqdFxy3msVyQQNn573w11T+3J7zUtO8Xt4r8NS28K2skkkTvFMC/mhtiKeVMZwwBFMDuREZTtBbcThQo3H8u9Z1voun2M5nsrC1s5ZBkywQqrnn+8Bk8jPXrXO69rp1Dx7o3g2KZ4EmsZNW1CSMkM0KuI44AR03yHJPonasuH4wLea1rtpb+Gdamg0W5lh1C5WNAkbJEHGBu3NuG3AVT79c0hnfw2sUcjmOKOLcckIuP/ANf1PPNTbRnAFeYaX8bIZtU1Oy1HRrmwu7HRzrZt45kmlMIBzGy8bZQRgpyf5U/TfjbDN4R1DxFd2VrJp8MVv9mbTb37T508rlBCfkG1lbaD6bu+KBHpjW6t1wfxpFh2g/Lx7c15Nrnxk1/RfDfjDUH8JZbQ7RLuG6Z5o7S5DHDIrPGpLpkZAHOcg1Zi8feN7jxtF4Z/sjQbW6v9JOrWc8l1K6Qxq4RxIABvO4gcbccnnFBSPTJJIFuFgaVPOZGk8sN85VRliq98d/SjytpKkcg4OOnQfp/jXkviLxpeeKv2fP8AhO4rZdO13Trf+0ofLJ/dTQybZEB6lWVWGM8hhXrGn3Q1HT7S8C7BcwpME9Aw3AfkaBjto701olxnqan21HIelAEAjp20LjNOdgq57CoJLgMVoAeRzRUfmjucUUAV9+3t+dHmdqYMydelN3DgjOaCCYOQ1NZju/8ArfrTfM9RTlZduTwf88f59KAMXR/Ddv4fvtVvbe5unm1Kb7RO005YBguAV9OABisSH4NeEbeznsV0+4FtJff2k0LX02Dchy3m4D8HcCwxxntVD41fETUPh9odpc6RaC+ullF5dxZGU0+Fka4ce+GVR6nNbnib4jaL4R0Gw1e9kmfT7+aG3tZbW3aXe0uDG3H8J3D86CR938N/Dd7/AGw11pSXA1Vle+86WV1uCvC7hv7dBgdK53TfhIsXxE8Sa/qlhp15YXsNrDZxs0kskSQLjDKybWUkqeTwUFRXH7QXh+xt9Rnn0vxBB/Zc6Q6ksmnFWsVdkCSygt9xt64xk9eBWt4o+KWneG21srp1zqNroCq2r3VmYttmGBbkMQZGVCHZRwAV9aBHSTeHNMmvJ725060nu7iPyZ7mWFGlmTGNrNyWXGODxU9h4f0vT7EWVtpVnFZ7uLWK3VY95OS2wLt98n0ryD/hYS6R8YvFa2zz6y+oabpsmnaYt1xKz+cXaPPyooRQzN0AGT2FdJqXxSuIfGT+GI9MszqEcdtLPBcX2x3SYgM0KlP3gjGdx4OQeAOoM9Djt4EkleOOMNkh2EYB7cHv0A4PQYqX+0I4JIYmnWJpn8uFHlwZHwTsUE8/KH4Hoa8fX4qQeG9P8baq2hQ6W1n4gh0+8ut7SxENHHm7m2qCEAYDAHHGa1P+E6mvtR+G0lxp2jX6a3qVxCl5DKZBCFikZJIODy6L1PTcRjigR6Hca9pkcEtzLqtmbeGUW8k32hTGshONhbOA5JHy471f8ny+G+Ujhun3s/Xp7+xrwC21h/B/g3xreabY6bKi+PDayW95bbowss8Ee5RxllLqwz6VqeNfiP400W++JF1ZXukx2PhS4szFbyWLmW6WZFdo2YvhThuoyCR0HcKR7j5e0ds9x1xTGK7TxTmfcxIIx2UEYAz0qKVtozjigZJnIHGKVT2qrZk7pHkY7ScAUskhUuynIxxigC4AV5BxT1J61n27O55LYIFWoJd0eT1yRQBY3UZqCaby1B98VG10FUkdc0AXtx2jBpvnfnVFbxpM4A4FLLMwCkcEjNSBaZyG54zSPIIxljx2qn57NGCTzQZG8sc5NMC39sVW2k81IrhiOcVRKdCeWApGDLMpL5XGcCmBp7qFkMi4GM1UWTzGAOQuKmj+7gHBoJJmcfd603gmoF+/gHJHWg7uSKBk4YZIoEyhTmoFI3HntUcOWZ8g47UCLLSjyzjoaPMWNR61DtK+4oMZbkgigYk1wcgilF18wUimNEWIHanrDub0x6UDI1mKzMGBAFTrMX4PU9KV49xbPU4ojhxICx+lADfOdGYMBgUxLpjtbjGeuasND85J6GmeSFwF6e9AHl/x70W58RWXhG1tdGvNZis/EFvqN6lvAWVLdFkDsTnP8YG0dck9qg8I6H4h+D17q+laJos2ueFLvzNR05YWjSazuW5e3m3lS4LkYfnABB7GvWJITMoVmJB4P09KGt1AIHAb7wHGfy5oA4aSw8ReG/DXhmz0W1j1WeJ1TU4nlSP7QrJI07qzcbmlbdx155rK8A/DdtE8fa/4og0iPwrp+oWcdv8A2RbvG/nTK+5rlhGSi/LgAKe5yB39OaP5g+F3A5ztA545/T9TSrEiKOCDwMg84Hb/AD60Aed6/pLaL8XNI8VSEjS77S30W5mLf6iQSCWJj6K/zrnnBI9ar6V4H12FfiKgv7XTm8Sztd6fcWcjtLaMYVhUnKjtHuBB43YPTn02WKO6jaFo1dJBgo6gg/XPtmuA1D4vaPp+peIbEaJr08uhhZNQ+y6epWNCuVf743AqpOAM8Egcml1A5Xw78FfEWmalFqcWvaLp11HoL6Q0Wm2DkM27ckpLNhm3tlic8dOpq3Zfs/WWrL4nfULm30641qK3XdoEZiiinhfzEuQCSPM3beBgYGCDnNem+HddsPFWi2GraXcC7068iWa3l5wR9Dzx7+9bEMe2PPBbGCf0/lTA861L4U6z4g8GaxoXiPxjNqs+o2gsRdrpyQrDDu3ErHv+aRjjLnOMcAZrQT4e3MHjDTvEba+5vLLTW0tYxYrsZGcOXIDH5iw9h145rt8qo4AH0GD+fWoiwz6mgpHl958MP7P+Gf8Awr2xvLm8tLwmO4v7mJV+zWxlEkxyoG5jkqq4/i9FxXpaRpbxpFEgiijURqmfugcAfh0/Cn7Ay4JOPT1qNl6nrQMduqC4faVpzEjFRyYbBJoAa0hK4AGPeotvfFTqi7c5qNmUcZoAgZTnpRU6sBnmigDnmupVZ8ysyjGB6VJb3Bdiqtk4zT2VMkbRz1qSOGKM5Hy564qSCGK4J3HJ9BUfmMGPzEc9fbv/APq9qsGDa2RjZS+WGwccf/Wx/WmScCngg+MtZ8S3fiXTL2CKVBptpDFqJRJLRVOSyxP/ABSFmIboNvvXG6f8OfGifDPRvDFxaae82j6xbXdvP/aO4y2UMxdY2O374UBQe3Hvn2DXfFGleF4LSbU7pbeK6vIbK3eQ4DTyNtRfz/lWnJtJYDgqdu7HTtnA/H+tMR434l+GHiPxDa/Ea2T+y7ePxRPazW0kl4zeSIlRSWATqwjyTx1q5e/DHWTN4ttbPU7KHTvFyrJe+cJPOtZjF5MjRALhwUAwrHAOOua7TxZ4xj8L3mhRXNncTf2xfpp6SR7fLieRSR5hJBx34HOMDrW+yEkgj5WGcYPzLgZ4I5AwevcGgDxnXPgDPeeIptY07VbXSZrW2s4NHmWCR5bP7OGXLZwGDozhkxjAHJzXReKPhne+Lr6zm1zVLS5WC4tryKSGxKzwyRbd4hlMmVSRlO5Tkcn1GO/SaJplhZ1Em3zPL3/OBjqVzkDGfUdK4zVvG2raPJ4QjuNLsll13Vjplw0Fz50dvneykFVAclU5GeDkVIC6Z8O7uzuNduIfEklrPqmrDVjixRo1YReU0TLuIkRl6j1GfTE2n/B/S9Jj8Nx2eo3lumiahcarFHFHGEknnDB8rg7Uw5AVccY961bXxNFZyX8upahpNlbRXawW7Q3vRSq4WQngSEk/KoPHbjnW0nW9N8QxyT6ZqNpqdvFIYZJLWdZlSQfeUkE4I9Dz045oKOa/4U5pE2i6ppcuqaq1nqWqrrUwDwIRciRZAVIi6blU4OelXNQ+Eug6sviEXc2pTR6+0Z1CP7XtWXywBGAFA24AA45OOa60ELkEj8AKfuDNQMfbr5MMce6R1jUKGlcsxwMZJPfgVK3zLiqxmjjbBbB9DTvtCnoaYCKfkaM/ezT4o/LQ85NNMiElsZP0p6yAjgUwJEIVabb/ACxn3OajaTPGKFkPTbQSTSL5gAPTrUTw9QKFmbdwnFTxszE5TigCGO225PPPFTbV474GKJJGXAC4+tNj3vngVLGKsCdv1p4hFRqJPapdrbevNNCGmLknNLtXqVGcYpoRz3oeFivDHHemA9V6ZqTcccfpVZY+mXY1YMY28nNAxFk2tzwfen9sZFQMqD60gKFc96BFhVUtzihmWNcZHtUVvhlJxT2QN2oECyAjOaU3HbrQqAL0xUZXnpQMf5vTAzSqw5OSDSKpUUL97JGaBieZz0NSbiw4z+NHU5p3mAcUDDc2BmgMelLuDdKA21jkfSgBGDDpUe6TPYVNuPNMA5qQEZXx1o8tlX7wNTD7uKTaF4x1pgV9r9Cf1wP8/hXz14vsvFt18QfjKfC04NzHb6X9qs0g3XM8JtWEqwO3yxvtL4JU5yfSvosZRvl7nn356Vmaf4V0bSdSuNRs9KtLXUpeZb6KECdsYwWfGTjjGTx+JoAwvhPN4buPh/ocXhSZTodvbLb28ZctLEF6pJnneGLZz3z2wK7KOMquNxNUbHR9P06aaWysLSykuDvma2hWMynJO5to55JOfc1qxp8uaOoEWw9KPJx3NTrjdT2UGrAqeX+NO8oYPapdozSNQUQNCOOM0wwL6VYpDzQMgaFQowKqzoobAFXW4yO1U5FLMTUgQjC9h+NFNkB70UAY0m8EkYpmZByKb9oG7bnined6DIqWZEytIy9aaGds43DAzlVJ/D8s/lUXndulNkwM5IXvuO3jt3780hHlHxV8M6l8VL7VNI0+yiv7fS4TbQzNeLCLfUnVZA65B3GNBGe3+tYfSvJ8TLHxL8G9D8R6hcTSapJILP8Asuxumge81L5ovIYhlITexkPOAOTnFeqaToOmaKk6WenW9n9qbdOI02ecx7uO5xnmm2/hDQrZSkXh/S44y27I06IDOMZPy8nGeeDz1qgPGptNs/C2j+ALGfxD/bWsL4us59RupLwyxrMYpH8uNnY4RAVAAJ655yMULuabXNH1dhLInxRtfFXlW0cbsLjyRcqEULkZgMOc9c4JJOa9+g0nT7ZIxFYWcKodyIlsihT03DA4J9ueB7VPIypO11+7EyqS87BVIUDBJJ9vWmB4foMdva/GaR2+x+INOutR1B5JtjJf6ZII3V/O4+aA/MqdAPlxySayvCDRR/D/AOE8IhuFFv4rmlkQ28jeXEHuMO+R8o+ePnH8XvX0LFMrKCpXDKMMoHzDqOnGMgH371aE0nJ81uRk8/e/X6flUsD5y1zwwt1ofju0h8PXlxFceN7S7t4k0+Yq8KtB5kqjZgrtSUE9K9S+H+lvY/Eb4izx6Rdabpl/c2b2byWhhicR24STYOM4YYyPauovvFWnaf8AbjeapbWx0+ITXfnThfsyHJVnGeM7XIHQ4PpT4de06S/s7VbuF7m8ha6gijbJmiXBLjHAGGXrTGbG0E5I5pVbPGMfSmq24LyrM3fIx9BTtnfr+n6UgH7Vb+EH6inLjJH9KiGc05TzTQFgEYoPIpn0oyaYApHNBNG0UbaBBjOakU4ApgGKcp9aChWY+1Sx5UetNCDjNP4GBSELuxil3dDmkbHGKYtMQ9mPrUe5s89Kk2igqKAAYpMk5pvC07d8ooGQyMVZfTmkbuR92psBuTzTWIOABigQQ7VXAJ/Gpc471HtCcUbs9DQBKre9P4qFfc09Xx0oAkLUxsUxpCxo60DHClaot5VsUrSY60ASq3NO31CrBuc4p+B65oAeG7UD71R9CMU8tSAmXnGKRuOtRq3cGnZ3HmmMRn9/evB/EnixtJ+IHxB07WPH2paNaaZY2lzpUQlg3vNLG7FUjMeZjuCAIPXrXu20bjk8Yx0z1IGfzxXlt78LbnxV488c3HiTR4I/DuvWlpbQzLeoZ4XtwwSYLwQdxVhjptPY4ouM7L4W3mvap8P9Cu/FMH2XX5bYNeRbdpDZOCVz8pK7SRgYORXW5K8CuS+Hdp4q0vSzp3iiS1v7i0Jji1K3c7rlAThpF2jDYxk5OcnpjnrN3Az1PWmAq8kVJ0pgp26gA2g0xlqSkXHemUiPZSNhakbA6Uz7xINAyBsNmo2x0xU7KOfSqNxJukYAkbalgKYw1FRrJuUEk5ooA5T7NuyQ2T7VNHGVXBOKfHIvBJpDIDycVBiBjLdDnFNkjLxuocqzDH1HcUvnDdgcCo7iVvLOwfMOh9/T8s/lVAePeGfFWqeHfjbrekXt7c3HhrV7lrTTRcu0gtbuKKOQpkngOsr4/wBwfizQPE154g+POoX97dTp4cTw/Nc6daLMwjCRXHleeVBAZnKOwzxtK8dc7/iD4SzeMtG8QWWr30Nu+oatHq1ld2Cyebauqxpj5gOdiMMgkcnjpWj/AMK3aPx2utx3Vmmkf2KdAGmxQsCLYtuBD5wG6Dp0/OmIp+H/AIv33ii8VLHwzNcw3tjJf2U8Uj7CQMpHMxjVI2cYYbS2cEYzisbxF401Txb4c+I2lXel6cun6RpU8U+oWl48sb3RiLeUmUUsUBBbsDgZJzje8M/DfXdB0E6SfHF3JZ2lu9rpObJY2tMqVV5Dn96UX7p4AIBIJxiTSfhHNpvg+Tw4PEs40k2U9oEhsQjOZsCSVzvbe5Jc7jjljwc0DKOh+K9RuLXSvD3h2KwW9sPDVnqM8mo7vLcugSKFNpGCxRiX5A44OeMTUPjxdXml+GtQtVtdBsNYsDKl5qNvJNbm7ErI1u0iECLG3hmHO7PGK7KP4WRWN1p19Ya3qGm6pa6aujz31uif6VbpjYGRlIDLgEMAOc0+8+D+i3WljR0n1Cz0M2MenyaVDKnkTQqWILgqTvO45YEE59qQHNeNdcur6H4waPcw2P2Sy8OpcWssEAEsiy287DzCT85XaCD254Gav6V4g1qLX/BOiQXdtbWF54Rmu13WwZ4Z4khVSzbuV+flRj3zXR3Hwv0i8uvEdzPc6gB4gtUsb2NLkJGYVBCquF+UYZhn0Y1aX4aaIl3pd0H1A3Wm2DabbTfb3Vlt2+8vGAc4Xn/ZFMDz74ZeNvFupXnw1vdX1pdTt/FVheS3NgtosaQtFFvRlZcnPXOT9Mc17huHY7vQ9cj1zXIaX8MPDOh/2F9isZ0Ghh007zL2Zvsob7yKC/TnHOa65Du+mc9O/rSAVu1KMUrccUzbmmBPu6UpqNSafk0ALTk+9z0pgb1p3G2gBX+9x0oU803sKVetMZJuIanbjUJkO6pF5pCHL3zRgUbaANvegB4pGb0pN3y0wetACMxbiofMMbc8irG2onjO7pQAPJtYA/pTmkXb6VEqNu6bifWpGgGOcg/WpAh85iwOfvHFSKwY4ydwNNW3K9T3yKkWPGcYplD8lVpVc9aTbxyaPu8UxD+KTcQaa2TjNJQMUt81KfmpvDHjrTlbGQetAxVwOopyt9BQMGjj60Ei7hxzmnbsioDxT1agZLH3qUYFRKakVvapGOWPc2MjLfKATj8a5C++K3hvSdY1DTZpr4X2np595FBpF3N5EZH322RH5SMkEnHBrr1bHXp1PGa8D8b6h4t0n4tfEu58IWtrdahH4f015IblWaUKFkBaIZCs6ruYK5wxGO9NAe5eH9Y0/wARaTaappd3DfWF5GskVxbuGV1IHPHf+XTtWmyAkYGO1cL8FdN8P6Z8L/D9v4Xu5L3RUty0FxKQXYsxd94B+Vt7MSvG0nGOK7tW6dDx1zVMBQuKeUG3IpN1KG60gEXnrSFfmFOzRweTQUiNvlqPdzxU+BUbKKoYz7x5qncW5EhYDrVtuKiZvU1LAhS3+WipN2elFAHASZWYZDYzkVLsGOMjJyavquW4FIy+vNIxK6L6DNNlX/ZJPQAd/b06A9atKuOR1qKbOOOo564/z3pgeaah8bRoz+KZLnwrqC2HhiVItUuo7iB/JVgGDhA2WAUjPGRzXeW2qSXl3uSKEaM9nHcw3nn5eRnJ+XYQMKF2nceOSK8l8P8AhbSviJ45+LGmXup3T6ZNqdr52n2c0apeRrbxg5JXdt3DBww6GqnxE0/T11/4rW0UCIo8FRiNY1YoJo/NJ2nodqhOM4+UUEs9wsrq3vDKlvcQzPHgSrDIH2ArkBgDx268+1QweKdEkhurj+2dPaG1Oy5l+1xgRdR853fL+OK8FXwTH4gSG++HNsttNJ4MntNQktQ0Xn3MixmKJmON8vEpzzjgEjinat4c07xN8OfFl5pXhTxKNVudB/sqSHUrVt7S7xshSIKPMIO7LjOB35oA9um8eeGbezkun8Q6WtsszRGUXMZVXQDeuQT0GOcfxCpNY8a6B4fihN9q1tbi4hFzEeWVoyQBIdoOFJI+Y4Bzx3rzLxx4fu3bRbfRfDNzHa3WkXMMt7pdlHHcxSSJGghl3ACNWwCzspJwBkHrhN4R8Tt4X8NSadoWt6J4mtdBtLExyQLcWV7tYhra6jOQuD8wbg4bNBR6T4y8bXdjo/xDuND8QWj3+g6cJ47cWpb7FIqMxEhzhi+OAOgAz1q/a+NbSHVtLgvddaOc+HzqV1pRtid4IjL3BcDqpOAqjnJ6YrkvEXhjxDqN58Xlt9DuJG17R4LSwlDw7biZYXikOWfIUPIDk9krRXQfEP8Awl3hzUjoky21n4Xm0qX/AEqEMtw5TCY35xlCN3QbhxQB0fhX4teGfGmpWVppV3czSahbPeWbyWUscc6Jjfsd1UMVBXOOm4V220K2B2OD9a8a8B+A/Eejt8KY7zTFRPDWnXNhqDfbEYfvUVUZNpO4ZGT35HpXsMbcDJPQdRyff+f5UASOvelXpQxBHFC0AOwO9OXAzTQfmHpR1Y+lAAaQc5Bpxy3Sm7TnmgCSNOtPwFzimrn8KDIDwPxoAbt+apU96aKkVd1ADgaXr1qP7pp2aAGyLu6U6NflpvIJGKerYxmgBcfnSFvpTsd/ypjL8xNACMwXtkVG8ytjaOaWWPcuMkD2qHywncke9ICWPLckZpWGPaljI5A6Cn7N/wCFMZHuNAYUu0cio/L+agQ8+tIVbbmkbd0p0bZGDQMRalVDimqo3VIzDgUAMbK03zCKc1RsM9KBjjyB1Jo3YwDXF/FTx1efDrwvHrFpYWuoj7XBaPFc3DRbTNIsaMCqtkBmGfaquk+P9Q/4WTc+C9a0qC21NdO/tKG40+5aaFoxJsYMGVWUg9PUH2oC56Ar+uAKmXPbr6V5p8QviXc+C7XXr+3gguLLSY7SGSWQNtS4uJCu58fwIhRyBz83WtbwvrHiC+1uB7m/0rWfDtzYNcwanpcDxgyB4wAcyOCpDMQR6fhUsVzuCx5wOAM8/n1rHsfBWi2fia48RQ2RTW7hFSW8+0SsZEAG1SC20gYzjHBqj4u8UyaPeaDpFnIqarrVy0MLyLuEESIzTTEA8lUHA9WH0qtcfFzwtp3iE+H59YabV45YbeWFbeR3R5BhC5VNozgAsdqjr7U0M39G8J6L4fvLu60zTYLCa7kM1w0GVErkkliM4zz17962N3NcjofxS0DxBqNvZWk8xkuoJbm1nlhaKC7jiYLIYncAMFJ68cdjmn6X8TNE1ZGnT7ZBp62cmoLqNxaskEtuhAaRTzkYIOOvNMZ2C479KFbnivPLf43eH5b25s5oNQtrqPTzqkUDQK73NuvLvGI2bkDJ2vtP5HFPTvjtp99/Ygh8O+IMa5btNpTyWsarduEVzGp8z5cBvvNtX37kA9T6Lkgke1NGW5P59q4NfFbePfA+rapo0d7omtaTJcxC2umUSRXMCktE+xmV1YheQeQeD1rpPA/ieHxp4O0bX4Y/Kj1K0juduAOWUFvyOR+BoKRtcUx+OlSYprjAoEV2qvcL8wwatMMiopFywNAyrIxVV5waKleHzPvfpRTGcmJF/Go5LgK2D3oWF3fpyadJbksAQOKgxHxuD0qpNIVlJ3BW6KcZOfQe9T7SrA9hTZI2bJyuT0z+p9OBQA6FgqD7qrtwrbscEgn8Mg9e/HeqvifSYPG3hjU9FkvZE07UY3tppLZ0c7GGGCkhkzg44BxnFfO0eqaXpPxS8d+GL+2GjaFrutizm1ZkGyNPs6SC0U5+RpCxO9uBnpkjHtfiW+/4QTQdGsdCstN0uxe5Wz3MpMcEe1tuyFMPK7bAAq/McljmmSzqNPtzp2mWmni6mu4reFbaOS4ILsF4BbAAJxxwBnj0qK016y1S8vI7S9guprSXyZ1hkDGFiMiNsYwcZ47ZNeT2XxY8V+JtF8AtpVvo9he+Iri8tLg3yS4ha3D5YLkMoJjPyt83Qd81z/8AaHjPwnefFfxDpN3o+NFvLe71C1msnH2xks42lCEMPL+UkgncSSB2JpgfQauAu0sQw6cc9eMY4J6jmpoSN53Jg+wweT0z2PTivG7rxx4v8TX2qzeFre0tbLR7yCCWDUGhWCWMxpNM0jE7wNsm0FF6qSeuBla3418Y2EfizU11y3FloPiO3sIbKPTowk9vI0G4OTkgASkZByCvXtQUj3C316zvdSvdPWR3urFYzcL5bADerYAYjB/iyBwPxqTUNVi0tbZrpLibzriO3xbQNI3znG9gvIj9SeBjtXlesa/4tTXfiXpGl6gt1c2A05NMtZfLgaPzV3yRI2377KNqs2RkjrWVH441O48M6Xc2Ora1Z3Y8ZWml31lqMKR3MSyOga1cheRgZDLt+/7UCPUofHNjfR+IYrW2v7y60BhFdW0FqTKzshZREDjfkYIxxg98V0kYeSNcI2WQPt2ncuccEY9+x4JrwbxjqF7puk/H29068udOvrH7HOlxasFdStpEACeeeD7nGM9ak8aQXGo+LPGcUviLVoLOz8HW+qW9vbag0CLdZlAkAGCBhFOM4J5IPFAj3cYVjz+o9fapVcGsTwRqFxrHgfw5qF3KZ7m7022nklyTuYxLuPpy2T+NbPcUFDhk5pVY80q9KPrQA6lXvSZFGaYD+q0xVxUi/dNNYHpSAAefaplO2oVB4FTbfloAbJzinLHwCaXaNuaFPFAC7aY4IzipA3PFKaAI4ydpzTl70v8ADSKhagBrjeCBUW3+E0TMY/WnxZkAPegByrgdKNxHtUv8NRt3oAbtDGk5VunFPXtT9u7mgCJqh+ZWJFWWTnNRH5mPtQAL940p+bFDDd2pYxg0AO2nbxUfllean2krxUbBumaBnkn7TG2b4Y/Y8ytPPqdi6R26uZGRLhGkI2g4ATcSe1UvC+lj4W/ETU7i+hvtb0PxEFns/ETwS3VxbbQM2s74LBcfMnA698HPsT38en4aa4jt0J5MkioGHcEk/wCcUWepW95ue1vIbh1OHaCQOFbryQcjPHpyRQI4SG8vdK8C/wBqT6NNqt1rN2txfab5HnSfZ55QuwxnglIhGMEfwdK5j4f+CYfD3xMN34Ps9T0bwlLaytqdheQTW1sLkkLEIIpgGBxuLY4+7ye3r1zqlnp8vl3F7FAwga4ZZpcYhUAM7dtoyASeKzdF8Z6B4kuGt9I16x1G6RDIIraZC+0YG8AE4A4A7dcdDSA5rxlp81n8VPh1rzsTYx/bdKeQAkpLPErRNnGBuMbLk4GeM81Y8P6TrFn8VPGmojTJra01CysYLG9kZfKkkgjcFSoYsVJcYJHODniut1k6f/ZF6NTSH+zCh8/zwTGFyMdAT97AAHJYqBWhaSRrZQBFliTYpCTZDAY4Byc7gODnpgj0plI8N8K+BfG8Pizwdrt/4fhivLG1vLPUri51OIxfvVABihT5EhABURoM4PPPNS6X8G9WvIdY02GCbwjo2raPNa3+lyXqXVqL5wpWW2jDMY1Hzgg7RgrjODj3NflAK/IVbIYITtxzuHHI/wDiqP4eAwSNeQrFwgHTBJGRyOePocUCPM/DfhvxjH4dvrHUtA8M6RONNms0bS5V3X00ild5wmYUH3yMksR1GOYNB+HfifT4fhbG1vp6HwnBJBcsL9v3m+AQjYVjP8OGOeOemc160vf5mI5+6Tz78Y9v/r0ivuI28kkKCfXOfw6fX2pjPNdL0PVvAfhfxu11HZ3NxrOo3d5p9rp8jO8k1wAEhwUX5gcZI4wrHjHPYfDvwoPBPgjQdAaYXDadZRW7zJ92RguWYD0LEkfWrOva1B4dtBqN3C/2ODDTTRplraPp5hGMgZwCwwQD6ZzriRZI1aMhkYbgykEEHoQR1GOmOKQyYjHTpTWG6kVuxpS2KAIXBWoWYrVlsNVSTLMQeBQUhfM9MUVWxj+KigZgb1Xp1psjZztqjG7eYST7U7zj6ipZiTZ2rzzUJukUOuVfAx6j8u//ANemmRmkBB+uKhmh2K7IpBOOFHXn/DNIRx0Xwjs7yz8ZW+p6jLqVr4pla4vIZbWMLHJsVFaM46qFGM5wQKntPg7bfYdAt7jxNr13PoczSWF7JNEbiLKbGUsYzuG3aASNwwOawdF8Z+I9YvfGcLajoOl2/h+++wq81m7ebmNZAzHzhgfMFyAec8V1eofFXwz4SUW3iLX9P0/VIrWOe7toyzNHleWAUE7chsZ9s1SERaH8F9E8P/2D9k1HWZF0a7nvLOKa7V13y53hgU5XBIwMYz681dvPhjot9qWr3k7XrRaq8MupWAuP9Fu3jCorSIRnoq5AIB28ipj4x0248U6Ra23iKILc6ZLfiwWEstzD8mJ/N6BVyeOp3e1Z2sfEvQ7jwnrd/Bql5pcNpp4uW1E6e5aOKRWCTxqVO8ZDH0+U5NGoE+rfC7w3q3iybxFc2Mv9oy7WuRHdSRw3mxfkM8Sttl24wNwOcDOecv1D4UeGL2HVobmxuJ11S8F/erJfzYnuAeJD8/bC8dPlFZv/AAkV5a/FjSYG1C8u9Gm8LSakbXyAXaRJIh5uxUyXKHO0HGW7dKj0X4r6LZ+H/CcUL69rz65HOdPmNiXmuTGWLBiqhQ2R04wOuME0agdFcfD/AMP39xq09xp3nS6t5X22R7mVmm8shoySX4KlVIxjpU3/AAr/AMNtY29nLotvPb29z9siExd2E/8Az0LFsswwMZJxin+D/FVp400KDVbATJBI7xNFcx7JYpUYrIjDPBVgR+GRxW/t4AoAx38D+G7hr1pfD+mzG/ZXu/MtlInYEFS/rjFT/wDCHaD5hk/sTTfMaMQlvskeSirtCk45AA6HitZflp680xkVraW9lbpBbwR20KDCxwoFUD0AHQe1TeXTyBxTV60DFA20UrcUBqAEpaXdxSJkE5oAetSUnHFOoAbtp240A07g0AJ/DSKuc57U6gd6AG9DTifl4pNpbOO1Iqnp1JoAVTkc0/d8tRt8uRz+FKp+X0+tADJO/wDOkjyFNPYbvYUi+g6ewzQA5WJHNLTd2F5/QU7sCKADFLyKFYZxj9T/AIUHP8Qx9Mj+eKAEbLDFNVNtSou7tx78UGN8A7f1oAj20qrUgt5epjfnp8pH88fpR9nmXkxOB6lDj+VSA3oKhkz2qWZli++yx57MwH8yKpzalZQgl760Q/7Vwg/rTA8r/actY7j4OapJNbxTm3u7KRA0as3/AB8xgqu7gbgSDkgYJznFZ3gOGHXPjd4i1qw0keE7XSLFdKu9IZUjnupWIkW4eNPk8sL8qsCS2O3frviZY+HvH/hibQr7xbp+k2szpJI8N3bNIxRw6gb24GQM8HNZeqHwXe+I9O11PHtjpXiGyiMD39jfWqG6iLbgk0Z3KwU8jjI+lMB/irwtJ8SNF8YgahHpk1xNBp1hdSHMY+zMr8gcMjXDSJgZzsHBql4R8Y6jJ8SLHRvHHh2PRvF32GaKw1ixIlsr6HcjyBGI3LjbkIT8u48DNXL7W/h1P4Rg8Nv40sY7SJo3W4g1GNZ/MSQSiQEcBi/JwO5pdL8QeBLPXrfWbzxnLr+o2sLW9pPqD+Z9nRyC4jEcSglgACxBOB1oAv8AxA1CR/iR8NtCO0WlzeXl/LG2NryW8G6JSD6M+/B4+VeuKijufE2qfGDWNIh8UNp2i6fb2OoJbx2ERZ97yBomkYE7WVOWJ7g8YOa/jHxl4W159Fv9P1WSTV9Du/tlqosrnbKpQpJEx2DhkOM84IXOan0zxN4Ni8RXPiOO38QR6vf26QXQew1B1KDJRCgj2fKGwDjucdaBnOeFfHGuSeOfBxm1e81bR9aXURPdzRRx2k/khpEa2T/WKiFdu5iN2DgY+aodL+IviPw3NqSa42qt4gj0i+v7INIt1pmruqiRbi3ZR8hVSD5Z7EDORk7dhofw20+4s7iz8Ja3LNYztPaMdF1BxbljkrEGGEXP8IAGecZJra0BvCvh24jk0rwN4oV4YmhiZtGu5FijcgukYkyI1YgZ24zgZoGc94dj13U4dP1Y+Oo59P1fRpS1nBfTXUtxMIfM8+JmXEDIBk7RgdM5wa5rwvDq95pfwZ1KbxX4huLrxK0ltqbSagxE0XkPIFCkkISUC7h83P3q9F0jS/DOhtqR0n4X61ZtqKst00GlCJpQx5UkyAqp5yowpz0pVtdFt47OKL4SaqEsixtVaxswId33tga4+XPt+FIYz4URyS2Pj3QLq7uLzTtM1m80+BL+5edo7cwrlWdiWYDcw5J/StP9n64urz4K+DZrsyPK1gAGkPzFA7rHn/gAT64zWfqBu5NJvbHRvhxqeipqRKahcwCxglkiYEPgif75BI3MDgMa6Sx1zXbO0t7Wy+HGo21rbxLFHF/aNiixIo2qg/fHooFWSdcPejiuYbxF4o/g8Dz+4fV7QY/JjTF8ReLmyP8AhB4/+Ba9B/RDQM6hjt6VE3POOa5ebXvGZ4Hgy0Q9t+up/SE1Wk13xtu2jwlpY9d+vEfytzQM6xUTuKK4/wDtjxw3/MsaGg/29dc/+21FA7i+WiNnaOacIVbpz9K49l8dSSBDqfhuEZxu+xXDf+1RU1tY+OMFn8RaRHk4GNFlb8s3FZGZ1ixxr0Kn8aftWQ7Qm7bz93JHvjvXHHR/F5YK3jCzQnpt0Jf/AGaY1G3hvxWJNz+OmXb08rR4Vx7/AHjVEs4LRvCtk3iLx/ca94G1LUV1bV2uNOnGnozmARIoKszAKSyHkdMg84q9/aV/H8YNSkuvDst/qV34OhWe1tdkghaSeUFHZiAVxhGYddldzH4T8RTwgN481ED/AKZ6fbAfkUYdeazIPg35HiabxAfGfiP+2JohBLOjQKGjHRNnlFQB6Y/maYHOeH/hnrnhe68D2sekrqVpoPhm9sJ7hpIzC1xKYyI8FtxUFGG7HAI+tUrP4W+JbXwh400bTrW4stN1bRBZ2Gg6lqEMptrqQMrmGUMxSABuFZj16DFelp4Bumxnxl4myP4hLbg9McHyKnj8BvGct4u8WSN3J1QLnp2CD0oAwbPw3r9n460HXBpVuttY+GDpjq11GG+0F0f5Rg5X93tz6tXP+Dvhr4k8O2fw1iuLaxlbwuL37Vtvd5l85XClMIc4D5OT0Hc8juv+FaWHJfWvE03PIbXJxnnOPlI4zSP8LdGnUh7nXpM/3tdu+vrgSYz1/OgCH4U+FdU8KeGprDVRbm6bUby6As5DIm2adpAMkDkbsYA6j3rt/KkHWNlP+0pri/8AhU/htSSbfUX5z+81i8b8OZalh+FHhDcS+hRynuZbmdyfzkoGdi67euFH+0QKRZY0UlpY1Hq0ij+tcx/wqjwYFAHhfTW9d8bN/MmnL8KfBa4I8I6KD/15If5imM3Zda06HPmajZx/706/41Sk8ZeHbbmXxBpMf+9fxD/2aoI/h74UjwF8K6GP+4ZAf12Vfi8NaNbDbDomlxD0SxiH/stIRmyfErwhH97xXogPp9vi/qR+lVW+LvghDtbxZpIb0F0p/LFdPFptnFtMdjaREf8APO3Rf5CriMYx8vyf7vH8qBnHf8Lc8GMBt8Q28n/XOORv5LzR/wALY8LMwC6hcSf9c9Mumz9MR81263UwXAmcfQ00yTt1mk/BiKAONf4paJ1jttem/wCufh+9P6+XUkfxGtZF3R6B4plH+zoNwP5qK6rEm75mJz71KrELjp9OKAOQ/wCFgPJ/q/CHiuX/ALhgX/0JxQPHWpM2I/A/iQ/9dEtI/wD0K4rr2y3Uk0zad2ckfQ4/lTA5j/hLPEEmfK8Bau3+9e2Q/lMcU5PE3iZ+P+EFuEP/AE11m0H8ia6lVHUinEDsSPxNIDlI9a8ZNJ8ng6yRfWXXV/8AZYDRJfeOGYmPw9oC/wC/rUxx+VtXU+WrdQDj1UU7gY5/OgDkGufHsowdO8L259765k/9orRHB4+ZvnuvCtuv/XG5Y/q65rrWUcnOfxpjEAEdPpQI5G5sfHTBSde8PQjP8GlTt/O5FM/sfxqyZbxfpi5/u6EzY/76nNdhy2egyMU1oxt2knGPWgRylv4d8StH+98byFm7w6LAoH03M1OHhTxB8wPj3VMekenWS/8AtI10lupCbegz6mrOA2BjOO9BRya+B9Ql/wBb468Sn/cNpH/K3qT/AIV8X/1nizxU5/7CKLn/AL5jFdYp2nAx+QpT7D9KkDkf+Fc23O/XvFEg/wCw7cKP/HWFInwu0UH99ca7cA9ptfvm/wDa1dfzT1Xv0pgcc3wr8KfxabcOf+mmpXbZ/OWmJ8JfBjZ8zw3ZzD/psXk/9CY12Lj5qMfLwKAOTj+FfguKTcPCWik+rWMZ/mKsf8K78JqwK+FNBUj00yD/AOJrogvrQfl6c0gMaHwfoVu26HQ9MjI/u2cY/wDZatQ6XYwyb47G0ib1jtox/wCy1fVdw5pVUCgCFVVeFRR9FA/lU8cjKODj6cUbQaNtMBfOk/vtjr1/z/hTlklGQZGYe55/z/jSbeDUscYwKZQgLM2SaftK4I/kKeF2rkULz1oGLyw7flQI26cfkKduC8E4FO9wcikA1VMeccdjjuPSnqBtGecdMgGmb+ooVhzTAk3D2/LNIFG7imKw55o8zaaAJGVWzkCqV1a7vmUYPere8Goppgo6gUAUGjKqoA570VM0w3EgjFFAHFABpCpHBPPvT7X/AFY/3mooqCCSRj5iVO0KFCdvNFFUiWWYkH2c8fd6UsJ3L/8AWoopgTKopjKNx4oooAPu9KefuiiigBEUc05hjFFFBSHntUi96KKpAJ/FQ3eiipZLHr0pzUUUFIae1PUmiigCU9KbRRQAU5u1FFUgHLQ1FFSwBaXGaKKAGsMCkjUEPkUUUEsZtHpTZBheKKKAGr94VZ9KKKCkMX75qSiipYCrUn8NFFNARP1py/doopgNpGooqWAv8IpFoopALSrRRVICQdKkXtRRTKRIPumk7iiigY2cfKabEflFFFAEnrUXrRRQA6PvSNRRQAelVrjmRQenNFFAFMHGcetFFFAH/9k=)

Связывающие с белками плазмы свойства R- и S-изомеров темоциллина различны. Изомер S объединяет вдвое больше, чем изомер R. Клиренс изомера S медленнее, чем изомера R. Период полувыведения составляет 4 часа для R-изомера и 6 часов для S-изомера. Как видно из этих примеров, соединения обладают эффектом депо.