**Выбор конструкции манипулятора**

# **Анализ технического задания**

Целью работы является разработка манипулятора, являющегося составной частью подвижного робота, участвующего в соревновании «Кубок РТК».

Исходя из анализа регламента турнира [ССЫЛКА НА ИНТЕРНЕТ-РЕСУРС], разрабатываемый манипулятор должен соответствовать следующим требованиям:  
 Масса манипулятора: не более 2 кг;

Нагрузка на выходном звене: до 0,5 кг;

Крутящий момент на выходном звене: до 1 ;

Для обеспечения конкурентоспособности разрабатываемого робота, произведен анализ возможных испытаний, задействующих манипулятор и проводимых на «Кубке РТК». Суть данных испытаний и их стоимость в баллах представлены в таблице 1.

Таблица 1 – Испытания, проводимые на Кубке РТК

|  |  |  |
| --- | --- | --- |
| Испытание | Описание | Возможные баллы |
| Траншея | Фанерная площадка с двумя продолговатыми прямоугольными траншеями глубиной 40 мм. Длина траншеи – 670 мм, ширина – 140 мм. Одна траншея заполнена теннисными мячами (65 мм в диаметре), вторая пустая.  Задачи:  - преодолеть испытание; - Доставить мяч из одной траншеи в другую. За каждый доставленный мяч начисляются баллы. | 4 + (5+3)x, где x – количество захваченных и доставленных в другую траншею мячей. |

Продолжение таблицы 1

|  |  |  |
| --- | --- | --- |
| Дверь | Дверь открывающаяся в обе стороны на с ручкой типа штанга. Габаритные размеры двери – 480x480x8 мм. Для открытия необходимо усилие 200 г (2 Ньютона). Высота ручки над полом – 220 мм, толщина 8 мм, длина 110 мм.  Задача:  - Открыть дверь на себя или от себя (во втором случае необходимо привести дверь в положение "открыто" под углом . | 6 баллов – если открыть дверь на себя, 1 балл – если от себя. |
| Вентили | На стене закреплена конструкция из сантехнических труб с вентилями различного типа и размера: рычаг (размер ручки – 90x15x5 мм, ход - ), бабочка средняя (размер ручки – 50x15x5 мм, ход ), бабочка малая (размер ручки – 25х7х15 мм, ход - ), задвижка клиновая (размер ручки – 50х15х5 мм, ход – 3,5 полных оборота). Момент, необходимый для поворота вентилей:  - бабочка маленькая и клиновая задвижка – 0,3 Нм;  - рычаг – 0,5 Нм;  - Бабочка средняя – 1 Нм.  Задачи:  - Повернуть вентиль до перекрытия риски, обозначенной маркером на вентиле. | За поворот рычага 10 баллов. За поворот клиновых задвижек – 11 баллов. За поворот малых и средних бабочек – по 12 баллов за каждую. |

Продолжение таблицы 1

|  |  |  |
| --- | --- | --- |
| Кнопка | Обыкновенный бытовой выключатель для лампочки. При нажатии загорается светодиодная лента на участке "Туман". Кнопка расположена на высоте не более 70 мм от пола.  Задача:  - Нажать кнопку любым способом. | 3 балла |
| Маяки | Маяк представляет собой алюминиевый цилиндр диаметром 67 мм. Маяки имеют один из следующих цветов: красный, синий, зеленый, желтый, фиолетовый.  На линии для автономного прохождения также могут располагаться белые маяки. Робот при этом должен находиться на расстоянии более 30 см от маяка.  Башенка – постамент, представляющий собой миниатюрную копию специального испытания "Башня", с габаритными размерами 160 мм высотой и диаметром 90 мм. На него устанавливают стандартный маяк.  Задачи:  -Цветные маяки. Захват и подъем маяка, доставка любым способом его в соответствующую по цвету зону.  - Белые маяки. Захват и подъем маяка на перекрестке черных линий и доставка на другой перекресток.  - Башенка. Баллы за захват плюсуются с баллами за захват с башенки. | В зависимости от сложности испытания можно получить от 0 до 83 баллов. |

Продолжение таблицы 1

|  |  |  |
| --- | --- | --- |
| Обломки | Предметы разного веса, размера, формы, текстуры. Материалы: пластик, дерево, резина, поролон. Габариты обломков колеблются в пределах от 160 до 35 мм, вес до 100 г.  Задача:  - Собрать предметы в корзинку (высота корзинки- 90 мм). За захват и доставку каждого предмета баллы начисляют отдельно. | Захват обломка – 4 балла, доставка – 3 балла. |
| Трубы | Конструкция из пластиковых труб, подвешенная на стене ячейки. Каждая труба оканчивается шестиугольной крышкой со стороной 40 мм. Длина подвижных трубок 60 мм.  Задача:  - Извлечь. В трубу вложена трубка меньшего диаметра. Робот должен захватить и полностью извлечь трубку  - Повернуть. В трубу вложена трубка меньшего диаметра. Робот должен повернуть трубку вокруг своей оси, на 180/360 градусов, не вытаскивая из основной трубы. Одну трубку можно повернуть не более, чем на один полный оборот ().  - Исследовать. Внутри трубы, на донышке написана буква/цифра. Оператор и судья должны четко разглядеть символ на дне трубы. | 5 баллов за извлечение меньшей трубки из большей. 5 баллов за исследование того, что находится внутри большой трубки. 9 и 12 баллов можно получить за поворот меньшей трубки в большей на и соответственно. |

Продолжение таблицы 1

|  |  |  |
| --- | --- | --- |
| Мишень | Концентрические круги, распечатанные на бумаге, и закрепленные на стенке полигона. Три мишени закреплены на разном уровне. Мишень состоит из 5 кругов разного диаметра. Диаметр мишени – около 15 см. |  |

# **Обзор существующих решений**

С целью определения наилучшей конструкции манипулятора для получения максимального количества баллов за испытания, решено провести обзор существующих конструкций манипуляторов и выбор самой подходящей из них. Объектами исследования стали манипуляторы роботов, участвовавшие в Кубке РТК в 2018–2021 годах.

Трудность данной задачи заключается в невозможности сопоставления фотографий роботов, принимающих участие в соревнованиях, с полученными ими результатами за каждое испытание. Вследствие этого принято решение проанализировать все имеющиеся фотографии на сайте Кубка РТК, разделив роботов на группы по количеству степеней подвижности манипулятора. Далее для каждой группы определены лучшие представители, и посчитано, какое количество баллов способен набрать каждый из них.

В результате проведенного анализа выявлено, что манипуляторы роботов-участников Кубка РТК делятся на следующие группы:

* с одной позиционирующей степенью подвижности (ПСП);
* с одной позиционирующей и одной ориентирующей степенью подвижности (ОСП);
* с двумя ПСП;
* с двумя ПСП и одной ОСП;
* с тремя ПСП;
* с тремя ПСП и одной ОСП;
* с тремя ПСП и двумя ОСП.

Лучшие представители данных групп представлены на рисунках 1–7.

Изображение выглядит как игрушка

Автоматически созданное описание

Рисунок 1 – Робот с манипулятором с одной ПСП

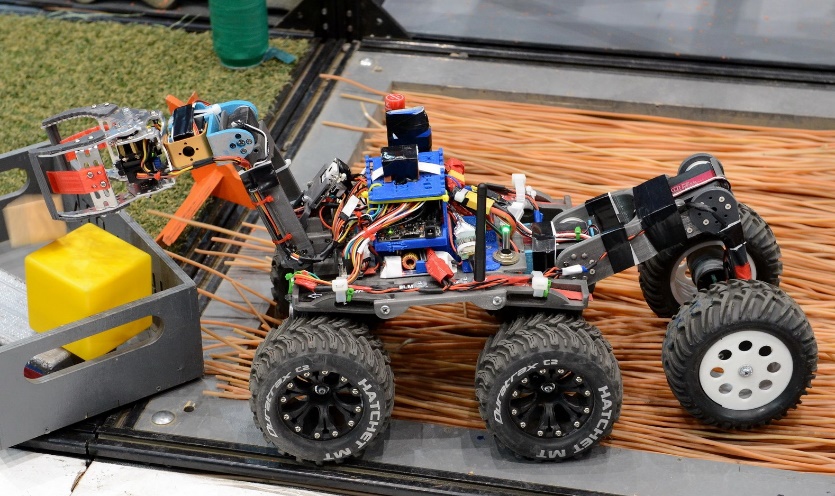


Рисунок 2 – Робот с манипулятором с двумя ПСП

![Изображение выглядит как трава, внешний

Автоматически созданное описание](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4U4iRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIyOjAyOjE2IDE3OjEyOjIxAAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAMyNwAAkpIAAgAAAAMyNwAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMjowMjoxNiAxNzoxMTo1MQAyMDIyOjAyOjE2IDE3OjExOjUxAAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAPHUAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgA1AEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A8q8XwfZ/F2pxgYHnMR+PNZkPMkPuKJbjjseq+CLfztEkJQNtlIro/wCzYpf+XYH8Kq8IxuxRjUqS5YlKXQdQuJ8RusEA7A81ag8MiPmW6d/bPFcNXGr7J6lHLJfbKGpW91ZcIoEY6MBXDeK557m1EbSFsHOK64TjUhzI86tRlSqcrMPw3eix1VJG6EYNeo2N5HNtbdyTwM15GOg+Zy8jNr3kzqbUZQVnXMUs144UYUdWNfO5Sr15I9TE03Omkh37uEYUbm9TXk/xBd5PEu5/+eQFfU4VpVLIK+HVLDmJoh26rAf+mq/zr6ACZjX3Ap47Vo3yp2jIRoSEZjgEDoTWRNfTKxAhJ+hrlUVFam+KdSppTGLfzbRugNPGoyM3/HuwprlPPlh8Q92Tx3MkzECJh6E1cS1kYgscD0q9OhVLC1L3my09pbsBjKtjk01be4hI8ohvxqXCz5onpxmmuWRbGlNfqBcxAe+aZc6LZRYEhJPQYNdtOU3E8+tTpKV2ZN14dspXDKjfUmuX8faXa2HhuJ441EjXCjdjnoamM/fSMZ01yNo8502Jp763hHV5gB+de26PpMCaNarJIyyeWCce9a4lqMU2ctCmqjcTS/su3ZAqyn86UaUAMLcOB9a5I1I3Oh4TQ8Q+IsXk+N7z/b2t+Yrm7dsSQn0NepP4mcMPhPYfhrLu069j/uzZrugccCtHTVSFmRCtKlU5ojioYdcGq0iv6cV4uKwc6esdj6XBZhTre7LRjDCJUKyAFT1BrifFfgm4uonm00gkjmM/0qMJWcHyvYvH4aNaPMt0crpXw91eSZXnCQqPU8121l4bZJEa4lb92OAh616Nal7SDSPnE0pam5DNcxNsMR2DoamdPO5Z2HttrxcJlU8POUl1PWjiqWlyL7NGP+Wn/jteU/EaFY/EMe1t2YsnivSw9GcKl2GMr06lG0WczpTBNRhY9pFP61759qZol8peCo61eKi200jPL6ijFpsrlZpDubJ/GlED/wB05rgcZ31R6qnTa0ZetdBvLkbguxfVqgl06WC4aAunmKpbAPXH9a6FhKjjzJHI8dRU+VsggkR3KpKjMvVVYEj8OtaludzbM5YDOB1qY05Rdmi5VYT95PQuraE9cL9af5XlsNuW+lb06Ep6mFfEwpK3UXNywJZigHQVWduMk7mHerqOVJaHFGSqvUjYuTkn8K4X4lM39kWaE8G4zj/gJrlou9RXOmqkqTsef+Hz/wATuybGdsu7j25r3G1bFnbgqR+7X+VdWMdoI5cF8b9CyGANOEhzwTXnnonjfxXh8vxekmP9ZAp/UiuKjOAvs1e5U+Jng0/hR618MW/e6jF/utXou0Cuin8Jz1PiFxS59qppMUZNO6E+Vu1KBg8V5mIwS+KB7eDzP7FUp6lZtcQt5bFJMcEVxh07Ubd8TTyKScDDVlSrS+GW6Hi8NH+JDZj44r0ME+3OGPTninkasjEC6JHrXQqjOBwEa61aJQfO3c+mcVwPjWSefU4nndWYx8YFVGd2KUbHM2jFLlGHUMCPzr2aDXL5LdGa1TG0c7avmsRZ9C1H4huWjLfYFKjqRTW8Su0eFtNjHo+ehpOUX0KTmupq2Him9ntWt5Q0ZK/LMo4+n49K851LxVf3srxwxPbREnDMfnYA4J/OtfaJKxk4a3Kulzy2F+tytwEYD5ueSD1rZv8AxRNZvG9rhFfJ8+I5ZsjBOf6UK3Ud5bI6Lw74xTWQ1u8pW9jA3Ix++P7w/wAK6ZNYnijK4TB9ua5Z1pU3ZbDkud3Yn9rzMOVU00akAeYV96xliObdFRbjsK+poRzCtcB8Tb1JbTT4wu394x/QU6coSktC/aTas2cT4Z51iE/3Vdv/AB017vFd2aRRoyHKqAa1rqDS5hQqSg7ol+12OejYpDJpx6u61z+zovqbLF1F0PK/jHBs1HT5/wC9Gy/kR/jXm6/db2YGu+p8TOal8J6b8MLoHXLmL+/CD+X/AOuvVTzW9J+6c9X4gozVkIUYp2KQxaoXejw3bb97K3bmsKlGMnfqdMMROMeW+hnXGkyRY+QyL6rVT7KqTCN45Me5rklCUWbxmpE6QpjYq4GcZNeb/EK3WLVIygGBH8xHaqpLUU9ji7WNjcxcYDMMH8a92so5BawxRMHyo+UjNVUvcUDTt9HmZG8xVUe1XI9H02EAzKrnrg1pTpPeRnUqLZGP4vT7ToM0enL5c0QLKoON4xyPyrx24Yz6LBdQu3nWzGGdMfdUnKn6HLD8BWdea5lbox0lpqZyTPKhVicj3rW0dvtksdhJIFVn+Ut0BNXGW9wkjudS8KRx6PG9hIyahaAyRzE8t3K/Q+lHh3xha6rGttekRXwO3ABw5B/n/n686ftYNCasdOTk8U0kIMkVyDFyCobFef8AxHceZYLjorn+Va0fjQzmvCqPJqiiMZbYR+fH9a9iZQGJ9a2xWyJW4Yx3x6Upb3rjHc5b4zQ50/TpvSRl/MV5Ih4f6A17FX4iKPwnb/DOfb4tiXP34nX+R/pXtmK0pbGdX4goxWhmKQAMk4rMvtf0/T1PmzhmH8KcmkPcz4/G2muM7Zh/wGrSeLdLbrI6/VaVx2LC+JdKfj7Uv4inPqWkzgbrmLPbLVLSkNNxM7UXhXTpv7OmSScj5BvHWvH/ABJBqUbRx3scnmzvkueh9gawVPkbN+fmRiXSyCZVjViIwAMCvYvBmtXdtpcEF/bgyMMxyeo96FOKepMtjqJdUkbA3YB7Cqr3TtkEkD2rnrYq+kQjFIiZt3NV/sNk9pNZm2iS3uMiRUUDOe/1rgm20zWLszx7V9Im0TW5bOUlhGcowGPMQ9DVhdgUeWu05BBHXNenSalFSFPex6xZ+dcaVAbhNkzxDfz3xXkejzMniiGTaFc3Yzjt83NYUbXkkI9kDHcvanHB75rkGIzqAO9ecfEabdqNqnpCx/X/AOtW2HXvoGyj4Ai360x6gIv/AKEtequc+1bYrZErcU4C5xnFNfHtzXGUYnxbi83wtDIB/q5wfzBrxVe/utezV+IzpfCdT8P5vK8ZWH+0xH5g176c1dLYzq7kM9zBbJunmRB/tGsC98W28QK2sbSN/ebgVbdiEjnr3XL68B82Yqv91OBWDdTAqQDkmouXawukhJdQt4pTiNnAbPpXrH9maayAfZISMcfKKpCbIH0HSn62iD6cVm3+jaDapumUp7Bzn8qHZBdmEJ7O3kP9n25LE8PLyR9BT7K2h1i7LX0fntHyu7tXJiJNU20PY2k0ywgGEtYxnsVHNWBGqKNsYGOgArxm2xXFXaeq8j2p+0H0qbsd2OCoR0FYsV3dancymwEEVrE5j86VS5kYcHaoI4981tGV02+g4yfUwPGOl3t9FBJcJAFgYgXEZK4U/wB7OcDj360zwVpdjN5txMBJdwvgDzFdQOzDbW0ayhRtE1lK6uju9sZ6ZGK52Hwbo8Oq/a9iiaV3lhRpWyWXDMQBxgZ7mqw7cm1HsZqfc3DCxOSRj61G4B4bA59a5nNIfOgMXFeYfEM/8T1EzwtuP1Jrow006lhqV2T/AA4TN9cP6bB+uf6V6UGbcVOMela4uSTimO+ojD1OB7UxgpXGQSOtciaYXKfxIj87wXdeqMrfrXhCfeA9q9mruFLY6bwRHCuvR3k0rKtqQ4VRktXq114j+15W2vVtlPrEc/nVQdkTON2ZElqLg7m1GCRj3dyD+tU5tLvcZgEMv+7KvH61VybMpjSdTJbzraXgHbtGQfyqpNp17FgyWsoXHdDSCxDbW88sojiikaTPCqpzXX2MF9aop1DU3twB/qUbc5/wocrLQSV2T3PiGYJ5VsWRe7ucsfxrBubh23SOzO3fnJNS22PYqNcuqq/3UOPqM10GhzETP/u9a58T/CYG19qHryKd9oyM9K8bclIfFJyQW59TS+aAefve1OwEsUck+7ykZtoy2B0FYelK2jaFHHPFKzLPLGgVDmRg7dPyraFOTpsaRMbrVLgYSK2t1PUS5kP44wP1NY0eiXGj3D39nb2jzlskQho8L/EACSCD6demKqnOmrwezKjobFt4ispgfOYwYON7ENGf+BDgH2bB9q6rTmR9OkUTFRvbAVdwfch49umc+1aU6cqc36BFa2ZlOcKAX9qg2LkFm5z3rhn5mY9m4xx9K8l8eyb/ABDNx9yFFrpwf8UumtTV+HI2xXMv/TQD8lY13KzrnIDA96rMXacRT3IhNlyY3xz3q2LhFUblDMOuBXDSmyR3i+Pz/Ceopj/lkT+VfPiDDr+NfSVDalsbvhdyNSkX+9H/AFrsWSR7R/s67plO4j/ZpLYtkMcjSYGSD5YPTvT45ZdnJ5zg8VpymXOxwuZE+4zfgaureX8USyGWZFbpljUvQ0i1Ini1m8COpmY7lxnPIqobgIxLklzUiloyjPcsSQvGRkUkCvOpVcliwxTIJ5bbLsh6cAitbRW8q4b0xisMQ/3TJZuHyXfIUZpQh5xjHtXj7gPOOnrTSuFyrc02xHR+EI5PPndiyq2EDD8z/SteXw7Nc6nPcTXcXkm2MMCAfcJOWYj1Py/lXp4dfubM1itDhrmOS2vZbcsCY2KnnuDg0m/GPk3LXmtWdjMz7zRba7kaeLdbTt96WI4z/vDoR9aZZPq3hePzYJFlsZJFikhhBAf04wdpPI449h1HZhZOcuRlKWhJa6hNcSz74VjgAGzJyw+vbkc454x61N5qSZUZcg9fSuXEQUJ8hI4TEcMDjsa8o8YN5niO9wcgBB+grTB/xPkVT3Ol+HiY0qZsgZkJyfZcf1rsxhFwSvNVmHxr0FLch/c7uxHpU6rFgjcQ351wQ5bmZznj/wAWRx2raXYyq7yjErocgL6fWvJzgMuDnnn2r6ObuzpgrI1fDxKa0injcjCu5tppbacSxHDCnHYb3Lv9oW7uWl0+DJ7qCv8AKgzaU6820qn/AGJP8aHJonkTLVpc6NAM+VOG9WAaotVvbedUjt8lRySVxT0GotMzk65B7VBcHa4Y54xzj3pIU9xPsxdt79T2FTJ8h+Tgj0pN2ILFvE8+WbK57tWvaWywpyQ3qa83EYjm92JNy7+7Y7kXJHXtR56LlfmX6VxXtoIcZUONrEfhT8jbleTSU76Adb4TAWElm2rvLHPTgf8A166lZoHOFnQ/Q169Bfu0bR2PK72Z21O6yh3eY5bPY5NQLLNIxWCJ3wM5Vc15d3KWhiRm8jhGZ5VjYgkKTljjrhRyfwFVrPxjG8M9rozTTylQZJvJP7lSQpZV6seRgYHrXdg6EnJSehUdNSJN9s9xbfNJLazvEm44LYOQp/3gcj0Psasw3CTIJIFGG65GCP8A69Z41XtUW+xLHGQtuHlsCPWvK/ErF9c1Bm6+YB+lZYJt1X6GtLc7LwEgXQSxBOWc8D/drqJFQw7gBnuTWmP1qL0M5fEVDauWDKMN9afumtoXabYqjvXFCDvdCSPK20jUBHKB5bgjJ+YZ/CsN5OdpQKVPUd6+gOgv6PJt1u2YnOTj9K71Qc5FVETEIB5FAHegaJFAYdDSlMdaTKBchhinMf4TQiKm5JBB50m0nbgZz61o29jbRuSGDE/3jXnYnE/ZiYtlxvLICBfoRUqQLnO35setcCYgaLpwRjuG603Y/wA24naPXvUsEJncA2QpHc96Uc/xbfUikB1Wgts0q4jwfkTkk9dx/wDrVPZsqXsTvwoYE17lFWppGq2RzdzPZWusLbXREdxK5LIcu3qeBhR1HO4/Sku9deGBvIW3s0UFd9zggHAwdowp79R261caVLDWb6mS1PPbm80y6mjh0+4upbtHbE0ClUTef3mMcn+LA6c46V03hKO60XUJl07TxeWTciMTqsy8c8twemeaz3evc0Satcbcz29/reo4aS3km2sYZhtdXHqp57LUVnMiTpI2F8xtswPZugb8eh/CuapF8soPyIa1NWVmYsIiowa8m8Q7m1S8kIPzTsCexIrDAp+0lcujud74LQJ4cjJbaSDg++f/AK1ah3cFpsyZ6A4FGP8A4q+RMviZOJsxhzKCAeRnpVvRdD1LXJ281gLNT87sMBR7+9dGEpKbu+g72RzPiLwvdxNE1j/pG8c7gAQf8Kpaf8PPtm59Ru0g4zsQZ/WvTlGzsNS0uSXXw+itZgbK9VmXo5jzmq11ouvWkY8iS3ufUYKmlYafcwZ4fFsM7MtnJjsqgMBUJ1bxDbD/AEjTn46kxkVm3ZmiWgqeL7iEDztPYe+SKsr4zs3/ANZBKvr0NFxouQeKNKcqTMyH/aU1Ul8SLc3TRwA+UOjngmonJqLsTJXNKz123SVftBUfTq1bMOp28sbNgEg8ZJHH1rx505J3ZlZFyO9jwrDaobqCeatSagiIoO1T23Dr+NQTYjW/3My+auMcY5qxHJA6jdMGb+6DiotqDRcgt4XnWRlma36udvHHviiVE3GSK3keJjkEr2/Cul0Jey50uomaulTP5MiAlVJG5SeeM9at3MrLbuynawBIOB1r1KatFGq2PP8AxP4mGmzc2xa5lDlWjhUKFDEDIDDPOa5GG2udYvWk1uS4u4omURw2zpsOfx6fT86UqfvOV9egrJHUQXFnZg2ttZSWlsCI8xAbmc8YyOTyMZqnbX1/Z2j6pojzfu5ShjkXezgHBBGefzzRRpOMnfqhLuTLcS+LL2XVopbaC4tWTFuxyysAfm2nB25/pTbW6NxPMJUCGUlJU/ut0I/P+dZ1E+Zx8gluX7dnKyRzSBJIuGJOA3v+Vec6ozy75CSY2ndl5yDz2rLD02qspdGVS0Z6V4bRYvDVoCOSgIAHu1XfMttocNmUHAU0sTDmrk9S/oXhyTVJ/tN44gs4zuZgMD6D1Nd9ZWz6oqWlmhttLiOCR1kr0aVNU4CfvPQ5DULuysIj50qJ6Dua5G/8Qudy2ULE/wB4jt9KupOMdzSlSlLYh0+71q7Pyxuwz1ZMCtMR6t1NvG2PRsVxTxtODs2d9PLqtRcyQ1ru6tzi4spAO5XmkGsWMoCyFwe+4dKftVUV4MPYOm+Wqi3DdaQ3ygxn/eAol0fRr5sta2b5HeMZril7ZT5pbeR6Ufq8qfLHfzKcvgPw/MpLWcQPqhK/yNZ83w40vdugnni+hz/OuujWdXoedicLGilrcpS/Dy4DfuL9WXtvSkXwVrShV8yF1B4wSMVtJJ6NHF7NMbc+FL8HM1u5YfxJKf6iqI067s5FaS4nQjhFkZWyfYZ5oeHg1axk1Y0bHSNc1WJjbQy3KwsPNZ12deg5rVsPBN+9yDqWppaFxuW2g+diB6noPzrGOBje/QlysdtpVuthcPA1nG+nJEDFL5xeR3JB5XoBjvXAeJT4lsdYU+Hl1O/0+ZSdqxN8jbmyoA5wBjHsfevQS5YqKJik3qO0bxhJptqkOr2l3FqFxMdkUqMGYYAByR+FbGoeNLGzuRY3KMZpFygidZA3UYBBweQRWckupor9DL1yzsLw7ZrLUDrVo6IVbBjjDMSEY54PPB+n4dRY2Pgy70T7XeXjW80Kql0SoxDI3YnZjr0qKlFVEtdhNX3ORSx0rXIr6ObXfslzYRo8PmIPLk5YbQMfe4Xkd271zFnf3+l3dxZzsYGR9rCP/lmeenbNbBYt61p+iDVIZtIupbdEjWN5ejGXkhhk5OQDntke9T2ourljcvDIsqIDOTGVDpnCTD2JG0++BWU6a5lIHqLqEl3c3DJPYXENpLGU89kba3oc9K5O6s7iCAI0blI2O5sHb+fvSp0+SCj2Kjpoem2H7rQ7PagJRVAz2OCf61u6HoSyxm+1D91ak5AH3pT6L7UKleq5Mh6I7LS9Pm1ox/J5GmxcKq8bvYf412sEEdvCsUSBEUYAHatJu7Kgranz5aaHLcyebfsxOfuk5J+tdBBZQQjCooGOgFfOYvEurKy2PsMFhFRhdrUsbEX/AOtSOGIwgwK4zuIjE/px71HJp1vIMyQRsfpVQnKDvFkzhCatJXKM+hWMn3VMbeqmqMvh585t7j67uP5V3UcfJaTPOr5bGWtPQqNbaratgGYqO6MSKVNU1GEfMzcdnWvSp14SV4s8ethqkHaSLEXiS6Q/PEj/AE4rQh8VDb89q31Vq3v2OZx7nLeJdf1S6u/s8WqRWNqJXVjA2+QAcDgAfz6965i1ksLO+t7h1mlkWVS91PISRg5OFH8jmqlVSnyrU51F8tz3m4m0W++wywyT20e9fIjgB2SseRuwOAcf55rITxLba5Lc6fp0rkR7TLOildoyeAeOT+PAOKt1OhCh1EluVtIgkKoGadV28/N0z9TWcut3Gl+F2uoUe4mRQ6xSArI+XI6ADoB6dqWu4zlL3xHLrmpael1pqRN9qiw7ZJA3DjkVOvhZNV1Wxnjkszb+SyeVbEFGYmQ7gR7kHp2rKErpto0as7I9Lj8OeFjZ3DXmn2yS3IWQeSm3yJNmCRg9myR9a4TwXbaPq1pqEetxGdo5QksXnSR5wPkb5SASCD1roTRmedCWOK/VjORu+VgM5XDdff8A+tXpuo+EtLmd4tMu7k2d3Es6pLMTsnAxk8EEEH1oVmD0OQsbdWju1v7ZGex3Ryn+KHqu73AP616NcT6br+k6T/Zzf6ZBanT7jIVQ6yKQvGcnEqofbJ9aa11DYzvDk+j33hXytSBDF3hJjMgboDlgGAPXj6Vc+GFlZa6NT0DVvtDyWx3IFuZFVkzgjaDjrg9P4qGmtSVvZm94i8GyaHJDd2BF1YowLW1xxyOg3KOBj1HarWhCLxHqAF8/2bywCLSQbGYf7I7r7jOaFLS42tbHo0USQxrHGoVVGAAOlPrI1PJNoxgsOKUIQMZzXyZ9xcydS1G5juVsbO2aa6dC67UJ6Z9Pp3rnor7xFNcLcNb38Nq0IJAhV/3gwCAvXb1OeM/jXr0sPRjRUqm7PDrYqvPEOFLaJsaVqN7JHdXF6Ntrb4Uloyjknbzj0G79DW6CrANnIPQiuTFUIwtKGx34WvOfu1NxpKrnjNRkM5IAx6cVxHehRG4OM/Tio5EDcFQ31FNNrYGlLcxdesRBpN1e21uHniQuEHG7HX9K830jW7++1I+ZJ+5kR444gcAMfun3wxH4V7+XVZTptM+YzajGnVTjsOvLS1i0OOaKVjduBKwLjnP3gKgs7a4vYHtrZTJE7LIyjkAgEA5PTgmmpSjfTW5jiYUlyezellf1O98F2V1aXzwXF/MEliEYjt58OGX5lAY9Om3/AIER3rotH06PTNR1iNYmieW4E4RsblR0DAcehLj8K0pJ/aOSVraGVqN9r1vrXlQ2KS6W7ZaQD5hxzzn27ioYtc8QWtxbW1po88mm+TuM06s8u45JBIwM/hXSosyuhbjUru81CwjubTyf34Yl4iBwCe59q0tCbdrMK/uAI4Gc+SoVCeR8oHbBFRNcsbFw1ZtX2rWNvfQWE0rLcSgFFEbEHr3AwOnc15qjXNlrN7NA8KqWYsvmdeepA/GjQRzstjIpLNbLK8jHEkfKjLZOP5V1Hhq+1RdYh0xldYIW2ncM8fWm2raAYOsRXthquo3D3RNvfTPG6xsdzRlt2Me2B+VdZqssbJZa7oRUXG6MAIP9Y+eCR/fz1/WqhLQUo2Yz4capAl7qNrfQLKs+JVVsjawJzj8/0rVk1iz8PfEax1fT9kdtcL5Uqq2VJ+6wP/jp+oq1K6sRZpnqjeKLa7jMEsUbrIMFGOdw+lZd3408H3qiy1EwYH3dxGVx3U9QfpzQo32HzPqJZeMNLgvre30vXvt0LMEe0uAzSKCcApJjnHoSfrXoFQ1YpM8gKE9GB+tKocHoTXyJ95dHIaxfai+s3EdnJ9jkiQlJcsGk4GVBXkDPXp9ao/2V4qjd7gm/COqsscF6uUPO7cG4J6dPzr3+enSowjPqfM8tWtiJzp9OxXttW1uCW603VjexLdKRHOyLujAIw5IHToD9a3NC1UWNz/Y900ca5ItozKZHVBwNxI6HqPb0pV6UJ0rU+1yqOIqwrJ1emnyOs2buelc3r/jG00OaFIZYrwNKYpjGD+4YAZU+p6n/APVXn4PDRruSfQ9LH4uWHUXFXuOv/FlrplpayXU0Ms0zYlit23fZsgHa59cE9PQ4q/cajN5Bmt4Ejt/4by7cRQn3BPUfTn0rs/stOdlLQ4VnDVNtx16Hn3jDXruILFb+I4L52/1iWcTxxqCOmWALfr/SuN03Uhaanb3VwGlSKQNsTHJBzXdTpRpR5Ynl1q868uaZoa1HHYa0xhffDG++FmP3oj8y/oRWjki9aOylMEM6BmAOzOFznOOOMk+vNUlzVEuhi3aPmaOmfYtD1C3uNUvr+WR0WURWm0gAMdvzMfbPA6EVsTeOLVNXjubLTHggIaOVfMBZ0J3A4J4IYt35DHpxRKUYvlm9UCu1dF9fE1tqCW62sswnleQG34DY2sR83YnA5BqLVPE8ul6TstLgi9ieNPs84DkKVBJJ6k89c0/aQ5bpk8ruYtl4lvtW1y3F3IkawRzTFo4+VxE/OM84rvka003RrLU7icPLdqkIJhKl2IyMYyP6D9Ky5ZVYLpqbwnGm3dbo6SKGeeFXihZkPQjFQXUBhUNc220E4BZc5rUwIf7JtbmMOdMikQjgmAH+lV303TLS4SZrC3tpi3EphCHJ98UW6AcdpunrdeJbq6kkjuLTTt8UTqPlkkbqffAyPyqrLoV3Za5J/YsSyRRBbg2xb5VYgjj3wSRRBcuhc5czuczJHcWt9O3lSW0vJZJMqRnn8q2rfR31CKB7WHz4IyQ2ZUABOOcEirSsrkX1N/R7O5t9UudVuGkNvZxuyB3VxgK3QrnA9q3vhZ4K0TW/DUmoarp6XE5uWVHZiPlAHofXNJuzBanpOneD/D+k3Ud1Y6Vbw3Eedsij5hnryfrW3QVY8kJQdcc0Ax9jjHpXyeh9xZlCLRdOjv5b0RebO5yC4B2H2q9z2HI9a0nUlO1zKlSjTTS6lPWNHg1rTntZ0Iz0YEgjnP5cciuBllS2c6dq0slvJAQzfZVZVVMnbEX7g9QeMfnXpYCfMvZvoeTmdPlftV10/wAjutB1OG6dbORLuaVU3KEjBLL2yQcD8axPiTHptvpYkNq6XBuImZZGyPuNwMHt36Z/CvQoYWNGTkup5OIxk68YwfQ4qDxdqUtmun6Xp8RlLBmljgDyOw6HkHGO2AMetaOm+ENf8VTyT6tqLIUO1jIxkk/+t+f4Vq3yrQxvzWudjpvw10LTV8y4ia8l67rhsgf8BHH55rA+JHhaCXSl1LT4EjezX5ljXAKZ/p1/OueVVRa5uptSoyqXtsjg7rzbrQLO9KgvETEx4OR/Dke3I59qqSanLNJFdA+XNGoVBHlQgBP+JrbVLQx9Tp9E0oXd5ZXWseXNbzxvM3+mhH2YPOCQfve+M1Z1bQtNOpM1pMbLTvIEgma8WUrwcEqMsQTgccc1TpxfxEczvoSWsemy3UTafLbXkscTmSIeZEJf3bAjkDHJBznitceGJPtNxf3cOnvB5UTfZ5Lx0a3BACgkDJ6Y5rKpSi4OK0Nac1Gaclcki0hdJvZ7lNPS2nhiKM9tcNOybh1C4Jzjnp+VVdd8Hajd3jXVpNH++eN3L3C58wIAOw2tjtzVUVyQs2FaUZzvFWOng1bxTpPh+wtrSyluLxPkn8yRQu7HY85JPasvWviVqdktrbajpsqXRG6RJcBV5I+UjlvxArTlvqZrsR3HxX1uwgWODS3EYX7zqAo9Occ1FrWteJPGFta3Wli5itrVcz3iJ5a7yOQD3P09afJZivoc3pF7daLeJBumMbHC2/QO/QZJPtye1etaLZWVtYK91qAF7c/vZz2LHsM9h0pO6WgzG8daO19YwnTZo7maMk4JHIPUZ/X8Kb4W8Bada6YJ9UntluWbdtM+di4HBw2OuaFKyFYueMrmz0HwzLDbyJL9qXyV8oEgFgep5HQN37V3XwvtPsnw+0wEYaVXlP8AwJyR+mKT1dxrQ7CimM8eMT57/lQE654+vevkrH3d0SLtUjBHvUvmr1wXPsKpGck2MNwxOMYry34lXj/2rGjxZjjCj7+A5wTgjrxnr79u/flutb5HmZsksP8ANDdP8Y6smkx2EF/bx2sSqPPQFSMAHHOM46VkDxKGW7h1ISalDJIGXzTj8j24x0r3b31PmkktDetvE2o38YtPDOhLBGBjzSBtX+QH4k1taTqU3g6z+0+IL6OSaeRyUTLM2eew9fwqZt8rsrlQinNKTsZur/FK7vpPs+kWJGTwzjcx+ij/ABNcxr9n4sn01dT1dbnyHcKFkOCM9PkH3fyFc0KcVLmm7s7J1ZcnJTVo/mcyPtVuCD5sanqrZAP4Va0uwfVtSjs4mCNIfnkb7qL3JrpbstDkiruzO58NxXVr4pl0q5xPp0UTxwtNApDp2w2OhznGe9Y2s3t1Le3ltcWyfZUmMKCCFEby1fhchckYHTPvWtNrk95akTSU7RehoaFaaPKyRC2RLmaNox50zkEtwAyhPfnmvS9K1TUtPhn0qGyW8uVZWifOIIItoADMRwM9F780RijOTE1HTruZPNW7uJ5ZVzN5MQQq3ykbRjOMcZPpWFdWfjiC7uvs7WyQ+YZI/Nt4+Rzt52dQABzUVFePKiouzuyqsPjcnfcpYOI5PtG0W8e5pAPvDAHzVwev3N3qUslzMYImikdDGoEZLk5Y47nPH4U1JqPKO13zEmkm/uGX7PpbXJBz5jKxGcdeTjua6y2tdUS1jeaFbYRA8qXYrnrhc8/j68U7t7isjC05L7+1HecCOMAql7diZhIuRgKFBOeM8Djmt/V55YooL2bWbO5mWFh9mgE8Z2A9RujALcHrj9aLBczNL1capBPcI14kkabDEJeenDDjqf51my6sdWmezL3KxsNqiWXIIwcEgDrnGetZSmkm+x1wwzk4pPc9o+DMNudF1TTriKKWS2uEVsrlW+Qc8+5YfhXqsaJHGqRoERRgKowAKpO6MHHlbTHUUCPJGGzkZJ9zVZpWZse/p0r5Nn3Ue40Nzz+FSq3bkY7kUkNki7jjnIHvXmnxQ0eTfDqSbjCx2SD0bHB/EDH4V3YCo4VvXQ83M6ftKDt01PPYI1Mio8ghTG4swPT1x3ruvD/g2xvfLkS8F3JtDsqj5V+ua9upUjCDlI+bpUp1JqEdzf1fRvEsEMNtoU0KwuSJMYUx++T2+gzxVXTvhsjSG413UpbuTqUjJwT7seT+lcFTMVye5uerSymXP770O103StN0iIRWFpFAO7KmWb6nqasX++WwuFVsZjYD8q8z2s3Pmb1PW9hCMOVLQ+fLpEN8yPcb49xy4Jb8a674ValaaH4xknus+TLavHuClscqfy4r6SPw3Z8lNe9ZGnrXim4PiC5trII0aY8l/Ky3IGRj/PSszW7KOPTLfVJ2dVlmBuNgyVJznA45znvXbQpxqRk29lc5K1R05RXd2NLRdJhutPs5FtkZ2hUgusgDZHXjjP6dK67wha6h4ZvrqK7kW7S7jRg2eFZSQOvbmsijrP7QmWQeUqRqOcKOtXINQnuXeKUhozG24FeowazaKucH4iur/SoIpNHs0uryTMarJ820YJ3YPHHvXC+DvDhn1YnVrGZJYgWPnH7zZ4I457+tTzLm5epqoSVPm6HrumW8FrZST+SsjvNsBk5CgKOgq297BJGY5bSBkIw2Bg4qkrmTZwHjK0vLpbay08TXFtGWeO3RfnTP3iMckf41jW3hW2mtlkfWZIpdgzE8EuAD2znkVYrnP36jRrgJBIU8xMGRQy5B+v51reDLDS18Uadc38Mt2ZZ9jQnoMj72OpHHPbrWDaU+V7M9BJyw/tIvWJ7j4P0L+wPFWrxLuaC5RZoXLZG3cfl/DJruc1bOS7erFopAeQGSRI8sAR703CyHG1k46Cvkz7laaof5Ax9725ppgdgQGP5/yosCkN8iVWySeOgqC+06LULJrS5QSQSjDgnHHUU4txd0KfLOPK9mYPiPw9YJ4duZLexijntoR5MgQFlVDuwM/jVX4b3X/EruYJAEdCrEAD3X8fufrXcqkp4aTk9mec6UYYqPKt0dvviJ5JGex4pQIjyDuPQ1yQklujsnGbWjsL5a7cAn6GlKBeMj6U5OL1SFHmWjdzx7xL4YkXxVJFa2rQWcgyspA2rxyfoDWvY6BZWzR3KFZXjAVG3ZGR34719Bh5c1JHy2MjyVpItkW8cxwI45n4CjG4j2OMmiZ0eGOAlNoYMIdq4z/eGR1rpUpR2ZxuKluWo70QWwjjiYjbhWUjj86XTPFmmnU7e3nvGWQqqBZARtYdR7En+VVGQnE7eK4t5V3LKrD2qDU9ci0XTby6QB3WB9qkHBOOP1xTdiFe556vxG1BrZ0/sO4Fy67Swz5YPbIwSR+IrNbxvqmnahDJdrJdr9mUeUyKmx8kkLt/hGTStpc012PRPD3iCHV9Gth8scr7pmj35IGcD+VacjDoDmiOxEtypJdtZyh0dVbaQSewPWucluLWKLCxruYcYJH8qoEcnr2lzajEslshZkOCSxPB+p7daUaHef2bBD/akS3EWNigbRt+oG44rKVnJN9Dop1JQhKK6ns/gTxWqQW2napfxK0NsFMkr48wjuCQPfrXodveW13uNvPHLtOGKMDiiWrM46ImNLSKPLI9OkxhpFXHQdc0GymVuHRl+nSvH/ALLqct0z6H+2KfM01oK1rP0QI3bk0w2crjAAU+oNZyy6sttTSGaUHvoV2juLZwruOemT1pk1/FaRlriREXOMnpmuT2U1P2bWp3OrTdP2qehk6h4h06aylggZLqeYGFIVbG4kd/QY6msPwJa2n2q+dHG8qhAijKxBWAb5QfRtwz3wa7VRlTozUzg9vCriIODvudobf5uu5sflTfs7LymRg8nrmvOseqpC7p1BPGScBajluxbozSYOB82KcU27Eysk2cXqmuxm7nnmgYgcRlX7e47Vg6hrBlmiktGkQLyWz1+or6anHkgonxlWftKjk+pSnvriedZpZSzLyp6baFvpDcLI8pdk6FjmtNTIvwarK7gsyrGccY71t2+oeSGlRlZFOZYzbpOWx1ADdM+ooT1E1ocx4iln1bUYZ7HT5ShUruis/KDZJwMDIJHrxmsZ0urMn7VDKgGAyyoRj8q0lvdCh0Rr6X4qvdMtbi3giha2ukZGHOfYnnqBx+JrFZi0aSlplXBUEjjHTGeam90O1mWobm8t7cLBLMoYBlCzHBPenHU9aVh5c86NjktISM1i69NLcv2cmTWVzctqcsusG6kYRbkSKbaznIwMnjGMnp2rpNltGwljF2UYA7Zn3n9AOOa0jNSjdEONnYsRyxztsE4VmHCg4/Q1Vmv4zO0EwTaOrpyDTsAtvqkbSeVM26Ffuyc7vaun8N+L7vSHzaMAyr86sP3cq9iQP4vegD2bw5r8Ov6esyFBMoHmIpzjPQ/Q/wCI7Vs0ijgWUDg81Fxnp7jFbsyUhp465+lRyzpbwtK5wB0HrUuy1NI3k7Ix45WvHkuJCBg4HtWB4w+z3GmpBI69SwycZbHHP418+pOWL5l3Pp3CMcFyy0VjmJ7Pw/FGzWs5mkkKIkcpCBWUEli3VV9ccnpWr4I0u9hF1f3UzeXOdkQ2nDIGJDKD91eeB711YypaE1Jb6I48vpR5oOD21Z2OwxDc8h256k0x7piPkOB6nNeMj3nZjPtM7H5Bvx0HY1ma/NJBpTsFAmcgD5d2O/8AIVrh1epH1MMU+WjJ+R5teX1xdzNHcIp54wuP/wBf41TuZksoSa+kvofHdTOW5uLoyLEct1XAHTPvS2jXFxIeioP73FS9FdlRjzPlRdgnZZNrcYPNbun3ISQHGVIwfeq3JatodfD4vt7SeGyZLF7o4KrFaklR2yR36c/jUl14xSNYodZOkPId5lTyZHwP4Oxx75/CtlLQxcNTn7Zbfxis1vp2mwi6Cbmlt4QkKHI+6WwckZ4Pc+gzXSaP8P7mx0KN7mxt7q6Ksxt5Tli3JC7uQMjAz/8Aqpq1rjd72LD6BHDBvfwc6usPmbY5x9/Gdgx3zxmlFutpb5GhXbMVBKNtc5weOe4x16emayq4ajJpuNwjUntcwdcj01blXfTpIrlV+VnVVUgH2/wrnzqTRscRIfmzSUVH3Y7F3b1ZHK5upTMcIuPSoHntoyckZHX/APVVpB5CQ3drPkRuh9v/AK1WVZ1ZdjEAUC1WjOv8E+Jv7B1aB5JD5RfZMGz91v8ADrX0EskbbdhyHGQyjII+tQykedDVySA1vE2fqKl/taLOTZr+DmtLkco19TtyD/ouOOgauU1PVHml+YYVei54rGvJ8p04SN56mZaa9EJnhxJkHqFzUfiK2uNSjto4LIuq5JZmAwTj/PevEi1TxHOz6ScJVsLyR3Zl23hgGQTXltvKyBxH/D8o4znnBzyM84H0rpXu7whSpKIOwH6VGKrutO/Q0wWFWHp2e7CO8mdzvZioPGTwanjDy/PI/wAg5wOdwrnsdV7FjzCqBVIRQPWue8VF5NFkWOQj5wSc9eDW1BWqxObFO9CXoeeW28s29s44+9mopHjSWV5nAUr/AHd3H0+uK+hd+XQ+Sjbms9itZW0N3iSaR4IC37wqvRc9QB/T0+lKbJJrbfazMpRiWcnGc/16VEppR1NIU5OWmgyPf5kiu2ZE2hmz1ODW5YktEq89MDFaLYyd7jLzUo7GeY2YC3DhRLOe2ABgflUXh/w9f+LtQ2oXS0DZmuH5z/ifaq30Ftqe76BolnoVjHbWcQSNfzY+pPc1uCUjua0WiM3qVb24dF3Bqwd7h3ZZW+Y5IJzUSepcdjiPGN3Kl2ihSWWPg8nqTXMxM03M6YyP4hz+dStxizWN/fWN3JYICtqqtK2CdoY4HA+h+lc1suLNopzKpeXp5ZOVxzn+RzVMSNnw1p+iJr0Mer3qC2kjcu7sUA+U4H1zj86LKfcJVD7gjfKT12kZFCB9zStZSkqyDqpzyM19J+CJ5rnwfpkk6sJBDs+b0UkD9BSY0cAXBIyKXePX8M0yQMhxjH41yGsXDxkrGN0jttUe/wDnrXPiZJRuzswMXKpZCaLavFMnmhfmBOcc/wCf8a6DdOrKqoSp4Ddc18/Kd2fUwjaNhZIpJGI5HA7fyqCWCRQojkIGcYA4qWy0rEcdvMeWk3KeoNT7CMlW5PfpihsaIzG6g75c4H3R2qhf2QvbKaKbb5eD36Ec5rWgpTqJR3OfFSjClJz2PModsczoHyCeD61FeW8kxBQZIzhT3zX0UdrHyL3uU7g31jNJaTrJBIvyvFKmCvtg1XiWVmCRbmJ5wOmalU0mW6spJLsakFp5CbNwZycsfetaNRb2TySsAqoWI7n2FWZlfQvDV94puzcFGjsPMOW9fYf417Vo1lHpdlHbQQLDEgwqqP1qooUjVFwzKOo/pSeewJ+cnJqmSkVbu5cLg5Kms9HVZPM5G/gA+tYt6mi2Od8W25kiSXZxtI3e4PT9TXGAMuc9KpCZQnuL+QvpVpdm3S8dBIN+1ZByMMfQVoajp2keF10+7tNVi1SctslgwB5bAddvXBOetV5kieJda8ItpEFjoOig3cipJeXs7P8A6zA3LGpPAz3wPYd6xdHDCGWQggOwC/hRcZv2CySTIsalnLDaB3NfSvhG0vbHwvaW98nl3KhtyEg7ck4HFJgj5v8A+FiXobP2NScDv19anHxJmVtsmn591bNZqbNXTXctw/Ea2kba9pMpPt0qWwDX94L1xgMMIuTxnnNYYmE6sLROnBVYUat5m3b2jLLuMZ3Y4JBrQjk8sYdWDDls9q8CpCUHaSPqaU4TjeDuToUdSd5AHrxUhAXHy569Oai5bHeWhUYUcfhTJXAbACqzcc0CK7W28F5BuOeMjFVpm2owxjA6CvfwOH9jT55bs+ZzHFfWKvsobI4zxTpTzPbzW0MauMhnBC8dhj161y6TlGZJxscHBBrsvZnnW00LJcSrh/mzxzz/ADqMRqDtjQD6CquSWIbbBVpBjngE12HhXwLe+KZHuLqFodHXhQTh7gjqAey+/wCA9QJBex7FZ+FbW0hjigt1jiRcKi8AVeXRYwCDGD6VdyA/sZAMCIVGdBiI5XFDaBXKs/h1X6L+tZ8mgLCTtQ8nP3qnlTHzNGdqmgNeafLAsKliMrubjI6V5FeW7x3EylWQKxXBGORQ1YadzHubJbn5HPPYjtVO40S5V4ykscw2j5myNp9KdrhexEujMZ2efaqFiRGn8q1oouiqoVQMADtSHc7zwR4Nv9buVuraa3ihgkXeZGO4jvtAHPHqRX0GBSbBI+dbbSdGuebVreTI/gYGrP8Awjen97WMj6U7LoLmfUcnh+wU8WsfHtWjbWscPEaKoA9KVnbQq6vqWwpByuPoaUxKT8wBz1xWcqCmrTVzaOJlTd6btYayhFABIGc4GKhOQeEGOpwcZrzK2WNa0mevh84Tsqyt5i/aCDtC/MfTinQxgSCV+WxjB6VngsHKVS9RaI1zDHwhRtSd3IskZTGTn1qpJZ7ySWzxjpXuSSe585CTS03M3UdPd4QAM15TrzRxXM20h3ZjuOeh/wAaiWrNI6K7M9Lm6+QIp46g1qy6gLeGMhMSY+63WhbEtHWeGPCtxr09vqWrRGOzQfuLfn953y3ov8/5+86WxSyVAojjVcAAbcD29K0itNTOT1NVZnFTxSFutDQkybHvRgGpKGP8v8JP0FULyEGPzV3MV5wM9D7UXGkUmUeXvKMAeo2nP5VwHjPR57uMRxpGHU5DYxx3q90StGeZ3dsbW4aN+CvXIxUGWwQCOvUGpQ2PtrO4vp1igQySHoqjOa7Pwl4Ka61uS21e0njjhQuQvAf0AboevaqS6iPZfDmg2Xh7T2trAOI3cyMXbcc/WtcEMeDkjnHpUMpHxyLS5+U2t+spB4DAMfzHNbNv4h12wRPOt7iRQM5jcSAj6HkfnTs0GjNaz+IVpIdlxGEfPRsoR9c8Z/Guktdd064iWQThFboW6H8elCdxNW1NSKRZVBjdWXsVOakyRVIl26EbEseBTSO9VYm4m7arHHygZOAT/Ko7K6i1C3e5tGMsKNtZtpAz+IpN2GlctBmbkDHbGKZcTJbQtNMwRV6mp6alrSVkedeKfGD3yG1smKW+eWUYMp9vauNW2lkbdKheTgBQMhM9sVjCLS13Nqk05e7sbgsIdJgDTIsl8y7o7cn7o/vN/hXongH4RS3O3XPE6EFyGhtCOevDOP5L+daGXQ9ci0C0UAqisO3cVeSz2jAwAPaq5iLMk+ze9PSLb3pXGkSge/NJ82SeMdhSKGgMc5IxnjAp45PbNAxGiRvvKDVK60i0u/8AWR/kaaZLRhX3w90O/ctNExJ681lD4Q+HQz5E5Rv4N/H8qd0KzL+l/DbQ9JnE1tHKHAwCW6V0ttpMEIPGSTnNHNoHLqXhGAuBSqFyQOo61DZaR8lzQRfaPLeNZD/fcfMfxFR3qvZoskM0vIxtZtw/XmqT0ExLZkv4M3EMTc4xtz/Oq13pdvAPNtvMt2I58pyAadkxXsULXxHqen3SxJP5iZwBIOR+Iwa9DstZvjZLcGXJ7qRkH8+f1pRY5JWOj0y+lvIN8iopx/CCKsbQc1aZk1oKgzIq9iRW7dWUMVkSgYY5xnjNJq+407bHOhzt9znmvOPFmtX0zvatLiALu2AYBOf/AK1S9i09TlIiRGsx+ZySOe1dJp+LLQrzUo1DXER+QuMhTjrj15pIbO1+Cfh6w1zU7/WtTRrq7tHTyvNIKhjk7sdyMcen5V9ABRSGwwKa3Ck+lAgxRTASigAIDAg96EjVXZwPmbGTnrik0O48gHrSA/MR6CgBcDPSigQDkU5Bgdc+9A0OpuxfTocikM//2QD/4THoaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLwA8P3hwYWNrZXQgYmVnaW49J++7vycgaWQ9J1c1TTBNcENlaGlIenJlU3pOVGN6a2M5ZCc/Pg0KPHg6eG1wbWV0YSB4bWxuczp4PSJhZG9iZTpuczptZXRhLyI+PHJkZjpSREYgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdG9yVG9vbD5XaW5kb3dzIFBob3RvIEVkaXRvciAxMC4wLjEwMDExLjE2Mzg0PC94bXA6Q3JlYXRvclRvb2w+PHhtcDpDcmVhdGVEYXRlPjIwMjItMDItMTZUMTc6MTE6NTEuMjY2PC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICA8P3hwYWNrZXQgZW5kPSd3Jz8+/9sAQwADAgIDAgIDAwMDBAMDBAUIBQUEBAUKBwcGCAwKDAwLCgsLDQ4SEA0OEQ4LCxAWEBETFBUVFQwPFxgWFBgSFBUU/9sAQwEDBAQFBAUJBQUJFA0LDRQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQU/8AAEQgCVwLRAwEiAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A+bv24NFNh47tZyu1ZEZfqc18wp8s3tX2n/wUC00R3mlXIXpKQTj1FfFTkeeDWuIXLUZGHs4IlugBMh9RWzaqG05z3GRWPfLkIQcGtbSWDWrgE1zy2OlLexS08ESHjHPc11+nZW3yMY6g5rkLX/j4b2auw0/5rXIPOM0LVEy01Pa/2e7NbzVZ1YZUMP1r6Om8JxM2TH8vuK+c/wBm2Ty/EEoUZDAEgV9cLzjI5ropYejUjea1MpY3EUvdhLQ4pvAlvcctGD9az7r4W2cgJMI6elekBtp9/SnMw9PrXQsNQjsjGWYYmWkpHkb/AApgySseO4FXdO8Fy6TteOYooGdpNemna2fl/GsbxBfC3hKrHuOOwrXkpwVzD2las7PU5K+8Wz6OrI0hyOmDXPXHxKupZCytkfWsTxJpes6/fFba0cIT1PFXtA+D+sXe1pztXphRXn1MXSi7cx6lHL8RLVQYrfEC8fqOp45p8Pjief5Siuc9jXa6b8D1ODMWY5rrdP8Ag/ZWu0+Vk4weK8nEZpSpapnv4bIsRiHbY8xjt31Vd7xeXnvWzpfh23jUeaC5r1JvAsMNrtEfQdhXBeJ9LvtJZmtkLJ1PtitcJmFHEuxzZhktfBq7V0U7m2srUk+XxUEeuW9nwMKK5G81S9mBBfaTkbcVjXEU0j72ZtuOea9hqL6Hy/J3PQtT8bWscJPmgDpkCvmz44eK01RJI48sv97Jr0PUG2Qud3bHvXiHxKV5d4APFYzw8LXSBRV0eQxvukfA/iPNWE+Vh6fWoPJMMrBgQM4qf05/GuKp5HoRPp34A3AjtoecYUd6+hf7QCqMnI+ua+Rvg34kGntCrPt7V9GWHiFLpFOQeM1+ZZlCUar0PPrQd2zsY7xmx2q/ZMWYd6xNKmSXBP1+lb9rs3jacg149bm9k/QnDK1WNzqtLX5Bj9a37fO3GKwdLPyqM10FotfhWOb9rK5+r4VXii7byFcD9Kx/Ek3+jtn8q3YYcKDiuZ8XP5Fu5JwMGvU4dqXxqRWZx/2WRxsykk8g96rtGnUYqjNqm4hE5c9Mc1qaToN3dMJpPuH+HHNfvkabex+WUcNUrStFBbwtJJtQZHTIrbt/D8jKHZwe+M1sWVlBbQ7Wiw3riobzVLa3ygLA+1dP1eMdZn1+ByFzd5ou6VCLcBHVfTmvlz9tLyP7AxtUybxtI7V7/NqIkkz5rj2Br5a/avm87Tshmbn8q9DA1I+1UYo+lx2W08PhZNLVI+Srdf3p4qRlxxim23+tIPWnyEbyMk/hX3qPzJkdrxcck4z2Nej+E1H9sacSODIv8684tR/pII/lXoXheT/ibWGenmL8341jW0ps6cLf2sfU/Rr4ctD/AMI7bcEnyxxXSyMR92LH1rnfhjubw3bbYwvyDmuqkgds7nC1+XYj42f0Bg/4UblMrKcHAFMIbvIBUzRxr1fdUTNF/DGzH6VyWkdrcepEyo3WQn9aZ5MZxndV+O3lkOUtzj3qlqs0lkhLpz3rop0ZSdmcGKxcKFNyW43y4U7ZqGZ44+MCuXvvFhjZh0wetZ83jNGUgnd7V2Kikj81xWe4qbapxZ2HmqcnFPRkYjAGTXns/jZFwA3HtUtj4y85ixb6c0Kkt2eWs5x99EzvJsZG1eafDDu7CuQ/4S6MYy+Casp4yijAIbHtmtPYp9TF5pjpXvc6xrdQuQAD71AowxIA61yzeOomU4bI780kfiyOZh8231NNUknY5ZZhjJaNs7VJsL0Gfao3mV88VgL4kgEJYSZqOHxJBJLgnr6GtPZnP9axUn7rdze8xOjAU1Zo+pXNZr6orZ2jjHepoWa4xsBPsKfIjsp1MwquyuWbi5i28Jg0lrHHM/TFKulzzHO0gVq6fopjcFzkd6UeU+gw+Fx8rOcrFWbSnkjOyIsKy5LCSN/mt2/KvVdLht44QMZ4qvqVit0SqBQPUCsKuE5nzI+0wuKdGPJM81UbekWDV+yvJIWysYFb954WRl3B8H2rJfQbiP7pYr7Vyyo1KbPTjVpVVqben61PxuKgVuJqEc8eGlGcdK88n3W7YcvmpbXUvL6Ru3au7D4yVPRs8/EYKFTWKOp1bTo7xGATdnvXm3iDwjqMchktGIH93Nd/p+qXMrKvlEj8634NNN5gsmM9RX0WHzDm2Z8pisnhLdHjeg2utRblcZIP8VWdXt9XlUfuzn2r2628IRMpbbg98CpP+EZiRvmQMv0rv+syWqPG/smnezZ86yadq68jzB9RVG7t9eWNhGG56cV9JzaDZKPmjGfpVKbR7EKcIvpjFZPGVuo5ZPQjqmfH+uab4ouJSHjZU/vL3rHXwpqsy7VRSO4f1r601zRrOYH5V+npXNL4UgmfhBj1rjlNyerD6v7NWieAW3wzn1LbHPZqIj1CjANQ+Kf2e9Lt/DGp3MVn5cqwlg3uOa+mrHwksXzKxA9MVB8StPWz+H2sSFV+W2c5/A1MazulciWHTV5I/LWJSiOozwxH61RhkB1R+MjFXo2G3ceASWH51l2uG1CYknpX0sbuKPlJ/EzZ3FoznGPr1rs/h47weG9bcAEMhUk9+D1ridwWLAOc969G8C6TK3w91a6UZG8IfzAFW9iqaXNqfUHwgtZx4D0zy0yPLHTpXXvNdQsA0Rx9K6v4M+EorPwFpUUy/vBAmc+uBXbTeEraT+Ffyr4+s6cqz5j1pZbKpFSizyJbp2BUQnP0rVs7NljLtHlz2x0r0SPwfCr5AGM+lX4/DUKp26dqJU6CV0zKGW1b+8eQ3lxLC+0wkAmmRavLDJlUOK9RuPCMMkhZkDfhUB8FwFf9WAfpWFqd9GU8rq7nI2Pi6SBT8rbqfcePpWXaN3viupPgmLsmaavge36lB+VelTs1ZSOeeX1onH/8JvL/AHWorsv+EFtv7q/lRW/s1/OYfU63Y+XP+CgOniXw/a3GP9XOuG+tfAtwu2YYNfo9+3Rp/wBp+Hs8gGTGVb9a/OG7+aQYr6nGK1Q8zBu8Ca7H7lWHNaGjyAwsOhx0rPmXdbAkdKs6NJ94e1efLU9NJoZG2y8k+td1o0O/Ti2M/wC1+FcG/wAt639K9A8MsG0phnntVQJnsj2j9mGNW8VeWTyyZx9DX2vLoYliUgA8Cvhj9mW7+z+NYFJ5JKn881+gtn89tGccba9DDpSi0eZXnyy0ONuNDlVsL+lSW/h2WTGSceldkYVbBK81NGqIPu4rDE0q0YXos9DAVMNOf+0LQ5uHwyuBlc0snhOCT7yg11W5W4wBTGh3KSDmvg8dUx8W1NaH61luHyqSUqVmc5a+EbOFs7Fz7CtS3023t+AoxVtlI9qgYkdK+blXqLc+tjh6TVkhfkXouKVpBjrULNVeSYD6VzSrSe7OqFCMfhRPJMMdayNS02HUI2BAzU0kx/yKYsh+hqKeKlTleLNamEhWhyyR5d4s+H52vNbrtc+gryzUraWwmeOVSjD9a+pZYluIyrjtXF+K/AMOpxuwjAJ5zjmvucuzpStCqfmGccMWvVoHzRrE3lwseRxXkfiphcGVsnaeOte1/EnwzfeHUkzG0kRzyOo/H0rw3XLgbWAyDn8K+ydaE4JxZ+aSw9WjU5Zq1jzLVlWOZhnBJ4Gap9fl/lU+rv5145A4HTmoF4rilqbI6nwjqbWM6gNjmvd/CGvTzQo2dxAzjvivnXS2YsCoy2c4x1r3f4Z3TeXGQhUgYO6vHxOBjiHcKkbo9f0bxIBErSfKcdG611Oj69HNcKgfrge1eWa9qTR/MiqxOM7al8F/2veaoJPscvk8YkwcV8fmWD9jSmvIxw1K9VNH0zoTCSFGzkHpXUWi8CuI8MXBhtUWb5WwPauws76LaMNX825hTnGrLQ/UsNTaijbhHynNcp4w06a/gaNDtB710H9oRhfvVTvNRiZOma9rhXDueOTlsduIoqrT5Gcjovhe3gUF8Bx/F3ra3RWQwkgzVO91cbiEhIHqBWRNJHcNucOD2r+h3UhTVo7nHhcuUPhWhoXWpXLN8jLtrPeSeTllUn61EEi7SOOaesce3/WNj3NebUnzPc+poU/ZqyQ+NJWx8ij8a+Z/2qoGXSZGKgc7uPrX0yoQf8tG/OvnH9qiFf7FlKMzHrz/APXrty5/v1Y4M4T+qTv2PjiHHmZ7U6TG488UkI/en0605ic88iv0iJ+JPcit2P2gV3Xh2Tbqlm3bzFPH1rhYv9cAPXNdnohK6jZFQSfMXj3yKwr/AMNnVhXarH1P0q+FLSSeGLUltoMY712LJGc7mLVxvwltnbwrbO3/ADzHFdnBeRRybWXBr80qxk5tH7xh5xjSTuNjtxIw+XaO2auNpYhQONprN1bUo7Vd4b8qw5vF3mRmPe2PyreFOFNXmctStOrK1M7C11KO1yjMpxWN4m1CG6iYKA1cXJdGSYsJ2HPTNIXeTGbg59Cal4u3uxWhP1Ln1mzN1DR/PYny8561iyeF/wB4f3Zx9K60bx0lz7GnrFKwOZAawc3MFhaMX8JxMnhKNh80JOO4qSHwvHBHgRkV2WyXbgOp+opv71SOUx9KXNJB9VovaJx7eG0Lbju96bN4cDKeW598V2imbkBVNIxl7RL+VNSZKwdBfZOHHhdd3Dtz79atQ+GAuMO3vzXWpvByYFx9KeJD/wA8O9VzNMj6nQl9k5f/AIRtmUKrsM+9WLLwgY5Nxmcj0zXSJP8A9MQKsx3BGAIcdqPayY1gKEdVFDNL8OwRkbmJ9s11ljp8EKAItYttduBxD+latnezNxjbXVTvIxnGnT0SNRbftjAzTxGijk5+lNjLOAWbmn8L2Le1dHIZqpfQlS5ZRhB7Uec4ILMPpUeHb7ox9KUWrN98007EvUmXUItwBG7+VXo5UkjwFUZ6VmCNY+g5qVVkcYHFU6ncahfYsNokV1y6qamtPDdu0gwi+/HWktUkAC8mtez/AHGCxxUKlCb2NXXlTW5csfC0UeDgVu2ek28OM4FYEniTywFUjI7ms+bxUY85YmvWoYeN9EeFisf3Z30lxawIRgE4rmNb1RY1JDBB7Gudn8Sz3HCcD1NQSo15HmRi7HsK9mEaSXvnzlXHT2poq3PiB5JgkREh7+tOSW4l5bK1FDp6wSZChatfaIolIyN1cOKrYfl9wih9anO89iGa1Ei/P196rLbpG2QAPpS3eodMDIqKO63qMg7q+ZnUd7pn0MI+7aSNKCWLd0ri/jleC1+F+vupwBayc/8AATW+98I2/iArzP8AaR8RC3+EeufNy1uy/iRilTnKU0iqqiqbZ+ccSjy1A5yPXpVC1j/0yc+h7VpW6/uwWGBj+lUbXDzXDE4G6v0GKtFH5tLWTLkrBYwM8V9J/CPQkl+CpkIUtcXirj1+cCvmqbLKOfyr64+FVr5fwb8PRZ+a4vYyT/206fpXTHuYSex9Z6Cf7N0izhU4CxL/ACq9/ajqcZ/WqsaqIYwRjagHFMwp4DYr80xi5q8tep+oYKP7iDa6GjFrDf7Rq1HrW7gmsZYx/eJ+lKMAjqR7iuW0l1OqXLfY6BNSDdTT/tnboKxFX5eDzT8svQ1HvIOWJuR3AY/jUnnL+NYC3TfjUovJNpzW8ajWlzKVJPU2PNP+RRWR/aDen6UVp7SXcz9kux4p+2BpY1D4X6kcdIicD2r8t7noM8V+t37Rmn/bvhzqiYyPIb+VfkjfIY5nU8bWI/Wv1bHR95NH5JgnaLRP1tcDr2p+kSbZDnAOMdKijObcjNP03HnDIx2ry+h6yfvD7rC3hruvCUg+wyj1Ga4a/XbdKRn8q6/wfcfuXXqcdDVQ3Jnqj0f4C3gtfiBaE8fviuCelfpForiTT4CO61+YfwtuWs/Hlkc4/wBIUn8a/TLwzP5uj2zAcFQf0r1MH1R5GK0aZrN6GmkjJxTWbjrj2ppyR6Z9a9FxOHmsSKxzgGp45OcVXRT9alHT0Nc9ShCoveVzopYirRd4SsXlCOMHpmq91aJtyuQfSkUncAOKf5jHjPFfO4rIcPiNUrH2OB4pxWFspO5jXUbrkYz6YqizENjpXS+SJMbhUM2mrJyBzXx2N4ZrQ96lqfo2XcYYWv7tZWZzpQ4GeKVY61X0llPHFRizaPqMj1r5Krgq1GVpxPuaOPoYiN6ckyvHDuqwsKkbWHHSnrHUiLShFx1LnJSVmcr4p8D2uu2kiPGr7hjkV8n/ABj/AGdry0Sa60lD6mLGR+FfcKqeBUV5ocGpQlJEUkjHI6172FxtSk1rofLZhldHFRemp+QmqeB9Strp1eFhMDgrt6Vd0f4W6zqjKi20hzxnaetfpXrvwP0nUbrzjZxl/XaKLH4a6doigeQqgc9K+7w1ZYiKaPyHH4OpgpuLWh8aeBf2bdUm2ySRdTn5hyK9Xsvg1Po4VXg+bH3lr6SsY7CwXaQoAqrqWuaajBdyY/Cu/wBmup5HtGzxvR/Aarcx+dbFhu5yO1et6To9la2qr5KoAOm3FLFq2mu2VeP9KuLqNjIuPNXH1rzMXlscXHlZ1UcV7FrQ5HxDcizZvJXB9hWRpviCdZcOrYr0CQWE33ipqL+y9NcnCrj6V8tV4QwdS/NFNn0lLP3CNnEp2OqCRVzwfrWxDHBcLljjPXmq8el2Y+64GOPepf7PhUcSc/Wlg+FaODl+7R0/6wRa2Ly6Pbt3BFNfQrc9FFRR22Puy/rTjDLjib9a9iWSuWxtT4ljDoNPh+267QKT/hH4e+3GKRobjkiXv603yLteRIc1yyyKXRnpQ4oov4kWYfD8JPRcV85/tceHYo/CN1KgXKrnjrX0Ev21WOHP5V89/tWfbpvC9yp5THzZFVh8nqUaimZ43iLD4ihKmup8Gwr++465psg/eHAq1AhW6bPPPT8arTf65vr3r66Oi1PzWW5FD802MZ5rr9ImEN5ZvkHbIp/WuOhJ8/0BPFdLY3AjuLc9QGBrOonKLSNaUlGabP0r+EHixLjwnbHb0jHatjVNSmmlJjHHavM/guktx4Wt3VGAZBXpMNrKrAbG/Ovjq2AxEnoj9Nw2cYRRXMzPmu7mVTvTIFVyvHMQU88ZrozZuVztYVFHYuXGUbPfiuF5XiJbnqLPMHH4WYAUbjmHFOXy1x+6YV1X9n5XLD8xR/Z3+wv/AHzWEsrxEeh2RzvCy+0c0FhZeY2qVY7fHKkV0a6evB2r+VMaxXn5Vx9KzeBrx6Gn9pYWe0jnfLt8nG4fhTrezW4kKxK5J/ug12ui+E4tTkAYKFr0rw78Pba12t5a/lXdhcpxGIlqrI8vG59hcJH3XdnkOl/D68vSCd6jr9a0L34X3VvCSjMD1r6GtdFtrVQAo/AVDq0mn2NhJc30kNrbIMtNKQFH+fSvqIZBS5LN6nw1Tius6l1sfLF7odxp8hWRmXt0p7eGdS/sgaoI5P7PMgjFxgbdxzgfoee5FdH4+8c22sTSQaTbeXacg3Mi/PJ/uj+EfXn6Uz4a+J7Wxmm0LVykmh6kDG4mfYI2POdx+7nAOezAHpmsFwzK0pOfoju/1xinBKn6nJC3l3D94DmrcMcrY2yqfxrlviP498P+ELi8is9VgngikKxXsqttnTJG6NBhmPT/AGevIrhNF/alie5W1kFvdwH5IYr7SYlLdMDzI2Vl74Y5x3zXm0MhxEk3NpHr4jirCRkoU05Lqz2+G3n/AOeoArQt7Rx/y1FZ3hu4tPE2k22pWTkQTLnYTko3dCfUHv8AStG8ntdHt2lublUCrk5IGB6nsB9a4fYVVU9lyu56bxGHdJV3NcrNO1VUbBkz9K1YUj4715ja/GTw5b3ccV1aXclk7Ym1a33GO19GK4+dOzHgjqM459rh8JmOFJluFmhcBlkQ5DAjIII7EHIr0KuBxFFKU47nnYfMcLiZNU5bGSqDoB+QqaOxluDgKa3V023s1y5ywp63qJ9wKo9ayp4OrUeh6E8bQw8byZQg8P8ARpOBUsmmwwjAXcTUraopbAO80jNcXWMDyxXvUcm6zPlsZxHCGlMy5LhbeTBYAA9AaZfagJLU+UhyK118JzzDzvLaTvk9Kevh07QrfLjqMV6X9m0qa0Vz5mWc1qrvzHD2NvPdXBaViFPAGa349JBXhcg881vx6EluuQm4/SmSRbMnY3pxXNPDxguUI4qU3zN3Obn00xtnt6UfaBGuO1T6ncyQ52Kaz0upJhzH+lfP4hezdos9ujV50uZCXFyJM7ODVIwvJkEn8Ksyxys3C/pUiWsm3O0k/SvAre0k9j26UopaFA2J/v00QyKT/F+NW3DK2ChzTGjUDO1hXNaWx2c6KjQu3VMivGf2rNtv8JdSJUJkAD8xXty25kPysQPrXhP7YzPB8KplLZDSIP8Ax6uvDc3topmGJkvYy9D4TjXbCdvJx1rLsV+aQn+9WxuCwyEcHHpWPprH95zxuOOOlfoyWh+bsus3Rcc19b+AL5IPAvgeyVSWa6jI98ZNfJD/ADMmc5zX2T4L8PExfDyEqAVcScemz/69bxdoy9DB/Ej6eN47Qr8uPlFQ/bCzYMeKuSWirGq56CqRs2LdcV+WYmXNVk13P1fCy5aMU+xdt28ztinSF071XiRoxjn60rxu3TdWSkrbmzkie3uGzzjFWTMpXtmqUdvIq+tQSO0bYYHFNS01FdPYtsx3ZytPMpC4x1qlHIu7LBvarHnwhRliCaNOjC43zm9BRUXmw/8APWip17llb4vWYvfBV+m3P7tv5Gvx78S2v2fWr2LGCszjkdOTX7NeOLY3Xhu8TtsP8q/H34mWZsfGmtQY+7cvx+Nfs+O2iz8TwL1aMKz2tCQRz0qOzPl3AOMDPWkszncO/NLbMFm5556ivG6Hs9UX9SwsyMeldP4NxJIwx2yK5jVB8iMc5zXQeCWH2rb0BGOKqPxCqbHWeFZPI8YwcY2zIenuOlfpp4D/AH3hy1J67BX5hWbC38URNjncCPwNfpn8J5/tPhKzfO792P5V6eF+Nnk4v4UzqWhwcnrTfKO6re31470jKM9MV6p5ZDsI6ClqXaKNoxSHcYFP0p3vin7Pek2/5xRoFxytt7YNO3Y6ioec5Boy3rj3qWilJrYsDB6jFDRo3UVXaQ9eacsvbJxXHWwlKsrTjc9PDZjiMM705A1qvXFRfZSvT9am8w9ev41IsnrzXy+K4dpTvKnoz7jA8YVqdo19UVlG0nIqeNhxj0pfl+lJt9OK+WxGUYnD62uj7zC5/g8Yl71mS+Z8uCOKyNbsTPC21etagjfGeajlb+E5xXFTxFXDPsehWwmHxsLOzueO+JLe809XYElPrXivivXroXO0TMpzX1nrWjRX9u67c57V4B8QPhTPNdGe245yRjg19Hh8zjUVpbn57mHD88O3OkrxPMV16/GQtzJk1owa1rXlhlmk56/Suks/B8lrbDzY9rr1bFWrPSlaQxlCT9O1emsRfY+XeH5XZrU5AeLtWjYgTNn0ORV+PxprsSghyeOcE10TeCYZGaRhzn+lSQ6DbWnDKQMU3iHuJUDEj+JGrqNrHBHuanX4p6orfNxg+tdPH4Kt76MyxIrPjHFZGq/D8RbWUBXPpVKrJ6omVFdCKP4r6guN24/iKnX4wXi4yhz06Vjr4LeMsCCwHTIpW8En725gO20c1r7eS6mfsk+hvQ/GecHBjbPptq/H8ZvlG5MfhXI2/gdpJDlmI/nVDVtBNi2ArDt83el9abdkyvq6tc9Fj+NEXOVwR6ivHvj98Rotc0Oe3jXdvGM5GK2bPSYpmVGypbkk1xnxa8Lrb6PPKrZ2rmto4hydmyPYtK58tLhrpv5VTuB/pDdPb0rTWP8A058Dv+lZ11GFuGBrpWxzlSEbrgZ6Vu2cojurdjyoYEj8axFG25OOhPrWrG3KDp0OKmT0Gj9C/gT430tfCtsrPGm1ACvSvV4/GGlN0dM18UfClJDo6MjsvHrXoEYuEbieXB6c/wAqpV9NifZtvc+oY/FGltgb4+fetCHXtMkUfPHj618qTXl1EMLcSAfWmx61qMeNt7IuOuKuNZP7JPs5LqfW66lppGNyfnQ15pz9GXn3r5TtfEGsnBS4kYjnpUreKNZj/wCXlunej20NuUfJPufUqyWLH7w/OlmWyWFiH/WvlxfG2tR42XOfXntTofiRrgfYZMj0yealzpveJd6q6nuk3xCTwzqSrv3Rk468ivU/CHxYtNSRR5qnPbNfGt3qk+pbZJ2OcZxnOKlsNdvNLlD28rKF7Zop1uR2S0FUpOort6n3lrnjyHR/D8+oQ27XzxAfuo2xgE43Meyg46Z/rXgnijxVqfi688/UJiyKf3cCfLHH/ur/AFOTXOfD/wCNGzUrW01QNPaXH+jzLtz+7fhuO+OD+FcX+098RJPgXrj+HxD9rvriBbm1dHzFJA/3WLjr3GF5yDyK9OFanbmueZUoTvY6XWvENnpKsJJYxJyArOFGepBJ44HOK8R8e/HCIM9tpbrd3GCDI3+pT6D+P6/d/wB6vnPVvHmseK/EEl1ql1LOcDCqMJGuegA4UZIrQsd8yiQKzpxu2jI/OueWK9ppE3WG5VeRtalqlzq149zeTyXVw3LPIxJ/z6VSaPkEdR3rRs9DmuWH7xI1IzuPI/StGz0GKSdYZbg/MPvYH+R+dZLXc6Ntj174DfFK/t7S60mOaJLiZR5Xn42eaOEJP8IfhCw5UlTyARXqul6TH4+0231TVZ5YbQMQ0MzbdrKcMjKD95SMV856Hodrpt8ZInMrhT2POR93Oe/T8a9NvryebQ5L6xllFxuEl1EDkyq3Alx/eB+VvUc9s10x5d7anPOUnaKeh6H4s8eeG/Cvh+50qwtISjIVkc9Tx/8AXritb+PnjLwb4P0O78Eata3+m2ieTdafqoEi2iLu27T12ZYZGemzkYNeIeL9VuLeRg5cL90hvX0rF8J/Ea68G65bX9uQ/kyB/LkAZTg5wVYEH8RRKSaswhzU3dM+7vhz8TdW8ffD2w129FjHqGxftsOmvI0K5JCSpvUHYxVhnkBlZQxrq7fXBs/eyFj6Cvzz8H/GrVPhn4sNzbebHp6pILWazG5TA7s4SSNuJEBZlZTg8cHIFfaHw88e6N8UNGW/0cxw3qxebcacj7sJ3lhJ5eLP/AkPDDvXkV1UoJzoandKrOskqjPRbXxB+8wq7R6mtuy8S28MgaVg1eeySbeQc/SmKWcfeP5V5Ec4qp6mE8Ouh7vbeOLL7LnzFAx93+lYdx4viaRmBGM8V5W07xqfmPt2qo1+/XcePetP7an/ACkfV+U9eXxZC+RuWk/t+Fs5Zce9eRpeuz5DsAfenTXUsceQ596Tzdz+KJooyj8J6dcXVrctliuKSJbRVyNteYxX1yrfM7ADoas/2pPjiVvzrneYU29YG6lO256bG1oTyF/OrCyWfH3a8qh1edc/vGINPGtz78+YcfWj69Q6wLVWsvtHptxHaNkgKKz5o7YtxtPrxXCtrlx/z0OD05qvJr1xuyrd8daX1nDSesDT61Xj1O/ENqegGa+aP26JIrb4aQIuMvdRg+/Neuw6/MGALZNfNH7bevNd+H9Iti/W4BKg+gNa0pYWcrRjqafXK0lytnyVJkW8nbjgYrM0xiFHc5PXpmr0cokt5+cjb/jWdp+Y8DOefwr3LHKa0GXvIVHQsPxr708GWe7xJ4Gtf7luzkfRQK+D9GiM2tWkWesqD6819/eEW8n4ieH1xxBp7Nk9skCtopcrOeUnFo+j4/Du5N2etMbw+Q2Bg1mDxqsaFTxioV8cL5gBr5mWEwMpPXU9iOaV4pJs3P8AhGTgHFRP4fdegqGPxvEyYzSt4wgbvSeXYF7SKjnNdPVEv9ivjBUZqrceHZ25EdSx+L4Fb7/FXovGFqeDJTjlWEkvjNVnVVbowpPDd3jhKoT+GdQOAI67VfFln/fH6U5fFliWH7xan+xsNJaVDb+3px3RwX/CK33/ADxFFeh/8JNY/wDPRKKn+wqP/Pwv/WKX8pzWvW/2jR7lcdUP8q/Iz4+af9h+KWux4xul3fnX6/X0e+zlX1U1+Uv7WGniw+LeoALtEqBuO/NfcY2/sz4rBv8AeWPGLbKyHnP48UDK3Rxxz0plvxMcDrTn/wBdn8a8VbHtvpc1dSUG1jbrxWr4KcLqCAng1l3KmTT1JzgirfhOXZfJ2FOO46i00Oyu28nWo3wMD+Gv0f8A2f7wX3gPT3Jz+5X+Qr829Uf/AImMLEggnH4V+gv7LepC98A2O3HEe3g+lehhX+9aPMxS/dpntjLTGX2zUjU017R42hAzbSOMU5WDe1K8YZRSCPFGgtx4x7UenSmc+hpVPtUFeQNSBelSbc80oxjOKZSIvJzTfKK/TvU4+XmnLxmpArLGyjiplzj3pxA/Cl2+1GhSGbd3SjaV71Lj2pdvGcVm4qW5UZSg7xY9ZgBg4zUbRh88U7b7Ubewry6+W0Ky1ifQYXO8XhWuWRXlszzjp9ayNRtIFQ+co6da6Jc8+lVr6xW9jK9M18vX4ftLmpM+4w3FycOWvE8s8RTafHGwUjI9OtcFBdxfbyY14B55969T1r4bfbJnYMR9BXHah8N7mxbKBiR3HWrWFq0FyyPExGMoYqpz09DPljeXBj4yO9Z+oaY8o3M2G7DNdBb2M0fySoyleNzCln08yfeGR2IFZWS0ZhzdjG0zUJNNjy52Bf1q7/b1tNIC+3k+tW5PDkc0JLN1/Gqv/CIrGCVcBW4FUqnLpYjlb1Q6bULSNi3B4qk2rxLH8sed3Srlv4XjZjvJP1Nakfg2GWMFTjj0zTlK+xSTRgWqtM29RtP1qa40b+0PkkjXHbFbdhpK2bNG67+eorRkjjU/IoH4VCvEejjY811HwqYGLoOVOQa8p+LzXMGjyxOAQwJJr6UNi05JGSpOcYrx746aPGmh3GUZTs44/lXXT1mmc9R2i0fEATbfydAM1mX2RdMBWtcIV1KQEHOTz+NZepZ+1MefWvZTPNKKf6/gZ5rTi+Z4xnGTjrWWrEzEngVpAYaMgHr2rOpsOJ9j/AvRYLnQY8pksOtezQ/De3u4AyqFJ75ryP4B6fet4dhlUHAGdoPtXt9vrVzpqhXRmH0ryZ1LPc9CnFWOV1j4VzISsRA9GrEt/h3NC5EoLkfgK9SHjFJoyssbAngGqzapC2S8ZHzde1CrNLcfsU2ZOg+GbeOEK8ITjrisnxJ4RD7lhG0Z4wK7+zhjuUDj7rdgKlOnmZgkURYg53GpVRydxzgoo8U0/wAISR3T+Z8w9x1FO1rwyyqrQx5J4G0c171aeAWvmV3TZxyAK6fSfhtax4LQg/UV6NOlUqM4p1IQR8xaX4I1bVGVUtmiBPLEHiu50X4G3Fwqm6ZiOpXtX0fYeEbS16RKB9BWutrbWy8hR9cV6cMKvtHBPE9j5l17w/oPgeSK1kMc2pS/dtQ3I4yC3pnt3NeC/tE+MNJ8ReCdP8LavBcT+JtNnEmm60sYMYt2ALxPzk8dAO6qeOa9m/am0GHwrqj+I7RWOn6o3l3O3/lhcY6+wcDIPZlPqK+H/FHiya91S6g1SRptzgpcYH0DEDocDn1rPEUoRilbYqjOUnvud3e+GbbwZ8ALRbbbdXvizUZXvLyQDi3tSvlwr6DzGZj6nGelcn4Rvk1DT5bB2CMoJ2A4yemf5H8K9CtdH1HXP2Z7nU2sLh7HQdWkuba62fJPBKoScKR12SBSfY18+f2pKt02xfIJ6MDz9K+Yy2taVVSeqk/+AepUptpI9Ks/EUVorQsSZ4zjavJ4/wDr0kmuXHnF4o44uS25xuP5dK82g1JLGVZRJubPQc59q159Ql1KFSG2wn+Be/1r33XjBXkcXs7uyOyn+IM8NqPM1GSeTBQQW+I1+pKgcUngv4halZ65BJcajcLCTtH707Y/Qbc4K9Mg9Rn615/cQhWBUEY/CpbeTBzk+tb066qK6IlTs9T3rx5o6+JrSTUIiIZJNwC5GEkRQWiOOvHzKe615Bb2DPIN4xnrXVWfi6eTwfcvHl5rLy3mXG4uqN8r+uQGdT7N7VoanptoLffbHzJJQGgePJLKeVwPxAwa1kuYzjeL1Oes/At34uv7HQbLV7XRZ79zFDLdBjGZCCVjJUEgMQAD6ketUfA3i7xP+z748fRdeS7sJbO5zutX/ewSdpoHPBJGMg/LIvB7Ee9/CD9nV9YubPXPE7S/uJFlhsRlNrKcqznrnIBAH41337SXwTtfil4Ye+gg363ZISrRgb5oxyVH+0vJX15HcV5FfGRoV4xTNox51Znf/Dnx/YfFaytUVre18STRedCsHy2mrx5wZbbP3JM8PAeQeB6HolYw7ldSjqSrK2QQR2IPf+WK/OD4fePr74Z6s2i6wJ7rSJZRPiA7ZY3xhbq3J+7KBwR0ccNnt96fDX4waf8AEKGy0nxJqFuusXEW7S/EucQamgA+Wc/wyDhST8yHhsrhqnE4CGJXtaOku3ci7puz2N+4kk5wMjtSRR+d35rWv9HudMuprW9ha3uIzhkfqPT6gjoeh4qpFD5MhOMAmvk6kXCXK9zW99UReQyMDxj3qaPDL14zTrj5lwvOKqxuyt83JzWZSuSSSLtx7Zqu0xGNuMUs0oZ8KP8ACnRxqwGRR6ilFyEXc2W7YojDs/tVpSm0AGkWRV7/AOFVbsUo2RXulfZjIHp2qCON5Rhm6VekYMMgHj2qJWK8KMjHWiwMrfMHwB+dfLP7Z1xul0eHod5PX2r6xUK3Xivj79sqbd4i0iED+FmxXZgbe2iKKsmfOilo7GYnj5eKpWMhZVJPvV67B/s2Vgu1azbP5Y84JNfY9SDrPBWJvE1gCuQbhB/49X3f4Rm874mDbysGmqB9STXw38OUB8SaYT91Z1PT0INfZ/wr1OO/8f6y+fmjto4x7cE/1qpfwpMxlurnpl5fMGwDzRDdGRck49M96jurZpGGTg5znFEMIUenpX5/J2bN7XZN/ajx8AVML5mUMTt4qu0Ak5HApFY7sDHHald2KVkyw92T04ap4ZTsz2qjKrKu7OB0xUltNt4PHP50uZ3L0vYszSszcVCzSgZDED602fO7jJGKr+ecg5Jx2qk5dyZRTLPmTep/76oqPzT/AHf1NFXzPuLlR7HcR7o2Hcg1+Yn7b+nCz+J0coXAkiPP0NfqBt3D9K/Ov9v3SvJ8TabdDK53L0r9TxMW6TPEw8rVEfIELDzsH2qS6CrMD2x2qHkTe2eualuz8ynNeGj3zYUiTS84OMcU3QZDHcIQec9qdZsW04r/AAioNM+WYHrz61CLlsdReXRmuFbIOOeK+6/2K9U+2eCUQnJR2Xr718DxybpABxxzX2h+wrf7tHvbfJ+Sc/0rsw7/AHp52JV6Z9hmmE+9K33cf1pueOma948LqBP4UdabuI7UKT+lA7DuvBoG2mhvzp1Idg3elN3Uc+9GfWkUkLz6YNOVqbtOcUu3k8VPUdh4Oe9PGDx3qLJA9qd5mOtA0SY7dOadjjimLIOOeKdu3cil1HexJkHilz7ZqLdx7U4MAR2qR30H596VWGcUz+vNL70WHck2g4yQRUc1nHMPmUGjJBqVZCtZ8iL52tjIvPDNvMDiNefauT8QeEZ0iY23y5r0XeOexNBCyDawBrjqYSnN6o6qeKnDS54dHp+qRyMsiZGeopbuwu0UlVIOOa9iuNNhkPCDn2rNutDjmXAUZ9RXlVcBKLvE9OljIyVmeIW815HcFWLKM+ldTY3k4txz8taut+E5YZTJGM+3rVDdJaW4WSIgjtiuGVF0/iO6NZS2ZR+2SC4JJIH0q1tN3IDu25/WqlvfJNeYMeB6mtxlSOPzF2hfWuVSRrysks7MRxgDpXlP7QNug8L3YY7W2HkV3uoeLrfSYyZJFAHPWvmX4xfFL/hKtR/su0cyLn52XnAruw653octZqKPmO40ueK4a4cfLnIz+NYOoOGujjk9PU16F49vY9OtxGigNjArzbTVN9qKDryM16zXLozz7gNPnV/MK/LV+ytXubmNEbDZrofECx6fZDcg3YxXLafqjWd1HKoyoOSDWc7PQaZ+gHwB/wBH8O20bpzt5P4V65ceQFxKFx6184fs/wDxHhv9Pt7IMFcDjmvpnTfCMmsRpKzl1PPFec8NOUrRO728VFXMq30KHUGUR9u4FbQ8AtexjPy967jRPCsViqAjkV0cNqiqMAV10svuvfOWpjUvhOO0HwILWFQ3zEetb0fh+G1YfKPyrYa8htVO5gKzr/xHDtO3H516kMHSpLQ4Z4mpU3Zq2tvDHHwoXiiTUbe16vk9a4+bxBJNuVWwP9mqE14zrl3wfrWznCFrs5+WU9TrrzxSqqQnyn2rnL7xJLIxG4/nWFcapHHxu3NWTeX0txwpwvXiuCvmdKkrJmkaDe5b8Yabp/jbw3qGi6qPMsr2IxPt+8vcMvoykAj3FfmZ8R/COoeDfFmo6LqY3XFnJsEoHyyoeUkX2ZcEfl2r9FmupP4zx0rxj9pL4RyfEDwz/bGlW+/XNLQsEjX5rmDq0fuy8sv/AAId6+fWZyrVEpLQ9CMVHRHk37J3xWtPD+tXnw+8QuH8L+J8wp5rfJBcupQdeiyA7D77TXkHxQ+H158N/Gmq+Hr1GV7OYiKRh/rYjzG4+ox+ORXr/wAKv2RdX8TmDU/E0k2h6U2JFt1GLqUdRgH/AFY9259B3r3D9pr4LD4jfD1dY0uJ5/EOgQF0yS8t1aqP3kRPVmUfvF7nDDvXh4nFUcDj4yT92ppLtfo/0PTgvbUnF7o/P2dN377ByeG+v/16vaJdFJPs7N8r9D6GmMo3HP3HHJHb0NVJlMMpH3HU9M9K+rVpx5Wcku6Olkj5ZSPyNVuY3x057CprG8+22quR86/K1STWkt1jywzP2GOtYUJulPlkKaTV0XfD+qPpd9HNgGJh5ciHo6Hgg+2Ca+nvgb4d0e6vbJo5heQLbMYXfBaJ1YZj6dgQQeeGHevmW18PXKL/AKQrRtjPl9z/AJFegfB/xs/w98X2fntjTZZlaQZ4QHKsR/wEk/hXrVZSlSajucbSvc+57GOOGERRKI0XoB0q2Yw44OP6e9Z8bllypDDHBXofcfWmfa5YmO9Tivz+cm5Pm3OpNctj5R/ax+DaW17BrmlxBYdQmYeTH1huQCzbR/dYAt7EH1rxH4Z/ER/Ds02nagJLrR5ZA09tC+HhkHAnhb+GQfqMg5BxX2v8ctuoeEdPZgT5Oq25OfRw8Z/9DFfnfcWZ0nxJqtmVyIZXUA+zV9Xl05OipX2M6klUXK0ff3wt/ao0a60p/C3iPVo9fitFSPSdWtomFwgYHCOhAIUEYZSSFJBU4Jr1Ox1qz1i1S6sLqO8tZCdksR446j2IPBB5zX5i+G759D16C43YDc9ODX6LfDa10yy8C6HFpUQisDbLJGi9QW+ZsnudxOazzaMJU1VS94xpwcdLnV7mbqDk03I3jJwPanKWVScdKZG2+QqeQa+X5tLHR8INGGwd3PSlbKx4GABU022NRkZ9AKhadGx8uKItLcqVivJMI9xJz9Kjt7oyMSOP9k8mm3kcjZ2DBqSwtSufX1xRzJGOt9DR2+ZHgPVOaUwk81ZDso45qpNvkk5HQ8VLkb2ATFsEcivjP9rq6a48eWabhhIScfU19ppEI05547V8PftVTbvifsU/dt/6162XuLqkWZ4xf/u9NK+tZtux8vA/nV/XNwsQM4Gf61nQ5W3PYV9XEhnpHwh086j4t0yAfNmTn8K+vfg3oZtPFXiec87ZFRSeuAK+Yf2b7UXHxA00537QzEY6cd6+yPhbD+88US4xm9KA+wAoraUZNGEtZHVvmRup/CoXyoJzg+1Wm/d57D0qsymTHI96/PmddtNAhkO0Dvmk2r5pYgZpy5j6YJHapGbI6EH2pkcr3F+Rl5ODUc21AOVPeoG81mIAPPtU0lu/2cg8Uil3F8wFfnIz271E236c01Y2VSF+YrVaTerj+H60XId0Wtw9KKi5/vrRTuxc57rjivhT/goZpZ+x6fdjok2Ce3NfdgYfT2r5A/4KAab5/gXz9pJjkVq/Xa2tOSPBo/Gj85Wb98Bn2qS5P7sHH41E7ZnznvgVNcE+WvFeAj6Jmlpr5tXAPH0qCzYLPt689DUmjP8AupB1yPaq8bBblvmyc81kkrmr+FG3HMPtGFPavrX9hTUcarq1tnGJFb8xXx9aylroDtX05+xBqHkePtQhyMMit0rppu1RHHW1pM/QrHtmmhelTryoPXikwK9654VtSLbSbak+hpvPencBu3FO4Y8CijHOadwsIFz1pfLBpVbn9KevQVIEe0LSqDnpT1x+H0p3f2pDuMZMDnioyvr1qzgHvio5po4Vy7gY96ku5Eq7TUmNvPFc7rXjzTNHjbdcKSPevK/FPx+igV0tPm7ZFTzJbhys9xe9gi+/KoP1p63lu/SVfzr4k8Q/GvXrq+JiuDGueBnOamsfjBrygA3RPr2qOcrkZ9sLOm3IdfzpyzL6j86+PIfjbrkfAkyMdM1oWvx11tGG7Bxn+KhTQKLvY+uNw7dacuO/Wvl21/aE1CMcoW7ZzWlb/tFTq3zRN/jT54hyyPo/HQ0qvjvXgNv+0XGdvmRkA/xVpw/tDWLEBuKnni+ocr3PbVkHQ0u1G6HHpXkdv8etJk6yLmtWy+L2lXQLCZQB7ihyj3Goy6I9BmtlkHzKCPes650W3uM5QZ/SuZg+LmisxBuFHvmrY+JGjzcrdKfxqJQjNalqcokk/gu3LmRAM+1Z2sWMOm2chk4UCtOPxzpsgyl0p/4FWT4gv7LWbd0S6QbhjqK8utgIS1ij0aOMlHRnxh8d/iJNb6vLZ2su0Z+6przLwuxxLeznLcksa+ivGX7P1nqOoXN7DIjzSNksTnNeZeMPhDr+h6bMLKxknjxnchx+ODTpUvY9DSdT2h88/EDWf7Q1JkByq0zwXpu6Q3HTHSsbVrW6i1iW3u42in34KsOnNehaPYjS9GEpOMj+lPm5pXZNmkcz4wunuJREh3KK5uNvLYZ4A9a1dRvGmuXAXd83BrNa3eWQlVyM8DFZSlG+41pudr8P/Gtz4U1e2uIXbYrBipPFfpJ8BfjPYeLNDtwZFWYKAyk81+e3wc8Cf8JFeKJULhm/jr6Rt/Cknw9UTaeGhXjdtPWtaeIjTe+hz1LS0R9rXXi21hHysGrLm8YSTZCcCvGfBHiaTWbKN7h2U46fzrt479IowFAHu1dFTG0qavcwjSbNm41i4nb5jhfrTW1GPbh2LNXP3WocFt2RUEN4Jm+U54rwcRm72pnXCilubEmteUQEG33qr9ukmJJbjPAz0rOnYs+d2O+KRtxHykkV8/WxVWq7ykbq0ehdMY378+45oaRVUDjHvVGO5fjJxzTt27v3/KuK7tdFqVxZvmGBjFOtbjyMEjGOelJtXHzHnsMVD9oTle/TpU3YrJO5q/2ksmcsdx55qfSda+y6hCQdp3Dr0z2/Dt+NY0e3Yfpz6VJbrFvB6n3rkxVBYim6b/pmlKs4yTPjb9rz4Jx/DXxqus6Pb+X4W8QM81sqr8trcZzLbn0wSWX2JH8NfPkqmSHjO9OvuvY/0r9VPGXg3Tfi14D1LwnqjrFFfKDb3RGTa3a58mYfU/KfUEj+KvzG8U+GdT8D+Jr7SNVtmtNT02dreeAjgMDggexHIPcEGvcybHPEUlCp/EhozrrQ5XzLZmbocMkN0ryfu4GO1s9frXplnbwWMeIgCSOW6nFedyK7MhjOY5BuX+tddol85tUjlPzr/Ea+wjCEnz21PNm2tEbyyedGUPTqGrKvYO68OPmFPSYr83PHemyXK+XuZuB1yelbSZmkz69/Z18df8JV4Eggnl3XumEWspY/MyYzGT/wEbfqlenzzQsWB6+p7V47+zX4LfQfDF1qk8TwzamyFVYEHykyQcHpksf0r1+azWTaf09a+GxvIq8uU6I7Hn3xtjI+F/iC6iGZLOJLtfrHKj5/Q1+e+uXsWreLtQu0BAmkd8Y9a/Sr4haauoeAfEtmPmNxpl1GOO/lMR+oFfl/aH/iZSbuuAfrmvXyuf7uUTNI6P8At28bTW04mBLZk2P5dvGruP8AacLuPT1r7x/Z7uFk+C/g9h2sin4iVwa+A0TaBkGvuX9mO4e8+CegBSMxPcxn8JmOP1rox+tDXoD3PYSwaPA5qjDI63B49qbC0sIOeuec0+J/Ml3dPwr5N26F37mg0ZlUEVFJbkLwcj61KsgCjkEj8qb9sRs5ORU2uXLuRqytwcCrCFV+VQRnpUIUctu4ppuhGcbuKVuwK1yd1KryMCo/tEbHkfnUM2oFo9udprO8w+dy3WnZlOXKakki7MA4IFfB37SVz53xXvATkJEqnB96+5JpMRn2Ga+Afj5ctN8UNXYnoyj9K9jLY/viOa5wGuHNmnHcVnBSYh6evetDW5lNnAufm96gt8SWjA8v2FfWLcjoe6fsp2e/xxCx4CQO1fXvwxKro2sT/wDPS9kxx74/pXyv+yTa+Z4ju5cfctjzX1T8NoDF4JZhndJcSN/48eayxT5cNJnNL4jpi2/kcjGKpzKVU4XNSqWMZOeO1R723EMTXwO51Rm2rBb7nxlTmraxhPvfMe9ViwjYAD9f1qxGvnD5SR607F8w37RHGTuA/GnNMJVAXp6ZqC8t8DBO7vSWbhVyxHBpXGn0CX5PbtmmAIynP3h0qxdMp4BHIzVVUUcZyvXNCZLsM2L7UVLuPqv50UydD2lG9+K+b/23NO+3fC2+bHKJur6KjbjGa8c/aoshqHwv1UEZxCx6ZPSv2CWsGfOxvGSZ+Ss2N3t1+lTzD9wMAjvio7tdshAyGBxTm+a3OTivnbn0nS5a0l/vcckcVHn/AEh8Kuadpo79fwodtty2PTvS+0V9kmt2Aul/rX0L+x7ffZfiwI87TJDgfnXzrGzfalxx6ZHFezfsx6h9j+MOl5/5aKy1rH4kznqL3Gj9UovmhU9sZpORUNlLutIjngqD+lPZjuPHFe8jwXvoK1N3cYxR+FIVp6iF3YFL+HNGOtGD059qRVhtIJD6USyJChMkgXHrXO6z4+0fRo3MlwjMvvRewWOkEhXGar3mvWemxlpplXHvXhXif48NM0iaepI5AavN9Z8baprTAy3TKjdlJrJ1F0KUGe++J/jRYaZvWFhI3sa8p8TfGbUdUDC3JjQ9z/hXn0khkTOd5PrzVeTC9e361i5N6mvKTX+uXmpOzTzvIDnucflWNdTMqtjk/TNWZG4yenXBrM1OYfZ8oevPy1Opauloc7dSZnIzkHmrltdFejd8Vllj5hGcjpViH5WyAAPfvVLzB3sdDHINoL16z8P/AILXfi2wS8mZoEYZCj07V5R4atxqmpWdueUaRc/TP/1q+7vAdjHp/h+3RFC/IBgfSj4nYnVaniE/7Ndyv+rum/IHNZ037O+qxMSk4b/gPFfUmR9KRsenI9q29mieZvc+TZ/gXrsIyCr/AFBrLuPg34hhU4gDfT/9VfYUm044Wo2hjb+Bfeo9mV7TofGR+G/iGHObJunaoZPCev2ykCxnBHXbX2c9jA3/ACzX8qhk0u0bP7pfyqXTGqiifEs2h6rDv3WVwo/2gaqtDqVv8pS4THPINfbE+hWEhYm3X8hWZeeF9ICsZIIwOvIFHK0TpLc+O4L/AFASCKOWZpGwNoJzXe+GfCPibVnWSS4ktIB3c8kV6hq1v4V8PzvcCOEzDnOBXF+IPie8mYLFBHH03YxWcpqJrbqddY6bY+GbdXvbv7RKo/jbOa5/xb8RLa4tXt7aFZFYY9K89vNbub6QNPM7545J4qms26VU6qxrnlUdhr3WeQa38E9X8Z+Ln1FIRHCSeO31rsbH4DX9xbLbSpg4/wA/596+l/B1jbJp0Z2KWx1xXVWtvbqclAD6kV8FisyrKcoR0LdZvQ+U9C/ZjtFuv9Jj3ow+ZcfnXY/8Mu6DNa/JbAPivfHs4mkJQAfhUOxoXIGa8eVerLVyMpVGeU+CfgrZ+E5mMSZXtXd3Xhm3uoxHJGCPfmtppAWyOfehZN/U81g8RUfu3E2zI03wzb6coEY2gdhWg1opXA5H8qdLMsZwSc9abG3mN1pOpU5bJiU2iKXTfOXb3PpTrXR/L6DjpV2JeR9fWpGkKvjPeo9tO2u5p7VrUpyWa5wRSPZuvCj2FW3tyxDdM+lDb0UcZoVWfcftpFFdJYt7E1J/ZDK2evNXEkdm9Kto2eGFdUaumoe3kjIbTGx94Cm/2UFPPJxW28Py8DFRMuxTkZAHFXKvHoXHEu+phyQ7AVK8VDFZncck4+lcJ8Wv2gNF+Hd8dKt4ZNb8R4B/s+3YKsORwZX6J9BlunArkdB1744ePVF3Zx6L4ZsZPmjFxbbiV/4GSx+uBXbGjJw56jUV5m8ZSqO6Wh7xZ7bdyjg7GG1wDjI9vT1H0rwf9s74Rnxd4dX4gabCJNY0hEttaWNeZ7b/AJZXWB1K5w3sf9iur834yeHbdpJrDwv4s2j/AFdsXtZv+AgkKfpmuZ0v9oPxBqt1rekS+HLfS/FNtZShdH1FHaHUbcg+bEUOG3qMuozhhuHPNcnsXhq8cXh5KSekrfmetRm5RdKe3Q+KLO5NvII25XO5fr3H411kBX7OskeCpG5WH50y48D6ROFuPOnlDHcqlyAOc4AHYf0qrdW+j6e6ozyg55jMhYt9QDzX6BSmlHQ4572ZftPP1aQpahXTO1pXJCZz0B6sfZQa+l/gj8Ahpbxa/wCIrTz7kKHt7W7UfIT/AMtDHyAfQNk85OOlegfCL4PeFfCui6brNjPHr97cQLNb6o6DYiMAR5Kc7Bz1OW+nSvTY4xIRnnPFfO4zNlJulDTzOWVSK2K1vbnbyN2KYyyqw4aughijWH5uoHPFQm3Viecjua8j3JatkSrvYxLi1F5C8DLxIrRkfUY/rX5T6nYyaP4gubadTbyQu0TJIpUgqcYIP0r9bDCvIPXPcVwfxC0XQNPeTxFrdnYi3hg/eXl1bLIRtdVyTtLfxgZx/KvXwNblnyxV7mtOpF6M/O3SdLudTlEVla3F7I3KrbRNIT9AoNfcf7Mfh3U/DfwltrXVdOn0+4W7nlSC5Uo+xtuGKnoCc9cV3HgPxJpz61Z2OnW97El/bzm2nttPlhtfliJOZCirk9ABnPt33VWZlztOMetdGYVpQpqnJWua3TIZmWQdMHPSoI5Amcrk5qeYPGpwpamQwG4b5kZffFfOabBzLuS20bXC5AJX60x7PblsAfWrMlwunx4wcgcD1qp9re45C9fWh2iRzOSKl1NJbkc5H+yKbG3m5Y856Vd2CThh+lSLDEq7cY+lUpRfUlO27KCtu6jB9qhkUrJu646Vpm1VVLdvSq6QjfnH5iqUuzG5cyIceZExPPBzzX57fGeXzviNrbcHbNt/IV+hl9H5NpMVODsPP4V+cnxGkNx461x2+b/SmGcehr2cs96oyoyOU1gn9yv8qLdd0e08lvenauMyQDrgZ6VBCzLMm08A19TqN7H1P+ydbm3k1uY9I7cD6dTX098P7f8A4oPT8EruYv8Azr5v/ZfQw+G/EtzjpFjP/ATX0x4PP2XwPpCH7xiBx+HWufHu2FdznXxGirJH8hGc8HirElujQjHyntzWLdTP5g52irNtcO2AScY618IbqVtBTF83681OjGNMjgGh2XAHRqrPcHIUDB6GlsLm7hcXYkyDxVdGHI7detWrezEwbIB9Ki+wPFcHB+X0otqK8ritH8mPXvmsydZt+A3Fbhh2rtJwfSqbMY5Blcim9NCnqZ/2e59WorV81f7rUUibeZ60rGuC+OFmL7wDqMZH/LJh+ld2rDua5v4jW/2zwlfpz/qyP0r9h6NHiH45eILP7LeTIO0jA/maqBd1vjtWz46iNv4l1SHGNly4x+NY8P8AqTkZOK+efxM+jWsYtC6ezK/A4z6U6ZWWboMHim2UwL7SO/pVi4H+kcY9am+pa+EiZtrDHymvRvgXeGz+KmgOWxmbYfxFebzAqwOTnNdf8Nrj7F498Pz8rtu0BOfU1r0uYT+Fn7AaL+80u2brlB/KrZXb7/SqHhCQ3Wg2bgfwD+VaVzcQWa755ljA9692N2tDwHoyPb/9al29m4HvXI+JPi1onh9W/erJJ9c15N4k+Ol7qLsllGUXBwTQ5JFRXMz3nUdc07SUL3Nyi47Zrz3xN8dNO05ZEtQJXHTbXht94hv9Y3Nd3TuT/Dk4rFeEgHqff0rJzbNlTO08RfFvV9Zdgkvkx56A9q4a8v57uQtLM8hPHzGmSr9aif1HJrO7e4Ja6Ee3G3sPrUq4KjHJ4/GomuFt13sQaz21iEzGINlu1T1KWhrySBFO7aOKzprxFk2nAOawbjVp5mYKx256HrxSXEhkaFvmBxk88Ggq9zSN8rxyorHIB5rAa5Z43Xoc/SrCSbZnYnHHX1rPVhJI4BwKQ9CCVfmGGz9RxU0ZPAHc9fxpLiPbyAQT+dEDHcD0PXpVoza7HR+DdQSy1q2lkORvHJHfNfcvgPXre+0WDy5Fb5e1fAEbFcEYUD0Feg+Dfipqvh3ZGkheMds9OacdCZaH3N9oBGM5pjTZ718xWP7RV6irvhZj7c1tQftGbsBomUd/StOcz5T6CaTr2qP7QFyK8q8O/Fi78SyKlpYySZPLlcAV6La3CQ23n38iwcZ2k0c1xpdzR88sBg5plxcJbrumkWMe5rgvEvxe0/R90Vp+9fsV5/WvJPFHxJ1XXJHAlaCM9Np7VjOoo7GqieweKvidp2ixsscokkx2Oa8d8S/FXU9VZ1gfyo+e9cdPcSSOWd2dx/E3JrPklO4lckflXPKpKSszSySLk2pXF2+6WZnY+pJp6p5yKAfmPQVUj+VFLZ/kKJtQjtNrBx+HWsrAbd5pn2ezDlV39v61kquJVwASp4pP7cmvpliPzRjkVpWqxuck4I6VnN2Wo1HmPX/A9uZtOiJfjGa65rfZGB371yXg+Qppy7D8vauha6bPLZH1r8wxVvbSsZS0ZPIjxIWXggfnVNbqWR8MOKna6LL049qat7FuKtgH2rmvyoz5rjobYN8xPPp2qZoxGmTyQetEtwm3Kmo1uB5eGxjrU8yT2D4iB7EXRLA45yBUE0UlvwvPpVtbsQgn0qpLrEfmfOdpz34pKSLt2JoGlZCWPOak8t3kyeaWJhKNy8A81bjZTnjFK2uo2N8zjBOCOKckw5Bw341FPCPvbqiWM9cU4xdyC3JIsa5x0pq3Syc9O/NRySYT2qJWODx+lJycXYm1zQ+2DoDXHfGHx8vw3+Ges6+m172FBDaK4zuuJDtjyO+Cdx/3TXSw7VzkY9zXz5+2hcyw/DXTIlb93Lq0YcDocRyEZ/H+VdWCpe1rwi9rmkF72pzv7K/w3j8SR3vi3XU/tCd7kuj3A3GWTq0jZ6ksc/hX1LGq8EHBPevOv2ebNLP4PaFs6zRtKcD1Yj+ld95UnVea7M3qSniHFbLQuo3zadCxLnk9c1geLPB+l+MrW3F/A63lo4ks9Qtz5d1aODkPHJ255xyD3BroIpDtG8ZqRZEbjgGvIjJp6OxEZShK58h/ELwNafC/WLzWfFHha88S6PczmdbrRrkW1u0h/glgx+73HJIVtpOQuAcDy7xjefCXxxeyeJLXUtW8JvfSiK50i3sIpktZAoAbYHU7XwTlcjOQQCQD+hNxbQXdtLbXEMdxDMpSSKRA6up6qwPBB9OlfJfxw/ZDSCSfXvBlgbq05kuNDwTInq1u3cf7B59M9K+mwdWFVqNSUovunoehTxPM+WW52f7LPijwxYaa3hK3+INnrLSSb9KtLi0ltZlZsl4cPwQTyME4O71r6AZJIJikilHXggjkH3r4A8I/s/8Ai/XPDd14w8H2c2r2Ojv5ly1k4N1ZuvzcxZ35XG7gZwDjODj7S+GvxFk+Jfw/0XV7/wDca+IvIvbdgA0gU4S5HOQr9BkdVOOledm2Cr4StGrfmhP70/kFanCUHKOjR10skjIdjZ9qbb3ksPDGlhztzTWUtz615Sundbnm2vqTtcLIp3EZq34Z0+11zxh4dsb+NbmxlnaJoZAGRydpAIPUZA49QKy2I4FW9AkNnr2iz5x5WoRk46gEf/Wr1MtrOGIg2ddHcx5P24tR1r47P8OYfDVtd+HftYsHgZVjKoHKO6sRuZk2tkjndwB3rovEWnLoevahpoJYW07xKzcEqCcE++MV6n4sTwt4S8XRahrJ0XSPEmozvHZ3q2kk7DJO1jlgqkj+LBGc964D4sott8QNYbduEjpKGHQ7o1Ofoefzr7biXEYavSpSoQ5bbmDo1aSbnK5zsdsjcuARUsiww/cFQx3gaIjoaimYbdx5FfAOf8pndohukjnxkZI71UWSKHAPB96bd3P2cBiOM1UuJBcKHXnjmuKpU3RV9U7kjalGJgucZPGK0FSKRQRwx5rHtrVGIYDFbMNuqqCOOPWsaUncUpSuHlhgcD2qOSNIhnOOOtWfLHY89eKq3W2SPA6VrKpySvcSqyKepyKdLuSD92M1+a3i2TzfF2sOOQ13J9fvV+kGtL5Og3r5x+6b69K/NXVGE+tXz+tw5/8AHjX1WRScqkm2dmHk3dmPqzZvEHC4WmW7kXSDOcn1pNUJGoY64GKltFDyRHAJLjFfbo7T67/Z9iFr8MfEU44ZgVHP+zX01otqsfhnSkIxiBTz9K+dfgtEbf4O3zAcyygc+5Ar6MkkMOmWUQ4PkqB+VeRndT2ODujz5ztLQq3DQrJgAEVLa7VXsM1izQy/aN27KZ6Yq5HMY8Dt6+lfmFPFVnJ6BGtZ3ZqNGjZLHOOvaj9xJkZUenrWbfO6w/uzkkViLd3FtMOSVJ4reeJnHUHXbZ0c0ht3+U4B6UqzuvLVnw6hGyqWfr1zWnb3MFz8rELnvW9PFO9mJV2VG1QNcBfut71JcSK8O7rzxV640SF8SowPvTotL3KMHPtXdU7mkcStjE+0D0eit7+xR6Cis7sr2sD0BW5xWd4oj+0aDeR4zlD0q4rHPtUWpL52mzp3KGv2ZM85xPyF+MNl9h+IGuxEYH2lm/M5rkYQWjPoBXpv7Rlj9j+KOsgDGXz0ry+3YHj9cV4VRWqM9+k704jLX/j4xzwc1oXihXUgnpVCH/j4bJzn860ryMrGjYrNmy2ZVkzI6A/xHFfVvwC+DXhtobHWdXfzbiNg67m4BBGK+UZnKspxxkGvqf4aX0lx4Xg/hwMZBreCu9TmltY+3rHxlp8Omx2tpdpGFXAwRXJ+INFvfETMBr7Rq3RVr51W6nX/AJaOmewOM1Zg1y/h+5eTgjgYY16XtXblZwPDps9OuvgrfzOWTVY5yf73es+X4P61C3yeTN24Y/1rm7Pxxq9uoCXsue5PetK1+JmvQuCbkPz0xWfPEfsZdCxN8NfEMAG6y3Dp+7OfxrOuPCOsWqndps/HcLnFa9v8Z9at22yLHJ3GBWlb/HK8VQJbNH9eaOeHRlezlbY85utNvImKta3CkeqH/CsLWppbCxmlCMpXswPFe6QfGezk/wCPjTcj2ANXF8f+F9SQreaWmO4aIHNX7SKW5kqM77Hy2ustqtgpZj5itjArHmhki1KKXn396+smt/hxfKS+nW0YznPl7ao3Hw/+G2sfMojiI5+WQgipvdbg4NPVHg3h23tLy6H2k4j68nipPFVlBDdRNakeV/dz+Ne1L8EvB8ibbXVJIhnPEgP86iu/2f7C4XFtrh4ORuwf1ppBy30Pn2ZhHJjJ+mf5VTs18yZ8t2yRmvo//hndEtNq3dvcyerjGeK5a/8A2d/EETyNaC1lB5ADYqObW1inDlR45cMGYnHP50yHDN0zk44Hau+1D4GeMrd3b+yhKMcFJAaxf+FZ+K7Rv3miXQUddqZpqSIMVSenfrnHvVi3yXGARnp716F4L+A3ibxVIry27afbg8vOOfrivbfD/wAHfCXw9hW41SSO7uV5JkweavmvsQ4HiHgv4Z654wkH2e1kih6edKpx+Fe7+F/gDoXh2JbrWroXMowSrn5R+FV9c+Mlrp6m20a2VcDAZQAM1w2o+LtU1xi9zcswxnapOPp71x1pSl8LOmmordHqWtfELRvCqG10e3QuvyjYBXlviPxzqWts/mTsiHoqnFYNxLt3c4/rVGb5up46UQcrasmpZslkmZsNuyepPXFQzOWyF4zxgGoxIN2Ox5J6Cq15fR26qzkBTx7ZqtTO/Qe7kcHr35rL1LVrXTZEE0ojz0wa0ZGEkYYdxnNcrqGnx6uJxMMyLyDjpUjtfQ0tWvJZbNGt3Jifo2P61n3kH2XTo5GkYtgnitC1CwaCqMDhTgH1+lR6xa/2hoKorbPvdB+tLUbiuhc0mZZbeJlIbAxxyf8A69a0Fx5bZBK9ulcP4NuJLUyWbsWYDcC3WuvWTcQGAHfjmk1dakX5Xuez+BboPYgE8j1roJLhlb2Fct4Jtz/ZauBkgdBWvc+cQzKWHfGK/LsauTES0JtzGrHqA3AEjP1pLx1zlTtYd65n7c0UhD8/Wra6osi4IziuL49GKy3Zuw3yrwWzxwRTjeLIpA/AVh29wokwx/A1YTaZAAwI9T2FPl0swSW5fWTnBPGe/ao5IYS6ueo456VUuGms26b0z1qeS4zb7hGQT2A5pxhYp2NS3kAX5MVLcQz+TujyfxrKtfOjiLduuK07fU/3G1jhsVqo33M9SOCafy8SHmrK3KLHtJw1Z99ftGobHHtVUg3ahlY1PoU7GvFKr5GQSac0iR9RxisyEFOpINWVmWWQBuPalpuImW4B79f1ry39qHwz/wAJF8GdWljXfLp0kV+o/wBlG2v/AOOufyr6j+G/wobxXodzq6X09sVZoUghtxI0qMCrNksOM7hj296434wfCtNH8CeJ9PuH1GWe50y4jt2u7B7eNm2YwCvmB854Ax/WvosDlte8a0VoapS00PJPgHPt+Efhrj5fs57/AO21ehSTJbxtK8ixxIpZmc4CjuSewqT4C/A+e5+DXg+yXV4rHXPIEctvewSrESQzDa2zhj6Hrg/SvBvFtjrPxo8YaroGl6pt8D6Ncm2u9V08MYr2YHGFYgZHB25xwM4PFPFZfVniJSqK0N7jcG5XRr+MP2mfD+i6gbDRLefxPqZO1Y7JSY93TG4AlvwFc83iT4z+NPntNL0/wlauMq144EmPpy36V6JoXwx0fwPZpBotpHZkgbpsZlf3Z+p+nT2rWXR5Y8b3bPX1rzJ4ijh9MNTT83qx35dNzyaP4O/EXXAP7S+JRiJbcRbxSMR+OVpy/s7eJgwK/FPUw+c5Nu3H/kSvYoLV7chid4HNXEuEm4H3h0qf7SxPRpfIn2jWtkeH6P8ACv4s/DDVLrXPB/ju3l1Vo28wrbGOa6HXa2QQ5J5G49e+a868H/FjxHdfFSXW18KjV/Etyzi/t9C3wPeYHzB7YAgsCN2FUEMM+tfWL3jRnI7Vx3xC+HOj/EPRWj8mPStXjl+1WurWcYjnhuOCJN6YY5IGec8Ag5Fevhs4k7U8X70TaE1LSSKnhf8Aaa8E65c/Y9QmufDWpK2x7bVoimGHbd26dwK9Xs5rbVLRLi0uIrqBuRLDIHUj6ivkvxN8WtRW4Twv8avB9v41eFNsGvxqsWqvGOjiUYFyB65V/wC9zUvhvwC8Uf8AbnwW+IEkfdtC1l2X32HIyp/3lI/2q6cTluEqe/Sdk+vQynScdT6sW3G47hzQQbeNZM4CTROD9G/+vXzzo/7T2oeE9Qi0f4neH7rw1fsdiXwTdbTdOQwyCPoa9x0fxRp/ifSJrjTruG9tWjEiTQNuU4YH+leNDBVMPWjK113RMFKE1c+kPE3gnwv441yy1C/le5vdHlW6WCKxeWRGKBthKr865wygn5ST615v8WdPjfxZHLEkkUc1jbSKkww4G0rgj1+UV1fxQ0bxd4t8FaBF4ZvL2xkZbaUSWq4DrgbjuBzvTH3MfOG6/LXP/GaO50zUtEF/I0109hseST7zlJWAJ98GvezSnKph/eZ21rOlscILFfLIU4NU5IWztJyKlhuWLY3/AJ1Q1C5mhkB2kjqcV8ZJKKPL80Jd2qjCkcVJb6bEIjjp1pi3f2lVznPXFSSXiQJkHPrWDglId5bkcduI3IHXtUhhZWGGwPSsr/hIIWmEfIbOeRWqbkbFcHI7Yrng/aNxKfcdIHYFT1qo37k4br6U+6vXj2sBlcdqjP8ApPzHmmoJuz3JurnO+M9U+x+GtSY/KPJY9favzj8wyalOxI+aRj+tfoT8Wpkg8F6qfSBv5Gvz2s9rXpJ45J6e9fZcO2fPZHoYeNotmNqjf8TBufaptJctfRKpOM9Kg1XB1BwOOe1WdDUNq0ODk7q+1idL2PuH4Y2vkfBuyQZzcXSdP98V7XrV0lt5a5yViXv7V5T4ItTD8M/DEIGPNuoz09816J4nsXuNQIQ8hQOK+b4mv9TS8zy6kdSa2v4pgdz9qRtRiWbaSFLdK5y3s5rfILnbnHWrtraMz7mXB96/K1Kp8K3Muhsy3EZ5D4NZl2yXMmxTjj8aytSklhmxnC5qtb3E3nBwcDOcdqyqOo3bdEo0pdPlL5DArWhY2bxvgORz/F61nR6kfM2v8prSNxtj3A8n+71ropSS1XQTizokuDaxAsx464qNvEKw49M44rnWu5pOCxZehousvC2wEN2BFevGpKpHQV7WbN7/AISM+rUVyG6f+6aKzvU7mnNE96XrnjFNuWBt5FIGcH+VM3dKRs7SOvFfvBLPzL/a2sfs3xPuGwRvTr+NeF25+bgV9Mftpaf5PjeGUDG5CDxXzTbKQx54ryK6/eM9rD/wkRqu277AE1r3HzWyE+nXNZLELdY6D2NacufsoHOMda5nudceqKl64VMj86+jPg7emTw2ingdTxXzjdKDbjPp6V7v8DbrfoxTJA6V0U3qc0z1Lfux90jPrWjo2l/2lIwUbQtZwwzHHJ9utdJ4ZuooN6nG5vX1rSrJqL5RRS3Zz2tXS6HdC3JVmPviq+kao97eGMr93jr0qj8QNBu5r43sJZ0U9MHFZPgvUSdQlVgRIuRnPJq6PvR97cwqzcXodVealGt+LbPz55x0pl5qselIWlUvk8Y61lX8u7xJGTwDg9K6K+tIbiMGRN47eorf2aMlWbKtj4gt7g8ZUt0BFaMerbVOFyPbtXF3ipDrCCMBUyBx2roVX90wxksOxqXSGsRrqa8mtC6Urhduewqo02XJHGTWZbwm3DMPmBOMdalaQ8jkcZqVRZaxCNKO6aNfvnP+9+VTw6xeRSALcyLx1DHmufkuGUYY8dz/ACqM37Rjnp6Dmo5JI1VWEjtI/Fmrwklb6UFfVzV2H4ja5a7dt8W7YauN0uaa+bhGkI54q3JLJHLjaQwHcAVHP5myjGS2O7h+LOvwqN7pKD2xWxH8ab6OINJbxyHuB615X5ztyDinBmJAUkD060nJ20Y/Zx7H0HdfEu8Phj7REqwsy5ODzXjura9e6pIZLm4eVic7WPHWqUOqXLQm3Mp8odFzUfk/LuyT79xUUoyV+d3OWva6UUPXMkgwpwO9alswhjcMMcY9aybWYwyKxJ9cntTrrWYo7pId2GYdOtaS1MIu2466bzGbA5+uKzbjUYY2WMn5mPy+naq39pPe/bI8Y2g/j2rmjIdsZZtzBs8UIUld6Gnq2sSQyvbJwSMZ9qytQupJLGLDZIbrUd6WbUmbjkcelRzSbrYEDgPnBrTQmyOttObGMZ421k6eskl9KihcevrV7Tz51jHl+CMfSjw/p00+oytGueahhEdq0JhsNpVcZ/DpVRmb+zYwPmPQDv0rc1S1aZPJf5AOcVXjtFhtxGMsqn+KoBmBY6G8N9HcqNueDnvXTW6iPopC56GkhhJj2/Nx3p6IvRT9OafQh66nrvw/vUgsVGOwx/hXbyW6XEBKgHIzXm/gi7SG1Cn09K7uG8CoAG/CvzTHS/2iSZn1KsujRurb1UZ/Ooo9AC/MOlXppw/V9tMW6ll/dqCxHfNefpew7srLaRRlt49waQxxyj9yfmFTLaySbt5zUUentbyEruGepokmlYYsecgTEHFW2tz5YKAFe5zUM0McnBYhx1q1FGVhwrDirp0+5MhsasVKnO3+VUbuHy2b5tvrVvzWB2g5I7UrKJ/mkHI6VTl0QFD7UZFVGQFem6p1k8hQSuRVqJIZkIAJI9qW6twq/KAe/FZLfQroUo7tGkYDHzCoZHLNkHmkFksjHZ8jdcVXHnxsQUZh60bvUnlb2PqH4N3Taf8ADW3DxrKHfcu7IIzycY/CutXWzCoIikTd/dlda5jwIsemfD3SvMyFG0n24UZr1rXPDtzr0KldU1PSJ2RQ72JTIPGSNwIr9KwsbUop9j018KSPlX9sH45XngT4QTw6RJcJqeumSzgnS4JCRgYmKn+8chP+BH0ra+B/gHT/AIY/s/2vhC8t5Tc31l9o1FkdQDcuu8v06p8oH+5W546/ZP1DxtrGlT33iDT72xsbv7SY73Ry00vzBgWfJG7IByAP617XofhOCzsZ7TUlsNQTOIpGsypKlfmDL2+bPc8HmuupFSg4p7hZvc+GN815CHH3gM59feq66o8riCQbSvfPWvZPjR8I4vhy1vqWmXHnaTfzyKsPl7Ran7yx5zyMZAJ5+WvE9WhbzA6EK2eor84xdCWGk4y3PPkmpWZofaghEbHIPHBp8MIXJ6Z5rOhhlYJIcZ7Vosz+SDjJrjhaS5ri2L0ccLQsTyemKZb2ke7cB8vcZ6VjyzywOQFYjrg1LY6w6ymNlKH1oT5tGFuxF4w8D6L420ttO1awjvbUtuCuMFG7MjDlT7gg18+eLP2a/EXhe4a/8H6mdXhXkWd3MIL1B6JNjZL9HAPvX0x9qMrYUMT/ACqneNKsi5GR7V20cTVw/wDD/wCAXCtKGm6PmLTfjRqml+Z4b8c6E2qwtxNp2rW2ycj2jbh/95Cfarml+BYLeaXxB8EfELWV1y114T1CYmKTjLLGWP8A463PuK+jdU8K6V4rsDZaxp1tqlm3/LC6jEgHuP7p9wQfevJdc/ZXhXxBaXfhjXbnRoXlAlinLTtGvPMcmdxxx8km4H1Fe5hcfSnJOa5X5bfcdSnGWi0PZPg7+3Fp2teGX0nVLK+0fx5ptsLV9FmvXgtbnYGbeu35gSOMcnO3HXj0v4kTQ+IfCPhLVI9Pm0tnScNazyF3Rn8uTBY8n73evkP4l+BNcbwLpj/EHSYFs7eY2+kfEPRYwJbOQHPlXKrhinfDdOqsOldL4b/aD8WeF/Duj+EfiPCNTtoS8mheJrNlaLUVKYEDSHC7+BjfgjPPHNe/i8H9Zw/NRW4qlSycD0a+1KHRrGa8vrqOys4RvlmncKiD1JNXlkTUvDlhrMFxDNbXnzRoMiTac7WII+6dpwQfrjNfLHiCHxP8Xro+I/G8c2geC7Cf/RdBBMb3jqfuDPJBwQ0zdBnYO4998FzahceHY73VXxPdASpbgbUt4uSsaL/CvOQOw2elfL4rLqeFwcqlaXvdPU5FBR1NSW+dF4UkDuO1LbSG4VgUxnoKb9ohaNuQSBTI9agtdw4Bx36V8rTi7KUnYTsxl5pcf31+WSltZpFUIxIwKrSasbiYsp+XrlTT5J98I2nnHNKXuyukTvoa6ybhjbyODz+tQXUjW68DvzWEl5cW1yM5Ydq1k1YSYEi1o5R32Zn1PP8A40XzL8PdWfAU+U38jXwZptwZLs5GMA/yr7n/AGiplT4Z6m8bYBTjmvhfQ08yeT6V9lkNNU4y8z1sOvcuZ1+N19I2ecn3q74UXfrkIPI3A8VWvEHnTN3ya0fAluZNdg46mvrKe5tPSNz9AvDdt5fhfwPb/wB6VW/8dJrsNYu86tcRkg84/Sud0OP974JthxtTf/47XQ61o5bUJpwxBLZr5viZt0YxXc8uTK1vbtH8x+ZWrWt/s6xnICt7nrVGOCRVAbGf6VI1urKBu47HPNfnjSVn1MineW8csmAAeeCaq3FrHAowuOxrX+yxR9WHPr2qrdRhmGGyvsKiVNbslspR6Ot7GChAK88ClfTbmJQo61b+0G0UBOT7CrNtfSnDuuQfWrjThezE5dSpa2dwsR8zG4dRT1Zl4MRIPtW7BexyN+8wB24pbwQSL+6x9QK7FDl0TJVpGH5//TI/lRV3yz/c/Silyvuacp6ZjBORj3pFkC5z0pWmXvx7VyvxA8aWXg7Qrm8uJBHtUnk47V+4oq19j4+/bjhiOs2UiFTIGIIHWvki3Yec4IOM16l8ZfiJP8RvEVxduzfZ1JEf515ZErC5b5e/pXk1pKU7o9ehFxp2Yy5XbeL9a0JGzbjvzVC6y0ynHerxX/RyOvNYM3i9dCrcfNbg9fr0r2n4CzK2nyRjHfJzXi/3oSM8V6j+z/dBbmaM8HNa03qRLY94VvLBA6ZxxRHO0bEgYNRN8qgnJYUwNtYDbxx7118tzC9j1fwtotr4x0RrdsCXGPevLdd8B3fgvxERJA3ks2VlxxW34X8VXPh++WaA8fxKehr1+P4naDrGnodSt0L453KDRFqKsZTi5O582a0pbWIWC5OOqjiuob95DkgEkDt7V7Elv4F1d1ZoIQTyDwKlfwL4QvOIp/KLDs9ac66mDpSseCz6ak86uy/OO9TeWckcDAxXtU/wZ0i6UmDVGTPqc1QuPgFNIpa21KNh/tLVe0j1I9nPseRyY24GCW46dKqlW79K9Nm+BOuIT5UtvKM8ckVZ034I6lEwe5h3gHopoc+xKjrroeX2unz32FjQyMOPTvW3Y/Dq6uGVpkwuclRXsun+AzpigfZGA9cVp/YBCoBiKn3WsbykbrlicFovhdNOhCiEHjBOK5fxlpptb7zFGFYc17A6jbwMfhXmXxFuka4SNcbh2qORRR0U6jlKxxC8ttJ6frUqscnaM9h2xTNvdvvd6TZ5eevTp6VmdvQu23mzRbwvTmplDMpVjt+pxjmq1rcOsLqqsF6HinMxbp1zxmqjqefVVpGT4gvZYZYFj4Bbk1VvDu1y2dwT8q9u9WdejDRRORwrcmqeoPtvbIjJUqPaqMexckhnsTd3DQ7lYNhVP865hp2ms/O27Pmzg11a6xLJcTQPzFtPy4/KuaktWu4miX7u7rQO66kkzbW3dWKj5V+lV4YZntpcx4y/T/CtcabI0kTM21EC5rWW2RVbaoOTyQKROhDpUZFlEWXAAx9K77wtaWcNlJKrqJCOSeprjQfLU4H4jH+cVLBeSWucMwHtUPVBFpPUv6xIGmk+bc2cfyqnCoaQZ6etJJmaTcWzuOetWLeJGfGRnt1qG+XcXUkkjEcecgD6021tXmDFVJH+faob95Y5PLCkk9ABXReFbOYRYdSd3NediMfCitGLQ2fDmLezVnBBxk8V0trN53Kt2qtBZxKApHJxkdvetix0+GNdsXH48V+e46Xtq7mnuRdbmZJrPkz+XKpArVs9UCjIAZfWnXWm200Z3ja/tVS00mOJ8pL8vpnNYxjdXbJuaJ1Ib9zHA+lW9PuhczH5gwx+dVl02NlO85AHY1FBHHa3G0A7emcVpK24RNO4t4fMJyAfrVT7YI2Izx34qpdRyCbJc7SeFzVuzjIjbcN3pxRzXQWuNYrgvG24mpLSYyK4K47Gqlx50OWUZHpVewuZ/tDCVMIehB4pRjeW4abFyKXyJmU88/SrckwmIXeFPUe9Ult/OkZmJOP1py2+5wR0HpVSiou6E72JpGMe4kDPt1q74bjh1bW7C1uFJgmnRJNpwduRu/TNZlw2WwGOR1zW14Kt9/iWxAJzyxA9lNXQjetFW0ZUN7H03qelwabo9pZRSxAG4VYoQ2W8tpPl+ny46ntXcCZlxtYjnsa82hR7rWtOXazJ9pjy3bgZA/8AHf0r0Ycdu1foq8j1YomW8mXpK4/4EaeupXPTzn+maqnPGBSnK9aq7KPMv2lNQlk+HkEEkmfM1CLGfZXOa+VbvT5W5V93evov9qSRm8P+HbZW2mS8lc89ljx/7NXztLvtSoZzj1z1r4zNpr265jzqvx3LVur+T8w+YD0pqtLuyD8o64FSLcL5e7OV71EtyI88ZU968dyS1iYXLO1pNuccdc06bTRInmIVDfSqc12Yk3LyO9RHWti/KST/ACpU5avmE5GhFJ9nGflJHFPgvYriQCQjOMdKxpbg3igo2CepqxHEoTJ5fHUU+fXlJ6GlcebbyB4SNnWrVhdNM8Zc87h0+tYV9dTw242Zb0qkdQfTtPm1G+lW1tbVGmlmkO1UVeST+VaUpOVWKRcT0T4tfCJ/jN8Kbjw5b6/B4enN+xikuZjDG5eNW2lgDxlcnjkE15NefAeT4F/Ddxf6rB468PqYYfEHh+eJnixIdqS2r4BLqc8KARwVPUH6d8H+JrHTdD1nU7mRDp9rDFeSXHmInkRiM5k3twmARnvg+9fGXxg/aH8R/tCXmuL4Xtb+w8BeGbR7y/u1ZpH8vO3zTuOPMcNtRP4VLE/xV+r4XGVo0I0Glyry1OuVCnJ+0d7lzVvCtvoOj6LqP9oTeI/hbdTRm11dz5lxp43ZFpdHP+rLbB5g5IAU8Hnu7icPKQku5WG4MCCOa4r4W+NNP8A6bZ3dpbrc+AdchW01fSbpjPHbuRs80A/eUk4YEdT2DcaXifwz/wAKX1/S7SW6a68Caw2NF1SSTcLOQjd9klbupBzG56j/AHTXi5tg1mlBzofFHocj3sWLuGe3ZmGdtU7ZDNOGf51HvXYXHlPCFeP8aqJZwQ5ePaQOtfmSoyh7knsDsiWzt4DEMJj+VMW3/eFk+6DTV1CNYzsG0ipY97w7o857iunmjJIm9yG6XzGDIOe1U5pPMIEi7SDjmtGFmjbLLk+9U7mRbeb94MKeelcVeUVEW2p5T+0cZYfhreDeBuIG315xgf57V8e+HYC0kzHBGDzX1h+1NrEDeBxbxthncdv0r5W8PL/o8rDmvuuHpN0W2exQinSujIvMM0uR3PSt34awmbxBAMYG8AH8a524JdpG55PSuy+D8Jm8TWsfUGVcZ+tfWU37xdbSB9+aVCy+JfDMYHMNmzdPYCrRv7qbULjdgrvOD+NP0uPd44slxnytP59uRRI0qyOQOCT94e9fMcTP4UjxpS1SFbVByp+VunT61QXUJPMOTkfXtW1b6XBeQ72HzDv0qvqFhDbwHb154r8+dKTfPfQnmT0MC81aVG+fIUcHioZNYMal9305qeaOG5yhJB6Vm32kP5e1SSPb0qJU3K7QOxatdca7kG3nB5NbEerDbgr81chaWr2bFjwcY+tXLfVEDDzOW5IU1x0Yvnak9RJaaHRR3U004VG+X6VdYTW6luQO/NZOh+KrSOXY4UnoRWhfa/A1wFbIzwK9qnGKXvO5Si10H/2hL/caio/tkPqfzorf3S+VHqeuXlppdvJPLOihRn71fAf7Tfxmn8Va1NpNlcH7HGdr7e9Y/jn9oXxN4jaa3a88qBuy5ya840/w7d+I3uJ0+bHzMzHvX69Ot7SNodTsjQ9m/eOalkzHjrgeuam0+W0W1fzP9cT680moWxtXkiPBXg1kvYzSSBlQ4+lcdtTrjIivCNynPQ1ctwWhx2xVK9jZAAwww9a09JCyYVjjcKbNItXM5ssHHTt716B8CbgQa7Kp5JOea5HV4YoZP3bA9iMc1ufB6byvFJXqDg4pxstSJapn00VEmGbgfTmhY13YzzjvS7m8tR2PBoUDgnqPSu45xywlWwv1HOKl86QLtJ+XuM1NCvTIyO/f61DIoVj6H3rJ2NEIlzJCQVbkD7o4rRj1ho8FSQV5wDWS2fQ/lSLuOSe1JxTLT7HQxeKJk2/6RIAOu1jWy/xMvLdUitrlwOp5rg3jxjuKWNcTZxn09a5J4eMndm0Krjod4/xW1aMZjuiTnjdzVm3+NGu2+0Fkde+c157lt24gHjtUvl/xE8njPpXRC8FZMzlFS1aPV7X4930ar59qjj2Nalt8frWRitxY49eM14sUPQcheOccVFwDkDkcc1p7aXch0YS6HsviD4yWFxautraYlI4wK8k1LUZNSunnc5ZjnHtTZnVlAI568dqi24HA+tTKo5bmkaUYbEgZWYDOB79KeyrJ949OtRfLu5GO3FPR8cNkjHJ7VBtbQuQKkcbLnmmKoVRjr16U+3j3LtHDdwKTyNzBOQc804HBXMPxJN/o6KvTdjNUNWuIoZrBmba20beeldPcaSl1IqXGNoOeRWN4k8IW+pyQGFipiPb/AAq9zlitBsdtLNqRlIPlMOMdORV610VLNWOcKeeuas2sbwxpGwBdRtJAqW4kxHhRj2pC0sVlVc7QfwpioIyRnA9M9KvEJ5O8Y347d6zbiT5cE7Mf3qRJNtGRlcqpwM0l9L5MI2LuPXHWo9Nke4ZkVSxxx75NdBY+H/tPyOjLkYFebisZChC99Qk0tzl7G4kutu0H368dcV2uj6KJ4fnxu55zWrpfglEiIZBlepx1q+dGNvDsQlWX25r4+tmlWpHlRnfUistHjjkTzl3YPBrX/scQ3AeFiFbsDxWbawTBdkj/ADeuKmie7tGYht0fUeteLKo563Frc1VsnWT5jwOa1IdQihjOW+YD05rHsdTlviVYbMeo4prW5NxhSC9KnbdhJm3HqkF2xw+Oe4xmq1/BJEwkiPWs9bVY2AkGD1+arlvrMMCeTOc9lqZxiupNxRJNCNxl+Yfw0xda/fYk7GprgR3CrIrr+FVLjRo7oiVXA9RWDly2sMvX2tLbqrvzF3x2qx/wkVo8aLE4LHtmsR7WO3XZKdydgalTR4JI1lhGGXniqlzSi7C+HU05dWVSFJIBpZpDtDKQy9qxN26bY+VI9RV21t5DG7K+9fSuKDla3NoU7t3Rsw6gPs4AChh696QTPjIOFasuO4Hls2MOp+Zcc1YgvlkUZO2uqFXXlkw1ZB9luVvPM3ZAPTrXcfDOE3ni62ZlA2xN29cD+tclLeR2bCUS7h6V3vwbvotS8QzMnPlxhjx0+b/61engbfWYxTHTtKaPoHwY8V5q11FPkpCVuV29d3K/qGrvFvLXp9nb8JP/AK1ee+AlzdarMRnaqJ/M/wCFcbq/jTWVvL1otQmjiDNsVcAAZ4xxX6ND3nY9Tm5Vc91+0WbHHlyj/gQNG+zP3TMv/AQf614L/wALA1+Msft7NynWNDz6cjpWhpnxE1y4vIomkhmWSYIS0IBxkDqMcVo6fmLnv0MP9rKR45fDXlB3tglw3mAcb8x/KffHNfNF5qRu5vJJYNnAr6a/ar1EW+i+HYSOXuZnOeOFQD/2avmzy4pXEm3Y3pjrX5vnMm8Q0nqcNW6myaHzLW3CvuKHjOc4/GnTaj9ktWC/vBjtWjDNH5BjmXC4+8abo/gXW9bnYabp9xeRMeJNu2Mf8CbA/nXFCNWpb2cb3MFa+pyX9tzTZVEYD6GpmuLprcZj49eleyWnwestDjE3ifWbTTGIBNvbkSSn2xjr9Aa2f7C8O6r4du7Lw74M1LV7uMGRdVLOGVQPmwo+96gYGfSvfo5Fi60bzVvUekloeE6Yr7S7OenOTW9psF7eTbYIZJwf7qk4FeawfG/TdU+IE3gzwz4bvLvX7febubXkaygtVTBZmjwZDjI4wpOR9a8b/aK+L3xO8J67BpMniyGw0q8Te8fhyI2Z2ZwVc5Lk46fMQa3oZJCnU5K09eyNIwvoz6z8Uav4X8B+VN408WaX4eiPLW7ziS7+iwLlz+Veeap+2T8PLeU6V4L8GXPjqSckQ6l4kc6dZx7efOKAs+1cZy20CvNfj34R8Iab8F9L1DS5PDNyupCOfS76zuElvJNrYkZ2H7wOCQXEnYnvxXz54N0XUfiBqH/CM+GjDaxCNppriaTY0qhhkk4+6CeFHTrya9/C4fDYWDquny26vVm0Iq12fROt/Fz4h/tOSajoFveW1t4Zs8alrVxp9r9ls4lUJGGIyXk+6gVWJZ2AY4x8vsP7N/jb4d+OPBXij4e+GtIu9NjXS7qKdprnzhekowM7/KBvYIGGOAMDtyn7JvwDf4e2uvWuo38fiCLXbJreXTrdDHGuxAwCsxySSeuByua+gfhP8B/CXwzvbs+H9IgtLu/SVbuS5vDJKN0bDaihQv4A+pxXuRxOAq4Scql3N7W28glGtzJ0n7vU+KfgXGbf/hJ/BWrIJpLC4lhMbdCo4I+hUg/hXqnhm6s/EnhvWPhb4veS60wx4tbhvviAkmKVSejxtyD6qexrzHWJh4V/aMW9QlbbWbKGeTAGN6HypSf+AlTXb/EZUhgtNctGK3WmvmURjJeBjhx+HDfga+ZoY36ti6dW/uVFZ+pzVNzB8C+KNX8D+JLr4c+MJVk1Sz/5B98xOy+h/hKnucfjnivRftCuvyHb6rXF+NdGtPjB4RtwZPs3iDTsS6fqC/eRh0BP90jg/QHtVL4c+NpfFGnz22pp9j8RaW3kahbkfexx5g9jxz/jXmZ7gEqkq1LdateXdCk20dlNpc8lwJo3+XPzLSahdahYKHgGV7irdpdLIAVIZBwc1oXSFoAfL3qfavhaUY61Ivcz+RzNr4iuroYeMhunpWpdTGW3UzKc9K0LfSY2t/MVMEHPuajWNbqTyn+UD2rCUk1ZvUuNuh86/tSeUvhi0K/eaQD6189eH8rpspHQDNfR/wC2CLa30DToo/8AWtLnA5wMV836bmHSJWxwQc1+kcO03Twtmz26dvYo5+Xo/ua9E+BNv5/jLT1PXz1Pv1rzqTDI3c16z+zlambxtp+e8ykH8a+qoaysXiPdp6n3FpMoXxxfOP8AllYL0981WXXhJKQ6bDnnIqbQZR/wlXiGVhuEdvGnP0qSGG3uomZY1BHPTkV8lxHUXt4QZ4Ml2LtneRsi7cgZ79qj1axM0IkRs+uKo22oW1vIS52kEnFQXviS3uGdI5MAe2K+KdWm24N6kopXGmJOwKSNuB7GpHsXh2oW9ia0NJsYvLEpk3D071dWxjmkLFz8o/i5q4xlsCuzmbjSZAwAGSeuKr3nhOe8ZSu5QeS1dNJLHb3IUfMVrVt5BcNsb5cetdMMOtUzojT0OJs/CIgYMeqnPPNWr77PBbkyOEdPbiujuFSCRtzKB9K8/wDHkMzQuLR9xeuzD4VSfLE0jDS7RV/4Sq19W/KivOv+EN1n/no35UV739lMqx8nTXT7ixP4VraN4su9It5Iofuv15r1e++ENhJbFojzk4INV9I+BMOoSOJJ3UBeFUjmvq1eK0R2yfNqzxu4uWupJHc5YnNWbLxBb2v7uRAc967Pxl8I7rw2lxJG/mQp045FeQ3gYTFWOcGhNsRta80MmXiOFJziodPcrH1+lZ/nFo/mqWzuuAefxqrXQFuRjvbdkitz4Yyrb+Loi3GRxz71mXkkD2qlT8+Kb4RmMHiq0KnGWwTSewz67Vg0KsCSCOSKRXGCxPHqKi05ibKHJySgPH0q35bFQT068cV3R2Rh1HQydABx/eFSOu4BhycevFMjjJYt0+nBps2UkABK54GaiViritbn74H+c1Bkr2IHTFWo5SoJY9+nb8BUbru5H4ipKRFt44OPal2gfT60q52nA/Gnp94HB47UrFoVOnJ45FWI1DYGPkGeM1Wdj1wQv05qSGRmO0nA9RUlplyO3DLhedxxUMtuySYxwfelWTZJwOPUc/SrIJmwCCCfbNSyim0XfGfzo2D0yKvfZwsY+YGq+75gDke57VJVysynf39M04rtB4yBx7VKf3jAkHPcYo8v5snn14oKTuFndBZDgsG7elWEJLbunp/jVe1iEcxIHHc4xmrkkbMhPRQf6U42OKvvqMuJtzfe79agX5pCT1PTmms/z5HTOM//AFqbu7c/5Fa27HHYkjYM3pipGj+3RnZyQTxRBbtdQyFQWOO/IpNBtpYbw78hGIwv9a83EYynh07i9SSys57mZYo0JJ4rXi8Fk3GbpMBv0rsLW3hjhjZFXcDknr+tWby+t75lQMBIo6d6+QxWbTmrwdjJzOf0fw2uizbjEHQnKkD9K6K3t4ruUEx+Xt4zinLeIkapIR1wKvfZ0VVkSTc2Oh618/PEzrP3nqR6lu3WOAkEgBeoqnfWMd1uYHb6c1VvYfOkUxyMh+tU5r6S3YRTBmB6H/69Y8zk7sNIqxKtnH5gBYnHcdq0INNWZGEZDkDoetR29ikkQkRiM9iasR281jKsi/dbrnpTi1FlXuhtjDbxqVfKHPOBTbjS2iuEnilJUnJrRm0k6hAdp2k/pSDRGjtCouiJO3NbSvbUlvTQivI4GhBkIVx75FZY0+ORicBgferZ0KeO3Mkk5Z+ox0/KnfYmltQnm4df4awkn1DdaGc2nvbE7GxEeeelU7hLpFBhfIHJFbvkzyW+zBb055qvplrOjMJkOO1YvW1ile4zyxeW6qRtcDOT61LZzTae6xvjb61ZvLdgNpHbqKxG+0/aCgyyrS53DZaifmaWqL5mGVAQedwqis1xp5EiEtHnBHPSrunq9wp8xtq+hqzJb27KU8z5ug96fvSV0hWSK8UcdzJ9pVtpxyo5zVa6jF5G5hOCp6A4qW18qC42ElWbt2NT4SHc4XaO+BUJcy5diHvoZkelNIqmRiPx4r1z4F2MVncanIrgvsXj/ZAbn8zXBW9zDMoCD5PRe1bljJJo+k3zW0rI1wmwsp52nAIz+FfQZPTUsTHqXT92dz6e8CMo0bVLlSrK0nysvQgL1/WvKbxtwkbux/ma9P8ABsZ0/wCGRbkfum/RQP6V5hMpkVcAn5gT9M19/T0bPTk9EQn5pDjvKP0Fa/hGHztd05eoacN+TZ/pWX5bq65Rh87E8flV3Q9Qk0W6tbuNAzwkNsfo2c5HscGt3e2hnHcvftD+HbvxNqHh+3trWScRRysXUrsDFl4OTkHAzn+teSeIfCPhzwLbpeeMvE2neGrbgiK5nVZJP91T8zH/AHVavT/jR4E8R/FC407VtM8c6l4T8GpZGO7g0myAuppN5JbzzygAwuACMgnB4r58vvEfwF+B9rceItP0ePxlrFtM0EuralK13MJlALZllB24yPuKOTj6ZUsjw2LqKpNc0n0OCvLlk29jv/BvirRvE1vFc/D3wFqni6HzPLGsamBZ2Y4JDgzAO69OVUdq76fSfEtnHcXXjDxrY+HdKdFI07S4lthFx82ZSxZ89OTj2rxjw/8AtUa58Ur7SBok1vpGgXDy2sypGyTrOE3xqjkgFGUNg+qkcVzHjrRr3xd4v8RW8U11qXh+4s2ZLe8jBbewZowBuOySJxsO5iz4DE4Iz6vsYYVOEIKLiFOCdm3ue0a58Svht8M5LZmspdRuLhsLfX3zoBu2+Y3UhAw2lio5IGckV5F8bv2uviBo/gq4u9FsP+EfvIbm4tvLsXjcxqhQK+/GMESK2B1BUA8nGhqF2vijwzoEPiSc6abV0vH0mTE5hm2gSRgodpRiqNtbOCgYYOar2snhfQTrGpPNGbe6EbXA1WVZLaPy4xGGVGAVSVAycknHsKyjmmDwlWMqz5vJBOLlFxTszye8t/HfjfUvA/xO0Wys7bx3ZyNY6lJq0SRxXdoYwQLiPGHKtuUgDOHUcbau+OP2d5vi14sbxL471S2Z2JEWjeHLc21nbqWLbFdyzsMk88YzgYAArM8d/td+G9BL22kRHXZIwVQ248i2T2Bxkj6D8a8b1L9qbx/r8vlWctto1sxwot7cO3/fT5zXz+LxGJx+IlUw8fZ03t3Oilh6qilJk/h34P2Xxs+Kt5ofg/R30/wZoJ8u8uLJXkmnUNyWfks8jA4zwqgn69H8Y/hHqvwD8e2Pj/wxorweF/JS2vLXYwjtvlCFWPJVHwCH5w+c9RlvwY8Q29jb6lpTs9va6mQZW07fbFJCNpZvKYHDcDBO0nsD17af4L+HNet0a41bxRarJkKJrkeX74yhGPrWsqcVBSlJyjazVr/eaTjKnKzeh7f+zX8YPC3iK88Pw/2kNPvrl2QWt6wR8FJPuN9yTHHKk/TtX07Yw6XY31tdzeJrfUUuZoVhSKTzWZt3HCqNoI65/OvgHTP2I/D2taO8emeJ9U0zUVuo9lxIqSQbXZVG6JQoJB53Ag810Vt8N/2nf2d5Io9Cvrrxlo1q5IttLu2n+QHJzaz469fkJ69aKNOjKmlS0Xmb0pLlsjA/aA0V9N8XeGr9BtMOq3OmOfQSIwUf99Riu4tdLTULGOW4UtFdQrIysc5DKCR+prynxJ8XtI+J2sQ6frE83hXXoNXhvrq11ezaFYpUlLvGQCSvVsZHcZHevZ/Dd1FJ4d08syzWyRCJLiFxJExXjAYcZx26ivmsxwlejg4trWMnt2POqJnl+jzS+E9Xm0pmObGTylbs6H5kb6FSPxzV74geGpbD7J8R/Dce+6so/wDiY2i8/abXo/Hdk5/AewpPiRbCDX7G/T5fNQ2rlh/GuXjP1xvH5VseDvFbWdnJaSAPE48xAwBAzwwx7+lepVxEsRl8MbBXlDfzXUV+rOh8O31hq2m2V/YN5tjdoHjbOce34dK6yRI1sTGh+bGea8V8F3KfDvxpL4blLL4f1Um70snpC2f3kIPoDgj2K+9ev6pbssAmglBGM7c18djcKqaWKw6vTnr6eREko7GauoSQ+YjjHoe9c7NrdxHdHahYKfpW7BdLfYMiHcDg+lSNpsfPlDlq+cqRdVpJWZnc+a/2lr5NavNMgYbHALEfhXhk6iz0maMjnkBjXtP7Tn+ieIrJUOG8o5UcV4tfKx0MuwwW5r9XySChg4nuUL+ySOXX7vt+te3/ALMNu03jXTxjOHzn8K8TjHX+lfQH7LNuG8ZWZIOdrE19Dhvj0OnFaUj6y8L28lzrXihl5VpFjH4KKytfurnw3vcKXjPULWv4Rma3tfEVxnazXhHPtinaoRqMPmS7WAHNfC8R2eJT6pHz82+hx+mzS+Jt8nlMnvUzWIs90c/ykEkMw4xW1Z6lbWgzDGob+IYxUN1cQa2wUPtZetfCxmubm6mlotWILCNsHypjt68HGeO1Xo2uFRmBZgPesxtNjilYLOVK9Ru/kK6TS7mza38hmBfpXuUrTXvhFSi7Io6bcpcytvBY8g8da5zxzr17otuZ7N2LLyV9a6i9W30ljIpPr17VzeqW3/CVSrHANsIPzN1GK9/AYWVaSijsgnGN2cjD441fWLJFaMpITtBz+td54P0a61byIPLa6uWxheufrWn4W+HM2r3sWmaXam4u29jhR6mvr/4O/Am18Baet3qQV7o/M7sP84r7fC4CFHVowqYh25Ynzz/wp3Xv+fFP++TRX2f/AG1o396OivZ5Y9jk5p9z8hr/AMEpAsht7pgB833uK5aeHVNNkYw3LMq9s19CP+zvcXWnyy3up3V9dMOIrb5EFfPfjjQb7wHfTWt45ViSUy25sVwRpTS949F1FeyMXWtav9V017WUb1HtXleqeDbcM25cHnviuq/4SS5hmlCIXDH7xFVIdMv/ABNcbUhknLdAq5rOUUtDZNs4K70O2t8jdu/2QetVrXRZLhyiDYvYnvX0r4H/AGVdb8Vxidrdooh9445/Ou/b9jeYIkVssjzngKM5NJRb6C9ol1PjSTwtLGwCtvPf9K1fCPgu6u9SS5LiFY2+U55NfUrfsyar4TnuYblHiuHAI81Ocfj2rzjWPgN4psbqaS1kVFYk8ZHer9m1uL2sZbHQ+H7prO3WJ5UYLwfmNdJDqDSZAG8YyMGvIJvhz4604najyY/u81Xkk8eaOpeWwmIXuV9KNNtUNPqz266vBaQhgGPtt4/nWTc65Zl90z+Tjn5hivDG+M2rabM0dzCd6nlWNV9e+Ncmsaa8BgaNzxlR1/GotbW5WvRHu8PinS5GAW6jz90ZNa1rNbXcPmpcRc/7VfFra7eNKSk0gyc7c1bt/HGr2ilYryQL6ZqHUZql3PsndHtJSRGP+ywo8wKSCOo+lfItp8UtctWybh279ea6O3+PWpxxorLkr79aHUGkj6UkkUfe7jkZp1rIvO368fyr56tf2gZww86In3re0n9oOzSTdLBzmn7S5Vj3VMOpBUD3NWF2jO3rj1ryWz+P+hXHLDZnjrW9p/xn0C6YEThW+oFHMnoCud20jK2ByPrVeTOR37VkW/izSdXAMN8iN/tECp4dYtGXYLmOQg44YVNzRIsbSsgkzhfYcU9pDIQ2ePT+tRi5Q5xIp+h9Kuxw/uwcggjlQRQVeyIbNg0xU+n61oNIscZj3HnOD3qlp8Y+2AAZx6VYvkX53chUzkljgCqg0nY5aqbsUpmy/ArLvtZtrGRY5pQrN6cmuG8YfFOOx1L7FZYkYHlh9aqR6wt7GlxclGfGNvY15+Mx0cPGy1ZxuDvqewWc80liBbyn5+TxRpf2y3lcyy7xn7rda810/wATPpdzDJFJlOpRmz+Rrr4fGtp4gaKMnZN0PNfAYipUrNzkyJRPQ7GbUGj3HPlZ7Gp/LVplYswc9gcGoPDMkUNq4mvFfsMmqF5qkFjfIRJkE4+U15UtPeiRyKxo3MlxazlpMkLyKmh1i4k2sImA77hVxdc+ywpK6CaE9WUZqFfFthcXC+Sip6gik4qdmnZhGm3e5akup5wiodh9f6VpLbu0Y87DcVn3GtW1snmFGckcNGP6VQ/tad2DkMIzyFPauhU9LsylaOljprdpIyI2XCdmIzXQTafNeaeArqeODXMWV5G0O2SbAxwGrUs9WRVCeYQOnFLSOjBU+qLNhZX9pG8bShxjhs8ioLid7ZCsrF2Jz8tZl7fahBM0kb7oBzuzVH+3k87du3MOMdah2toHI0zqodUimjWLdn1BqG5jWSZfKZlx27VwsviBFumYjAyB7Vum1vrixWe2mD7h9CKyfPLWPQJR5UbK6i9nOA8QAx3pJtaU8qOMdBWDpsurs22ZVkArXsdPkmmDz26of9o8VjRnLl01Jl7z0M+41U30yqHaPHFW4o5bSJ5BKrqBkH/GtUafaRviVRuY9RzV+Tw/aNGeSQR+FdMYtvmsKLvozmLO8i1WGSITCOYZIKmobHQrxbrzJ5mKHo1WrnwbaWM32q1kZDuyVr2HwJ4R0K48Jw614lvL9LGV2jWPS7OS6lQAkBnWNHYZI6benPeu7C4SvjKnsorUfoeR6nptxGyNA6SEcA9KWOG6BBlI5HQ12njHwcvh/ULd4bgy6beqZbWZlMbMvGQ0bYZCMj7wHtXPSXH2OQ7gJFXvXPiqDw03Cas0JMztPV9PvmlnjKxN6dK6SO5juNKRkAMck+0epAb/AOtVC31aO6ULJHmPscVZ+0W0lrZ/ZnU27XA2lehIJz+oP5V6/D8ufEvsio6tH0jqHiaz0f4eWFmo33V9GNkKnJRXY/Mx7DH5/rXFWlr9um8oS28LbTJuuJVjUgY6E/Xp7VkKx+zaYhYk/ISfXC//AFq0UfapG4j1xX3yVtj0NLIdaxm5s57ldiRQRiV98iq20gngE5J4PSmMN3ymSKMk/wDLaUID7ZPeg424PI+map6lZpfLGkgDAMWHHfGP61SuFkzro9M8UXGiWyeH/iXouhxyBvP0zUIzMigkgjcrgDPX8a+UfjF8H7e/8RavYeIYtPOlXZjvraWw3yH7UF8qZlAwrxOqqeWBBAOK6DVvCmoeMvCeo2+n6fb6xBLrt3JNYzXM0W+KNhGpAiYFwCgG1vlOfzuf2brOm+E7dPE0FvYXjSEpbQg7IEEYBAHOAcZwfbnita2Lr4ai6uHXvrY5qlPmVkcP4P8Ahz4b8N+G7TT4LNLwWtwtzCbpSNkq52sFDcY3MeSeTmtqTxRJFb3UniHUI7GxhG4zzyCOIfnXCeNvHHivw/pt1F4Y8JTaxcKhf7XIyFAoGSyxBtz8fSvib4hfErxJ4y1J5tfvLmaUHAhlGxY/ZUGAPyr5eWHzLNputjqjSfRaEU6E42jsj6W+JP7Wmh6PHLY+F7UazcdBeTgpAv8Aur95v0FfMniz4ja/44uzNqeoSXKg/JEPkiT3CjgfXGfet34S/AvWPiwGvF1HT9I0hJfKlvLy4XduGCVWMHcTg98D3r67+HP7PvgP4XmG4ljtdZ1LaJF1DUpY2wezRxk7VHvgn3robwuWrlpwvL8fvOi3s9k2z5X+Gv7O/jH4iTQTw2Q0/T3ORfaiTFGR/srjc/4DHvX094b/AGXdB8OtbS65OddlhXlXzDbr7BAckfU161qWvWOlaDNqauJyreWio4w7kZC7ucep9ua89s9WuPHOsf2faXssskZEl3eQjbHbL0CRA/8ALQnoxztAyOa4ObGY6Mqkn7OnHtuYOpOW+hF8QPih4H+F9n/ZQsVnlZWjk0rTYo49ikc+YDgLkHvz7V57ofjoa5ZwX9s0q293Fgo8vR1O0gnuflGfXNe4y/C/T9Lz/ZdjaJCwzLG0IkLt3LFskn3JzzXlnifwdBY6o8Gl2sNkGQXDW0QCANuKsQo6Z+XpgZrrybFUVXdCEZa9WLz6nr3wP8eafNpdyl3fQQ3j4SCGeUK8rxujYUE/MdpHA9DX0xqN9u0t7C6168u0n3utk12UdVznZ8q/KB0AYnPcV+Y3xI8M3lx4J1CGytZLq/t7mK+t4oI2aQspKOFxznY5PH9yuk+B37bnif4WtbaP42tLzxFoSrsSHVfMS8sjjAZGbBkQd0bt0Ir6GtheS7gdlCSS0PUP2sPAvhrxF46kvrzT4ze3mqWET3AJSRoZVQuGYYyQM/N1HavmvQpvEXgHxubXQ7+5stNulW4tWkl3RXNu2NpJ+45zxhhnI9a9s/aW+JemeOfGnhlPD91HfRanZ216t1ZN+7J8logqqeQyv1B5Brj9J+F+p2t5DPqd2qT2+EsbaJROlvsGIi5PD7cA7Rwcc5rzfbQwNO2JlZSb08jCUkm0z3PxZ4YfxF4FjDxrBqc1ml5EpXayTKTgEdsshH0avJtJ1BQY5kU7Plm2nrsPBB+mcfWszwB8WvENprGoeE/GM7t4gtnMkdw2B9oU8gj2I5H4irKTIt9dxRFdsc5ZVI48uTLD8m3jH0rky9qli6mEa/dzV49jFKzszv8Axd4R/wCEm8IlLOXbqFqReabLnpMoyFJ9GGVP1HpS+E/GB8YeHraRZGiu1TDxtwSRwwPupBH/AOqo/DutSTaKLQhg0DFFbPO3qPy5riplufCHjh2wYrPWGNxCV+6s4x5if8CGG/Fq8zDRjGtVymron8JMUpXR6jZ65/ZilZ1B55/xqWbXjHKsyPmJj2PFZVlEmvxO0zZ7HHY+lQ3VmthGojJkT0x0r4LGxrYeq6Ml8Jj7M8A/aMvlvfG0L/wrGCV/GuR+KGradqeh6a1hai2cRBJcDhjmtj41ahHfeOHZeVWJQcH37Vx3iQtJpsI244H41+rZUrYOPoe7SdoRRx0cZK8LnNfTX7J+nk+IhI4wUhavm3mNUUDkEV9Xfspwbby7l67bc54r3cKrTuVjH7iR7nodi9/4X1E+ZsMt7Icr/vf/AFqhazeGLyS/IABOODWt4btXk8Fwsp2NLO7ZP1NVrqzmtwscrKxY/Q18Dn1NVcS5p6o8a3vGLcR21opyS7Hgjmsa3syt6sq7grfKeo4967qx0O2vJfnxuXr3qTVNKg02PzDGHUfex1Hoa8Sjhebc15bytE5zWvCL/Z45oJPmcDO0+1Y9vps+myeY824gfdzjNX/EPiw20axRMW7BfSuVhs9T1a9LySskW7/V88j1r3cPl7rytFaHXyKmrtk0mu3Gral9kAYx5w3p+deqfDzwTf8Aii6i0/SoWyTh5v4U/wATUfwv+D91461aO3s0MVuGHnXOP0FfbngfwTofwp0NU2RoyrkseSa+6wODhg4WW5w1KnO7IPhn8LtG+GOhrIUX7SRvlnk+8zY7muT+JfxYN15ljpzbYlOGkHesP4kfFKfWpJbe1kMVopxuX+L2FZ/w1+HV/wCK7xbu8jMdoDuUN9a9HSLvLcztpZHL/wBsaj/dm/I0V9Kf8KtsP7tFT7ZdyvZS7HzDpn9oahYh5DHZxsvIHJxXjvxo+FOi+Io90EX2nUW/5alicf4V6lb6TeyQhbm6faP4EOKkbS4YVOyP5v7x5Nd0pc0bWM0uWVz5g0f9m21UCS+Jbvt6AV6F4e+Hej6Bhbe0jUL7V6JfW/zGsacheMc153slc7vaXjax1XhfX4tDtfIWJdvbArUt/H8en6jFPHGGdTnaeM15y18bXBzxWTfeJrGz/eTzqp+tF5pcqB04SWp3njfXDrt+txKioqrtUdT61x93brdqNqisiP4gaZec+cpx3JGaux+ILOZf3Uq/nU3d7yY3FJWiiaPToIVy6Ix9xVLUtDtNSiZGhjKtkHgVM2oRzKAGB47Go2uNuRnJ9qtdyby2aPKfEP7PPh/Wp3la3QSkn5sVyF/+yLpF3vaJzEPY19BecUkUn16Yq015HJjAA+lc8+6R0U/NnyDqX7Ic8UzLaXLMOnNYV3+yD4hWTck6kdea+24V8yXcFycfexUxZjIV2jiuebjsdUISeq1Pz61T9mHxZYh2EauuOMEk1z8/wJ8WwW7Tf2c21eq5wa/SlZLdRiSMH8Ko3FrbTwlTbjY3+zXLzTi7LY7lTpyV+vY/MK68B67Z5EmnzcdeKzptC1GLIe0mX/gBNfpnd+ENPmb5rSPDDuoqhH8MdEabzjYRNjp8gwK2nKMI3bOenRqVJcqR+Z8tvND9+J0b/aBH6UgMkBBDsD7Gv0+X4O+GLq3ffpEDNIcklATVK/8A2XvAt1CGm0mFmPJOzH8q8apm2HpO03Y+gpcP4qslKnqfmxDq97bjbHcyKB/tHirkHizVbVspdyZ/3q+9fEH7F3gSS3WS3t5LV2H8Ehx+VcXffsM6FIrPaarcxk9FYgiiGaYao7IVTIMbTV2kfKNr8S9dtGyt0xHfNb2n/HbXrQBZJCyj1r1jV/2IdUtWP2fWo39Fkh/qDXKax+yD4z01C9u9rdr6KzKf1FevTaqR547Hz9aMqM3Tnuirp37R1/bSFvKyW4NQeKPjnqOsWjQxOYg3J7Vk6l+z9450kZfQ5pB13QlWH86w5fAOvWeRcaPdROo5Dwn8+BScVuQ3KWhRtLyeS8+0yvvfOeTzXeaP+8VZppu2QrHjp6VxI0u6s2zJbMu09CMGte3ufLUbo3C/7uTXPWwyqnLJXO+j1m1MQMzEbRwqjFLD4wstJmWeBAZB2z/OuVhvLTCB2b8RViZbK9yVZPlHqK4Y5THeTMeU9B034sPqN2BIWji6ZjPNbkvihLgbQGk9GJya8ms7eJGHlEY9eK6vw7fR6dcJO3zledvb/PNcNfJoN+6jFx5dY7Hsei/EK4l0yK0isWBHy5myB+tF7rCwwr5xjDyHgR9c+leaan4x1HUpMxIIo88bfSo9G1mSGRhcRPKTn5j82K8qpldWm7qIRlO3Y9q8PapLZqDeN+6PALHOPrWjdaxFNOHSTEI52scCvD9W8Yap9nxaW0jFeiqpNcRqHjDXmZWkFxGe42npWUcrr1NdiUnLdH1ppurw3OcPuzxlTwKdKLrT43miBkQ84r5Tt/iPqWlRq8czpKBk5zn9a6C1/aO1RbAwSoG+XGep+tKWVYq1rXQ+SS1SPerjx8EjxOpXJwfm6VNp/iTS7cZlUSO/3Tj+VeDeH/iOfEN8ltKuxZDkk9BzXotz478O+HFhs5h587D7w5NccqFWkuScS1eN7nSXHjCxluvs72xQ5+WRhxW/H4gazXyoyXUgH5TXBLruk6vbNMqmNQOD3/SsHUNeuI5EitZmWPOAnSsZU5uOmhLi5PU9mtfEUdkEl3k85OecCtdPiJZeXhxlcc/lXg8t7f6dZtNPMX3D5e2c1iL8RYtKuFjuJFkZuSuc1z0aNa/uojk1sfTK6mNST7Vayq4HJB4H51OfEF0sUaeVI5Y7cKu727V83W3xatmjdIbgwKh5GcACvSfhn4k1XWvFGlWdrcf6el7ADYSN5d4w++WWNsMVVRuLDplT3r1KOEq1JKPLuVKKR6k2keIJpVji0LU593JWO0kLdfTGa6WTUJdD8O2qnbY3DqSGvAV2HP3SDyD9a6zw/feO/E2raPfx2kmhrqEUkv2jWLVVvrfbnYrQFCTv67iw2jHc4ro9N+Dtx4gkjXxNL5gMrtI0ccUIkkdsmQImccknLMTnORzX6Zl2T08FJ1acr6dTilU5Xys8R08Xd9DJMLaS5WSRi7wozAEYGeOmRVG98OaparJMFmMTdUaJjj6HFcdofxy1b4d38HhiWx0ifVZIdQg1iZdrtaPayyBMorlz5iKDyqld4Na/g/8AbInew0mLT47SwW8h/tOG3vomaYeUxVixEh2gENgEjK4z1rgx+QUcfVdZ1LPtYv3r6LQlsZb23WRfIZkzkZBH8639DtFsNJ0mK6mgtj58kcUckmGncln2IO52ZY+gHNUH/ai1m1vJNSgstKuJLhNreZ55jZcf3fNwK5Xwt44Pj74oeGLq/tVS50WC5ECxuxjlEsYjYtuJO4Ag5JOaMHkcMBUdSFS6tbYqF+qPpJvlubJB0VGP5Lj+tWy3pWe03/Ez/wB2M/qw/wAKnMw7GuzyPRWi1LAY/hTNw+0R/N8o5P5iovO9/wBaoapcSfZ7kQlVm8hvLLfdDFTtJ9s4oYHhPiCPQbj4X6Lf6pHd2uqyQy3VvqlrLLA0aS3ckhRHVgC7cfJySPavFf2xtSsNJ8M/Di18Kyalo9pqVxqWqut1PPHMZD5UZLl23qCynAzj06179dXV14X0XTNG1S+8N3mjafplmIrHUdNkuGguoogXmZ1kUgbvmGFJAHUV4p+05dePvFniTwnFpmlv4k1+DQftF5c6HHI1krSzyEFA3JyqDAY59q6Isd7HzS3/AAnmnWNneRa9qMIug/leVqrjaFxy3z8A5GPxr2SHR/CGrfDyTS5NZ1jUPF11bqzatPPKY0uCMkYZtrR9RjBJ9a8y8NfDfxFqmpW9/qrWMwyJZLK6umjV07qTH8y/TjBr6d0f4F+Ate0mzvYPDtr5M2FdUuJN8EmOY3AfIYYOM9RyK4MfUeHiqkoyaXYxnUV9zzD4TfBux8PPd3Os+K5xPNhYl00ywRhfV2UEk56dhW/4f+EHxJ8SeOI7ZvF8GqeElZmElvd20t15YHyJ5ciBgx6Z2kDk13s37N/hjTbhZdPsrq1T/p31GdCPxDUuqfDCfS7N7nT/ABNNa28Sl5P7UiS5WMAZJ8wbJAAB6mvJp5tgqsnfmi5fMz9tK7szjvHukah4f8Q3vh23n1CRV8tmhu9gdHKA4G1F6gjqCeetGn/DPXm8LvdaHqcGn6wtxI9wNSgjazitY2xJNI7LlApB5zgkYxmu98Faro/h/wADad4x1do9T1PUvNeFWJYZBZUb5vmKhQDzz0HFeNeOPHsurL/Zmrfb7PRdQZrye30sok0uWJV3LfKSW3NgjHXGOMfURw8XSjFSbt+Ic001dnRafc+LvGmjm50XULVdMtWkibX5oPKEzJ9/yoI+eD/e56fh5/8As761qGvfGS+ubiR7+BIBBfXU7gkq8qxxsB6byo9t1XvBmtT+GdL1Twx4Q8VyWPhfWVK3ULTtFNGeDlo33AOSq/PG3UDkVmeCZvD/AMN7/VYNK0+71XXr61a3tbkXJiSNSwPmFe/KDap4zz2FZwpShUb0+7YqT5tz6N8beCYr7RNZgjfayq6geiupAYHtjJP4V8meJvDvxO+GUKRaulzdaZJAlxmYrfWjRN0Y5DBAcfxAEV9U2PxEj1SOK5Zl8u6gVnXHTuf5kfhXFfHX4x3V74M0f4WeHLCXUvEWrLHbytCDu8je3lwqB94yHDFjwqrjjLGuyveyaHRtdpnlPwP+Lng/wz440e88V+FvtujQXYmuLGxmZEOeCyKWyjcg4RgrbQCvevv34leGfh94q8PaV49+FV9a3/hWTba3sFq7FrOf+DzEY7oy3Iw3Qgf3q/Oj42/s8+IPgde6Qmqut5p+qQbrfUI12qZkVfOhIP8AcZhg/wASkEY7cz4P+IPif4XX/wBu0u9ntI7pPJlCk+TdR5yY5B0YZAO1uhwRXk4zDU8dScZLXozSVNfM+ov2hfh1/wAJFocHiTRFI8QaGPNj8sfNNAOZI/qPvD8R3rmfDetweMPDul+IIggcv/Z2oRjjbIw3Rt9CR/48a7D4U/GDTPiZblIMWesRpunsnbOR3dCeWX1B5Xvkc15lrWgP8L/iDqGjxt5Xh7xIga2Y/dhl3bkHttk+X/dYV8zlsqtKqsLiFaUHePoc2t7PdHpfh2++xapEsnzRzfKR754rp/GnhN/F/hW5gtiqX0WLmyb0nTlR9G5U/wC9XAWt2Z7a3uVQo5xJgjlG7j8CDXqGm36zWFvMSSkoDqVPQ9x9c1fEMFhq1PHRRnKVndHI/D/xIt5Zx3oXCSpsmiY4KsOoPuDn9a9Bj1XTbezma5KpFjJLkeleV68reC/G1y1qdun6vm/hXjCzAjzox9SQ49mPpXC/G7U9Sk0e3n0+Z49Nk4lwTlCeg+nb8K6MTgIZvGnjYbtamnK5yVjhPiVeW2v/ABEuv7KZZo3lVFweCfT3qr460m40WOK3ukCTAKfYjFcjpsrw3UckRKusgKn05611Hj7WLjVPs81w+99gXPsBxXt4eiqNJQXQ9Re6kjiJFaW5UDnmvsP9mK1SDSdSmQcrbYYH6V8h2kTzaggQZOfSvsr9naFrXwZrsr9REQDz6V34eO5jiJcyR6zZzC18D6XHvCs4Y4P51iatJqD2ouFk+7xyeKl8UaZPceGfD1vbOySCPduUe3P86tW9q1npvlTy72Cd+/4V8FmsJSxsu2h5tnJmdoPi5VMiSECUHBxSa140aR/LhUzIT82OdtcRp1rer4pujLFvtjwvHv3rsLbR7XS7eWWRhhjwPT0ArqwWBlUnqdFNqOjCPTbTUIxcPxJ12n0rvPhv8M7nx1qCJDE0dgGG58HL/wD1qd8L/hNqHjK+iuLi3e204sGAYEFh/hX1WbrRvhn4eWC3SMXCrtULjJxX22Ew3slqtDCrVbfKmaHh/S9H+FOggARxyIuOMZrzDxv8QLnxBM7tIY7TOFQdW9qxPE3i271iR7i8ZiCf3duveut+FPwrvfE17HqurxmO3U5jhI4Fdk5KOpnGNxvwz+Ft14qvItQ1BDFaKcpGeh96+ktJ0mDSrVIIIwqrxUmnabDptusMMaoijGAKu1506jkelTp2V2Jtop1FZG58XNHtGe9VrgAKfWnapqdpp8bNNOsY9zXl/iz41aZo8ckds4nkAxwc160pqL948unRlUj7u51mqSJGpZmCj1NeeeJPGun6XIczKf8AdNeV+JPi1q3iB2WNmhjJwOea5SQ3F580rNO568Zrz6uLS+E9WjgJvWR1/jD4rNNGyWW4Z4yK8xvNevNSdjPcPj0zWzb+F9T1ZmjtrSQ7e7AgfSmt8NPEKyHNkzFugBFeZPH0b2nNHrxyvEON4U3YydO1CPd5YlYkHGM9a3bW+uoG/dztnH1q7oPwM1+8uVkmRLZOpJ5NeteG/gnZWYD3rNOw67jx+VebiM5wlD7Vz1cJw7jsTryWXmeZWeq6moBSYuO3PNWR4i1eJt55x3z1r3aLwfpVnFsW3Tr/AHRT18GaczBhbIe4+UV4v+s9C7XKz6T/AFMrtJuSPEV+IN6FxJCWI9s1Pa/EYBgGQgZxyK9u/wCEP06OEg2cfzD+5WRdfC/Rbu1Zfs8aN1OwYP51VPiqlflszOpwXVtzRkmzgrP4kWy+2a3NP8YWV+SfOEfuTVLW/g/bMrNaFo3A+6OlcjdfC3WbNXdG3AcjbkZr1qOc4XEr4rM8Wvw/jcJ9ls9Qsdc05p8PKshrbm1fT5wFVkyBnmvm66h1HSZP3wmifOckd/rRZ61qHmHE8g+rE1pUw8MQ1NT/ABJp4qrhU4Spr7j6MtbWK+uMl12VvpHZ2sQU7cV81WPjTVbXIWZunHPetOP4makrDzXL89M15+Ky2viLRVW0T1cHmuGwqc/Y3kfREbWipmMrUheJ4jzz2rwax+KUsbDzkIBroLP4qWs3yudh9D1rwcVkNa/u1Ln0WE4lw7Vp0+U9LvtPlu4xsfcBzg1Q/sO6EgIOR9eKxNO+Idjt3ef+Ga1dP8dWcshJnQgjjca1w2EzDCQdoponF4/K8dOPNNxZcm8Oy3LrkZx2zipR4bby8EfN0wTmrdr4mtpEykqE/WrcOqLKxKtzWc8zzGjHWnZIdPKMrxE+b2ik35mX/YbxxhZY1P4VRuPBNjJG6tDGDJ1+XFdLcagVUE81Wa9M2Fxgdq9TAYjF4p8842ieRmWFwGBj7KEryR5/q3wd0PUFCNZxn32iuXm/Zr8OXXmhrVASONowRXtBl2tgcmmTZjx0/CvrIqU0k2fB1VSptvlu/wAj5p179kuykgZ7aQ+aOg7V59rH7Luo2ch8tGlH+zivtWHceSpK5qTyRIxO0H2xXSoxTtc85+8r8tj4K1D9nHX7G3M6QyEdlGc1kt8G/FdqGeO2uGVeCwGf0r9DDao0e1olI9NtLHpNu3/LuuPpWEudr3DojTo81ql0fnp/wgPjGzjV2t3WNuhkXHetWx8M+LLHDPpYuFPIaJhn+dfeGoeCrDWIRHcW6lR0GKF+HdhHAsaIAo4HHSphKty3lEdTD4fn5adTTzPia11PUdL+W60G7Ru52E+tW7fxfp3nYntGV/8AbhGc19fX3wzBl3wSKo7qRWBqHwuuNxYWlvcEdmQV3RcmtUeXOmotpO58oawPD+qkO6QhjnjaVqo3hDwxd2oKIu/HGxhX0frfwptWjlm1DQrVLdQWeXIRQPUk8CvPNU8A/D+G10vUrnU10zQ76drZdSgy9upVWLNvYhSowRuBI3EDqQK05ddiLSjHm6Hnmi/D3Trcl1nZSe6npVHUPhikN4bqK+aVm/56Dp9K3/E/jD4OaLD/AGb4a1DWfFGo3Eywf2ssz21vZ5P3tpA80Afw7QDn73HN+X4b66sha116OZMZXzQcVjOhC/vRI16mDbeH7qz01mF0N46KOnH071z1tJrP9txzSxloEbO0fXpXs3wt+CfjTx54w0nTLqeG00KWcC81ryy8NtEBljk4DNxgLnkkV9eeNv2K/hrYWunxadqHiG1lEq/aL+a5gZGj6t8rqMH02Dj0NcX9m0aj+EHPlWp+dHi/xNf6hfRRxoVt4wBxwN3tW/8ADn9k34kfFjVE1LT/AA3ex2HBF3qH+jQYPcFhub/gKnpX6AeDPhH4G+Hd9HdaTpEN7cxghbi6iE0hPYmWQEjjsirUfxA8beJNDays9H0zWJNPuQ5uX8PS2wvEcY2km6O1xt35Gd3HHeuiOUUqOkWcyrXeiseMaJ+w7o3h/SWu9XTT9a1S5iMH2a9lmsbe2OR+/wDkBmlPBAUBQQTkjt7xbXdr4L8N2xt7U6lf6dbsxlRWj89lUYGGd5G4AUb5CcYz7V/C8mr23hFb3xikenX0G4XU7qUR8FsEAZJYqAdq55zjjFTXniPQLLwsuuavd/2JpsjBF/txW08tGTt80RuPN25wBlVJyCK9GlQhS0grGcm2fNP7Pf7a3xD+MvxystJ8R6Wlpo0l1vVLZWQ2wDfdkB+91weBgmvurVvE1tpt4ljC0VxqUvCW8bqZI+wcqTyAccHA5rz0XGgz+G4NQ8H6Nau+oFCL63UrK6jqbgBkfBKnqx4ZfeqWpyeLdP12aa/1ixvLG5tfOtoNLsRHJbyBsSFiJGDPgkrxnr1OK7Ix9nByqakyftJKMFa255z+0B+x54FuvD/jHx3410621PUp7O5vFvtGtpNOuYZkjZkaRhcPG/Kj/lnyPqK/Jqz8W6vaRqFvpmBt2tvnkJKxsOUU9QPbpX6k+A7DxxrfjHxxp/i+30i48M6gUsoILG7nffCwVXQ7mJeNoHLvL1EvAII214b4g/4JjakuoTW1j4njgu7m+zbCPTLuWxgtyGIQyBS5YHaAxwCAc8kVyRhKs/cWx388aK99ny74b+L1zpsYRyzW0MEdvDZr6qMM5OeSf5sT7V7T+zB8WYvFXxk0nSYtOuIJLpXw7sCFUYck+gO3r710Ovf8ErvH2i6fPdx+LdDvBFIYysNjek5GOcCI5HPBAOfwrG0P9jP4m/CmG+8SWt7o9/DdaReQukcd4s5hMQ8zYrQqRJtHAOM5I7UKFRQ55LQTnR5uRP3j618QfFvwroGtXFq2t/aryP8AdzRwWkpWJgc43lRu+oGOnJBBqpH8cfC0mG/tXZxzvgkGP/Ha/OLxB8WPGviTxzJe6nrV9dSPGqsxlIHlqoVAMcBVChQPYV9efs0eIPh58L/grdfFH4nSy+Ip9Q1OaxsLS5AuAuwkbYo3ITccMzO3QYAx3xhUhKXKkVOnJRvc9pT4zeFJMf8AE9tRnu4Zf5rWjY/Erwjq3+jNr9iskv7uN0uI0yx4AJkKqB7kivlr9o7xZ4d8TaFo3xC+Etw2n6FcXb6fqul7ECw3HlmSIhTkKHCsPl4yvQc1896P8ZtdvpbiFJ5oGQHMjxxkHGcA4T5fpms51KcW1a440pyW59y+JPiF4K+IVnqvhFviJPpOkx3Kvqumm1UW920JAwLh1AKkhSVVyrYBwRzX0X8M7fwlqmnjwyLLw7qc2moEudP1VI0vot2HUMj3CF15GCR3HtXzB8Bfgn8N/GPwBPjX4h/Fm00LWJ45mSxheBY7MKSAksLjdM7DB2LjhlAzXhfhrTda/as+MklpqVxodxdWOnxxxa3NZ+RPNBABHCqqpG+TZtxuBIA+Y/LVe0gkrx3K5Gr3ex67+1LpNl8K/jpef2fZ6fb2OpxQ34t7GNEjtiw2SRhQ77fmXf1/jPFe1fsLeMfDPjrV/FGh3XhTSbjXIbOCaa4vo1PmJHIycZ/u7xyOea+WdD+Ffh/wb8YpvCM/iay1tL+1cFY2QyWd3Ftk8tynyktGzYx0PBwRXbQ+JtR/Zr8a3HjjwSllqN7a2c0E0F4jPDJGcBtwVgegVsg9R9a6eVVIPmRjezSZ+lbeBfC0nyzeD/DpDf3Y1A/MLWF4q+BvgrxJoepWD/D/AEW7jurd4yImbGSPlyFX1xXgH7Kf7Xvxf/aUsdX1KTRvAvh7RtOm+zfa7iK5lknmxnYkay5wBgljxyAM9uB1T/gpB8RbX4yT/DjSvh74R1rV5LtrK21HT7+eCCddpPnK7L8qBQzEnptP1rjWGp25lFGlle3U8xg+HMd/4u8QaVcRW+jeHfDM32BLOGUtHGxIJiQk84csT9PavbPgp+zp8L/2o/hTr19feH5P7ah1e7sINa0u5MN1DCjbIRy+xgqoflZSPbnNfIGo/EK6SZY4rtriK4k+0z3LSFmnkJZnkYnrk55PJ6969Q/4Js/tFa58OR498NWWkWevyyI+sra3epfYifLBMnlsY3DMQc7TtHHWu2W1luZxs3dnH/tA/sSeLP2a9H1DXr8HW/CEcypBq9rIiTRtI2ESeHcSpJIXchZcntxXy5C2qeKPE1xczyNbXV067BD8iooAVVUegAAHsM+9ff8A8QP2i7n9vPxh4X8KnSJ/CXhHS5Hvr61uLoStcTDKhyQqgBVLKBjOXc+lfJn7R+maR4T8eapFoUnk280nkW5XONg+UsMepyB9SamT9y8jVfHZDfBniT7PYw2f2wz+Q7RNLjAIJ4PPbPfvivpL9mHQdK8YePjq88v2XXdNszFby5wfKLYcDJGGIYDPpketfOOveAfEPw90XRT4l8Man4bub2BZLeS9t2jS5iYZVkboSPQ/MM8itz4feNNT8P62t1o1wttfSxOInkXfGJCCPmHGR1/OnFqSSexEk1dxZ9iftafB3w/44+C94TqX2HVdDmfVLK4luWkjLv5aTI4IJYGNeACMEZ6Zr4o+GfhuDxJ4O1iZ4YL2zhby54/vpnvg/kQRin/E7xxqWqeJLHXPEWtIdYtwBBZSJMLTYqjIjGPLILDLHOf5V0HxO+L3gzwz8TtT1D4atDd+EvEulW6ajYLZtarZ3hO5yikLuAYsAwGMNt7VVoL4dBLna1dzgfGfwi1P4R+GPDXxF8P65Hc6bdXklqUSQJd6ddIxIjkUnLo6YZZAMHJVgD19stZNO/aM+EcsltHHF4qsVEz20RH+s9UHYPjgdQcD0ryXxre/avDukXyRW88AlFtOblAQYnIB/n25BORzXUfEL4W+KP2G/jlp9vfXY1LQtRg+0Wl/b7vLurRjgqcgfvIzgEeu0/xV5WMwsKrU4L3o6o01av1LHw01STVPDc9vcEm6tJGVlYc4J7/rXdw+NLLwfopkvWVY42Plr0yCM4/PNdd8UPgLqPw3t9I+IsV1pd34e8XKoMml3DPG0rJ5scgDKuN6hsjnDA+tee/8K5vfi+dO8O6VJajVbi42Wy3dwsEbMoJ2l24BI6epwKqth447DKNaJlypv3jyjxt8W7jX9Zt5kGy2t5xNApPRsY/UEiu/hjt/FeglN++zvotpHdSf6g/qK2/En/BOn426fA0w8L288YOA0Gq2zA5/4EKxW+Gvjn4Gtb6L440CfQ3vUe4sWnZZEkCkB9rISMglcjqM/jW2Gpxow9nFWRrUcdLPY8GbQZdH16bTrnKSwS7WJHUdj9DwfxpfFz7XRfur0wK9h8Q/D7VPiVrWny+G9NuNV1eRWEtpZx73ZFGSwHfHOfY57VC/7J3xL166l+0eFdY09Il3DzrJ8t9OKqUbGsZqVnc8L0Vlj1KAuf3e8bsGvtj4SrBa/DjWZbbIjYYGfoAa+Q7rwbrHhHxkujazpl3puoxOpa2u4WifaeVO1sHBHIPQ19g+AbdrP4W3Q2FS8yrt79QK0pR6mVaVz0XxNMLHSNIIbaywAAt9K8+1fXNQ1OZYLWJgTyzZyuK734kaYt9penRBjH5ca/MvbpXJxXS6bClnax/aLmT5VCjJavDqZf7TEupPYKdox0IbGaaxj2SnzJXHXGMn0r3H4I/Au88UXUOr69GyWcbb44G6fU1e+CvwDlunh1zxAMhfnWJxwtet+MPiZa+HbUaXpKqZMbfl7du1e/QwsKXvJWOSpPmdkaHi3xXpPgrTxZ2CIsyjaAgA5xXjereJJrqQ3V6zT3Dn9zbg857cVR1nWGEweXdd6lcNiOFeTk17B8GfgpJNJHrWvL5k7fMkbdFrpqVOXQmNMq/B/wCEV5rd4mta6mF+9FCeiivpOxsYrKBY4kCqowABTrOzS0iWONAigcADirIrzZzcj0adPl1YYpaKKyNwooooA/GXXvHGr69IxurthGeiq2OK5icvcSBVUyOTjA5Jq/YaXeavN5NtE0jd+OK9W8G/DmLTfLuLtVknx6d6+ex+aU8LHmm7vsfbZZk9bGS5acbLucH4V+HF9rTLJKrRRqc4Pf8ACvUtG8A6fp0ILxqX78da66xsFiz5a+WtaEelpKc55r85xucYjFN2don6tgMiwuCim1dmRpuk2/SKEL+Faa6aIyCYlOO9aUVmtvgDtViNQ5APpXhOc5bs920I6RWhnrAiqcADjsKjSIliAMk1ozQDdnOKQukGMcmlbuaKStoisbEsAXHT0qeR47WIfShpnZiSePSoLpxKMZyRRpuGsnqV5L12ySPl+lU1kkZmIFSTxybtijg96Ty3iUIo5PU1JrZEKt5JPnHd6U8SJIwGAQe1J9lPO7Jb35qBYnjfHbtxUpyTK0tqMvNBsbyTMlukufUVh3nw20q+bb9mRM91GOa6+1tTIoO48danNqeuehrvp4zEUvgmzz6mBwta/tIJnl918F7TzMwysvHrx9KyNS+C9zEv+jXGX9xxXs0wZmG3gYwajbd6ZNenDPcZTWsrnkT4ewFX7Fj561H4a6vpu5jH5qqOxrn/ACZIZGWSF1YDn5TX1DLCs+NwB9apSeHNPumbfboV6njrXrYfiSVrVo3PCxXCcL3oSt6nzK0g4GGUe1L9okVvkmdMDsa+gbr4faDdRyKbZFcj7wHNcJffBm7+1MbacCLn7wr38NnuFrXTdmfNYrhrGUNUuZHBw6zqNq3yXTHHbORWpZePtZtfuz59K0NV+F2p2MfmAiYjsowa5O5tZdPmKzRtG+e9ezSxVDFRtGSZ4FbB4nBy5pRcTsYfirrG4eaN+K07P4wTBv30HHuc151DIfvHPPt3qfziVBMefYiuuEvZq0djzqsHVfNN3Z65ZfF6wk++CvrW7Z/EHSrogNPsPXDGvCY2RgcoB344/GkkWOSPIDK2fXjPetfbanP7C63Po638VadMoWO6jb6mtC31G3fG24U9+DXy3G0sDbklkTcc43HitG38Saja/Kty2MZGTTvF/MlwkrWex9TW8kT4KyA/jWhCq8fNXy7Z/ErVbbo7Ef7Rz2rXs/jBqsbKGUuM8iiVuW0NxQi+dOpqup9KLt6D86d5oVwucV4RB8eJrNVMtqW+grYtfjzY3KAy28keep5yKqjUcIpTdyMRRjUk/ZKyOx8RfFzwv4Y1iPR7i/kvtZYqP7N0yFrq4TdwDIF4jHu5WvF/j1+2DYfDyS/0PTLqK08R2d1Ja3Nt9mN3NDscqT1ESkgZAYtjPIGOeL8X698WPit461mLwh4CtVNzePEtxeSCSGZWdVV4oHAXIG3MhVyMkkjt86S/Bvx3qnjC1uNd0y6s73Vb518zUsyT3B3ne/lrl2XOfnIC4wc4r16sfZwU43bZ4VO05OMmkl53Oi+JX7Zfinx0Luz0+zhsdPuYUt2+37b2Zgu75sFRGjNvOdqDov8AdBrySz0rxn8Udft9JtbPWvFOsKixwWdvHJdSIo6KqKDtUD0AAr3rWvgb8L/A+n60t34vm1jxTDcItrHp8W+3VSiMxxGxXcrF0+abAKZAYEVt3Hx8vNH8PaTpHhbSbTQ4tPikiGonDXVwJNm8uECxc7F+Uo2OTnk15NXGU6dvazsdsaba9yJxf/DJ/jnwZ4Wv/FHiiy0/QtMYbIbG61CNL95ANytDAM+YVAO4A527j2r9Cf2T/hvZ/Gb4K6Lr9/JbQao6+VPOsCzHjO1lVvl3EYOWBA9K/NjXvFmu654w0zXdV1m81S+hkDpJfTNMQVO4JgngNjbgcc1+of7I/jSy8F/BATaRYXfiS3aRPsljp7RiVgYo2QOXZVTCvglyMYPWuvD1KdaHPS/E56ylF2kep+ONCb4d+C9Nh00yTSwzMIrq/wAyOCYzlgWHy8qo+RQABwK+M/hn4k+Jfibxp4eaS28TXmrPfuviIaqWNgISHCiNmxHGCfL2BDk5wc19r33iZfGw0ixvLe1sr6W5GLGzIughYBQDMwC7hk5KhhgcV1Gs2OhawtxpWi+ItIn1/Sk3tp0bQSyQkDoUBLRk+vvXT7VR3ZyqlKV7I84j08w3SRXKSrDk+bcLhIo8YyC7cE88BQefatLwyqahrEtjo2n22t6gIzIjSMYIIIgwG9pGDMTyBhV9cetchf6hJfMZZpHkkPeQlmHtXlXjL9ojw/8ACTVoL2TUZ5ry2kAktNJkL3WCcEEKQB1zhyAcVMsQpPlirBToOOstTovjp8TvEvwz8aJ4NsrO2tvE2qxm50+104uy3zHIUCX/AFgPBB+6VHPTmuQ0z4YwLbvrPjm6/wCEn1m8tljutCnna40y0kGGJ5/1rnC5PCZHRutangXwaug3F/qklzdz+Itbka8I1Rg9zpkEo3G2Q8/NkneQcngdFObuut/ZcEmIPMiYZKb9p3AHqevNc8qsk7XOmNONtNDo4UJ0q3Z4Y4yYlOyONURRgYAUDAAHGBgDFcZ4outPi0rxPNqT3kOnQaNcPcPp8nlXCx/LnymH3W44PaumvIo5NMhby1DmFTuVip+6MZKkZx+PSvJvBK+LdN1b4gXcsljqlqlnH9ht9Z1NTabDKol8xhkouwMcnr0qJXlJNFx22M34H/GCw+J3j6wsWTXrCTToZLi1V9cmu4JxsKFZ1kHzMN+4EdxX0UuFX+ECvE/AqaNO+syfDjQ/CcTvp90J9Q0XVXlnhuvLPkIqSxphC5+9yOD0r0HQ9L1i38OiLV9RvH1QRfvJRcA/Nj/ZGCM1Wt7JmTtudPNKegJHYc1zHiZ2bapkYjqQWJ/SvhLVv2qvifY/EDW9Ki8UyCwtb6e3ija0t2KqjEAFtmT071bm/aQ+It1hpPEIYnoTY25/9krzMVioUHyTbO2lRc/eR1fx6+FPh/S45dQ03S4bS/mYtmHKozsf7vQZPsK6eH4F6Z8QP2c/APhCS01qGV5JtSjv9NsDdQWrlUL+eAwKhvM+UjP3TxXzv8RviB4m8eaLPb6xrUk0G3DJFDFFuHoSqgmvqTxB4F8afFz9nX4fDwkN2+2+03ulpceW0ilAiP1G5VKng/3qvCVqdeL5RVouFrnlPxq8B6L8D/2b4tA0i01SS8bxXbpeXWt2TWv2h/s0r7okJ5QKQAfXNeQfCfwdJ8WvHF/4ZCq0UFlJNHuufK3EFVVMsCOWf9OtfVHxW+Cuv+JfhH4F8MeKtQeyubPVJJwtuBN5CiEKkbZPPU556k+1Zn7P/wAJZPgn8arXWNPx4ke6gmimt72LyYimwsV+Uk9VBz2wODXVyx57y2JUny+7qdL+yj+xF4S/aM+FN5c3ninXNG1XSNRkgk06D7PLFG4QKrgsu4E7WU8/w1vfss/sO2WteKtS8R+HPiRq3h7xLoV5G0TtpcU6chvvI7YYZDKR0IFex/sk6NL8NPjZ4wmS1a20fxJG139jh3MIJQ+/C889W/P0r2v4feANG+GfjjXde06G5so9SZ2lRLeSRZNzF+mflwTXVTUZxbj02MpScZK/Xc+UPE//AASn1DwzcXXjHSPiU19q+nrLqK2h0ZYBcyKjHywUlwu7kDggZ6V8y+G/ibDp99L/AGjEt3Z3UMkE0UnJKuhX8Dg/pX7H/wDC0vD5cxy320g4ZWt5F+oORX4gfGjTbfwZ8V/F+iRHFvY6vdQxcbR5XmEx4B7bSv4VvTcoxakiZqMmrM9p/Zz+FvxD+F9q9r4c8ReH20HxRZqftOqrcskG4bo5v3QDB1JHtkc1t+M/+CYvxa0TUtY+Iq+PPCb3Fulzqsws1uYBt2O8ixDyyFBUsAvQA4969T/ZRm0/x18BdEm/tSza+0uSbTprWdHDIEbdH8wGOUdfwFfRB+IrQ/C7xH4f1FYtraZdwwStI+0qYHAHCsev8+KuVP3VybGcZpO0j8ckm8zSbd1PDWrY/h6hv8/5NYPwu1mbSfEcd9ExXfG1vMNxBIYFT0IPcHj0q/pN1CtppIuGJtwqpJ8wBEeRu+nBNafxA+G8Xwg+MHizwpFqdvrFnp11st7y3lEqyQuqyRkkADfsdQw45BrNvqjbl0sdF4L1jU9FM6Wkkp1S8laMiLJkYs2CB3JZjwPepv2gPgz8U/hJrvh7U/GnhmTQYyyz2s0lxHOhMbA5DISAwwp2HkY75rsf2UdW0y1+Nfh/xLq1o9/p+iOLy5tY13PJKnyxHHoGKuSeMpX6u/FTw54d/aE+Ft5o1zpltqsd1D59hI08Eyxzgfu34k9eDzyCaiceey6DVlr1PzO+MPiT44fHrwDpUl14P8Q6rbNaRzyySGOeyM5LhbmAB2IaSFgCCBsZcr6V86ztqXhu+mtL60l0/U7KUGW2uEKvGwxuBBGfQ/8A66+2fgH4P8X+F5tS8J63eWttZabO0dnHbysE8vJ3RqoO4bWzjk8Nx0rxr9rf4eajaX9t44kjt5LaSX7FdfZQxO3kQs+epKjbu9cVrKm4rmuYxqJtwMDSZNG8RLDBMLcJdBbhIbxA8Mhzk9fukEVsfCX9k/w/4v8AjpZWHinWbfSfDF9DdOba8kaLM5iYQJDKOCDIyNyR/q8c558r+HNini6YaA+of2bcwu01lduu5Rkco467TwevGfwr13SPGWsfDlrXRfHekrd6ZfIz20jFXWVFYqZIZBzwQRtOCO4ospbgm4Ox0H7Cq2X/AAvbwNouqW9tflbq9guYriNJIyywSqG2sMZDxhh6dq+9P26vgTp3x++AOr21skc3iPQkfVtIaIgu0kaEyQjAJIkQMuB32ntXxr8JdW8M+C/ixo3j6G2m1nTrORxMbVwt0EdGT5lyNzKGzngnGM1+hsvx48Aab4J0/wARR+JbWXS75jFaeZKFaWQctEQRlWAPIbpUVIyjJSRpGXU+AfgP46X4xf8ABPbxj4VuIjd654Anjv7USMAy2/meYG55+VfPUgdsCvCtIv7a5lWO6eT7GxXzXiIEgjJAYqSDztyR74r3j9nnwgvgX9s74qfDWKCS08PeOtFvH01JG8sNBMnnwsp29g0ijA7H0r5d8yXRdSudPuiVuLSR7aVDx86MUYEdeoNbXsrEO8kfe2p/sQ+JvC+nrd+Ffj/rkNnIglhtr+EzMykZUDZMM8dwK8x+Nn7L/wAYtU8ANrWp+OrfxxbeG45L+KzdpEm8tVxLsR3PPljOO+2vaP2e/Bf9rfA3wz40k8SKi+Q8cllPciLc8TMnlKzMAGIQYB9u1d94c8VeEPHWlWWtrqNncw3dlsFreSxK/PDLIjENG+Qyn2JHTBrlqOrGVoxbS6nBKrOM9Y6H5eeCfiFqPhDWbLWdKvHtL2zk8+CaNuQCCDg98gkfjX3x4d0v9p/xH4dsdW03xXod7peo2sdxbtLvYPE6hl5MR5wR361+f/xe8Ft8LPip4g8NRsj2lndM1m6OGVreT54WBHB+RgPqDX6K/wDBMv4xTeLvhre+C769D3Xht/8ARrdly5tZGJQhvRH3rj0K+1ayk7abo61FSa7HmvxQ/Zp+NnxLutM1fxh4J0fxXe6XC0NteaXqUcF0sZbds/g3gHJAbOMnGM1574hkn+GWkppHizwr4g8GI8okSbUrcyQuVIJAkXgj86/WRVDCsfxV4R0vxl4fvNG1a0S60+7jKSxOoPXuPQg4IPqKxVZ31Oh0bqx+Y+qeMLTx3axv4euI9Ti2BStu4LocdSvXHuBXuvwL+CNho9rFrWtBZZm+YeZyE9hXlPxM/Yxg0/4i6nBZXz+EruMCey1KwjxFMp6O0YI9Du2kYOevGeSh+O3xF+DsTaB48VtY0BX8iLxBp/zgdhlsd/R8H0NdUFGT55HNPmiuRH1z4++JIj/4lOhj/ZLIOBXlGoXctvdJa2qm+1mfhVHO3Pc1T0HxPa+KtMtD4Vf+1ri9485Bnyz3Ddwf519JfBf4Gw+G4V1PVF+06lMAzOw6Z7VpUqpLQzhF3M/4L/Akabs1jWx9p1CT5vn52+3tX0FbWywRqiKFAHAFOgt1hUKAAKmHFebOXMz0KdNR1YCloorM2CiiigAooooA/OCz8JRaZgWtuiA+1acelyxoHfkkdO1acdw687DjP505pjMcAYFfz7OpKo+abuz+qacI0Vy01ZFO2t2WMhgAc1N5Mix4TrSrHIshL/d7YqOO+k+0eWqZAP3u1ZGru9h7R3CqASTUkYkHAODVmSXdGAB81Ref5K72U59KvQz5m0JJHJ5fzNVVo23ADk1pLPHOoJ4qhrepWug2Ml3dOqRqOFJALMegHvW1OjOvJQpq7Zz1MVTw0HOq7JDtpVcGpEt+AdoJ659K860z4txahremxstumizz7bnVpHCW9nGGAZnkJwTwQB6j2rxfUfjp8RbfWJ/smpaesOWFvZ6jYqpmXccOrZVsYIHGenXmvqI8M4yPx2u9lc+OfGGXz1hzWW7sfV7LGuN2OvrTGjiZgBwc1836H+0R4zjkkXxH4V0+OFAuLm1mlRZc9cBgRxiuy0/9o3QZ9outPvbVuu9Ssqj8sGuGpkOYU7/u7+h6dHiTLKqX723qextbwtwePoaqyQRwyDA3Z61xlv8AGDwzNKEk1I2cmAdt5A8WOM88V3VjKt5bx3KMs0Mg3I6HKt9D3ryq2Dr0P4sGvkezQx+HxGtKopfMa3H3FwDStIqqB3PJqX5XLdj6VG9uZMHHHtXHY7U11IXjfgcYNVZpPLXbn5z3xWo0bLGM84qu0atJkrn3qS4yRlLDMW4Gc96bNBcQsCDw3GBW3HBu5z06UvkozDcelBftDCjtGkfAHbPNWYvNVdhwauSyqr5QD61SdwGO5go9c0bFL3lqMkjWVWVu3WsjVPB+mawVMtsjEDritEBWywO4Z4qRbyOEjIz2Fa0q1SlK9N2Mq2Hp148tSNzjbr4P6ZMpaBTGxPXPSsa8+CcsaZt7nJbs1eoQTuvzN+Ap73XmfKPlI716tPOsXSfxHh1cgwVb7FjxS8+FOp2JwDHIMfr/AIVj3ng3U7VWL22R1+XB/SvoJl+QkvkdMmqLQJM24qCAeK9SHEVdP343PJqcKYWavGTR86Xmn3FvgSwPHj+8MVVVdrAdRjPPevovVNPg1SMQPCpU9eK4rWPhXEzs1o+x2OQor3sNxBQq6VNGfMY3hXEUVzUXzI8qa3xnjk81NbRMzJHGjSSNwiRqS7d+AMkn6Vo+IY9N8KNLFqF9mVOGijQgAjnBdsKD7DcfavLvHHxti8FEXei6ZZ6rFf6e1lc297JL+4Pmq2TgIWBwB8pUEH5uMV9vg6VOu4yrO0H1PznGV54ZSjSV5roeuWXhm9v9MutQjSNY7K9TTrqOVtk8ErqWj3REBgrY4bGOfqaqaNf2ularp9/c2jX9vazRzvaIRmdUYMYxnjLAY59a+avAvxi1HXPjRoms6/eb4bi6hjeOP91BCqqY0VUHyhVDbR3ANev/ABi16fwN4V8C6rp2qloPEulS6hvj2wiILO0KjeTuJOwkgA4PStqtKkqtqPwrqzjpYiq4JVl7z7Gef2ptX1bxdLq+nvdJHZyE6fpsh+zWlqpLGMNHG2+faCQBJJtznIPSuO8QePvEPiixtbLU9XnuLG1jEUFnnbDGijaAEHB4AGTk4A5rnfD/AML/ABLealZ6ta2AOh6r5vkXjygRnY5U7jjAbIJ29SDW546+H+t+EdGa+mfFsW8tJo4ySWALEBWwQMA8nHQ8V85mGOr166o+10fmfRYLh7FPDvEwoe6tbmDJdR26ZkdYQB/HxUNvKL6/trVHhie5njgWS6k8uNC7BQWPJCgkEnHSsfQgdb8oyzm0R1Je8aIyIhXscHPP6ZzUuqaJPptxLY6hiOdcxyiJw4OQCvz44wp6/wD6qKOXqL5qup41Ss9kdN8UvBWq/Cf4nXXhPWjbXbQxR3FtOkR8m4RlyGw3owZceqmu6/ZG+Ik+hfEy60a6uGeLVYw8SsSQssQwFA7fLwAPQVyPxe+IWs/F8eEhe2VnDfaDaC1l1hSyveDapOUycgMrMG4yXbiuXttDtlvEvJEJuUfcrLIyBT6gKQc/U16M69DC+7F2RyqnOorvc/VG3+JWh+EvEnh661rV7XSknu44R51wscgL/uwUUnJILgjjtXAfD/8AZw8afDX4teEr/UdQs4tK8JXWoTXOsw3EUlzq3nTu+0QpmUuyFFcScLtOCc18BNGJrpppWZ7g8eaSWf8AAn0r798ca58ZPjV8A/h34q+D2pLpV/cI8fiWSxPlXU15DtiyZFBIX5S20DB3gn34qeO9rJxgrG/sLJXPIv24fEnjPwn8WL3Q7fxBd2nhXULaPULG3s/3AeNxhgzKAzYYZ5PG4V5Z+yF4J/4S34yNfXBuorLSYTqN5aybvJuSjbbf6gyEE9fukV9EftnfDvxlcfs1eBvF3jSSG98b+HWW01q5iXBaGY4EjKAORhSeBnDdM1gfsSeHBpPhXxdcvObt5L+3s1mYgny44y+MgnjMnT6Zrso88p88np0Mp8sU0lqfRclutwshmy8jtvMh67uua5jxjLP/AGc8cjea4BCS9zx0b1+tdU0yJgE89q5XxxNdQaNey2Nol9epCxgtnlESyvjhS5BC/XHFdhziazpXiKXSB9j8R2qrNErLHf6QJfKBUfKGjlTcB2yM47mvKtD+Gen+FfC/xGTxh4sjSx8Qpa2j39rpzwfZ5HlbYNod9wLBRj0Bz1rqLf8AaS+HeqWK258UWen39uqw3Njd7kkglUbXQ/Lg7WBG5SQccGlk8Wan4o+G/jO8+Gd9FquuQG3jjeyYM6DJL7Cej7SSv+OK1dRyko20I5bK7OV+FXwR0fw3/wAJZoNj8QbXU/Eer6PLGi29tJtt4GIXznUkFsMy8bh7dyPW9H8N+LNB0WPTU1Lw5L5ShBcm0vFOPUp5h59t2K89/Z31rx3o+i6/qXxKubuz0aIJ9nu9efEkRL4YCR/mCElODxnpXpP/AAtjwTc3aW0XjDQpLmQ7Y4F1GIux9Au7JNW6nI7E8rlqfL2pfsG65Jrl9rUXjfSbi4vLiW4khlsJ4wrO5Y4YFs9e9ZN9+yD4yswyx6roM69QRLOufzjr7HPizRmXA1ixBP8A08p/jWdea5pUjNs1KzfHULcIcfrXmV6NOu+aa1OmEpxVkfA/xG+CviXwdpM322bTJRtyWhuG9M87lUdq9a+MHxKuvgn4K+EcWkeDNP1rXpPDyRjWNSSWWOGIMCYI1V1G4sSxY9AR+G78dNYh+120Vrd6Q15NJtt4dTmQQykD5gd2QeD09ceteteJPFVl4P0nSh4l1bw3HoS6XamDT9S0hrqSCbYd8pYSJ8pyMKATgHpXXhaNKjD3URUnJvXU5jw94gs7z4e+D7my0ODw62r/AGnUrmy82SRVlZo1dkLknaxAIz0GMV13wvm/tTx5bH7KvlQ2lxMbhT8rniPA79SefY1jeMrrUZoPCt5dzabqtxLb7Fn0qF4LVkluTsKK2SMRgHHqPxrW/Ztnl1PVtUllTC2tm0UfGOGnyePwNZ4p+47F043Z7PZzNY6m08Q2TIAAw6jIatK68Vaj5JAupFOOzsP61mf8vU3Q/MB09F/+vTbpcwn37VOFlKNJJEVYqUrsw9Q1i7eQtvy5OSxJJyfWvgn9srw1cR/GR9VHyrq9jFc5GfmkQeU5/wDHE/OvvO5hDSHivln9qjS7e8uLC+kdWuIdSntgv8RhMaL+QdB+Le9dCqTldJ6kxiovYx/2HfiNrXgq98SeGbTULi3ttQhTUYo4pCo8yM+W5wOvyOn/AHzX0zeeK9Snklkuna4MgIkZs7mzwcn8a+B9F1JfDF/aXsVy9oYbkxPLEoZ1ifKnAPB4YdfSvovSPGGmz6DY39xefYRcx7gt5P5bHBKlipbAyQapyrU7JsbjCWtj4uuIJrHWr3R5E2vY3U0J3DurlefyFYWoXU1rrcokLEsNrFiSx9zXpfjdtL1P4yeJ5tLmWWzuJd4lUgoZgFMm0gkMN2SD3zWh4M+HVjq/xGtb7UvLk0uG282eGVhiVwcKv05yfYVVpp3voVpscl8P/Ft/4M8S2WsWi+Y0TfvbfOBKh4dPxGfoa/Q3w/4g8PeLfDNje2Gl6dNa3UKvHOkbpKc/3ir43A5B46g18DXekaeuuX8Gj3H2qzhlZYmYfNtzwp9x0z3xmvUvhL48uPBN19gmupIdIu33A4BFtP03HI4VsYPoQD3q4VJtO5FSCbPp2DRzZ3Qkt/lweCMf1rp/EVjpviv4d69oms6dHJb3FhOskyu4YbULBguSNwKgj3r5+0n48Xtxq8pjFi+iRTKkmpSXCR4XHzNs25OCcfhXsXivXbjTvg/4w1YsqT2ujXzoyjA3CFlU4Puaz9tPYXs1ofnXuvvBfiNYbkbL/T5ACVJKspGcj2IP5GvuzT9AsfH37Nen+Lbyxi1TQ7Br/wC1QupPKRiQjI+ZGGSwYc1+dcOtX975Rvrxr94FWFXlOSV5AX379a9f+Gfxi8ReHvh74z8Aaffypp3iOyaNYGkxGX4ycHjcVDL/AMCraEhyj1Re+FH/AAmt14T1rxXo+mXN1o2giH+1L2DaVt1kztLr1KnackAgd8V6f4H+KFpDrWk6wllaXl3Z3Md0bG9XNvcMhz0B4yOOP6Yro/8AgnjFqOhWeppqvmNoXiUzQ3FnM5SNvsu0xt0ODuaZTxyP02P2qf2cdO0+7fxX8MtOg06KMbr7w7YzNIhI5M1vkccfej6cZX+7XZGfu3bOWSV2keq638XvDvxO/bA/Z/8AH+hRSWl/cedoOrWMw+e1chvLDNjDKRK+1h1A6A8V8tftieHT4G/ag8faeAY4ptRN9EB/dnUTfzc1mfDn4tNo95ZX0dwbLW7C5jubS6wCBIh3LuU9eexp37Wvxch+NfxLsfFI0w6ZfzaTbwXyLKZI3njLKXjz0UgrgHke/Wok0o36G8XfRnsX7N/iLV/F/wAG7vw3bLLeRaPqckog34XbcIDn2OUf8z61YXw1fR3Sw3ayBI5C2Co8yIk46ge4rmv+Cd+qI/xY1zw/dPKINU0ppVVZQgLxOG7n+6zfrX3rdfBXw5eOzGzmDNwTHcf0Brtp1VyI4KkbSd0fmh+0J4TW1/sjW7e2kjXZ9iufMx97LFCcdvvD8q2v2F/icPhf+0Z4annkWPS9YY6Pebj8oE2BG2f9mUJ+BNfcXxQ/Zb0Pxb8NvEek2NveC/lspJLPncouUBeLjHdgB+Nfl1YxSw3EMib4J1IKt0aNwf0II/MVy1Piv3Oim1yn9BEfTnGaefmBryv4B/GKy+KPwj8L+JJZ/wDTLq0VbxQhG26QbJl4/wBtSfoRXoP/AAkFi2dt1GD/ALWRXA4tdDtU4vqcx8WvhynxC8NvbRy/Z9Shy9tNnA3Y5Rv9lv0OD2r461DTbnULy58H6fp32i9kJgvo7mPcsfYq4PBPtX3gmr2jfeuoSf8Ae/xrCuPC+iza5Lq9vFb/ANozhVmkQgmTAwCfcDjPsK1pzcVZmNSClqj4sk/YO8S+Bbe28UfCjxJ/ZniCDEsuhX8hFrcHriOUcxN7HK+4rsfBX7cl74F1q38K/GPwpqPhXWwNhuWg+V8cb1x8sqH+9GfwNfYFrDsUcdPasvxl4C8O/ETRZNJ8S6LZa7pz9be/gWRQf7wzyre4wfeplJbMcYW16jvCHj7QPHdgt7oOq2upwMA37iTLKD/eXqv4gV0AbPcV8leJv2G7jw5df2n8JvHGpeELqM7otM1CR7q0U56RyZ82Ifiw9qy7f9pL4qfAV4rP4w+E2utLDCNfEOnkPbv2H75BtBPpKqE+tTyp/Cy+Zr4kfZVFcX8Nfi54Y+K2km/8O6kl2Ex51u3yTwEjIDp1Hseh7E12Ybdioaa3NE09h1FFFIYUUUUAfCEluV4UgipFtQi53D8KpzSPtDAn6Co1up1+992v58uj+qOWTW5e+z5ySc0rW6pjaBzVNb9twxyverC6khkwQcUKzJcZIeq+XJkrUdxCJGBJwv8Adqea4HUcjrTVdXjAx70aE3e5xnxD8STeHfDrPaRPJd3Mq28IjxuLEEnBPTgdT0rw6fxHFN4mtNJu70ap4n2PONMhuD5FuMAGSZ8EgKDgcbmLcL6ewfGbTxrFlpmnwvdibzJLgrZMUkKhCmd45UfOeQQfeuU/Zf8AhV8N/Dvi/wAQ3muWkGnrp6wrcPqquUeSUF1J3ZMpwpwOVHzE5OK/XOGIU6eETaXNJ/M/E+MJYiri21f2cV52ufMPxK1HxZ4R8ZeH/EXiAWuq+D9J1SC4bQ9ORoLZVWUNjafvE8/Mc89eKP2gvitq3x08GW9xBomvahbLrd1fwX1xaM0EFu0aKkKOoIJ3GQtzjhfw+1f2gPB/wYvdS0LVhqGiNpMcm+4tbNspexhSCslunI2u0RDYAbJBzxU9l8WPh/ZwwWUfiTS9KRQI4bWaT7IFXAwqq4UAY9K781x1XC1EqdLn637Hm5HltLHUnKrW5FtbufMnw4+JngTwV8NPCOk6XDpuo376f5mrrqFxJBdJeGR/MQgsMALsC44xz1JrrrPWPCXjSb7BFokmj3t1DO8eoJex3FvAUheUuwkU/KNnPPevoaXSvCnjaIb7HR9fhxwTHBc/rzXEeIP2afhXrSyLc+FLW0kbgnT5JbUnt0RgO/pXz0M1pTnzzoyi/Jn1M8irwp+ypVoyXS6R88fs9+H9f+Nmnz6vq0enWumreC1eW0SVZpB1dly5X8SDX1jq2rWnw31zRfBslzvMemPfRlxgzRyXMmSO29AFBA7EHoeOd+DXhGz8AGXQNBQx6EuoEQQz4uMAkEktwckknrwMCp/2nPAo+IGveGEXxNceF9X0y8iGn3FvZieOeeaNI40b5gVGM7hzkOfTn0aWKWYRqRqaxlolY3xuS/2XTpSoJKrFXbudvJCjbHSZXWRdysvf6URlkG0mvIvgj8WbHxxpriR0t721lNpfWuf+PadTjv1jYglT/UGvYplGQMfN9K/P80wawVTkUdD67JMz/tKj7SUk2t12FWZQpHY1XkkAzTZQVPKkgH0pHjEmM5+leEz6eKRH55X7nIFMFx5jFT8pNPlUIQoGOKiWzZmMgOfaka+7a5SvGaCYAHIJq0trDPDtc8t71ejsxIcyRZqQafFvHBz6UWE6q2MxdMSNNqt8tMayWPHAI/vGt1bVV4KkD1qO5gRo8J0zRYz9rzOzKTW8flgZ7dqh+yKMitFIBGu5/SoZCrN8vOaVu5cZ9jNupFWMRj9KqTR+YAIz06itSSEnqn6U2OwkySFp2KuluVFhWOMMOtXIbVGXzG5I7VaXSz5eWbBHamfLHuUIW+lNLUmVRWsmfEv7bFhqHgvxjaazbiR9P1eLCsGOIp0wHTPYEFWABHU18qSalJq0xW4LOXBCBWxhz0z6iv0F/aouPCfif4a6rot9q9s2sqfP0+GNxI63CdAcfdBUlTk8AjrXwfY+Dpre6d5JgZLSVRKsIMiq24fKWHfqcAZ47Gv2XI6lSthYqrFprTU/n7iajRw+OlKhJNS106PqWPCPhedta02fzo3MM9vPLHGGbylMigb2A2qT2UnJyK96+I1jd+JvgP8ACu+tLW5uJtIvdZ8PSpYW6yyL5d15yjcf9WNkvXpXkLrcWWuC2WaExwv5xSSUS/aJF+YBEX6YDPjr+fuPgmR/iX+yf8T7D7HPevo2vWPii3hjkMURimjMNyhf0UgEj2Ge1fSqKtY+Mk7anY/CeW40D4VaSquY4JppyYmlWZo5A3zLvHynO0nj36Vn/EZR4s8H6lZtDcTb4Wkim2tt3LnHzYx6ivO/AfxC/sn4UXWiubOJdP1L7SsFi5kCK4+ZDk9SDJyDj+VeZy/Ea5bWpY9Nub2xvoyTHdfaSxY5OVK4xgg4IFfFYvJpVMZ9YhKy0Z+x5TxlSw2VLBYiPM1dfIwtBjSTUms5H2u2HVlzg4A98ZxXbLp8CMjFA745Y/MT9TWZqHh3UPEkema1pMXmXZuJVFvEpzIWk3BI1AzwSwAPOD9Kpv4ku7i6hijiihV3Cgu4y+Wx17D3PTmvSxlKvJpQelj8yc6cpycVuzoWwSqj5ieAMZOfQDvXW6B8K/EeuRq62Rs4COJrz5OPZfvH8q9x0nwpongm3zFp0VpcKMPJgO+R1zIc5Hvms24+LmjtqX9mWFxBd6i4bFrbyq7cAklmJ2qAAep/CuOll9Spq9iKlVQdjF8O/AXTo8SajcyahJ3Qfu4h+A5P519b/ss6kPB+j+IvDVmbq0ijibWLW10xxE0zRptliH+8uw56/LmvjeP44f2P4zg0iaS0nE6EmaC5MgiYHIVjtC5x6E+9e1fDz4sJ4N8b6Frok/dW1yjShRjMJ+WRcnGfkLdPQV6EMvcNUzn9vfc9N8O+PtZ/aQ0bx34C1bwZDpMutaVcRxXkKzEpcIMwrI0hPmEtgbhz17V5F+wvfbvhv4lsJZhJd2OthZ1K7XVmgQYYeuUI/CvrH4qfHnw38KtTttN1if7BfXg+1Cbw3YoT5IbKPI7nuBu2KMkZr5u0CSw+Hn7WvjTRLGeFfDnxAsIvFOgqibVdm3SSAH2JnGOvyiujDtxfKwqq+p7aWGwgqrH+8a85+MGnw6t4N1Syn0Y+IFkhyNN+0fZ/PYMCB5mRt5569u9eibt3CDkngDk1yfjSaO1aKN3aS6MihYYTypLAbnP8P0613anIj83NX+Hfi7wvfXqp4RurWOOV1ypDxLznarZy4GQK9x+A2vJ8Lv2bfFHiLxFBrRuYvFcEltDpt49hLNL9n2qryKCyxDcxIA7Yr7D8aaPpWqTfab7RNKv7hWJE91p0Ej899xTOfx+tcjqSadoXge6Euj+FI/Dl1qbf2tFrDG1hZfLXYyCNGLylwAPl6DtiuqSoqSVO9+pKqTlG0keA+O/i0PjF+zJ8Rtbt01y31djYadLp11qUl7bqpu0cSQ7lBUtj5hz0r5D8J6BqVt4hs7q+03Vo4EfezWsbJOR0Plsw+9zmv1Q+GGl6Dqug6lb6b4c8KjwnJLH9l/sudr1LlgG8zzlkRSrKQvBHfrV9Pg/4EtZZXg8F6HEz53FbTHUHOOcDgnpj2pqNKzc9yeee0UfKVvrkFvZ2sUYmnSONU866JaVvlH3j68/pU9n4migbc0YfHQjqT+VfUWofB/wLqEiTXHhHS3ljAClVkTgDAztcZ6CsbXPhX4KnVlbwvYqMhv3bSpjAAGCHGOAPyrNxw1loK9S58jeMr5PEXjbwlbRWGl3ixpPdTWuqSbFCtIihlOQd/HHPpX1B8RPhf4b+Jesb76PxdptzpFnb288+n6RJcW14nlK4ETBW3Mocg4we3OK8B+NGm6V4d8U+EbLTtLtsXOtQxbJmeUgMxyQWYn9cV9AfFr4f/EbxJ42S48P2NjeaVEipbX0k7+ZaMqgMCA4VCrfNkKc960jBJXgtBybtqc18UtYs5ND8KaHo1vdWulW9hb31ut4jR3CrIWTDqeVICgkH1r039l/TfsfhzVpHRUmVlhJHdclh+HP615F8fNP1W98TTxvumvf7Lt4Fu8Hb53lEh8j0Yg17b8G3l8P+FY4pEZ0+zWsRlwcs6R4Ynn/aH514GJq++4pnvww7WH9o1bY9Chw11Pg4G4/0Fc54x+JXhTwRdW1p4h8SaXolxdIZIItQuliaRQcFhk8jPGa2NHvft32uTbjaS3v/AJ4rxj43fs3T/GTxBZ6xceI00w2lsLeGG3t2yob5nBck7gTg4xwQfWu6kmqaSPJl8Wp6BoPj/wALeLNQ+y6L4l0jV7llLeRY30U0m0dTtU5wO9fOH7RWlXXiK+tLa1LrK5vJVwTtJNy23OBzjaPwru/gn+zDP8H/ABomvQ6zZ6xK0Rgk+0RyJJsw2FRguFG4hiCDnYvIxze+Jfwd8aeKLe3g0250aK3jjBZpJ7pJGk3u5ZXjVSF+boeuOaaTWqJ0ufIE3wj8TC3mmu721t4o/wB8VKvucjBwBtODkd67fxD4Yv8AWtO0qzsdRj07UpLCNjc3UgSInzJGO5v4QRnnHXA716HZ/s9/ErQ71LyJdIv5IwwKT6xdGJsqRlldD61reMvhb8SdTbTo9G0ayt7a0toYzcxaukE7sExIn+rYFN3I6E98U5SnJq41yrY+VtS+Fer+DWnun+x3sMY8x3s7tJSeegwckn6Vl674ksb7ToPsy4APCsu7BxyDX0lYfC34t2N7JJe+G/7XgaNohDLrlu6gkjD42LkjHHPem+M/hX4s/wCEim/4R/4WQHTFICXRFmXn+VctsZsrg7vrmt4VpbSREoq6kj5r8H6hfahqH2SC1slVgzm4hi2uu0dDt6KTgc+tReMNW1HR9cvtMuojZXMMnlSxZzyP0Oa+h9A+G/jmz1J01TwBqE0c/lp50UNov2f5xuc+UQWAXPy/1ql8WPhpq3irxdcXy/DrW5beGWTy50sN4nO4hZOJFYKQAdrD8uamNVqVraF8qep5D8M2XVJjF/ZFvJHJIpluJVbcmWAyuOM+1feniKxsL74U61Z6nAbnTry0eCeEMVLo8gXGRg+h6185+A9J1jTby103WfCmt2cDXcO2caK1vDBGDlzIys2QcD6V9IePPk+HMqKMiUQ5x/dzvJ/SuapO15tWSNKUXOSgt2fBOo/s0zWqxJZ+JIJY5f3qtJasrAAkYGDgkZB7dawfiF4Db4c+Jo9MOpR37GCO4WZF8sqTnIIycZxkc9MV9T2OkXPntNMBJYxqHaTHBTuw+g5r508M6G3x+/aDS0DzRadfXLBpYwC0Vqik7hnjIRAR2yanD1vaNyT0R2YnDOjFcyPf/wBlf41WerQ2nhXV3jttQtxJ9jmACicsCWU/7fLHPfJr3bxFvkaNUdw2cjDHH1r4D+Inw01z4O+MjZXbSfKfNsb+HKrPGDwynswPBHY/ga+kPgl8fIfGkMGi+I51h11UEcF0/wAqXg7DPaT+f6V325mpRZ5UvdueYftKeE7HSfGuiHSbaRNW1mGa4nggXIkZWA3Ko/iPzE464rx4Xj3rRpI/mFAQpbg4619LzXJ8Yftw6JYwFjD4ctCH29FeOFmf/wAiSgfhXn/7RXg3TvDPjpr7SwsVpfM0stsgAS3kaRwAB/dYLn2JNXN6WHHcyvgX4obwb8XPDGprJ5SLdrC5zwEkBjIPtz+lfozB4zblftsAx1JkA/ma/LWONoXRk3BlYOpXjp/hivt/wn8VrW40TT3u1llvGtYZrj7Mm6NN4yBy2enUe9TSre7Yzq0ru57yvjS4hAkS+gGDwfMXr+dfn38XdMh8K/FLxLYgosDXRvrcR4K+XP8AvMDHoS4/CvQfEHxY8Z3mvXk1ro+qWluCqx24QeW8SZO7PIVnX2OPeuH/AGphHrGqeG9WtD5d5NbG1u4UBIRiqzIpbABIDsPw5xXSql9CI03HqfRf7EfxMvLHR/EPhiG7byoJk1KCPceFkGyTGO25VP8AwI19Tw+PNUj43ufxNflV8GvGGqeA/GFvqISWeGaI28scShmZSQcDPG7j8M19ryfETRdJEi3WqWsE0KkvC0yqykDcVIz1olPlIdNNn0VH46vmwSSfrzVhPH19bhpYmhhmRSUkkVSoI7nOOPxH1r4v0v8AagivPEVtCkbPpd1cKsahW8+KM8D5Q2GO7A68bh6V6b+0F4qfwj8CdYv3to7+WaS3tRBcs+1/MmXIJVlbgK3Rh0FKNS7sw9kz3y3+N/jO1kC3VnpVxF/z8QqrIv8AvETjH5d66TRfjlfy/LfaRDkglXhkKhsdRyTg88ckEZ9MV+Rlx8Yp7jT7y0j8LWUDXMEkJkjvr07MqRuCm4KnHUbgRx0riPCfiTX7Jp3t9VvYCVVf3czAevrXRzUJfZEoVY/aP3Xh+Luj7FM0dzAzfwsq5/nUupfErwJcrc6dqPiLQ8NEn2izvbqIZSXhQ6Mf4s9D1r8TZvFGt3lqs9zq2oTyKdsbySsdoB5xzVCTXdQZb9pL55DM1oJGmXcyMkm+MZz/ABdKylTp7x0NYznbU/Rjxl8L9E+DvxC0/wAf/CbxBZ22im8Wy1bSbK6WeGzkfOwqATtidgUaM8KSCuBwPsTwf4kh8WeGdM1e3G2K9t1mC/3SRyPwORX5Vfsl+F/Hvxd8VeJtI8N39jZae9wLnVbm5XKQZcYCqBlnDhmUcc5zxX6reD/C9t4N8M6XolmXe20+3S3R5Dln2jG5j6k5J9zWNSyVjSndu5uUUUVgdAUUUUAfn3NJcRvtMRNJ57KvzDg1prMr8Ng1HJZxzOcHjuK/nm3Y/q6M1tJGfHIiKUDZLc9aJDsjwnLelW/7IVG3KPpQtu8I4Xc3SlZ9SuaL2I7eVgo38GrkYDDcTgGqbRzyMNy4PtT5I5vlX+Edad2RJLucP8RPE2n6DrEU94n26NLXa1uXVFTc+d7Eg84HAIxyT1r5n8ZfGD/hJvEWtJ4VksdGtFjM9zqOoyhba2RQFyinG5icAADk9q0f2kNP8Ta18SNZWzsr/UtJt2ht4bOHakMkgiXezuSMAH689hW94AHgnwr4fgTxV4Unl8RJCg1BdLtTe23mOWEKPuH7okDnB+cgkCv23JsDQw+Gp1GveaufgHEOdYzE1qmE5v3aeyPOPhTa6H8RNf1yy0qa8uGt9PN3q/iPUnMk9wyMCFhi3KFQNyMnnAGORXl/jS8i0XxuuiCLUdQgLRSW2ZBmdZAHj3RSAkNhhxuz0r2RP2cfE/jr4kXGo+DL0eHdB1O13apfMSkZV2bgQg5csFzt6ArnI4Ndt4i/YPvrjXovEWn/ABDurjWUlSf7RqtkHLOm3aSUfttA6dBitcVmmFw1Xkq1NTzsFk2MxVFVKNPT8WeXzfsi+PI76SfT9U0ye/zukgtr+MTox5wwRx83PYVn65pvxq+DNtFcajrms6TZtKIY5bi/byWYjhcyfLyO2a9B8a/stfFDVfEGoa6s2g6lc3D+Y/2O7e2JOACQsi8E4/vd685+IHwg+MUnh5NLvfDGuX8CvuMi3AvIhxxgKxx9cVxU8bQqz/iwkvNWZ6lXA4mjC/sZxkuqd0dz8GPjr8SrHxTpOmzTW95p01wZZpJIIZcD7zsZUPA+XqT7V6h+2Tp3jjUtJXxV4T1e4tLzR/LuNWsLJSjr+6jZZ06t+7OVI6gc+tfF2n6OPD9jZ6VqsCeGrtZGnv11WxeN5kDrsCnZuIIyNq45B55r3z9nD9o6a+12Tw7qd3LNIJ2XSr6/cyG4jyf9HlZs7m28KT1HHUCvocZgaWHwsMThpRbfY8nD5ri6taWHxjk42s77of4P+C6/BTwXZeObLxJd3niOXw6niG903y0NhcWrNHmDfnIfEilX/vDpX018MPiNp3jrw3Y6jZXP2q2uEDQyE/Nx1jYdnU8EV8t/H74H6lF4g0O48N6zd2fw912+h025tHnbytIkklXMbLnAhLYZM/KCAPQ11+uaf4T/AGV7iKXw9e6xJ4fbWX0bUoNSmSTc6RK4u4AACCu4B1HBB46Cvm8ZhaeZYeyTb/Jnp4PF1coxKndJLt9pf5n1ct07Mo28U9wswyDhhWH4V8RQ+JdNSWKaOWQxq4ljIKzIRkOp7g1tRw+T33E1+VYjD1MNUdKotUft2DxlLG0Y1qT0ZHNC65LANTrKMycEFecYq17n8RTzGflI+U54x61z04c0kjoqVeWDZxS/E62m8caFoFlaNdx6pbLOl1v2BC11Jbqu0jn5oi2fQitLxB8Q/DfhpWlvtXtbdAzIvzZdyrFThBluoI6V6Ha/Hn4IeB2s/hxb+JNG0/XooUtBb+TylwcnmbbgSbmLct175r8ofid4uvfDvirWdLvI5Wu7S8mt5VlGPmVyCcd89eSetfq8uGsHUowknyvr5n4lT4uxtOvUjJKS1t5H6P6h480bSbAXupalDp0B4Iuz5cmcA/cPzcggjA5BB71keD/ihonxC1a703RvtEjQAkzTRiONsRmQkZOcBVJ5Ar5K+Et/qf7SC+DdC0jRozrOiiSDxBqsksSE6eJVMcoBwWkRCyc5JIXHAwP0S1zw38JvB3g3xDpXg2Lw7D4nsdOmEMFtdJJfqTAwff8AMWYkEg7s4z0FTS4UwzvzSbvt5DrcbYuPKoQStuefzajb2du0txcJFEeQ8jhR07etXLW4huLWKa2ZbiCRQ6SIchlPIINfAnir9pjXdULR6SWtPl2CSMkyKB0G9uR0xxivqH4U/G7Rtd+G+nXy3CvqzSJaXVtLLtAvmjeWVQzHlTtdxg8ltoArxMXwtOjCKw8uaTdrH1GB4whiKkvrEOSCV7+h7A0mznZ+Fc34o+Img+C7Zpta1S102MDIWWTMjcjACAFj1HavCtc+JXjj4h65oel+FJbzVZpp3kvdG8NWpMot8kRK8q72VmUgsu5dhzz0r1XS/wBjHxn8QLPVo/F1zp/gLw9qV6l/NYeYNQ1FQqKqphCscQAHJzluN2cV6+F4JlDm+v1lGS+ytW/meRjOPqeiwFLmT+09EvkeReKv23tKbXho/hPRbnW5slXvbgmKGPGctsHzEDHcrnH0rxvx58XvG/ijw22p6t4hFvA0kcKWFur29qjMpJLiPJY5Bxk4OOoNfdP/AAiv7H/wNsbu28W3Nn4m1d1YuL6U39xNgZfEUAEceMjrg8jmvj/4v/HL4L+Ivh14s8H/AAo+Estq97tJ8RazcyXF7FsnV0WJQWWIdgN/QHIPWvaw2T4TB/DDXu9z5PGZ/jsf8dS0ey0R89f8JmLFYQ0s2rXsbSOZrj5Ixvx8qjlsAqD94ZPPasK/8XapeWq2guDb2S5Zbe3/AHcYJ6naOpPqefWqUsJ6vtQjhl6/y96gzHu2hNxx/F0B+lemuyPDer1Lehw3d1qlvHZRyTXO7ciRrubI5z74xn6V9y/sV+GEWHxx4O1u3T7F4r0yUQ23BaPglo93od5OB/cFfCk11Npd7b39jK9pJ/rYnibBRuhAPsc/nXo3wp/aA8U+DfH3hbWrnV7y9ttMv45prRVAEkJO2VWIGWGwtgHgHFJ8ydxSUZRGXen3PhfVL7Qr4adp7pM9q2nWnMokUlSWJ5wCD1rkbmFre8mdYobWTPl/apWGCQecD/Gvo39sbwtH4R+MV1rGl/Y4dL8QwrqUNyqjczMAJDyQoJIDZ5Pz9K+d9ca0nkdbrcYSwlRlwGBIwcHB747d6KiQqex7D8GZZtQ0m+0O0IGuQ3Mep2l5bMAyqMebtPfEixOPq1afxmubXxTqdp4jvrLS9Hu9W0yOSad1aVjMGkjk8qFeFKsmN3GOORXnPwb8UR+BfiFoN+1o40q0ukju1kcFpIZfklyvXhW3exArvfHF5FceINd0uO6ghFnql3LbXE6hygLosiKCDgNsEgwOufWvFXtpY9RkvdS0/wAjvUqcaD/mZyei+JvE3xKstH8OXl7LOluWgMgDbnUAYMu0E7Y1GM9cEd+aoa14dfw7qFxY3FtbQ3KAGQW8qTAgjjLjvx0PI71paDo9vr3iDQ9C0l5m1rUNWFu10ykM6yLgOACGyGB644avSvEvwJ0fVIdWs9A+I0Gs+PbVmnks57QxQ3ThN3lpIeC7AABiApOBnNfUfVqdfByhTi/aJ3v0SPFdWca/POXuvp1ueCzaHfXFxGbCGSa8EitbwW6F3c5+6qjk554Ar6w+GP7IPxT+IUME+t219Y2kijMTzCzQAjox5cnHGOK6T4y/FWw/ZW0XwF4b+GMOkaF4uu9N+2eI9YGjw3l3HOyRFYQ0udoG9sgc5AyetctH+3l8bvsqQr47Rl3KXc6FbQuV7rujXI4yMg964FKOHilNnVd1H7qPuy/+EfhqHwT4WsvHuiyaxeaLZLajVUISMRRDCNK8nT5Bjd6g180/tp3VtqXw98N/EjwTqWlrqHgHVUjDaRKZzFp8xUBZNyqSFmVQcDGJWrwHxT+0j4+8e2ut2mveIbG9h1a1W0uCbB1LIrhlxjkNkD5s9ua858L3eoeFvBfifQrLW7HyfEVq1pe293BO4ZCytuR8fK+UXqCKKX1JxlOdT3unYcvbXSS0Pvb4c/Fyw+LHgey8RaDItrBcJtu4wT9otpujwtn7oHGCOSCp70/UpLG31LTUa4hR3lR/JPzOw3YzjoTxXwN8KfEHiH4P6tdX/h+/svLnjCTWFxK5gueSBuXb94Z4OQeo6HFekaR8eNdvvHmlaxrcOkwWMNxELhLWU7kjXdnYrORxkHBPtTjUovXnRlKM1LRH03491Pxj4f0eW5juPDmqxRjO+SG6tZCuP4lBcZ47NiuHuINF+OHwh8N2XiHUpfDOr6jqV3dWJtLWe5i3QqsbhwqkgEOOTipPiB+0h4Rl8Ozto2vgaksZMaR2sm/cBxwV2/rWa2ofFPx1+zP4S1bwjJqEt7d3NzJqqWJEVy6CRljA2EfLleQvP3fetvaQqT92112I5HGOp0XgNtP+Cfg2TTfCV3H4z1OfXI7G8N15tlDFMYGkPJjJ+VVXt3611Pj74l+LfAPhW78Q6h4X0a406zgaeb7JrjtJhRn5Q1uM59yMVyln4+8f/DD4feCI/GV61nf6hqcsFzdaggnlS1WHcgkPUHOBnkgYBqp+0h8VvC+ufBXxFp2k65Z6vqV9ZvBBbWDGV2dsDoo4xz1x0rTmik1KxGt7o47Rf29E1qFifAzw7R31UMf/AEVTrr9siO8YqfCMkQx21MH8P9UK+TfDVhdWtnKs1tPbvkZWSNgen0rUe5SNcu4VR3avmsTjK0KjUIqx6kKMWrtnaav8QL/4p/GrwKi6WunW0esQSpG9yJGf5xnOAAMDNe0/FP4mf2D8btf8MxfDvS7jw5qGpPDqjs9z9v1CVwN0wZXATJYbQFIwOa8E+CKxa1+0B4CiR0mRdSiZtjZ6EnAI78V9a3H7QGkXnjy78Fx+NvDN346F9Ja2uo3PheU20TeYdtt54lwzqPk3bcbga9nC1JVaalUVmctVKMrR1PTdY0e0kmaCG2xDFDFDHGedqLGqquTycADmum8Jw/Y/CJYqVxNL2+g/pXd6T430JtY/sS9+EepXLQWayt4intFS0um4BCyYyX79MYHWvm/9oL4r/Dzwn4013T7Xwdrml65qlrZwhYY1ayjZZDmXzA4IYoAhUqOx75r52lkeJhiZ15TTUtj7HHcQ4XFYGng4U3GUbans3hu322srKQrSBQwZc8DdxnPHWt1dQltIpEiCYkILblzkDtz25rzX4d65PdeG7W6gVohc/NtlGSdvy55Jx939K9Is/DuualbJLFaEhuQSoA/UivpY03CKi2fFSlzPQoz3DXVw0rDBPOMk/qaI5olvo5yCxTHyMuRwMdc9Kvt4P8QR5zYtnnomf5Gq8nhnW0yG02UnthG5pfMPkRSTRGcTb8FVA27TkkDHJ9T3OKSO4X7UHZt0YH+rO7jjA7YOOv4VV1K1v9KhElxp80cX991ZQPzFZp1pY+sWD7N/9anyvoF11N0lEaSRpt6kEBMHnj0xipbaeL7YWcrJAdwCZIx/d4rFt9S+1NhIWb6MP61M14YjhraQD6ijlaA0Xt4RJI7sjQtnauQxGTx+Q/lTLWOFrhmuSpi5wIthJyf5Dr+FZzaxEMgxSL24x/jVR9Ztk5Ik49l/xo5Q2NOS3KW8xbaMKdjJgEnPt7V5h8YpBYfDG+1KOGZltJY43dlZBFGytudgw6Ahcn3rvv8AhILTaPvY9QB/jXdeEvh4vj7wTqM91FYT6PdGSGaDUiBHJGo+fcCCNvXr6UexjVThPZlQrSoyU47n5weNPiFd6P8ADe70oBoNR1bbFZ/3hbTJvd/bCHH1celdP+wj8OVibxN43nT91tOl2LMOvRpmH4BF/E15x8WNcPxm+NF7L4Vs8Q6jcrpOh26rhWQYQy4H3VYhn9lPtX2t4X8HWnwz8B6P4U07a0NlBsaf/nq+cvJ9Wck/Q47V53sI4Wm4RerPSxGKeKlHtFGZ4/8AA+j/ABB0G60jWLfzoWCtFKoAkgfn50PY8/iODXw7488Bn4d+Mrvw/Ndw3ksIWWOSMlCyNyrY6gjv6EV99HdcLcbAQxcJ8p6Hao/Q5rwL9qLw3oFvc6TYWNqreJ9YuDd3V60rPJFaxAAt8xON5AUYwPlavTo6QUTzZP3mecfBP4h6X8P/AB5c+IdYsZL2a8tTaTajCczqC6sXkU/fPygFhgn3q/8AGNdP8YLa3ltfQTWssCi2u45RtLqMsrZxgjc3B55zXaap+ybqV54UsdS0a6X+1Xt1lm0+5wnLcgJJ0zgj5W755rwjWLTXfh7rstre2l1o2pRth4Zo9u/HcqwKsPcZrSSUjNN3uYccIdQ2d2B1U5HHpWrcLa3lroTajc3EVqsrW8oi5fAX5CORkYGKj0+VtS86cpGsnmEt5a4AzzwOa0ZvBh8SaPqzW9yI77T7b7bbWixqzXeHUPGp6ghWLYHXbShT5XcucrrU6GP4YCO1s9UsLyebTmuEgKGV9p3YAJUnB69Kn+L3he9i8XC+2yRafb3oEls27jG1M9Mcr0x61csvEZ03wLpIjYpKu2aSOQlSrxtk5U8jOPrXq3jH9mzxd4x1WXVJPFOhXDSjMSPYzfLGWLIMpLzjcOcela1vcaaM6crpo4XS/C9rGq2fkySvcTxiKTBUAsyjIPsao/ESx8Stquo32iaytoguZJP7PmmcOwLbsqVBGe2GIr1n4dfAXxr4Tmtln1PRbrTI7pLyeOE3HmSMvCqpdmCjOO2OPXmuf8XfBz4jNc3+u6nqHh+ytsAv5Wq3FunyjrjYeTjmsPaSm9C/dijjfhnD4m8Ta5oFxc+Z9hlvVtpo3jQPE6uCwZgMkEDivc/22tS+yfCHQbD/AJ/tXVyv+zFC7fzdasfBvwFLo3hi2vbtZpp5JxepuYs7qASZMsAdp6DIBIXPcVxv7eOplbjwRpIfiOC7u2X1y0cYP/jjVVT3Fdij70jzn9jv4f6d8R/2ifB2iaxYx6jpUkk893a3C7o5I0gdtrDuCdv6V+njfsT/AAQmyf8AhXOkwluT5Hmxf+guK+F/+CY+gnUv2grq/bn+zdEuZc44Bd4ox+OC1fq0v3fWsKUrxubOKueV2/7Lfwpg0i200eANDe0t12xLNaiRlGSTlmJYnJ7muusPhn4U03TY9PtvDekw2MaJEtutjFsCp9wY2/w9s11FFbXYWRlaT4Z0nQpLmTTdLs9Pkun3zta26RGVvVioG48nk+tagGKWikMKKKKACiiigD4H8sH7o74p32eVZAAetWcBJGwQRStE+3cDya/nyx/VHOVnM6ZBYcdAaghuJ5JMGM4B+8e9aLRozKR170isV+4MD6UNPqLmVtiBbxopiDF8o74qYalA8ifuzyQDxSrDJI53Dr0pgsSrkGPPNNXRnLkkrM+U9S8X+I/FGreLLzSbO1EWlXMpuJr7f1HmMSoUfwhOh65qD9nHT/ibcJqXibRrDS2s9YnVprzVbmWF51TcCkXl9FBP3tvBXANe3+Lv2afBnivxDNrV1HfWV3cHfcrY3RiSckYJYYOCR12kZyfWvRdN0ez0PS7XT9Pgjs7G1iWGGGIYVEAwAP8APr3r7yrxC44eMMP8SPzKjwrGpi51MU7xb0scx8PvDM3gPw5DY3l4dR1KR2murrLEO5PQbjuwowBnnjNdP9uc5J6dBRIIi4UuD3yaiYckJgpXxNetUr1HUqO7Z+j4fD0sNSjSpxskO8yRtwYfIe9NWJduF4xyDmoJLxY0KyEhc9cVaguonZdoyK5+p1ONlseWftBfA20+NnhJrKVUi1q1VpNOv3z+7fHMbH/nm3Q+hwRXyp8VPi+vhX4feHvh1ZWU2hDS9Mey1rS5rZFlF+hysgk25PzkyCRTkjb+P6FMxPAXA/vV4D+0x+zvZ/EqG08U6ZYR3fifSXR3tPujVLdGy1uxHR8ZCnvnb3GPs8lzNUX9WxDvB7eTPgs/yh4qP1rD6TW9uqPPf2ffjAnxF8Lz+H/Flibi8mtPKvbW7jKpqtr085M9XXjOOhwR1443Sf2X9Is/j1DpPjDWJr3wHeWN1qWk3E120X2xkT5bdpP4ZFONwGCwUY9sj42ftNXPxE1iaPw8mqrfwaxbXGh2rW6h7FUjkSSMIoJLMzqpUcEL7Yr2Xwzq2lfGz4fXnhzxhptzo80gU3dpPE0dxpV1j5LmIMAQh/UZB719vUi6E/aR2e6XY/OKLVaHsJXVtm+j7PyOX8K/Fbw98LPiFo/hTTrhrLQdQsLe8sVnvBcnTriXdutnk7xtwRk/KW9Dx9caLew61ZrcxHD9HjJ5RvSvkf4E/sp6Lpz+LtM8b6Hb654ohvIl02G/kkgtrjTgMzXUDKQH4I5HKttU43V7B8NbHXPCdwdPkvf7SsEhd7O/+bMihn2WEpJybpUVe3zBh3zXm5rlX1+n7SjHbbzPTyfOv7LrulXno3Zrt5nsxbOOOlMZpPvEHaORV/wz4Z1PxJbwXlpBm2mUOssxEYB54Of4uOnNd3Y+BtN02ES61e+fJjLQwnag9t3U/pXxWFyPH4ipaEGrdWfouN4iy3CU7zqKV+i1Pz8+K37K3hyPxtP4zu9du9I0o3LXmoSXZRIBIX3bFnZgEz0xhm6kA15b+174Kuodf8LeKLq2s3k8RaZ9pNxptwZrS4CvtSZCQGyUCA7hyVyM5r9M/HXwJ8I/FybwxqGoaLpt/pGm+ZNax38kjQh2bH+oVgkv3f48/Q18uft+adpWi+J/BEeqGa7tY9Bkht0CrAjgXDE8AfLgbQFVemK/aMPRnTpKNTe2p/P+IxFOpXlOinZvS/Y+Z/2YdS1vwnca1q2hGdru3WNpbK2Vd91aqrtcRoSRhljzIOpJjxiu7+Ef7LeuSfELQfHWleLLe60b7Ubw3iiRbh13hlTawzuZTzk45PWvNdN8ZXWj3VodDht/DbWlwt3FdeVscKVaJwNxLOGV2Xpjj6mvddD/AGvfD3w/0e38P/DHwlHciCWO0l1jXrtrkFhEcOAh24G0DlsAFayxEak4clKST8zbDSpU6vPXi2uy7mx8Uv2C9W8deKtP1H4d2dvo1jdGVtRF/cusMDZDLLGMM2DlhtX0zxW/4f8Agz+zj+zhpt9YfEnx5/wnOqag0L3Ph20J+yxyxtvTbFCS+QS3zPImQxyMGvmz4qftKeNviFZX1r4m8e/arWdXij0nRo5FgjBGNzBCik552nOCOSe/ieqa7aTag17bWOJFben2uQyIrdyseNo5HfPb0rOhQjRpKFSTm11ZticTLE1nUpxUE+iPvbxp/wAFHz4R8PR6N8IPhtbeHNNkaSKBprZVHyMUJMUJCAgg58x2PTNfM/xY/aQ8f/EyG6g8TeNr4pKkX/Evs5B9nVtp8xfLj2pjJGMk9O4rxtdYudRhPmXLeXG27y92yJQevyjjP4V1/hP4R+NPiYwGg+Hr/UIycC5EXl24/wC2rYXH41rPEWe9jkjQW5zNl4hXSbRILGBvMR3c3F0+8ksu1vkHy/d4wc1nXGpT3C4eXES/8s1wsY+igAV9Y+A/+CferXxin8XeIodOjyC1lpKedL9DI2FH4Bq+jfA/7J/w38B+XNZ+HotRvFxi81Y/apM+oDfKPwUVxSxCtpqbqnY/OXwb8I/GPxFKjw/4dvtRiJ/4+Fi8uBf+2jYX9a9z8K/sEa3LDDc+LNft9LjYhTb6an2iVM9NzthRzjpur7+TTY4Y1RVWNFACqowAPQDtRcWEd1ayQt0YY+nvWHtpvRaGnKj8Z/H/AIV1HwN4q1PQNSRlmsLiSHkEK+Dww9iMH8aq+GblI73yn/1coxjPU+9fZ/7ZfwRufFat4q0m3jOoWNnK+ox5O9lgA5AHByjZ57Rj1r4Zjma3lDKcMpyMVupe1g4p6g6copTa0Z9keKbj/hbn7LOkXxKvrPgqf7JLgEzPbYCrgjnGwpxx/qjzXzbcbo/Jl2bHTjDEHKnjHH+eK9V/ZY8b6pYeNpLK5gP9ga5bNaSybdyRSqcxSH0O7K8/3681+Inh288KeLtZ0y8aR5luX2XUy4e5OSQ4Hoc564qacJ8iUiJWUtCl4b8K6vdalcy6da3WqLtMhhtI2dmxyQQucY/ka9b+N2txah4H8KeNLGzXStSu5cXEDAHcGVj85UAHlOuBlXXIzknyfwx8Tda8A6wL3SblIDIqGSCeISROy9GwehHZhgjpnFb/AIl8Za/8R4pG1bUxJpbSCdLS2hSGMEZwdqjg8n8zXQ/Z01zzeplaUnaI3wr8Uo/CPjjw74qdEu30+6W4ayhQRK0ZUpJGCPuttZgDzzivarLUPhPoepT+OtN8R3mqapNGzQaLHaSx3DyZBXzSw2xcgBsMwPJXqBXzzIthpFuJLeD962drHJbP1PT8MVS/t6aLaT8yDJK46mtMPmdehCUMNtLuRPDQqSTqdD0r40/Eiy+KGt6T4nOlvp2uvZLDrm190M90uEWSIE8BkTJXAwc9etc3H4q0+PEby4GACWHAPpn16VY8K6j4S1DTYY/EemzvOksrtcWtwEZ1O3apVgR8uGwR1z7V9BfsnaP8Jda+NVnpUWiXer2tzp16ZE1zyZYw32eQEbFXB4IKtwQQcdq5qmFWLivbPUtVfYv3UeBf8JFpqYIvIs5+7mkh8RWNwSUuEHbDHBGK/Tjw3+yp+zbp+taXdWvgu3N3BcRNHDcT3EsUmCMq6SOVcYzww5r89tc8H/C3VPFuuH+1tS0WFbuSOO3S0EiqqsQ2GDfdzkAYzgCuJ5NT/mLWMcuhy1rrFlJu8u7iIzhgXHX/AD6VbeQNDnfhT82R0qx4k+AcXiLwPP4k8Cvea9ZaPJJbakzQiJwoZfKeOPJZ9wcZA5XrjHI9c+DWv6vH8P7aw1uO5WSAeXGLqJkKQqAFXkcYx+VYyyeKekjWOKutEeKm7Rsr5i8nj5hXvmufFyD4KfBf4Q6la+G7nWtcvdNu1gnOoXNtbQw/amZ9ywMu92LAjJ4ArF+JkNrP8MfEcBjjmltPK1K1ZUGY2WRVkAPujHI716jp/wARvDfw3+EPww0zxnf+G5dFn8OWjw6XqGkz310JyWzNmMgJGQVHPJIauzCYP6rJu97mVWo6kUmjg/i94osvFXwZ8AavbWF9pUmrX9/qFxZ6heyXjRzbIkbbJISxTgbQTwDXik0e04OOeea9k/a6vrrXvD3wzeC80iWOS31C4t5NAjZLTyDNEsYVX+YEKuDnvkVhfsx+NfBfhpdd07x7b2kjTNE1pNfaeJ0XaH3jdtJXqvHTivPzPC1Ip4mF35I9DLYQxFRUJyUU+rPN1RtuMjJ/Sqt+FFnOxXdhCQPwr7Am8ffASa3eXb4adR12acc/kE5qvBrn7PetNJbo/haGVhgPc2M0cQJ6bmCYA9ea+VpVq8pq9KR9hUyOjGN/rUD55/Yb003Hxctrkx7hFPD82zOGDBuPQ/LX01pfwJ+HqeMrHx3/AMIb4ysdRv8AUI5jpcunDFvNLKP3khDErGGbdknAx+FN+Ceh2/w78aeHvDU7+HVeXT77U3utAlSaylw8bxTxyLxgRufvcgLiovhl8C/iB4Z+MMHirUdbtZbGS4MjX0d4HF+rHKqBnnPBx7cV+iYSrKtBtxtY+GzHDQwlSMYz5rrdGT4U/wCCjHxd1D43XXgNvFXhXw14btdRurGHVdS0Zplt4IXdIt+yRS2dqAtxjJJ4FeAftN/ErX/HXxym8SDxDo2vXF7BaJJe2cCQpCyRxjbsEjcqRjIPODx69l8ZP2XPBvg25i17wx8TbTxXqGpebPe2qiAm3leXLJiN2bAJOSQAR0z0rwfWdP1mTWri0uJ0u2jkMUc6QhIcA8FW2jIPXJAruS0POspPmR9z/CX4++HfElh4ZtEmt7CYSw2txYfahJLb4xy5CgHndnHTBGa+8PDuo2V5YxG3vLa4+X/llMp/ka/F39nuzlHx0s9Nlmgbzd1wNozuKEk7T2JBJ/Cv0lECroUgKjPl9SKwqU/aMpS5UfSyqCcjn9akWFm/hbPsK/NCH9sb4c6ezQvqmoRPExRmOmyEbgcEjaeRkV2fw5/aX8MfErXE0fw3r0k+osu9YZ4p7bPIUAFsAnLAY965PYSNeZ9j7d8fW4/4RHUFlcQo0ZBkkQsqnHBI7446V4N/wjtt5bD+3LMt6vDOv/sprmPHnje9+HtnJN4pLafbwo8rtcmVgipyxIyTwD6V5na/tb+ANTV/s3iKxkVMFyI51C5OBklOMnjmtEpLSJMo6czR9afCXRYLbzZXlt71xJhZoQxAHHHzAYP4V6u1vEcFo1P4CvhvTv2gbGzVbnT9ZW28xQ4lgldAVPfpUGoftoJpdy1tJ44iiuF6xTXiKRkZ5DLSlSqXvIIyWyPuCawtWzm3iP1QVmXmj2Gwk2dufUmJf8K+B/G/7cHiaPR0i8N+NLKbVrq4ihgVfs9yy5fLsV2nIChvzFe4R/GbxIvhWW8v9V3SCEHcsMSYOAey1CpSZTkkcH8avHlj4f8AHt7pNvcWVkFgSXy3mWM7iDzgnpwO1eEftN/Er4U6R4Pi0b4bahdeKfFPiJ0utd1683gWyhVBtrcMqlQWHOAcKMFiW48H/aI8RHxd8SL/AFnUb+W7fzFRYt+d237q8dMe3r+fL+GfCOueIGGsS6dLdWAfCqBxJg8qPYf4j1rtheKszNq7ue2/sz+KtI0H4maNqOoI0tvaxSwW5t03MjupHmbeODnbweAM9zX1tpPxa8NfEKaWXRr+SSK2IjkaaFosZzk89RXwPq1nr82p2jWuk3NuillV7aHyiilcEsFxnJxn6GvRPgPpuvN5+moskJuAtpIzRMhwzf6zBHB27vbg1hOCqS5mX8K0PsDR73S7XQLjxHe3McOnost69yznCRAk7uozwBxjk4FeI/DfRbz42fEy58T6pA0VpdSLN5D5/cWUZ/cwfViAT/wKsf4teNovFniCw+Hfh1JLrTLWeOG7S1+ZrydSBHbIB1CnG7sW/wB2vsT4ffs9nwp4Ztbea/SPUpVEt35UZKLIR9xTnlV6A98E963ly01dmKTlsWWYqpZhz3rE8TaDo3jGwex1zSLLV7Vv+Wd1DuA91PVT7qRXZt8KbiPmPVV/FWH9aqt8MdTU5j1COTHQ5Yf0rl54dGacsux8efGj9nvQ/hzpq+IPDZuobOa4WG5sZpPNjhDA7GRj8wGeMEnqOa8R1G0+06dLArbHdSiOpwQex+ucV96/FjwFff8ACN3ek6nMPsuqQtCkgbIVwNynGOoIB/A1+cWuatf6Rql9p1yDDeWsjRyxtwQynBx/P6V305JqxlJGdo3j7XI1NtdXzXSofLaG+QSjI4IIYH3r3bwb+0148sykaX9tKoVY1MlurYQEADjHoBXkcmjjULS31uBALG8ytwFTPk3C43r7bhhh65Ir70+G/wCztZHwB4amuvBmnz3badA7zS2q73ZkDbmIIJPNXKSS94nW+h5dpPxb8catHxrcNkjfe+yaYCT3+8xwO1db4V8MXXiC8hubsXutzqwYXGpOHiQ9crGuEH4k/SvXtO+F40fHkeFLOBxg7o7NSR+JzW7b6Hqpx/xL5kVen7o4H5dKn2sdoolxkxljpklrpcy5+1XkwXeZGwOCCVB5/PHYfQfG/wC2hqf9qfFyztyAv2HSYIypbPzO0kh/9CWvtRZHjUhjGuB1PQep68Cvzp+Nvja1+IXxU13XNPfzrGaVYraQj70caLGrj2bYWHsRXDirqHvPc3oe89D7B/4JW6CW1n4hayR8sNvZWKn/AHmkkb/0Ffyr9El+6K+MP+CXug/Yvg74k1Vlw2oa20Y91ihjH82avs9elTQjy00jd7i01c85p1FbiCiiigAooooAKKKKAPhBYLdm8zfyPeornUljU4B2L3xWWzGSP5GIJ7g0Nbuq75ZP3ar931r+eubsf1YqaT1ZoR6gkgBQZHuMUral5bbcbucYFUI7xDGCo46YxUDqWY8HLc5HH4UuZmipq+prx38rbkU7T13VLHqW3BL726VnRLIkYaQgZ9arpbu0jyA87s7B0xRzMh04Pc2X1DcfmGd3X2p0u+aPCvhTWVJBLu3qSD/dxV63aTYBndjqKfM9mQ4KOsSNrSWPJb5s8AihHUnarfMeK2LVlkjIb5T71Xa3ibBwqtn71VymSq30aKv2WTyMOFbNPhsUVflTae9XmsTgENuB7VPAqQkAq3vV8pnKtpoUIY3QY5b2p/2GVlzkKKuzRxpGXD4PpULZZV2tj1p2M+dy1R86/E74Y2/ww+JVv8bNB0ZdVexWY61ptuo8wq8bIbyIf31zl1/iGTwckfKlx8b/ABN4q+Ium+IPD1nqOr6haRzR3sU0jTLPBJcSSCIjnZEFdFVc8MuR2Ffpe9rK7bFK7X4Oec/XNfCHjjWtD+Beu/EWfwjaw3ejeJbG40uaKHDPpExZkYMpGAjnJTnK8YzxX6dw5iqmMhKhON+Tr5H5LxZgaWFksRSlbn6HSXPx31Dx9J4e8P8Ah+6mB+0LLZfbtsL2VzwxiWRioUkkg7uMoPUV03hOHVINFk8R6l4yutPvrbUf7QVXiia2ivsbskFCC557gHBA7Z+OY49b8f65q13pGhzfZLiOW6MFuTiGONRucbjltoHJ5Jr7p/Za0/w58TPhDpWi+OrJhqAnW+RvtgxfW4+VJPl5RgCcrnJHzcZIH3FKN/d6H5jX0XMjF+GX7Qmv6P4ii0CRbi8k+0zSMunQNPJdzE5xt52jIBBH419FSfD34r/EWRGmuLPwdocwEnmai5lvUU/wmFOA31YCu30SXwZ8MbZ4NA0zT9IH8bW8QV39S7/eP4k15bcftdWc2h30+orHoV9Y3MtreWc1wr+Sysdp3cZDJtYfWt+ZU1qzBQlUd4xNf4v+GNTt/CHh3wTZeP8AUvDmk6fbJDd6lploV1G9KO5YLLu8tFcNyCeCBwe/zB+3h4+uLzS/BHh0XH2XQ7ayZov3fn3LSqWX55z824KVJXgHex9MWfEf7aWk694v0/RYLmSWO8uFikuNmIkzgKcnGc8DPvVX41fDWT4naPLBFLHa3ikSWjSsSpkyBlj/AAqRkHGT06YrndS70OmNPltzbnyBN4iiSzFtbWpnUwfZ3e/YSbgGLEhQAB8xOOTgcetZM+pXE8PlPKwt1+7CuFjHPZRxXp/gv9mH4heMtXNq2hTaNZRSlJtQ1X/R4VwcHZkbn9toPXtX1D4B/ZJ8E+E7XTp9YgOv6zaytK1x5jpbydlRo2yGC/RckfhUas2do7HwbZ2V1fSRQ2ltNdyuwRIreNpHdj2AUE17Fof7L/iBtJi1PxGJNCikdV+xsmbgKwJ3MM4Q8fdPPPIHSvuzRNB0rwvC6aNplnpKSHc/2OARlzjqzDk/ia8v+Pnxo8KeD/CmpWbX0F54iKGJLCB9zIx4zKR9zb1x9446dxUYc25MqjWyK/7OvwT8B6HqUkUug22pamV823vNSXz3GPvKFb5RxyMDPBr6ptdKGxFRAqKNqjoFHoB2r5a+FviVJLPTtSs25XbIjZ6kYOD/AF/GvrrR9Qh1TTbe7gIMUyBh7eo/A8V5dajrc6adTSxHFpYxzgZq01vHFGRgcVZ3Y61R1C9htYy0sqxpj+I1i3GkryZtCM6r5YK78incMN3BxWZcaxBHlY83Eg6rFzj6noKwr/VVurycNJJcwn7q4wqjv9fxrzrxp+0t8PvhykkOo61Hc3cY/wCQfpi/aZh7HadqfiRXzFbN5Tm6ODhzvv0Pu8LwzCFJV8wqci7dT0eTTVury9uZIYR9riWKWE/MHUBhhj7hsEelflN+0J8LJ/hH8VNW0ARsbMv9psHwfnt35THuBlT7qa+iPHn7c3ifW1nh8HaHFoNnz/xMdQKyzAdBgHCA/g2K+ZPF3jbVvGWrNqPiHW7zWdSkQK0kkuQMHKqGxwoyeFAFehlOFx0K0q+JdlLocud4zLp4aOFwmrhszqfgj4T0Hxxp93p2qaxfaVfWd2l35drwZosAAKf4WVwDuweoNelftMeGV1yysPF1nv8APhH2S9bhnwDhD9cnrx94V86aB4iufDmvW+pW43SLlXTOA6nqpr0e3+PUmoM2n6hp0Y0m4Ty7lNxkcccOOgyD2xzX1Ot9D4dtM8x1mHzFRgAvUD5gSMdiR37/AI1o+H9Ya1tdpQvgY4HNXb6OwnWeO1kFxbKfkcjaAD0wMDH5c1iui28zGNdkZ5VQOAfxqJ041FaQRbTui3NcNfES5LKQWHPv0pbCQf2lZoVBUzIGz6FhRbTRrZ3UTBlclXiOOOeHB/AA/gap2cxXULdlwzLIuCRkdeM1cYRjZImV2tT7w8Y/s6/DHw58O5NR1zWrPwnHNfv9o168ia4uJFI3RW1tCvAIBJZgOQBnpT/gb8DfA/g3xTp3inw78WrPWItXs77TNN87TZIpRM0PzMOoBjB3FWxxznFcx8avFPw2+N/hHSfD83j618O6tpty1wkmoW032c70VXR2VSVPHDYxXdfCT4JaNp/wytdM8M+MbLW9OmfUP7T1a3imP7ye1aBTb/LgbA3IYgsDXXZ3skcjWm51fw8uox4tspP+F7aR4ls9Dl+06hp8ls8LNFGuWbdjBAyDkcAc5rwjWP2OdNW8jvJPjD4Ojl1L/TLS3uWeNZ1kclSjnnaxOA3TNX/hr+ynN8J/EVz4i8QeNtEt7j7Pc22m280rxxXEjwNGDIzKCEAflQCcVjfGX9nePxn4qHiSP4j+ENO06OwtROl1qgxatFFHE0aAcsg2kqQORxjNbKjVcefkdiOaKfKpHoEvjzR/2PvCOveFrLwtpfiPW7nU/tUD+IGMi24aONfLyhBdQoLKwwCDznNc1pv/AAUB8T2cI8r4deAkMvyHa1xEG9uZT+teKftG+JrbXvGNna2lxN9ksNLtdNtb65+RryOOMbLg5JwJAQRnnbtzg8DyyGZIYYIxKkhjf5pJJApQkHpk9s/XiuGUpx6HTGMXqz600X9ovw34s1e5TxV8M9KtI5Y2ZJNA1SRSZQQChD7gc7s5Hp3rtvi1+zv4b+M91oE0aeJPDrWOhWccMlvpZvbSRGUvHCkoK7pFUkMAM9K+HLeb7PcG4uNS3Kh8xY45PlXH90Zx0zivqn9pD4T/ABJ+IWteDLjwol5qumQ6Fp8KW1rOM2E/kqzeYoPyFshstjPrgUk3J3aJemlz6i8C/DH4QaF8D9Jv/Ful6j/ZWh28iW91q7CymUNIxcOjMNjFlyAf7yDqa3PBHwd+BnxS8L6Vr2haPdTWOobQn75XMOVLfvPmO0gAgjqCCCKq6B4o8L6V4F0HwH8Sp7jW9SvLOBprpTDNFK6rt3KzN8z8ZyM4KqRyK908H/Cvw78NfC+nw6JGLfTY5PPaGONczBvkLyjAwW3FmbqTzVONSS9zcXNGGs3ufL+h/D39m74j+Lbzwx4b1KS91i3illaOO1fY3lnDqrMoVmwM4HUHIzWL44/Z++Gfhm40y3l1n7DLqcqwWcM1oSWdlLKvHQlVJ+n1r6o8O/ALwZ4LvbrWNEsYdK1KaMsschj8yPK8EIvLHHQd6+bfj14a+E3izxtpj+JfESNqWmRJDIkMEkq4HPlkplUbcAx2nIIx0rCUa0XeSsjSMoSVk7mN4L+CukfDnxbf3VgE13ydCvk/slIXWOfzEUlQTkfvBheOoNcH+yt8Rde+I3xUstL8S+AdB0/TNPfzrGTTNKFtJpLj5QFYHnhiuH5zzXtEfizw/qUPifV9C8XC1Wz0jyvtlpaPJPZKpBWQJIoV3Y5G36Uz4Y/G3RfHGtG+g8bQpo2jrK2sebp0EaSgRk+Y86Ku3aAX+UFTtODxz3YXDV61GVVR0RhWrRjNRe7N/wAXfsufCzU9cnHhHTdOtpXj2ySpugZuGBHBIOBkZB9a4+8/ZJ8K2NjALu7tNOhk3JA8mqqgk55C7zzyfwyKyvhl4N+HPhH4zX/jy3+Men3ouVcpbXGtLiRWxtV2Y5dRgbQQMcHtXYfEzwF8OPjBrml6vd+PvD7TwacNOltV1qHyWj3l2XG7oxOSOM4HNebPFcs7J6HVGnpc4K6/YZPh/XoNX0K6nstUsAJYrqHUVWWEYxnJPTnvwcmuqvvh78adX0s2MPiSe1tHHlG7to7Fpef9sqcH6YNeneNrfT/FHw+1Pw7ofj7R9KvmsoLa21O21i1eX5FYHgvkdR6H5cgjiqP7O/gDUfhx4Ii0rWfFtt4sme/SdZJNQil8lASSQzOWYfUnrgcZpxqzkrilFdD5dT/gnpfW+nS2ZFzd3/mFm3eU8yA5wTgjgn1XJzWJoP7Avibw3qjXkB1gzKjCOQQbPLYg4YtG2eD/AJ4r27wH8B/ivpv7T0vinUtfS58NW91NKphvtwnQjAygxksCchs9foa1P2rvhN8VfG1l4ZXwOt1a2cGxpreOURmKQSFi5ycHnbnvgY6dfopYKn7eFKNVWavc89YiUYOTj1Pz5+KGseNLPxjqunePfEGv6zqGmsLa4h1C9llZl6hQXJ+U5yOO9Zmm+INGjZLex0LVbePUo1hkhgv1AuAr55+TpuUHnoVzXrH7aXiCxvviNodkb601jXtN0CLTPEF5bsHSW6DP8pYcM0aMqk54OAeRgeQ6P4mU+OtB1fWt0trDJCt4scO3dEECMygHlioycYycnvXmyh7Oo43v5ncpOdNNqx6BqNn4ksdDRtFvdSsnJERae6MmwAZwCqgY6DvXmmqeHvEmoX0l9f3K3tzI+ZJbnJZsDjOR6V6ro/xt8XTeOrebw8l1qFkkg8nTIoGCyjB+QoMgL9BnAzkHJrSvviJ8UNZ8Mw3y3FzbaXdXMksMlniWdsvtMe8/MEQjGOOuT1Fd0sPzSUKUuZvsccajinKaseJ2egXOn6hb6gZ47K8hcOgCEoccg8c/Wvc9e/aD8V+PtJtPDWjaTsvrg+W8enF53lY8BUG3K/QZPPWrmg/BOz1CbzdWvbjXddksv7T/ALHhuFiklzKEAMjZHzHOD6jA65rvvhRrWqeC/BOqajH4fg+GGtIyw2eqIWWX5pY4wP3v7wH5iCR8regIIrhkvZycZdDdSUldC+B/+Cb/AMTf+Ecbxv4x0yxtBbbbhNB1O5MZliAJbz2Q5iHT5B8zcg7aofE74Zzx6hJ5Gn6fDZqihLeGVv3QAA2jjBA5xjHavQPEH7UnxJuvitpvhTS5tZbT47iSz1Sx1Vt8dxGrbTKjg5G5Rv54ycc1n/EP4sP4N8O3mpXWmR+K1uNXuLS0e3WKCOOOORkCSSYYk/I54Uk8Ale9cytZkXluj5w1jSZNNiklTRry5IcIvkTBNwAHJyPXP86gk8bXvw+1Gd9C1OZLi5tfs7yQyBywcAlF44ZTxuHIOcV1XxK+M58bW8uleEvDKWkMcHnXVwsAacKMbiWXhEGcEjk8fdziqfwZ8K6TfeGvGesanpqX+u6fbJLp66k7LbsDuzwjDB6dT/F9ayNU3bU+if2TvhzF8LdQ03xV4ggtNZ1u/t2a3tbG6SSTSlbGd+flMrA465Xkdc19lT/GDQdOs0nvY9Qs0chQTbq+Se3yua+UvhXqmkLrM2kwzw2+pWeIZbN90b5XILRq/wAzxkg4YbunJyDU/wC098VIvhr4K06+FpHqU812I4bXzghPykluOcKBzj1HIqJU4T3BSkmfVEPxY8MXSqRfTKp5+e2cf0rUtfiN4XlC7dVUZ9YJP/ia/P8A8L/GC58ReHdC1ddMS0tLw3P20zTkfZFhXJZePmByAOnXBqxoHx4sfEUesnSbg3sunxyy+SvmQmcIhYmMt95flxu4PKnGDXPHDwWppzs+xfip4k0PxA1hDCv9rRQFpD5cjxBCRgc7eeM8V8r/ABy/Z00r4ja5a65oLnw7qvH2wTsbiG4AACtgKCHA4PUMMdOtc1qn7S2naLrkGi3TXaavshNzbRsX8hpFDbN2MMQGGcYwa6LU/jC2hnV3voruC30+RY0lMin7STEJTsHUBUIJJ/8ArVvy22ZN9T139n39l3wP4Hjup7vxQ2tC8CGfTpnigtdy8g7Gy/B9xwcV9V291YtGqQ3doUUBVCTIQAOAAAelfndpPx2t9c0rS7+0gvJ7e+uWtg+xcQlUaRmfJACbVY5HYVlL8f8ASdamuraye4lniieYAWyjzFUZJU55OO2Bms5Rct2XZ7n6WpHG3Me2T12EH+VaOm2f77dImxAcl2G0KM8knsPevwm+Lni7U/E3iQeIFu7mGzntkgs0QtC2xfmO4A43Zb9RXqHwR1K9uNa037XfXd3BCwmlimupGVkiiaVgQWxg7Oc0oxSmokydlc+hP2tv2kBofwv1O30jSdd0++8TvLY6dqF1pzQ2zwsxE8kU2SrnyyQu0/xg9q+ObYT26Igix5YVAMHpwBX7L6f+zf4S+L37MXgPwP40057yxtNN0+5UwyGGWC4WJWJRxyv3mU+oJFcJd/8ABMH4Nswa2TxBbMW/5ZannHv8yVrWjGrpLoEbxXu9Trv+Cf8AoZ0b9l3wtIyhZNQlur047753A/RRX0gvSuf8BeCtN+Hfg7RvDWjxvFpmlWqWlusjbn2qMZY9yepPcmuhpJKKsikFFFFMYUUUUAFFFFABRRRQB+e8mnp5m9ZCAvRR0qtPZG+mbdMy5GNoPFdBLp4csYTjPYioZNNcOsjLtx6V/PPKz+rY1Y9TPjtPs8YQEbhwTR+8VBhvkzya0Gs5GUgDcx7moPsUm4ZO0dNtLlNFUT3IF097mM77htueAtTrGUbyYxgf3u9TtJHDhSwXPeiO4j3ZVQ5HVqdtDPme9h6RsMkkZ9KijuzDOUZRj1FN/tN0kKlMR5+8R1pft8CvuK7Qo6CnYnlfVF1oZpFUxdWNXPsaRp+9YbvTNZLapIFL7wiDn3xTI7qedgdgZDzuY81eiMZU5ta6I3lvIVjBDA7fes641gyNtjcZ6ms6SzaZnMSHDfLnOBj2qO402aBcRxZxzkHmm5OwQowvqy1JqCs6FwW3HCgdKPtS+cygmKRumfSqj3B8sKkZLAYyw6GnRCWPLSt5rkYAxUXNuRWLBvbiCX5JFcoC+09MDnrX53ePPilour2Nxo2gwppaXCk67NdKjPfTeYxLKVzlCcEK33dox3z+gniK7Ol+GdYuTDhrexnk3fSNjX5z+O/h/wCGPCln4gt31iHU9YjtYLi1l0tkaN5CC827buHlBdqgllbdwV64/SOE4Scason5JxxOPNRh6nBWviq30Cxu7WG1+3u00bW9zMT+6RVk3Jswc5aQNnPBX3rtdHX4j/DXwxZ31xpeqWWhSRRahZ6jHEfKh80/KwkGVXec/KSOT0558jWUMgI+6ea9O1b9oDxF4s+H9n4DuodPGixG3EQtITCQIh935WwS/ViQcnkYzX3nM+p+X8vMd4/7Q/jPxk1pYQqFupVERkiUs8rY6gds4z/kVm2fw9v/AIgXGl3ms3b3Ut8k9s8E8rqyTDiJwOhyOx6ZGc1Y0220nQbGS4+0RW8U23UrCSVgo4A3xhvXjGPaqPib40WNhBLDpiSSPPIl3CSChilI55x8y44z7CqUFvJhGpKm/cPPNS8M2WkalcGa6Vkhk8uLz/lkYA4B29AeOlfR2hfGbTLP4d6Zc65qlulyUaMKjh5Zdjbc7V5BIA/OvlrUnuNSvHu5EWKa6dp5ZpyTtLHJAHXv2qo1vZx9Ukunzn5yUQ98EDkj8RRolZCs5O7Ptz4W/tQeDr7T7mLVNWGlSWzEIl2rb5ExlWUANnuMdateJf2yPAmj2IfTft+t3TAlbeKAwhTnHzO/TPsD1r4bkv5Jl8ssIolHEcQCqB9AOfxrW8H+BNb8faxBpmg6dNqF1IwHycInqXc8IAO7EUltoPlW7PU/Hf7XvjjxUZIdMki8NWJ422IJnx6mVsnP+6BXil28upyStcStNNMxcvIxZnY8k5PUmvqrwH+w2P3dx4w8QAL1On6MMn6GZxgf8BU/WvffCvwZ8CeCIVj0vwtpyyLtP2m8i+1TFhyCXkycjrxge1FpS3E2o6pHj/7NfhvxBpfwfh1PVrN4LSW7JsJJAQ8tvt5bH93d0/GvqX4Z+JZdK0ye2vIJkgJ8yF2GOT1GD2OAfzrH8XePNG8J+F7y/wBfvI4I4o2eON2HmTFFJCRr1Y8Dp0+lfDHjr9r3x/4tWQaSYfCtpOODbHdKFPHMzfNn/dArizGOL5YxwsVZ9WeplKwDlOpj5O62S6/M/Qvxl8YtC8GWb3Wv6zZaFBjchuZgJG/3U+8x9gK+Y/H37emlq09t4S0SfX5ACVvb7dFDwcZEa/Ow/wC+a+L9U1D+1Z5Zr26uNUu5MFrm4lbLcDOSckjP061WkvJjH5a4hiVcbIxtGPQ+vXvXjU8oVR8+Lm5vtsj3556qKcMvpKmu+7+89F8bfHfxv8Rlf+3dektLJnP/ABK7D9wm3B6onXnH3yelecrcRxNKyKZnkGC9yQ2B7KOK6jwP8JfF/wARpQnh3w/e6lHnBuFTbAp/2pGwo/Ovpf4c/wDBPq4maO58aeIVt06tp+irvf6GZxgf8BU/WvShLC0P3dOyfZHkVoY/FL21fma7s+OLy5muuZ3ZyBxuPH4elZzxPjd0H95jiv0e+Mf7Ifg+H4M6ra+DvD8dprunqL6C6LNLc3BjB3xNIxJO5c4AwNwXAr88LXRb7WNSFtYWk19O5IWOBC78c9B09666dVSPNlRlGPMZ7+UWDYZz9SB9fWl3NNG64ADDOFGMGuoufhjrOm2sk9/F9mKf8sh875PbA4H51mSaPJYRiRoZFXsZFIz+db8xhy6kCzPIUcfIWTbJxjcRjH6VLHt24zx1FV/MLHkYHoKinnKr14qb3G1ZFyRo2jZpHyi8YHUn0Fe/eAf2TdV1b4e6p448Tyy6Fplpp819Y2MSjz5tqF1d8/dU478kc8Vwv7Ofwx1rxl4vtNf/AOEL1fxf4b0mfN3HpsHmAyhC0aNkjgnBPtX254k+JF34s0OfwvrngzxZ4UfxBG2lQ3N5p4aJHkUjGQcdMnHoK8rH/XPdjhlp1fke7lX1Bc8sY9baI/Ni6bfOzGSDJJOA4Nffn7Fnn2vwVaCdVSUajckeY/8ACdhGB3618p+Iv2afHNnfXw03SH1XTrd2VZ45It7KDwxQMSPpX1l+yvftpfgy8QM6Il95cnyBz/qYgevTkda9+nzRtc+bq8sm7bHLftxXLW/g/wAOyIR5qaqeY59/Bt2/hH3fujg+9fJGhzW2q61YW+osy2U06Cc99mct79Aa+xP2sNPh8UeC7OKW5WAf2lDLuW3MfzeXMOc/ePPWvnCx8D2sd4sqNbyBAdvUEnGM17VHG1aVF0lszhnTjKSkzQ0vUfA3ib4lX13YaUtroMSRpZ6dqFx5aMEB3sxUdDg4X/aAJNel/DP45eCfC/xc1rWtG+E9pdWXiTTreyi8Pp/pMVjcmXJeMyRtjeFHGOCxA9K+fL3whPDqWoTwxSWtpZtEskkUh/dGQErkjscH2rv/AIf6p4l+Fa+NNATTjNNrMFmLpvtAMkSKWkQqxPUk+vGOO1eKlzvU7HdLQ+kvE37W3w3s571dW+Bmk2RtMRzQy2Vt8jFRjrCCM57+uOan+OWuajouu6APBvhTQdTuNas0mvTf6XHMt5brApT98QSyiNdoVSCMCvJvB/x48SeEfEeiaqnhW11U6fp0mmT2uouk0V/HI7OTNlslgzAj02jivon9nH4qeIvHB19/ELWthZxGH7JYlYkWDIIZYz124UHGTgk9Ola8nNoY83Kr2PJvjR4gfS9cSGy06PSbTRtO0z7HaRdLdxExeJc5Pyhl9+ea/QPx98XfDPhr4b6f4j8RXS6No19AtzaZny8o8kMm2IDdKzMw4HAA5wOK8W+LniKOfwNcWsv9nzR7k27Qm7gg9ce1eC/C/wDZZ8aftJeKpvFXiHxBdWPw/tZ20zT1DCe4mWNiPItYz8qKu0/MePQE1vBezempzVLVVeWljovFX7VWvfHbxEnhX4deGtStVuAYytsFe9uVP33mmz+7QkknkADAJwMV7X8Pf2SfDngXSbTUvG8trreu3jJDDpxybS3D/KSAeZXAJw2NoPIHetfRNK0r4GeG7Hwx4I0D7Dqs9xNBMzKWurlkkIDTS/xtjZ8oOARwMVfbUvFHhzxNaTeJ9Ojn1Bgsqi4OeOgAKk4xVSSXvVHcIuUlanoj5+8A+H7vRbLxhZw6L/aF3bhLNrW1mjtJG23AVpDI4CjYFLfN1xjvWDr/AMNdE8D/AAx+Ia+HfDDW73nh67VtXiuoZIElYqnklY5XbeQ7EE4AAOK+gvE3gi+8TTeJbjS2GlXOrzG5SRovOjRvM37GX+JTkqe/ORzVPwv8AtZR9WfVXVrTUIPs5t4UIj2CQspwQMnG0E4/h9+Ip4qrToyowl7r6Gs6UJTU5bo/M37HqEPlWkNo00xxHHHkLk4wBz6/1qG6s9esN32nw3dp/tYVsV+jfjD9k21utlzZ28a3cLLIiyLhSysGHfjpitfUfhnHEHM+iBYgDnCo4A+g7V4EcBSk22juliJJJI/JqC2+1+J45ZrTymE4BidBnGDjPHtV3UtEn1jxVqgtI8LCVB2R4xgDsK/Sj/hQfgPXZ5J73wzp94fOcBmi2Mv0ZSD68e9WNP8AgX4N0O8zpnh+ysTOZGkMaFmk4XlmYkn+ldkKXK7dCHWPz78G+FLhftJvPOWOCIzq4LLgqQDg9vlJ/KtnxBd32ltHd2uq3FpLbSRyRLDcuuHVgQeD6gGvvPVfg/o2pabeWkVtDbTXEEkKTLEDsZlIDY74JB/Cvhz9o74bar8F9cs9Al8SW/iS51uyUmZrCOJ7dVkGSuCSuSvUYJUN2zVTnCLUerLp0qlSLqJaI8p1bGq67qN/EDfySTvLNcOmY1kdixOe5J3H8/euf1Saf5mZ2eSQjExOT1z/ACr6A8O+L/DXhf4Jr4V1bxI06XV+1/c+H9Otkkk89CUjkd8fL8vAy/QnjmvIfFN/o2rsw0zSpLJMHEk1zvbr6AAevr1qvNC62Zo6D488U+DdD0j+zfEmqacrmRmWC7ZQsYx8oz0GT+tdUvx48USQrG3jC5mjU7xHNIkgDeuGU815zY6bq/iaa3s7S2m1B4F2Rw28RbC8E52gnHyjr6V614T/AGUfGmt+XNewWmjQuAwN0VMmP91cn+VKKna97Cly9R6/H7xy0ZkTXnnkaMxmR7aB2KY4TJj5Xjp0rZ8EfG7xFN4bkfxFrtjPcPOT9gu9KjlkkCgbTgRFcZzjJGOa7jT/ANkY6c0e+4k1Z9oLLkxKD6bVyfTvXdaV8FodEjj8nSV0516yQRbief7xyf1ppON7iunscPH8cfiHrFv5mm6Lbxb2ATVdQtlQDjnGQEJHH97HpXJ+NP2fdfh8IXWv3mtwajqM9vNd29nYoTGZFYGWMtxhtuGARQCStfSE/h2K70mW0ljlmYHem9SB0+YY9+Oe22vF/FF14n8ECRbK7l1Hw7HOLrynAaa2YAr8pHJXB5+gz0zW8EnuZtpao8F8P/tF6n4XWIab4V8KW4WA2/mR6dIsjxt94O3m5YnuTzXT+Efir42+JVrdeHNB+GVj4miuMNNZaTZXZYhSG/5ZSZHIBxxTY/2O/ib8Q7FfFPgLwnJ4o8LalLK9tcabPE3lESENE6OylWUjp0xg5r2P4X+Lviv8BfCNp4F8FeBZZvG2m3X9rahFdIrS2UqhllZl3AMrKEzyQuwetTy62Y3Jct4mLeeLvjhbXSS33wF1Qsg2g/2TfAgHkgNtLKD3AODk56nPQR/CL4p6v8Jta8Vav8D44PD9tM+qvHqWqzm+lkkKq5hgZWk54+UgcCvZtB/bO/aIuNY1LQLl/Cn/AAkuntGkulyWmxpGaNnZYpPMCsVCdM5bcNua0PiR/wAFAfiX8PYtH+zWui6rfXGni6v7C80qS1uLK5DESQlVnbIxhg3cHpR7ORHPrY+RLH43R6HrWjjWPh7qnhmPT4ngjh+1SxKscjqrv5TwruI4IOeqirerfGrwRa2es6ZYWUMMV/vjmudJuY7aRs5BfmPrgsB2+Y8A16N8YP2xPG/7RfhHVNI8W/DC0HhuzUb9et4poWt5CwEbxO+4Eh+3OQTnivhm48Lass8iiwkk+cqWUdeevXNay5FFaajhFyk2z7TbSfA/ivVLDxJHZTakJIY2W6ilDrM0YCsWGANwIwR3Iz0qx4t0Xwxf6TKPEV/dR2up6g9zBcXUkcItmWNYzGpByV2KnGDxzXjH7Nuv/ZrXUvB2qW5kNwWubFHkMbxXKj5lHOAXQdDwSg9a9c8VeAf+FheFtW0KYDzJohPp7NIG8m6QHy1Oexy0ZPTD+wryI1qntO6Pu5ZVhZ4HmS5Z2v6nNeK/GngX4c2vhvS/t982myRXU0ltYxRTidXVoMu/mDbkFiAB6dOK5LwlceF9Osbu80KfU3urqCSG3uLq13pFuGDkBuSAfWvKD4fC+H7qw1KAWt9GzupmGWikUn5G9mwVPvg9qqaPMq3a2rSNiTPfgYAyMfnW1ao4xcorY8LB4SEqsadV6M9e+Iek3uofBbw7caLpkl/F9rkhurv7KDMjRbUiXHJVSN5wMbiPatHwrHf+A/h/p8niGJtM8Ra9qf2K0jkwJDZvGY53Kfwr86Lu6/MR2ONz4Qaje6bPZ29ldzWyy3EcbeXKy5BGTkA4PbrUPx7uFvfjl4DtZGM88WnwzzSyHLHdcTyDJ9kVfbmuHCY5Yibgo6o9rOOHKmW4f6y5pwey6n7laPFBDptpHbsrW6QosbL0KhQAR7YxV6vHP2UfGEnjr4E+FdRlmaS6htzZSlj/ABRttGffAWvY16AV6R8fF3SAMG6HNOpqqF6U6goKKKKACimq+6nUAFFFFABRRRQB8CrqEi/ufL/fYyMUy2XUbxz5snlRqe/U1pLCkQyBhzxuqO7uSsJCjc2fSv59tpqz+p+a791CpceXJJGSRjoxqBrwQoN5DnqCKpXGoTxssaQbyeC56LVGZXdHVpBl8cx9qlyexrCnfctSTR3k0jzjaFHHp9aiWaBo3MIY46e9QSTJ5SRv8y7sZbjjHek3JZ27zRDzELevA9hUHRaxLav51mTNJ54DfkfSlt4FkjaPbsyOBnk1Xjj+0Rq/KIGycVYt5I4lBEok2jaXI5zSurD1TJWDx/u1Q7sY+Y1MSisySbg20dP5VVR9swRtz7uS3pVldShhkRJQCrEgE9aaauZyuWo5DJGjpP8AJGMFVIpi3oRsl8qO+eKrpZ2148ixloyx5XoPqanawMGRHFuAH3+1ae8zO0dmWmntpVIOAp6H1qNd0M0TrHvXkZzVUyBmCN8m3HQcVPHJcQyKrFTH1DdqLk8ttjH+IFpf+JfBPiHTbDy4726sZoIVboWZSAOf61+cvxO8XWdxpV34b0rRZtKghlVit0yfutildkaIAAOTuY5Y+3NfpzNIJMYUI/r0r4U/bJ+GTeHfF0XiawtmWy1EN57L91Zs/MMf7XX8TX6Nwnm88G6uDTSVTy/A/L+MsoWKpwxsfsdD5LjgkbMY5APTOPxqfT7TzHACtImeWXoO/WtFreCNmIi3s3/PTpj6f40ruWxydo4AxwK+65kfk9iSab7TIv2p8QoMJBC27ac/3myBn2pwvPL+eCJIG/56D5n/AO+j/TFVmYcBm25PTGcV6PpHwbutQ8OQaibtEuJsFLUjBAJ6nPTirXvbEu0dWedNI8khkY5bqWY8/rW14e8OXHiOVlEnlxRjl2BIH+yPf2r6k8Efsx6ZFZxyX1p9qcnd510xOCR/Cuce/Su/0/4SeHPDEIYJHlTkkqADSnFJXk7DhP3rRjc8H+G/wp0Y2cktxpVxd6hG/DXC5BBHDBSdoH154r6J+FWuQ6Lo8tjOkek2scjL87qiyAfxHAGfT8K1dP8ADt9qH/IL0wvAyENJIBGmRyCCevcd+1c38Qv2dtV+JHh66tDdxaY0Km4tFb5ma4UEovB+UEnBOe9eQ8wwdGXvVD3YZTj8TG8aTV/Is+P/ANpvwP8AD8mF7yXWtQxkWmlJ5p/4E5wqj8a+cfHP7aXi7Xmkg0C2tfC1oQQJExc3f/fbDap+i/jXg2sxahBqE1teCZLqKQxSRSA7lcHBUj1BBFekfDn9ln4jfEby5bHQ5NN0+Tpf6rm3jI9QCNzfgK9LEYqhTXPzWj5nn0cuxNWfsowbl5HF6v4u1jxJJ5mqand6nLuLedeTGV8n0J6D2FRaPoeo+JNRjstKs7nVL6Q4S3tYmldj6YUE19t/DX9gbw3o6rceLNTuPEF0ME2lqTbW30J++w/Fa+i/CfgfQvAlmLXQtFsdFt8Y22sQTd/vN1b8Sa+VxnE9KK5KV5W+4+xwPB9ep72Iaj5dT4Z+HP7DPjjxZLHL4hlt/CNi3UXOJ7oj2iU4B/3mFfUPw+/Y9+GfgFY5ptNbxNqac/adZYSID6rEBsH4g/WvYNwDD17570m+KWR8SEKvUV8fic7xeKbXNZdkfd4Ph7BYSzULvuyzBHb29vFDFEqRoMJDGAqoPQAcD8KsfapI4dyx7T05qjaw2keZnunzn7uafeyLNH+4Z2A/izXjxqTj7ylr6ntyo05e446eZYfWmjYCWIY7Gvnn9rfxWnhPw3pbaPHFZarP53kPbwKDnC7uQPQ9+te5vZ3VwMzSrgenavFv2kvDMWr6HpM8kod7aeRE54JdDx7/AHa9bLcZWjiIxcrpnk5pl+GeEnJRSduh8Gal4+8TXkh+16vdlz1ycZ/IVz+qatfX5xc3c1wF/wCekhYV0HizR5V1ALCjyE5JVF6elcvdafLDxIR8vJXeDiv1mlJzimz8Pr04wk0jP45zVK8Y7RyMH0r1rxJ4TM2h2Wq6dahktY1N2xUAOx5PHoBgVwt1LHfMsgto4iwI2KMAYOK6vZ2Vzg5+h+nX/BKjQRYfAfW7mYxyrqOrNNGFHKhUEZDfiufxr3n4+aDnSfDFxaqqNH4htPMJIAEZEgbk9K+WP+CU/iiGy8O+PdJvb0RYubW4ggdsgKUdWKj0yBX118aGtvEfg+0srfUI4Jf7VspQ2M5CSgsv/AlDL+NFNPl5TOUoqpzpWR85XE+leKN17oMcFlZXSY/tK1QCe6B4YoTwF6jceT29a5XSb7wt8P77VtLjuLbT7KEQIii4UEsE+b5sHLDvn1r5P+I3iaS38fa6kVy0Fqt7MIrRSQEUMdoGOwGBWmurP4k8J2PlfNNDcyYickAEnOBjqe/Oa7Ie/wBdSKkrWsrI9q+NWuaV428Gs+n6kt+YLmF94uFlCDLJgY6de9eI29mI8AOvHYfzre+BtvBqHjO40cxKHvImJSQMcFAzdDwcc81614q+H9xNos1rZ2lkbtnR45DFtbIIJAPOM+g4r6rLeH62ZUJVqUlp0PBxea0cHVVOr1PlW0n1i317X1sbtLeOeVo2+1/NHIuxkI2YOT8xGe2OOa6/4Q/D/WvH2qa2zapbiZZbaBrm6ZmjfKMAQVGQoC46ZHen/AzTfA2p/FTV7H4mXU0McM0jQ2JlENlNIPMMn2h8qwAAG3afvY7V3v7POi6VrWsfEPRvCHiO9GnGSFNG1DU4B5uWiZj5iKcAqQVBz6fSvmp0XRqOEt0ev7RTipLqZGu/BvWtD1i7s5b6yke3lZGaPzNpII6ccit+T4D+IPDPw5g+IOrS2U3hQXTWcgtZm89JRjaGQqMK2cZUntnHWu90a31rUND0K5e+dLqFP9IWXh7yYxvsQjBABKhjnHQiotT8CfFTSrq98H+INfh17w3rlqsjLbysLWF3iDwyYKjYyMwBxn7rClbyM+a/U8S1T42eIb+2jsEuRFpkIVYLYRR4RFPAHy19+f8ABPbxR/wlHwXk8OkM17b+I550dQSIUKJJuOO24njjr3zXx5YfseeIY9BvrzVPEeh2V3ApaO0jEsxnAXPDgKAc8AEHtXqf7Inii7+Ffh/xXDf6lDZaXKbe6uZHBUDBKbWyM4YkZGedvPApRXvajmo8tkfceseEbXUNV1j7PcSXeqWWpx3ljcxyDdiWBFkB2+jRN06E/Wqcng+NLpr3W7r7fdgc75N+AOxb0/SuQ/4WHqGuyC80eZLW3mgRAbQ7Y/LXJXce/Jb/AAqnqGv38sTpcahNdserE4X8B/U1lUvLYKbUdDu28cafYt5CkKF4GwcfSui0/wAeab9nj/fgeuWrwmNyzZJ46knmtBLyJMDzADjPIx/SueNM1lUPbJvHGmt1lVjn1Bq7Y6hp2txOYPJn2gblwpIBzjI7Zwfrg14O19D3ljI+ortPhZCJdevLuNlYC1EDFTnOXDD+TfmfWiULDjK7PK/GXhnUvC/xI1/+zJba502ScTx2t0zobbeisyKy5yoJOMjPOM8Vw/j7RfGDWM2qaHrUVtfxhAmmJAskMpMi7su/zA7c8jAyBXrnjpjceNtabqFuCg/BVH9K5jWpPs9qGOB86/eOBxk8/lWsbW1MvtGvpeg+ForoSXfjuSWOMedLarFKjKnPOShBxhs544r8qvjt8Ro/iX8a/E+u2l1JdaT9oe00uXlc2cZKRnHbcvzH/fNbHxO+OXxMhm1vwPea9BFpUkq21w1nbwoZ0B+VTOqB2Q5555B57ivILXVJNB1KKURWt09rNkx3UQlil2noynhl9j1rnlCm5c9te56MKlWMHTT919DV0Xw7c63qDw6aiyueAoPLHOAB6k19E/BH9n+G60+317xB4cbWLWRnQQNcPujZX2ndCNu4YB43H6Vi/B3xJN4++I3g0xaRbDT7O/WA30cawSMEiLYZBweFB6mvt3wPbpF4bhIAAkmnkAA45lariZSujhPEWrL4U8Mmy8I+GltPOXyvJFmLSONTwzkgckAk45z617t8O/gzJq2jwalfTLAlwgeKIwhm2dAWycD6CuG8URr9hZOAXZV/M17/AOMtau/BfgPR4NN2w3129tZRzMoYQgoWd8HqQqNgepFKTa0Rlo1dlKz+ElpZN+7vhGfQQL/Q1s2/w9tY1SP7Zwv3yE+9z1AzgfrXn8epX+dzXk7NnJJc1Yj8RahDwLqT/vo1ahLe5nzo7W9+GOnyYaO7Cn/ppGD/ACrwX4mfB648LXv9oaf8iiTzIJFGU3A5A9iPTuK9Ak8X6ouVW6fjuSa6Cz8cWOoae9trflJFt2Sed9wg+v8Anj1pe9DVjUoy0PMfhT8Y/CHwQ0W28K3tpdWWiXEV1qsElk2Wt5GkZ5oCmRnkNsxzgL13Cvi34uePNR1L4x634t8D67NYi6nmMF1LuSZYnyCh9ip5BB696+rfjl8P9Pj0f+0dIvodQtoZNywrIryQo3DcdSOnP518ReMrN9J8TXNux2jh0wMBlYZBHH+SDXYpcyuTZRdjm75fFF5cy3E08F7cSOXkmkkYu7EYyTnngD6VP4h8SeMPEWoNe6jHa3N4YkhMyuVYqqhQMg+g6967L4b+B7/4jaxc6fZXkVu1vayXcjTHLNGhUvsUD5mCkttyOFJ7V9WaZ/wTVuPEGk2uoaf8VNJliuoVlUTacysMjODiXjH07VOseoXi3sfGNr4+8ef8Iq3hqUsfD7MXezSUYOSrFcnkKWRTtzjIzWBefDu61Kd7oSQiSVi7KZNvU5r7e17/AIJu+LfDtvDKvjfQb2KWVYNwtp1wWztLYBwM8Z6AkfWvKdW/Zm8VaP4sj8PDUNLub2WVYUffJHEZGX5F3MnG44UZ4yecUcrkrmkZxjofPLaDfaHqGnaku37TbOMvkkF1G5GyD6DH4V6R4g+MxXRdPvdLtI7cXcQuJ8M2fMzh1HPADA/gRXL675sLXukX8b28qs0MsMnDI6nBVh6giuTtIftGnvosjK0wDXEJC8+YDhlPruQZHuoryKz+rybjsz7rL5vH01Sl8S0+RU+IXiWTxVHd6vcIftkqHz2UYBz9x8D8QT64PU1xGmR3eo6hbQWsby3rBY41jALPIzYUD3yQK9Z8N2dhHdWc15Dvs3dYp1Bz8h4bA6HHWvYrfwf4H8AumtJpFhJf2z+Za3CRffYcq20naO2eOKvC1aeJvrsednGX18ulGTWj2Pcv2W/2KfE/iPQbzUfGtvqngzU7VEayS4ijCzzEEMXXJIUELkj1OK8F+ImpX3/Ceala6roFppfiGwI0mXbGzzRCIeWEViTnj+LGSGz3r9Ev2IfjQnxa+Ddta3c6vrmilbS6Vh80i4zHL+IyD7qa89/bH+D0em+K9J+KWnWyOQFstYVU5LBcQT/XP7tj/uV0U8PRotypRtc8vEZpjcZSVHE1G0uh33/BOe31S0+DerQagx2JrMvkRyE+YgMcZYMO3J4r6vFfKn7COtSX2i+L7eTqLuG5/F0Kn/0AV9Vik9zgjsLRRRSLEzS0zHzZxTjQAtFMVjnkYp9ABRRRQAUUUUAfCYKLbtJKWYrzgVHIrKFKqdrHmq8etJFHnyDNIW2hxyFq2t8oUGR93HAr+f8AmTP6ktJPYzrppYYnRlXy8/frHMc6h3VEUdUZe4966pbWLUlVSpB69arHS3tbeSJQrOxwPYVEo31N4VUvde5zslq91cKpTEancz565HSphBAYvKAXBb7iniprppLbbGyNnGAgXqfWq8lvLJMryosMKkY9W96zsdPMnrcfDbytcbSQtsqfcPr6VRtpLkSLstFeDeQzsePwrUmsbudgJSsVueSynnFMumXTbeRIVknAwMKM4yeKfKQpBFb/AGuQEAAh87c84pj6W8khkYqTG2eV6fSrItPseLmGMrNjJ3d6q2smpedIsuNzfxEcDNLRF3bu0y+qqsDBwQrD768YpwuLiO3jCv5u7gdsfWsnVJGXy1c7HLhdqng0kdxcTXA+0I8Swfd28BuOMVXMS4Ju7OiW5giUx3KDd3NTRyW7KY1O1TyBmuTvbn7RGYQWDK2W3nqPrVy1u4myiSAxjAaTH6Uc+pm6Ol7m3ObTaPmbjvmuV+Jvgiw+I3gXU9CnAZbmImGUjBjlGSh/Pj6E1fiulWTehkOX27WH6j2qWOO4s2MkzAxgkqCeDzW9GtKlUU47owrYaFanKlPVM/J7xBplzoGoXlhcRtFeWrskkUnYg4I/T9KsaL4H1vXvA+veLIFE2laLcW9vdhfvp52/aw4xtBTB9Cwr7I+On7MknxW8eQa/ouoWekyXXF8s8bsGYYHmKF9R1Bxz9a9T+F/wH8OfDf4eal4UWM6ra6wrDVLmbANySpXAUfdCg/KOx5JJr9LlxFh40ITi7ye6/M/IafCeKliZwmrQV7Pv2PzT8Oa5J4d1/TNTjiEn2OdZgpxyAeevtn8a2V+IHittZfUYNXuLCAzbhHHLsQAsTgjoxI/vcnmvv/wh+yH8K/D1q8F5o1xrU83yvd6ncMWTJH3VTaq8d+Tx1r4dvfGuqeCdB8YeAodEs7q1W+dZb57QNLBskZCzNggkjCqx+7/Cea9jA5rSxzlGl0Pn80yKtlqjOrrc9p8L/tDa/qOn6boNnpn23XpiltE0riONycBDk9Oor6g+EXgnVP7N/tXxMpF7PjFjeWiK9oynDYIZgwOMg+mDmvjj4c3ei6XefBHXzbmO5kvXsrxWkykxWUoH2EcMuUOfdemK/RFZI4QyueOdrev1r5jPsbVglSWiZ9hw5ltG7rOzaI7iNoW+XBOOhNVjIzMgHysw5U961Lea3mVsDJX2rPnVnbMSsH3dfavgmr63P0uEvstGRZ/DnwrZ+JLjX18P6UmuTfPJffZEMrMerbiOCfUYPrWy99cfMSm4njIPNSi0uHZmYnao5c1XWGWGViH35GeR1rp5alday27nN+6oO6W/YrNM+/LTeW3RVY4qW6WWOzUb97nncT1qX+yBNHuuemfvNUkdi6p5akFV+7n0rqjltaT5Y6s5p5thaa556L0K6sFiQZLtjGPQ0myePAjh3yk5JzxinSabNIzFZPJONvPUmpLc3cSmKeRSVHYYyKyqYGtSTlJbGlPMsPWko03uRFfKnAJHmMOUHOKktp1hbEaq2eDg1H5SqwK74pWOQWFWkVYSdqLIe+wc1yewqR1asdftqc1o7kvmBkJ+5uPY8GvMP2k/M0v4Valqltp63k2mSR3iqzEAFWxk47AMa9HkV/L3KhyR90dqTU9LstU0m40++j8+3uomjmhf+NSMEVrh6nsasajWxzYqj7ajKnF/ErH5Ra94u1PXmdp5VhRjnybdQi4/rXLXDfTPFe+ftAfCCf4cXz26DzrR1MtvIFxlMnAPHUDg/SvDI7NFkQS7kZmAVV69a/YMFio4mCnDY/B8xwUsDUcJvUvajfX0eqvax3FxHb7yoiWQ+X6cDtVjUrAwvA3kGONgzKq+u4j+YNUtWaa+8eXOn2WkLfXpvTbxRxrIZJW3YA2q3J+le1/ET4cfYbW3Symt2ubMTRG1Em47DK7KDJ037WGQcYx1r2k+jPnHuZnwCbW7O81C/wBK8QWehyptDLcziEzBuwHfBH4ZFfQWqeJvGh0ezvb7VYf7PgnSf7XJdARvtB2hR95ySeMCvH/A/wABYrh9G1vxhDJFACZbbQtm64vTkbS4/gj9QevsOvud54RXxCvma2nlwwjEWn2rZEa9Oew7dPTAxXBUouVTm5mdka0Iw5eXU+P/ABra3UesXpkgMy3UnnpIi5U59OM/h2xXW/D7wTq3jrS0tdPnFnKLl2lkkhdlVdgG8sBt5JwF6556Dj3uTRfDek6m0Z8OX2oyJ/DsZoegP3ycE9AfSr+oPf3GmLHPdSW1uu0LpOioIdqkkEbhgnA64IrujPlRyS97c8+0fQ7D4P8AiKy1e5v7zU9Vscu1rEsaBsoQQzDJAIJOOT06Zr6LsoZL6MSw7GR0V4yzcFSuQfxBrznRdG0KSOSC2s4VkjBEtvdR75RnqSG6fXp71r/8LKuPDEY05bO6ktrWPZGws1eLYAANjA5x0HNfa5BxAstjOnXTae1j4niDIamZOFTDtKS7nw/8Y9Jlj+MXizT7a0eSX+05ljt4ULsctwABnPXsK9k/ZP8ABlvq2g+JhqJ1Gzure+ij2xTSQEDyicMvHOfWvSfNkGvalrdl4FtRq2oyE3F/NdKssrHkgFQccDoCK3/CkOp3OvSS6phYmgYpCrAqrZUAHnJIGcE+/SvmMTiI18TKpHZs+ppUXSw8act0kaumeA7WG6BGpaztHGPt0mf/AEKvRdCsdJ0do7i6n1a9VOsdzdGRTz6E9eOvuawrazt1ywQVh+PtQi03w/ezxhkkWM7CrMDu6A9fWr0iY2v1PoXwy+n+OpZLXT9KuZJlXcEkKfMOhx68eteT+GfCUeg+LvHOl6toywiKeJvsl2oYYO50bH05B96pf21NceFba4chJDbK7CMY528msP4Q3kh0XxpeSklmuFGWOfuxMf60SvIcfd1PafCFw0nhbS/lWONoQyxxrtUZJPT8a0pVDcHrWZ4PTy/C+kJ0K2kXH/ABWtt79qnl0FzWdxsMJHIBz22sAfwPari/aNp/4+/fE6GolRXXGVx3DruH4infY0bnZae/+jkfyNTawXFZZv8Ap7H/AHw1ehfCeGTy9QkfzDl0TMgCnoT0H1rzl7PniO1/BXWvTfhT5UOm3iZiEwnDOkbE4BUbSc884P5VlUWhpTfvHmWvTCbxBqkvVXu5W/8AHzXK+Lb62s7ET3qXElnCHmnjtI/MmaNUJdY1/ifGcDucCp7jxVpkjzS/2jajc7MSZlxyxPr71nt4ivodY0jUfDy2l/NaXAYyM/mJHIcbMgcHJB4JGcU0tLD63Z4b4b/Zo8F69car4i8ZaFJqd1rci39stys1r9mtzGvlxFVIAkCgFuvPHbnIuP2MfAPxGmmt/Cmn3mkR27vbHU477fF9o2lkjaOTJb/gJHGa+nfiJ8VvE32e3l8WWmj22maFOlzONjW6Lldu2Q7jsVg2OmORz0rwXxJ+394V8H6zd6bpHgDTdRt9ysLrSdYZUZgM7hiJg2CT+teLDK5wxDq1azafQ+tqZ5SlhY4ejh4prrucH8J/gvqHwL+IGleE/FkJtfFERn1mOO3cvBLb+U8SyglR9ADhuTnpX074WTyfDOlZ5zbq3vzz/WvmLUf2z9I+KHxSXXNW03+xo49F/s2zElybubzDIWYeZtHDEj5cYUKeTmvqHS/3WlWMQz8lvGv5KK9W0VsfMycn8RU1qMXV3YwnB8y6jUAjPOc1778V8LpthCBkrOuAAMjah6V4RYKLzxp4etgCQ96p/WvZvi9dr9o06JmXG6R8PnHQD+tZvWSFtE4lpJFB5n/CNTUHmT4Pzyk/7VvTd0Wetvj/AH3FK3lDLBofwuWFdiXc5LtDRcHacksd2MMhQj8KpzSGTPCnjGMZB9anZxtGORzyJC4/OqzNzjtTtfQauZN5btYwy3FujSKil2t05bgZOz34xj3ryf4d/AXTv2tG1DV78X3wvudPG0LcW4nW6Qtx8rFCpBJzjI617FeMVtpW6HYxGfpW/wDDHxpZeEdQaK91AWH2pEUSSRiRAq5yTnJwM9qEkFz5n1j9nyH4OfFKbQNM8ZNqV02liddSisvKazaWQxZChyGIQOeo6/Sqt14DvvhfPrCLrmoeK7LayyvbvIrSuJRtkjKksuUIPXjBzxXrXxWkh8b+Kpb3XLK2DzQLbJLZkxpNApJXrk98kZPNcnb/AAt8OzNlYXhHTctwV/kRV2G5E+safrenatY3GnXc97pLQLDHHIzxeXKu0uZuTvJUttIxyOmTXnz+HfG/jiz1VdA8cf2VDa31zdTz3m77S1sJwgjt8gA7FO7acZ/Cu+u/hRo1rbtJFqF8mznEd7J/8XXnPirwRbXVwq2/iLWo0T+E3TyLkdxuapuUtNTxr47aCkOv6RPql1DqN5ia1vdQWQqLkKSIp2xjJ9T3HXpXkP2670u7Cwr5U8D8dflZW/xFe4/FPwROuhxzR6o93NZSLIXnjLExDAYHBycD5s9eK8G1C6F9CL/5mLSNFI69eCdjH6r+qmsKtGlOndrU9fDY3EUZLklZI9T0WE+INPj1G0j+WU7njT/llJ0ZMfXp7Yrrde8R6nZ+AXsv7H0+5dg1s19eeZ5kJxlNgHALKGUE55B9RXnfwN+LD+Ary8sJLO3v7W+2sEuYUkKSD0LDuvH4Cut+KXx0i8SeEWsrLQLC28y6T9/b24R2KEEplfqM/UV8pQpVcNjrxXus/V8RjMJm2RNVpWqR8+qPs79h/wACy/D3wfo/xQh8TCGbULeWK98NkR+XLbCYgYfdkSDG9QRnI296+89V0/S/G/h26sb1VvtL1K3MUo25WSNx1Bx9CD2IHpX8+X2q8tb5WjujZzQOJ40kJR16NuXjrnHvwPSv1t/Yr/aA1Lxr8C9Kl11Wu7uzmlsmuiyq0hQgk5KncfmGfckV9l7PmjeJ+JylKL947/8AY9+FfiH4X6r8RbHXUZoU1GG2sLzZtW7gVCyyr9Q4B9GDDtX0xztrhvB/jiDVtRFisbqzqXVmZT0HoBXcI2a4ppp6nVTakroi3SrMqhAY8Els8g/SpxRS1BqFFFFABRSE460bgaAFopCfbNLQAUUUUAfnpawvZxlLeBhHHkPIT97/ACafGLia4izGVXYWOT/FmrsN4LjKGI4LfMGHFWplg2sELb3XH0+lfzxyqx/VsptOzRz9zcXtnqUBjm+Q5EoPRfSpf7YlYoLjdG3Xzk5BFDaTcszRTRpJCSS8hYljxxxWlHp6rbqI0XzMbcnnihJ3LlKFkOsL95gXuFVosZUtTwtveSZZcrnI9qg+wtH8rszRZ2kdiauLHbwqyniPbgdq0V7HPJxveI5tPinJUT7Sq9CeKjTShHGwRt245JBzmp4bNINzEg5XbuPeoImaYeVBIEZe/rV+qM1KWtnoVbnTGmQGdmKqeicZ5pt0slxbslvGySdA7dMVf8+baRnzAvIxxuPpil845wQIyRu+lS0jRTl1Mw6LC9ur3QEk0bBw2O46Ul+0lxGiJEd2O49a2DdwTW5iB57gVJGbaaNUafZIOPmxmjlVrIXtZR1aOW0/w0YT5t26svV0XoTU0q28aPFaqXLnb8vRa6SXTYXUCOTevfJpv9npDCPKRA/+z3+tCp22H9ZT1Zhx6SqTLM0jHjacnpUWsr5dukCEzSsxKhuwrVNpJ5rJM20NyNvSrrWo2oBBucDCscUculgdWzTOc0/R5FgRGPlFP+Wmc7vWlulazDOsgcZxtA6e9bElvMzOAViKjkHrTRptvhZJGaaVRhVxwDUqA/arqyCG6eaRIzH+6I4kYc9K/N39q+2bwz8XPGOkQb7MahfJqG6NyqzRSxK+xgPvAPgjsMHvX6SyedI6+WrbwPoM18f/ALV2ox/Dzx/da7qFgJL3xF4VudLsrmEKfstyHC7+eB8hxkcgHjvX1vDdVxxbp90fG8VUVPAc6+yzwTw7Ha3nwZGqSSzJqPhnXlktmUgJiZUYhgefvQnGO+a/TzSdWtdR0WCdoS0c0SSK3ruUH+tfmH8Ko7DxP4V8deHriRrcNpUGoRuhBzPbvyxzjgrK2e+K+6/gf40bxN8G/Cly8Mk0v2KOFyvIJjGwn81r0uI1ywi10f5nl8K++2n1S/A9UXVLGzYsdyrjHTg5rRhureaF2jBHuO9cvDGlwytM5jjxzGw6UuoQiFf3YYvkALnbn3r4KMnufok6ML76nS2s8TEsJS6MelTedbk7No2npk1xwuJbPMaxMJOhAfJx60+bUmuIoleMqG5DqeQaftHHQl4bm6naPsa1Y8MmflUmqjahJHsCmJVHUt1rmofEEOnymCS7Ut1C9evetRdQgk8sBlJbktW8cRNaxdmc8sHHaUbr0NNdQWVWZ4VZl53LTmkjuYy+75u2R0qlHIkW6SFjLH3GOlSW7EjKISG/vdK0dao95GP1enH4Y2Bts0ibnbfjHIzj3qb7FvypAbn7ycGlZSVBYZcHqoprXI5yCAo6ZputOW7EqMF8CHTRhFKIdw6c9qrxx/ZFDzDe479aiWR7iU/JtVjx70rSG3DJtLOxxk9BXM3d3OlRa0Pl79urxB/Zvh/w8bXTjLJcvLH/AGkT8kYwD5eP73cZ7A18RQKxvrdpc5eVfvdfvCv1X8daLo+reHrp9esLe60y3XzCtxGGBbGBgHvzj8a+YLP4e+F59Tgvx4ds47S3uN2nxXJZmlmDbhuO75kX7xHTCgV+kcP1p1KPIo2S69z8p4ro0qNZVXO7fTsVPhj8J28Nahrmui3D+IdamleDcuG0+yZyd3+y8gz77cD1r0Cz8Ip4TSGPTNDj1G+k3f6ZfMAkQGDuZevfACjPHNVby48Rx3Uiabq1pDG2JXuJrQSSTyH7zPnjHAwB0HFP03xfq2mytB4mnt5jM48m6t0EWz/ZYDjHvX2nqfmr8jZk07FrcG7k8+7uxsnuYSysc9FU5yoHQYNYc2k3+lMRpus3Nm64/dTEzQt7EPkj8Kv6hruni8ihk1G3t7uRwFtzINxJPXHY1ZksWlyzHk8butaxhfYzcrblLSJ59V3xXcsa3kPE0S/cbPR09qrXVjLbyvGzM69toypHXj8a53x5JdeGbX+1bN9k8a+V0BXB/wA/5xXK+DviNe32tR2+q3Alt5sxhmAXY3Y+wJ4/Gk3Z8rDfVHfzQpdSRGaWQTQkmC5Q7Xi5/hYdR7GtvyxrlnNbvPi5hJHzAA9OG46e+PesqfT22sIxvjcZHGdo/wA/hXL+M/FVz4Zv7eW2Cl5kV/Lfp0wf1Xr60pRS94ad1Y07a5NvII57c3KbwzLg5DDIyPRvcetdBDeQxXUXm5ZHJEMh+VlYDlGx3H6/nXGeF/Fg8QSS3DQrbzR4D+X9CNw+lblndNJqMjs/nrIGcsRj7oypx+B6etT5ofkzVbx9q+kyNbXmkNdMTiOSzkXEg/4H0OOxrG8XeOLDxB4f1GG8g1PT54lDlJYNmCORg5IPOMjIJzxWxMkuqaXcPbp5rwr5vIHK98/hyKz1+y6xZ3UF2ZLpHUCWCRjgqvV17jGQT+fampS7i5U+h1nh/wAbaP4p8EWtxp9z5wWFYXTo0bgDKsO38jVDwJ420uztdY8PSS+TdaizPbTMQFeTZt2H0J4x68j6/Puvfs6+KNT1qa38N3cOowzZkiBnSKcLnowJUZHTI6+lYt7+yT8bdOcE+FtXkkByuxt5b3GGrsU3K1kc0oqOjZ+kvhO6ivNFs2hOY1hRRjnBCgEH0IINdBHDnjH6V8W/D/X/AIv+GNCisvFPws8WanqEJ2rqFghjMyYGDID1f1bvxnnr0Vx+0rdeD5IY/EHgTxlpDS5EYu5Yo95HXBeRc4rVOy1Ofl10PrVYVXnpzmnrtXIGOtfKtv8AtgaHIoY6D4wQE4+XyJOfwnqwn7Xvht1JNl40h45P9nB8D/gMhpe0iHspn09JIFXgjNY9940HhO11fWre5VX0y0me4RGDZVI2do3XPoMjOCDg/X52uf2s/Du0kf8ACXL6+bos2Bnocrn1ry/xJ8YvDGj+GfEekfD/AEDxHqWreJ45Ibu4vraSKNFcMHbdIMs+GOP1PrlKSsa06bT1PmDSviV4g8Iaha6t4d1m4027beUbzBKwyeSwcEc56Yr2lf24vid4f0r/AIpjxnrFpqTqralLe29i0dx8qKqrGsIOVYvgkn5SBjgmuF034c6amnxpqfgrWjOrESTJc4UAkbQVzxjnmu/+Ef7Llh8bfiRe+CNB0jU7LWbKKeSZr+8CQDyyBgOFbknOBjnr2rNKTV7nVLljLleplav+3B8bPGHhVtG1vxgb/TL0iCWBtLttzIrBgpYRgkbgPl+tP/Y9+Jfh/wCDfirXtT1zT1+0wxfaNM1N7B7hPMRtsludqkhJI2k6Y+ZEzgV7Nr3/AATV8QeB9Ju9T1K2misbEs823V4kRiBnKuQOMcbm2ivK/C3jvQDpT2ejo0NvYqEaxZfLZUbjd1+bnOT1yfeuuXI0rbo51s7Hjd342tZPjlJ4xudLj1mzGsHUWsbiH7PFfjzdxQooxEJOuBwucdq3n/aO+IsPnzW/iq6SIOSIWRXEYJOEyy5OBxnviqfjZjeXcsRDLGxBXnng8Ee+RWK/gq2m0hb6+1cWURuGgUtbcOcBvvKeTg8j6VySnTowbmdEYubVj60/ZF+L+ueIPiF4e1HxDqVxf2bSeWI1QE+aFLYAGP7v0Ga+v9Q8T33ijxXcz3LeXDHboIrVDlI8se/UsdvJ9sAAV+cX7Nvi/Q/h78SNCtrrW7a40l7mST7TKvleXK0RRevGNx68dea+rvB/ifx3pvjLxDda/DZ3Ohyvt0+KyA3CMMdp3D/ZPO7uazpShUSnEmtFx0Z72kgHFRtIMHPP4V5+vxRiUYl0jUI/+AKf61FN8WLKNG32GpLxj/UA/wDs1dfOji5GdjMwZ2C9PQcYqI8A+ntXIQ/ErT5hu8m+T3a2/wADV6Hx1pUy8G4Hput2zT5kOzNLVv8AjymHQsNo/Eiub1qPzNStwTjZFjj3Oax/iX8bvCnw9s7f+2L9LaS5O6GBgRJLg/eC4yFz/EeOwya4ux+PnhLXpPOj1qG4lZc7IYpOMdh8tVGUQs1qdn4i1J45tPgLZVQzhT0GcVWkuo8HeFI9SK4lvG41y7+2PAbWFfljic/Pt9W7Z9hWVq/jQTfuomAXuQeaG+xcdTp9a15HJiiC7e7dCfauemmj+8wX64rBj1RWLEEZ788jrVm387Uv3cRI3clumBWfQ0t0M28h/tK6MIGQWx0JA9vSvnPxJ4PTwt41k0S+uTpumXcoxcSIZPKjJ3eYFB+bb6DkgYFfX2i2sCysvknylHyOp+Vm/iHP8/rT9akt9PuIrqPR7e9ukxHGVSMSqp5yrMOBn371yuprsdEY2R4V4F/Zr0TxFNb6rbeNI9Z0u3mV54F0e7tGmXOSqvKoUdsnOMZ719HaX4R8OeJNA1Gy+zWMEDxNbpcLGqbXxlWRgvYhTle461zv9sy3Ue7UrVY2P3bbzd4br97jnHp05qjJ4g1+1LPC9tPCz4EM0RXaPTcp4/KlzPoUr21Z5bH+zN4r8SfZo7u90S0uLcyIJZ9QOZIxsKgkK3OWkx7A5xxn6P8Ag74i1P4QfDSLwXqSaVDY295LdjU7S/Z2kkkYE7VKAfdG3r2zivLb7xlaajNbQast94euI3LRz2sreUWIIzvU5xjPb612em2KWNv9pmnl1LcNyTXUgmZRjqpPY9a1VR20M3FN6n2d+yjqUnjfXLrWYLvzbOzieMZByzthQQD2619Ux9snJr8h/C/xG8afDu4+32N7LqFskjOUhkMM6qTnAI4b6EV9B+Ff24vFj2UU2m2lv4rtoUIvbWZfL1C3bsdmV3Ac9c57GoleTuyopQVkj743D1or4Z079rzxRfa0dXhtNRkglVYvsUloI7ZCDggoWypyeWz9Divt60kMkEbvs3soJ2HIyRzg9xmosWpJlmkozQwzSKEYg9+ajit0hXaihRnOB796I4fLZj83zHJyc/lUtAC0UUUAFFFFAH592cLQRF57jzlb25prXE0igWse4Z+YscYHfFdTceCYbW6tbi5SfcSfKtEbG88fezwB15NdDpvhLSLV5Zo7RVkkwGWVy2cfjgfhX5TguGMTiqfPN8va5+45hxjg8HW9nCLn5o89/dwyGRbgt0G0dR60f2lJDMz/APLLgBe35+tejN4d0lZmmFnCsj8GTGM8dKrT+FdKmUboB8nQByF5rrlwjjV8M0ckeOMvl8cJHDQa9a30ZRNsoXllXqD/AI1aFyk6pDDCNpG4hjyPetf/AIQjS9PuJHtUkhaR952P146VbtvDNrH5nlCTOzG772OK4pcM5inayfzO/wD1symWqk18jD84JEpLecjNwR2pftK7f3MagqfmJ449a2pvC9jPCI1mKMvVx2PTpWVceBTOylNRV1KgSbgQcjoRWdTh7MaenJf0Ko8TZVVWtS3qVpHAYOx+Y8ccEUstpFG28SM5k6D2q3b+AZ7XCx3Ecg25PmOSd1Ph8K6nEh+eGZy24fPgfSuV5Lj470mdyz7LHrGujl9S3RiSaG1kMmMDFY8k0dwqPJM0efm8uTIbcK9GXw7q6rIslvCozlGEuTVLWPA9xdwkG22v/fXDHGe1cdXK8ZT1lTa+R6dHOsDU0jVj95y0OsXFvYiVpOT8rBvr1rTsdYMlu7O3mEY4xg/hTNR8JzRzRrLGBFGc+WzYLnHf8aatlM1vG8sex48hypxkDoRXnONSnJpqx6fPRqq8dfMtrrUC5I3EsRnf0FXbW+aXbJluR8qA8Csea1aFUKRecpHzJJ1INOhluVmdo4PL2jcCzDHHaqjKV7Gc6cOW6Nq4mtzIjO7FmpftSNiNEK7v4hXOweJtKvLjjUrXzVyTGzgBT3wTxWTf/FDQrGaFPtn2jYxRxCu4KfXNepDL8XUlaNN/ceJPMcDTjedZW9TtreyON28kMeVY9K+e/wBrq28O6HJ8OfEHihEvtI03XD9os9gdniePJPln74DIhK9wcd69W8YfELRvB/h19d1fUfJ09Yw8SxcvMSMoqDux/wDr9K+L/H2l+L/2iNC8UfEDUc2/hrQ4i0EDZIaNXG6GHPBIUlmc8ZwPp6WUUZwxKqy0UWednNWNTCypRfM5Locz4m1bwfrf7Rev2fgiKCPwzrU97YWf2RDFG0U8e2MqrAEDfzggV9ifs6fDjXfhJ8P7nw1rQjmmtb2R4ZITuWSN0Rsr6YZmUg9x6V8lfHDXvhpo/i7wDe/DiGxh0+Owsry5+yoVlW582QSCTJyr7Fjyvrz3r9AfD3i6y8Tm+SzjuEexdUleZV8tt6hvkZTyMewx3r6XiBfumn1sfMcKyurpaxKckcsCu4glkDfMVHJY9gKr/Z9Q1BFV4mtyG4ZiCceldO0YuiI1RhzuyDUdxZs8Krk5B4Nfmjgz9TVbozDh0u00hHGTJcM+55HbJbj/ADxVG4t11qORbaT7MVIRmbKnr0H4V0MlurY8xBKwOVLdqjuI852Q8ths44J9anl0KUzLXRrPR1YRRrIzsOW+Yn8aopqjtLJBZWwWWFgZd68Y9Aa3lszMAbkkIG+VVHGfelcDcpijZmPHA6UuXqaqfTcjkvntVRoT5Xmc7cZ3Gqtn4jvJrkxyjy1RiocD5TUFxoNxqssb3Ur28MZyERsE1pWtlDa2qgELAgyWZsn3OaerJfJ11JJdcMMh8x3SMDJbbgGiG+h1SEsiyLtb161hNYnUJmELySxtksZBlQPQVqWei22m+W1o7GYrsI3dapNkuEYmjZFNzZwoxxknNSyTwyNvVVLk8Ma52a+cSSxorfKeW7fWub1nxdLpcTukkbBW8uLngN1bj2APeunD0p4ioqUN2ceKqU8LSliKr0irlX4pao/iTUItCjy1rAVmvFUnBY/cTH5n8K4hvAcbalJqVzeiW9C+XBAV/d28eBlI8djzk9eetcF8RIdX1O+fztZura1mXzprW1k8vdKzHLMw5IChVA7Y96xtP8c6h4D8Py21tuvbdVxbvcPue2bOf+BL6Dsa/ZsHhlhKMaSWx/OuZYyWPxMqze+x6dqFtJYTbJAcdRgj8x6/WqOr2MWr2T20gyXXAKdV9/wrx7SfjNrenyNHfS/2pZs2WSfGU9Sh7fTpVrxF4tvvElm0+lXJGmhczWycTpgc7xnlfccV6anFo8jldzjNYt5tO1K6heXc1vKYyytn6Hg+ld5pvxg14eHxZWzwteQjiSRNzvGBzj/aH0NeWtMbe+ZiMxTDafZh0P481bjmkjZWjzlehA5GD1rKLad0XJJrU2Nc8eazrcKW99fzSwNKrNGThMZGMqKpxloZt28KQd3Hrn1+tQ3lp5xLHCtL84x0Ddf51BbsxgV3O1+6kd+np607OTuxKyWhuTardIXdL2bnDfLKc/TrVebULnUlSW4ne4ZcgGVy3GTxzVcPHJAisuZMliwbqD7VRs7jNttJ+cM2QD23GhxewJo7Dwv4gTQJRM8JaJ2UOu7BAzXa2fivS7jUPMjuRAsaynZMMfwMBg9+ccfSvLIbhVtC2FkywAVvQdabHIjMzAY5xkHj/wDXTV46BpI7zTPiZqGl6t5kBEts2EMTchx710el63HDIspGGzgKOQRjkN7Y4rzLT7Vo51nl5iQliV74Gf8ACur028hvrVjCd4J5Q9d3b+Y9qE0xWO61DQ/t0kN1Z3DW9xb5aKfGdoPO0qTyDjoe4BrTk/aX8W/AXw7fSyaJB4iNw6R2zsSsBbGd0m05Q7QRx97AHGK5611lVklspXAEL7Ivm+83fHrg10Gj3EFreJdSWlvfOECy292m+Gdc8q69xyD0yMVpGTjJakSipKzPVfhD+2FrXxK8O6Vqb+F7HTybm4h1OP7RJ+5jihaUyQ/89MhSNpxg45rivFn7TWjftLeHvG3w8ufC9xp93DYXEthczy7wbmJHYDaR8h+TAYH+LpivK9R/auk8H67povvhRp9lfaUZJLRbHVJYI1WRTG/yCMq6sARyO3auN8eftRWuseHdSsPCHw+07wZe6kskV3qcdw08wSQHzBCNqhCwJBbkjccAHke1Sq0FSkqqbl0PMnRnzpw0R4XdafqkmvRXFnEpjYx+SytykYAITHQYHHpVzUjqExe4soPsUzTEkTJxlQAGGRjpnr71zdvZy2zK6MyFTwPStxv7Tt2B8yQDrnB/wryLHqMTUHubu3061uFk+0M3medGGWPZzkfzP4fSuks9f0bWimliW5imUEhom6bcZU8Y/Wsiz1O5hlT7QzPErZK7csfaoJm0XTXWSNJo2ZWXzIYsMGPOTuYg4z2x0FK9kVGLk7Lc6S/m0/w/4d07Urq91VYNTklSLFwhdPL27t8YfcAdwwSMEZxnBx3usfHzTLfw94d0Wzs9UtNZ0+4kuZNesbgQm9gZU8qJlDLwm08553V5Hd61p+s6fYabJfX32e3ZGEcirsLhdu/HYleD61pXng650qSDUXDiC5h3WKyhANi8Ag5PX3xyc4qlJPbYU6UqbtNWPt34gftPfDvWPDvkW3hHU4bma3X7X5l6JbaQNED9z1OQSM44718O3WrPoetz3tj4hm0m7lQo2LchjG2DjIJyCMflUOk+OPEFnod2kup3Gn3HmeUG3nOcgdD0xnHoR9KrXfj3xCniZQzK8Ky7NjQI25R8uScdcU5TuyVHSwmp3R1EJ/xUMcrKmSZYnLMe/RenTrU+m296dMFkutabPaNOl6YLjcRuXKAkMnQglSM8jAq7eeMtR+xrM0UWowvKwzHawgqoYhVJCEgZU89eRVGRbO+sZ1MiaXPMowJT5ZU8+3bdzjHrxRcSuWI/By3nny3k9ggabbiFwEUkncgUgY9AO3StGPw3cWMa/Z57u2jVmjRoNRdQ23G5Rh8DG5cjtketUdD0e7NnZRqU1CL7QskreYGIAOdw/E8fjRpOk3ej2klpIEuJIbk3UU/nnKhkZZI9udoLkRsT1+QDOKxjVp3tdXNeSTWxo28mtxBBDq+sJu+6Y9ZkAJH/AG061cj1zxXb/LH4j8Sxkf3dTc49+SfeuE1jwnqV9HaPAipGIRuhLj90+4lunXJ59a0b2w1CG3ulEcjXUdvHCLjqr4znjPPOKr2kXsyXTfY3Lz4reONEvBD/AMJX4hWJgSjNehs4+qmpbf8AaI8cR7hH4x1l9g5YGCQfTmMc1yGmaLdTWQt5mG8vkyHOBzx+P0qVPhzeyQubaSFgDhtrYY1y1MZRpu05G0aE5K6RDr3iCDxRrUupazeapqep3Dbpbi6ZHZiO3XgDngcDtXp/wS+DOq/GCS9j0S9k0fToCY5bq7YhHkxkIqIctwRn04rx7UNAm02RTcQSJNnI29OO9e6fB/4oa74D+BPjSfw78uu2V5B5UhiDtbQTlg04UjGQyBcnhSwz1FdNGpCp76d0YVISgrbM9Tk/ZK8fWtusY8b2U2xdoDeevToPun0rndQ+Cfi/wZqlnNrWuW11Yu5Ty7OZ2dyFJGdyjA981W+DPxs+IviOzubbxV4tv7K0lntZYNSaRBPt88CZFJBG1o92SRhSAR3B69fGniLxfpq33iiZYHZ5bpbGH7tjbk4RN45ZiACWJ75GK6pSi1oYRjK+pV0Pw+Lpt9zK1rZoSfKVxluPX0xj3rZXXtO1BWtrJJDp8KkSXEIAjYjjaHP3iT1xn8K5eTx9a2rfuYLgxqAVeG3Yj3I3Y4rS0bxBp2uLEqSxwsF2ra3Eexl+mOD61yK99zoZdk86/wB/l6nd26r8qwWsgVVb1PHPHbNQx2Hiq3jD2ertdNw3l3kCSAjpjdjjNX7Fre0WT5lgAP8ArJDtG7p3rcSzmnUM0hbA24Jxx9KtQuQ5WM7RvFmmatNLaXu221CEENDwMEDquemPT+dR3EywTN5EoPGCGOGA9f8A9VYnxB8Jyqg1uzRZLi1/4+IwMeZH3b6r/SvNbfVriG6jmWZmmjbcrs2459fxH86EuXcN9T0e+00XkckhBlRyVZB/e/x71W8J+Lp/CN8+lajK8ml7spJgExg/xL7eo+uKlj8d6OLWJGmlWRl8xo4oiQrY/TFct4s1zTtZW1a28554w255FA/d9fzz/Om1rdDvoeqxazo2rXKrpmoRyynJMJBHHryOnt2rP8SaLPpM1rrmmTNZahExxMhweOxx94Hpg15t4R1FbHxDaSSMuzLKSeBjacf0r0zVvFVleaX5dlcxXGwrJtVuSQec/h7UMS7HpvhzxMnjzwzLBKqwztH5d1boehx95e+D1B+o6ivQvg3+0VrXwP1CLSdfu7nX/CLkIskz7prP0IPdf8+9fI1trWoeDdcml011V1kZcY+Xy+vI+pr0jRvFcnjbR5Li9tIrZlcwuI24bABzjt16UhrQ/SnwD+0H4S8fXf2G2upLPU1cK1ldphhnOxgykqVccqwOD06jFemqwavyf+H9xarr8ekX7yRNCGOm3qyFJYd2MoGH8JIBCnoRxX3z+zz8abDx/pc3h+4ubn/hKNFjWO7S+KmW5TGBcKQAGU98cg4z1BMtFJntNFNU5FOqSwooooAKKKKAPlZh5z+bI2+Yd2ycD0HoPaoWVk5XaVA555GasC3bcpXav4n0p3lh1+YKPUKcCvV5Y2scUZ9UZ7TKo2ndv75HFR+duG0of8K0ZIdu1I2BHUKq9PxqrPJHa3cUUhDySgnDMFx+BOTn2qGklozRVF2IpZFVczKq57s2KkZjHE0SviNhghTT44U1GOCS8gjjmjyyRLllVueRkdcHrimvIVUxkDZuyWx7dD/kVEYtg6ilo0MhjjaVE+X5iBk9Kka4VZi6hF5xjaMcVTZRnO9ccYA4qWNcDI6n06VXI1satxb1FuJo5JG8yNd3fjP0NMt1EahYsIPQU5rdlL857bhjn6UxY8OTtYkcldtHv2FamydcrgCRs9snNTLcBeZXfEeAQeFJIzx6n+VVo5P3zJu5TBZRjIzyM1y3jrxzHbQmGPBlz8yr1/Ks6lRU4OUy6VB15qNJGX4z8Rm81Qx26s0ka79/dQTj8aytNma6vnciScOq5jYbdoHfHeq2gwtfale3Lxs+2NR97A5J4/r+FbEKXiyLIgVEH31xlyPQGvxHPKirYxyjsf0Pw/SdDARpy3FlsxdN5LjhgflLHGK5j4jyT+HfAOuX8ahPs1o0gj3E8DHG73rrIGYtJ5Svuxgq2B+Vcl8Yb5rXwVe208YaK4KQbGHytk8g5+leZgo82Ipp9z1MdKSw1RLsz4p1X4pa1DdSlIinl8+UYyBgj1PWsm78ZeIGtftjzC3tsk+d56Im7HPOa73xz4Z0y6vNNu9Rgs2PnbIpbeZWcSMwCAhTkZJ4zwa9I8Ufsu6/a/DiaaC60/yVhJNl5LhWB52iTG3cffjPev3ilOE43hK6P5qxFGrh58taLi33Pm7WNV8cfErwjPcabDfeIdN0GP8AfXELmSCxQngkngMe3eu0uvilefHD4S/Dz4VeBtLv7PV9MguI9VhUhLeVRsKuzg/MuQ7YYDBbHOa7b4M/CH4n6D8HfF/hK3t9BttA8awxGO6vbl1ubRRIkmdqKc7lQAqSMHv2rC8fXXh/9mXwtN4M8K6gbrxhcLnXdeVQrRqw4ijPVSc/dz8oOTyePmK2OoOTpYdKUn0tt5s+0wmV4myq4xuEF1vv5HCeNtF+F+m/s1+DbnRI7WXx1NfXVtrHmSH7XEY0UqChPyrufAYDDAeoNfaPwR1aG++Gfh3VbeFFe+sIZZ2X/lpIF2kn34Iz7V+bvh3QrXXo7u7SG2uwsp85bi8ELRR/3gCRnqfXGOnNfdf7MNlrFv8ABvw/CyvAoa4Ns0yYL2xkYxt9CM49RzXPxThKlHLqOIk17z+Z6vB1aMsfWoK9ke7RauYlLSjy0x1U8jPrR/akd1Cvlln5z8zYP5Vz91o92ybWHl78MwjO3c3Yk+lRWmkOPtJZd0kqhWmc/dx1r8mUmfsPsofEdPZ6tDtwseXBy249B61oJcw6hGqpICQudy1zckoj8uMzRpGzCNFVTukzxjJ7VpR2NrZrvnlETFSM525HYHH1rRNs5qlON9DSg2xE+cu1c5B9DStJaXyMYpM7W5UDB4rKbWY4VRVt5BG3yLJjeD7/AKd6xrjxHpy3Pknz57iQEIyKQAwHTI4B+taeRHs5X5jqYzbzqP3jKQfukYyKjurWNZGdAjIRt2k1y1nqNy7FrqaePyEA8tgG+U98gd+KW8vJZNiF5IIGUt5yDOwjkBs/yqL30Rr7NxerN9UnQSSqEePGDGuRWfdsW+Yq1uY/4AMZ+nvWfa+IBpdi8d/cyRMyK6zONiPnsOTSyX0N3cRQhHlYADcW4P8A9eqSRXwu7KDC5mhCYaFWG6RThuM8ZPrXlnxCtZ/EEy2FvcR2tnEY47qTlfMGdzquOhJ2Ak9s+te0owa1ZLe0jS2B3OJj8wA6tivk7xJ8WdVuPEU5XTQ3h2OR1ZZBtkuGJDGZW7deB0x19vruHqMfbuq+i/M+A4vxMlhI0E92bniTw3qMNw05tvtEGPleIZUYHcdhXmutajFYxT+c2VIxtIySfSsnVPidrlzq899bahc2YZvlhif5UXPC46H8qjbxsdbctrumW+ptjHnAtBMPoy8H8RX6bGStoficonIC4eO6aKZQIZWzGx6Kf7v5dK0rea4SZfIZkkXgOvHSrE9jp+oT5tBMkBH+pumVmHPZhjI/I1Lb2ItfuuyqedvU/n1FEY6g5W2HTQpNCS/z9Q8ZxwepwPQnmmxxxxwshdiAMqrfxdOOOv1NLdTJCg4IXooUZLE9gO5rndW8RpbRTbt0hQEvDCw+Uf7b9voKU6kaem77DSctjZmvBAQNwQc4UtVWS8mkOFWR+OG2EfzriLTxXc6hPIqj7HCBnEIw3PQ5PJp3jhTY3Vjc2k0/2O9tknjDTM+CRhhk+hB/OoUqstVZDcFHRnWNNcgZ8ubbn+7molvhuw33yecjH/164uKRP7JW4t5pTdggPG0nvztHHt+dJ/wkeoWG1Hm+0Z6wzAOAPr1/WjmrdbM05I8t7neR6oRtVMn2Hb2qxY3L2MaJImSWLbm+6xJzn61y1nq1vfIhGLVmOA2d0ZOemeqn6/rWgbwwvsAZOOV68461cZqWj3MuW2p20dxM8bICS8wAKDHHrn8quaJdPYXEd2jKpU7ljPAPpkdxxXH/ANoGRR9nYoG439Dj0rcs5d0KfMFO3PH41VrCR0rzzXl2kxm8wyncXzjbzzkdsGu28M699ouFgnzuYsGb+8MHHX/PSvP7eURxwqAC78ttHIUf1P8AStzSdTQax5hbcjYWML8oLNxjGfTNSM6rxH4ETxvfW+mrbG5vridUsZVKq3mEfNDljjD4BGTwwOPvV3fh39m0afo9rBqvwyv9SuUuUeW4FwqFo+dy4Ukdxz7VnaXrV34f1bTNSsJFFxa3EU4D/Mp2t8wP1XI/GvSfDv7Yt/rmt+J9H/4R2ziv9Jtbq5jkYv5BaIAhHbdkbhnnjBHpXZRqRi7S6nJVpykrxZzF7+zj4VuQxk+FfiCBypH7q4DfT/liePxr1PQP2Xfh/rGjWKT+EjZXK20YmFyMMZNgBOMDHOeuaTxd+1JbeA5vs+safYm6twkV5FBLLuM5RGdIVPLAbxgnrnPFZvxa/bGtfhBpdzean4XW+D3xtNOitb5kNyqxJI8jlkOzHmxqFwSST0AzXdzU07s4nGrLQ5/xB+wjoV1eXEtlNPDFIQVjUKQuOOMnP614n8UP2GdespUi0W0nukJ3mY7RjggjGa+oPhz+1ho3xG8I6Z4jtdAnttPka5GpPJeAjT1gh813PyZkUqOMAEnjFU/h5+2V4P8AiZfatZWXh7W7O6sbSW9hjuWhzdxRjLbNpwrY52t1+vFRJUpKxpTlXpS5l0PhXU/2PfH+lxtK+kXDIgySIwcfgG5rn5PBN9o29ZNKuXnY4LKjKc9Dxiv0A8aftrfDPwl4itfC+t2ut2+p3UMf2kRRxyLp7OqtskIYEsoIBCZ546iuS+IFx4w8M+EntvDmsTazfTaodl7d3R3CF5VMXlg43IyGNCc4QO7nnGOdUoR+A7ZYqtWt7Q+Ftuq6bfQxTyNBDJMqGJ4AhxjkHI5qp5mm7bOMa5dTXMk+UO4Myjqc8fd4x1zz7V9FftRa1cTaz4d0/wC3RJcPZtcXNigWWISchP3oXLDO8Bv4hGD358L0/wCHWsw6vatd6VFB5V5HZ3btuxBJKAyqQR97BDBSfUdjVwoVJpyhG6RLqRVuZ2O0uvDUurWim00EQz+XkGB/mdtowevGeP0ri774P+Jrht8mmTlsdMAAcV90abfX9h8W7LSIfCVr/Y0NibiTUI7WDCtuAWQ/KCIyVeI4O4yHOAoArb8H/EM6jZ67qWvato8OiWeoT26alLBFbRIiyskakgfM52npkk5470KEZLUyVRx2PhTwn4V8U+HYWt5LC4thnKyhd3B+n4VduPB97NcPJMj+Y+CzOhyf0r9HNJ1TwVrml6ddwa34ev4NRm+zWk0MystxKOsakD7/APs9atJo3hO+eaKOXQrh4VYyBZUO0DqSc9B39O9eVUyGFaUqlOTXc6Y5pOklGSPzy8HfDSbWr6S1BUbVLDdtH/oWK6V/gQVvArSQBmIA+UEDPckNX2rrHgHwZrWlCCb+xlttQjMcUsN5EpmU/KfLbd834ZrK0v4D+HfD2npp0PnXENsmAst6vmouc8su1sfWvDqcOV5VrxxDUbfO52rNYuHvR1PlqT9kPXrhBLaXFmysvyhZcg/Q0zT/ANmnxnpN0ZX0uG529NtwAPrzX17ZeCbaxkhuLKGXMSsqGObzFOeSx65PvTdU8L3F8sALX1sY23I8J5JyDg5Uhh+FYy4ZxLVnir+sUUs35dOQ+GfjJ4L8X6Db2Nxf6S1harL5f2qIq+wkEYJGcZ9TxXnnhKfxVpvia0i0/U7qzuXk8otCRkqfvAgjBBHUHIr9EdW8Em8WZXF35cn3rZ1UxHuQRs3Y/GvIPEvwt0XwRosF+bUtrhkZFmjUxxHcWOFUkkYUqvXtmvdwOXTy+j7OUrnJVxccRK9rHlGj6db291c6zqgVreJmcBhkMRkliBxj26fhW3p2tXd/pct1NaRxvdSGRQ3XZtwCffknHvU3iLX9F0Gxe1Nyz3cagARL5hQ4wcjoOP7x/Cud0rxRBbQgxXMlwshz5FyRliO4PIPXtzXVe7sxbamxH5lw2zAxnG5R0GPT1qHWPDKalGZEIinXlXAz+fHI/lVOXxxYWuoCGZWj2/fliPCHuOOSK17zxRZ2elNeQ7b5cY/dDcAT03elaqKsRd3PO9WurszfZb933RdEJyueeR6g/wD1q3vC/wAQ9R8P2L2nm+dCFxCZxu8pieD6kVzOqajc69e+cxMhAPyRrwo9vpSQwkoA3XnA/ShX6DstzS1jxHrusxzC6uXLNyVVgqMM8Fegx9KxbOPzIUIQ4XgkHrW7DpBmhiNwmY49wjQt0ycnA64/Sp5LWFZBIIQUCjMatswR3Prmr5WS2kYD2chVtvDhcr6/5601bGSG4+dW24OCTxW95kSuGRI4uP4Dk59c08zRsyOyoTg7Q3T0zx0p8hm5djLW3BVADz0PY/WoL7db3SpCNsYAHy8E8c/1ra8xGdWMSLtPGyo7pPtE8ZkZU53GQr37DPrS5WaJpF2zuYr23WL5jcMBkxjg4HQ+v/163vDfi230nzNPcOoZ2zKxBVsnqcdDxXIXBljYbeH/AOeicYyeuazpGdZnUH5m+Qg8HHrRy21GepXmsbLyC580x7DITKD90qQQR+favXfBHxea41LTPE+hyLY+J9LYPLCxwsyjhhjujLkEds/SvmmS4ZrG2tzIx2ZxuPcnJb88flXcfDln0M3F60g86ePywwAPynBI9s4H5VLKP1z+EvxN074reDrTXbAeSW+S4ti25oJB1Unv7HuK7NmPYV8C/sf/ABctPBfju90W/lMOmawoCN/DHOpGwn2ILAn2Ga++l5Ws2i0ytZ3MtwrGW3e3YMV2uwOR68VZaQKuWIA9T0pApGcmkkhSZSjjcrDBB6GpKH7h6UUzyV/uj8qKYj5rOPlUEFR1x1NVZpiuWLD0AGDmta60DU2iLf2azSKSNkcqktjPA59OapPod9DcW6f2ZdSFyw3HaNnuee544r1YyVtzyLMoSTSRjeyqBjsPfiqjRwiYXc8KNcsMeYD04xxnpV2awu/tCme3uhE7FIoooGO0jglsdzz7D86fJp8tluMplSNcElxgLzgZzWcmpFpWM6O8m38ShWPcYBFNmilY8v5jfxcVauNPhwrhGZmOeEwPrVmO1k2YW3Yv6ycfiKvS10VzO5lNEQqPIWU5ICAdeO9NkZHbco2EDnbx+Vadxp8rcCIE9GZeMmqkliNu4RsGX2yKT7msanRlSKVt2Rh8cfNzU0W92YrsO0jOGHFMa18sqzQudzbcKpP06dqpazrUOk27RjcGIZvm5IUAkkA9uDWTnFas21k1GKI/FPiiPS7Vsqit1ABwff8AWvGNUv2vJJrmRQryg/LnO3virGr61Jq0wMjnYMlT9ayroiFSjctj71fKZhi3Uulsj77KcvVBK+7O18G2jX1rJMspjbIBHrx/9et+48q3ZTJIzjOCqgAiuM8Nas1vpU2x41WNlBBBPzHoOnFbdvqCapbqdys8yHKEgqT9a/LMbL9/Lm3P2DA070IuL0NL+0E3F4ttuqqSoYcsB3Fed/EjxJaan4UlW9hZf38UsURPyyFHzz7EA5reELR3DMeXHyNEpP3T0GScA/SvM/2loprXwhpCaeTFI96Igo+ZmBjdmAx9P1qsthHEYunTn3JzWo8Hgqlan8SWhxPjHVrHxxaaINbhxZ6VPuhXScJM5LF9pJztGQuD7V0HiH9qTW7yzexuVs5dAkVYn01TtkMeMD94OdwznPQntXzLPPb219NZ6jrq212MYtxDcO0nf5Qqc1b8T6G3hPR01OZLy4gaPzN0VsAQpHBIZ8j8uPSv2qnh6dGLVJWufz1isyr46cJ4iXM4n0n8cv2htP8AA/g46b4d1O3vtXmj8tJ4XDx2KBfvnHVsfdHqM+1eb/DzS/DHwb8Oaj4y8ei01/xhMge10SV1uJ4WdQ481TnEjBlYs33FPqa8O8SeD9Qv/h1D4y/tCPTtPnZRaWTozSzEbhvLL8q/dYjvxzjjPpfwW+Fet/tOeKLvxd4mj/s3w7HKv2+6iHlm/mVFTyo+eBtVdxHT6mvlqmX4XA0JScmtbt9X5H2mHzbGZliIRjBS0sl0j5k3wO+BMvxr8aXfxA8QaZbQeHftTTxWUUXlRX0gOdqqBxEvQn+IjHrX3DdaxFHCYY447QKioirHlU46ADsBxjtj0pbKGw8P2MVraLBa2drGsUUEahUVBwFA7AVBca/psAVzNHNPu3bYxuYr3wAc18DjsfUxs7t2itl2P07L8up4KnZRvJ7vuyxb6nFqitHG7XAUAtlSgNWLjQ/tTI0k3lRKPljQ8fj6ms9fGWlvFLcJEwWJNzfLgp7HPQ+1SL4kimvrWKINN5o3sy4by89AVHINedGKe56MuZPTQlmuLLSV85powQoxI+CWx6CsnUPEUMkAO+R1ZNxWQbCTnt/hVPW9QsbjXEykskSdY5AxTryT2ot7W0iujcB08y4Y5hbG3avOEoatsawto3uIby+nkjSCKVI5AC3mLwE6kc/dP4VNJfQ2s37nTbcmZ9rBWIOwDJcYqq1zDq01tcw28nlsC5hmmEbbskeuD06VVW6WZmkS8t2nIPKrhkB/gyOopPoVvoXLp7MxR3MavLHH0eFyVTHPP97HpVPRtNa1kljt5JPIm3E3T8qZG6EAnGKi0GyMZuYrqzjW7lY7hauViCdAwGepH8q6+3sLPckZjkRI0EaFm6Y9qXKDlZeRxkHhnWNWhNtqJtZLVXEvl4LEkdwf1rdtdGSwE0yyMmE+SEDGB2P5+lacd3a27sq25UsT972OM9azr3xAPtiQRBGMgYlWHP69Mf5FVy8quSpOT0Mzx1rM3hvwTrOotOC1vaTTS8DJUIeCfc8fjXyT4lv3ultzMiwu0CZiQ/Kp2jgV9ZeLpLC38M6idQjhQmALKkzAjazAYOeoOQOnevkjxV8Vo5L+aB9A066jtz5QkfepwvGflPtX6Dw3C9Kcn3PyXjKp+/pxXY838RWognJgfZMSGG09BVKznkmJSWIhxyDGPlIz6fjXRX3irTb6QPL4Z08yuM7hcTZx6Y3YqpZyW1xJK0dp9mOQQsbFlA9Bnmvt4xXRn5k3cu6Zbq0WwP7s2CD2wPap7iVY4mkl+4nK7erZ7Y7nPFPt8kbACp9ehWud8Va19h4iG+SIAovUtI33fyBJ/GtZPkjdbkJcz1MvXtccSTYYIY1zcTr/AMsVP/LNPVvU9efpXH2XiZ7qN7VoYo7Y5HQ5wfU56985rs4/CK6v4Yt7S6vXtbzzGlmZUDqxJyMnrnBBJ/wrAu/hebRgItcsXm/hhlzE7fTOa5YU0t3dmjlbYwYbiDT5X3fv434dhkEqOcDP0rq4fCeteINN0Kxl8m2MxmewWVgjTgMCyrkjLZYADv0GSMVyNxZWljutryaRbjhm8mMMsWR0OTye5xXcat8QfsP9ipNYW11faUyyWt1IG+aLO8Iy5wy7jkHgjGK2Wgm7nDXVreQ6hLYvA/2iHKeWsfzDHritDw/4YutXuZvNH2WGEAyyzAjYD046kmn3mt3XiizvJg2zUpJxJMRw0y4J6j/aJOOnNW9Nv7jQdLjhlkV7m4kKqshJ8uIjnnsMgH/Jod7aCVm9Tv8AS9H0zT9DurYRRpbzARqsgDNK/Ul29f8AZ6AVylzZnSysc4P9nTSbLe4c5Mb44B/2T278VBY/ESK1V7WeBk+Uxbxh8c8n/wCvWx9usfFnhvUbW0k86SOES7MHKlcnPP5V5NH2/tmqq0Z9Hi4YJ4WLw795b+ZRt5Ht5JIZDhlOGyfb+RrpdJvBZqdjKP7zSDPvnJ9BXH6XcnUtHhumGZrciCU9yD90/wCfetSO4/0c4GGUZCsM55P+fxr2VtqfNvTY7OzuBdfvN7lc5LKPvD+lb1nJFHHGIx+9T5lbPKk8H154H8q5/wANrLeW8oVGOwBg2QuQR09c+1dBp/l291EjSeWS2HYH7n+19aBHZeD5pheHzXQ750CqzZPXBz6V6T4i+LPhrwj8OZv+Em0XSZNPuLYWk8XlMs2oEDBX5GUsxwMnIA74FeGzNLaX89om9RHLs3E85Hf3P+NebfHiG91Dx1piGOWeI6bbLa2+Sck7shQOmW/E1UZOJMoKW57FJ+3TFrF1bT3/AMKtDv5LUeVazzXsr3AVQAq7ihJIAGTntmvU9LuvD/xV8KvJ4v8Ahstgl9fvqYsZtYlmcSOgVn5UGMMFU7AccA8V4p8JPhZp/hRo9Z16NJ9XK77e1wHitP8AF/5fXmu08ZfGbSPBdizIwub9jhIwM4Pqff8Aya64ppc02YzS2gj0+HxB8Ovg3oumEaJNptppaXCx2KagGS4WeMJL5yMnzllAA+nHGc+caL+0F8II4dYTSPh1rvh1b62ktH1Cxu4BKqOMN5W7O3I9q+bPEXiDVPHmsPf6rdSSRlspHkgKD2x/XvXP654mFoDbWfzSEbcrwF5rKc9dAjS01Pffid8RvgL4k8THxFqHh3xdf+IW8lmgjntoo7iSMYJkYMdu8gEkKcHOBzXGXn7QvxF8QeIri4svEGp2DX0ypZaDpk7tb2y4CRxRoc5IUAZxljknrXj+h6HfaxqlvaWUE2oarduscMEK7nkc9gK/Q79l/wDZctvhjDFr2vpHe+LpV+X+OOyU/wAMZ7vg8v8AgPeFebNbKKNfwL+zr438YfCu5fx34zu7rxhcm3u9OtrwrLb6bJE4kjWXaoZycFWAOFDcZIpnwh/Yu1+38eXmoeJ7PRtJ0K41KK/uobLUZL2W7SJ1lW2XcoCo0q72kf5tp2gd6+otDtFgVSx+b+VdVbzIq4717OHxVbD05UqbsnuedVpxqS5pLUzNc8EaDBD/AGlbaTafaoHM8jeWzO6DLOqAMPmbGAa8F/aG/ZXt/jx8J9Ph8F2w8HyvM2oNp8qbMzMCp3qCACRwSOmc9yK+lvtKspHY/jU0V5GqhcY29hXDyvmuzfmXLa2p8Y/BX9kLxr8IfDWnaTI9veo15c3V3KrENbF7WSCNoeOWBkyx44AA6Vl+C/2YfH3g/wAT67rNxdX2qzTW0qWtldyeVbeY0ZTaFDFQhDY+7hV9wK+4JtSRen41m3mpK2exxXp4bHTwtOVKC0kcVWgq01Js/Nv9oL9ln4p+LvGmgT6HYyx6WmlWdkLeGRfK05o4lWROuNu8M2f4iSea9kvPAPjKHTfEw02NND16RbO2t9cvLZbkXqw2wjEhAyU/eByCytglGIPUfVF7qAjXdu+QDJ715j4i+KttY6XZ6xFAz6e9z5Vw04aOWJc7dwTGWOe3pzXkVKlOndyZ6VGjUqvlgjxq38H+K4NP8KWeumbxRqUN+1zLq0NqY4oHSGXynmxt8xfMMQLbRnaM5AyfMvhv8N/ij4Z8U6pr3irUtRurNre4+0wrfNMbxijBVjjB4bdgrgAj2r7SGs288IdSCGAYN161mXms28fUKcetO8ZK5m+aN4tHyhrmo/EPw/oPh0aJJaR6Ta2UU1//AGzLI1+F8tGcMkrDJZ2k5TLAjHAAzyGk+JdQurW4u9W1S5uXmnEVv50zycqC3G7Pcj9K+n/i5qVtdfD3W4gih5I1XJUZ5df8K+XV0lZrqxJSZvJRisS5C5J+8T2Y4wOtc9Rq+h0U46GFrC2dtZzPaRRqBIDIX5bcclufrXOXF0b7HISXGM4yCPcY/nXT3FvoV9NPHLcXWmyqfmWePfGvPQMDn9KzD4ej88myv7G6H8I84IT9dwH86iMe5bZzu1pGdTGqOvzcE4PuM8j8avWF1LbyFoZGifsynHFS33h3Vof9InspIxnmWPEigfVcip9P03zod7jDMeAOh56+xq0tSbly1hW9uUkeMRnODJCNoz7ge3pV+aSK1kJXarKpXcyjOB047HFQzXQjt0jA8mOPAEa9CfU+vNc5rOuLHHLcTzRwRK3zyycjOOgHdv8AJrVK2pnJ32Na41RU6N8+MB25Zue3/wBas661YQbRPPHa7uizybWb6KMt+lef6h41lvrK9axuxp8aRnY6DfcTPnozdFXGfu/Sue8B6x9h8ZWdxdyPhyyO7HLfMpH5c0uZD5XY9Nn8aaZGuWuppVJYZgs22kjBOGcgcAj86bb+PNImlVTd3cbN03WWcj/gLH+Vc7oeoeHZPDXiDSvEtxcLIxa506aw2mW3uoiyMjxuQGSRCBkMD8gIHGK80uLhWtwuAj5+Y4qZOSej0OhRoyhd35j6K07WrW6Z47e5guZyAPLyY5F567Gwf/11fXUD91wAwHKkEN144NfPXhvxFcxXVtDeWv8AbVoG2LbTZZhnA/dt1DdPb6V6beX2t+FZYnn068u/D0yCWIXRBuIVJIyGPOMggZJBwa1i7nK1Zncx7ZG4KqvT6UyGAteMzbQifcRvT+9WdYanFe2cVzaTfaLeQ5SQDHplWHZh6VpRzCXy3btwAKctSItXL8LKzFWG+33B5BjlfXB7HHFXNO8USWqiN44yLiRsAD50PAHT04+tZsmqJb2rwKrSFwAqrj1zn9B1qOzZoWJ3EXDDPmD73PUZ7Vg0bRPRbDxlHod8Lp9/2u3mBRVxl9uOvoDzX6q/s/8AxLt/ih8MdK1eGfzpkX7POc/NvUDBPuVKn6k1+PHhvRZNc1ZLVpvssBYebKwztXHUDufT619u/sQ+INP0P4o3XhuGZ4rW6sXe2h8w4aVME5GeSU3c/wCzWcr9CoWe59waxq0mlrblLKe782ZYmEIB8sH+M89BU+m6h/aFss6wzQAkjy50KtwcdO1L/aFut4LQyD7QV8zy+5Hr0q0sYxwOKz1vub6WtYXcfSil20VRJ8fWfxRvoJGkWZ48ndwOS2Tk8npWhH8X71WEi3Z6DPmKrcDpnI/rXn/nOetzGD04/l07VFIrKo2wxyDGMMwJzXTG9zkkket6f8aLuO2gwUJVV+XaCOnpmr0Pxg3NJvtkkV+q4GPfivGLWNVhUfZs4UDggZ4FPVY/+eMicZ+U9P8AP5UczBwR7Ja/FKxhWKM2ykIuzc7bnPGASx5NSzfFDTdqgabCy8japCsxxwc9q8WLrux5sy+3PH6UKw8t8SsTnG7rT5nsTyI9iuviFpskMURtphJuzIoj3blxjaGGPzOKjt/GGjx2/l38eGY4TYmdi56bx1/n2ryfzW3Lsm2/XrSSTTbCVmUsDnkbvwxV3diORXOg8ZePNO0O4OpaOs0uxJLe8t7qOQosbFeucAMDtK8gHnOK8v8AHniz+2rmFROptYVby5EyNyn0Poau+J1nns5Euplm86VPMx8u5cjKnnBG3PB+lec6hL5lmm6Rn+Tk4wSep4+teFjKlSMdz6TKqMZ1LvoWJtTjVMDoOORmoNQ1uPaxZzwDyeRWbPIfKB3AYzXHeKdSNtbTSl/KgRNxLDoK+flHnR91Gbg9D0rw14i+xx3criUxMNxVYwwI2445ySOeldRpsgvooJbSWC2lVSjzzjbK4PI+Xtjgc18o+H/GXiDWtTjkspp4fJO9IHjKrt/h56ZYetd7Y+JPE+oag80Ns6tK4SW1V87G27twY8D0x618djqKlWcj77Lq0o0Ix6n0RpslrbQsZrrzLjI3MxyOuD9ea8d+Pnj600rUNAtdLEmp3c0kscUcA3MX+UFR2GO/0rrtL0VL6ESS3DnzJFEXlTZZeMtn3zXN+K/hPb+Oo1TU5tQilgkZ0kUhZIs/xIB6mubA1Vg8TCrJaI2zTDyx+DnQpvVng3iLx1p9reTJrljNaalEPkhCBiw5GVbOMH1q14og1dbHQTqj6dJaayFtYobO5V5oXf5QNucOoyCWU4GcHBr1iw+B+nWd1fXlzpK+KNYnPmR3WtMWkZ1HRl+7sxWnp/wR0Sx1qxvrTRPsNyqMyxlS1tCSAXaNWJCt16cd6+0qcT07OMIs/O6HBdS6lUml3R5iv7POm6X4dt/Cc/jDXNY0yG5Nw+jx2sUBRwCrMjEtgHJzg4717Z4f1bTvDlvY6HYQraaLZqI47S3xJhccZIPynJyWIyTyfWnzeFZrq4nl8rauN0UySKxlDNgA45Gcdazb7we1jFI4tJJHkbJijIJJ24OGHbivhsXjcTi/40ro/TMDluDwKfsYJMsv4gt0Vds7Jcm4CeZOwljbH90KcnuMc1iSXst0YbycyebKkgjhRNjIC3U+nIHQ10P9jXccdpbW0lqYGVFt4re38to1BBYDjOc9TRdaNO2oPHawrcRLOD9pu2J8gcEKpHB/izxXBbW1j0+a61ZTtdS1O6svsCLdxTuhZ5Y0wkrgZ+Y4ySQOABU03iK9C6Tu1qQXMOQ1tcIm6QYOTxg8envimx5tzfO2oCC/naRBKHYLyOJMkcAcDaMEVm21jeefZpBF9umWDyYbx4w0iliBlmx8ycH/ADzVWtoZavU6vSdmn5vZLi7TTnXD/aQu2Vi3Xb0UAe+DTZtai1Kbzl0uPVDGpFvJcfumKkjO0dM+47GqtqPsDWg1NBPNFIEZof3ihsnAz024z64q5DqNtfX1rY2t1I8m4pGzFMyqeu04PA49PatY6Kxld3bsUobm21zUJUtpbe2lVmX7KsEgWMkfeV+mQM5Arb0jwpNZXCzXeqpdujCQFYAB2OMnp9ferumaffWl15X2hWtoo8yoyhXZuRk8AfTvVzU7q3t7fybbe1ygV0t1+bHsfbvk+9HLdhzcsdyz9ojUPHFDHDGxyhO0bSOv1qlc6lb28JMSFzgBQ5IyzHgAdeT3xVZWeRLd5jLMqs20h08seoIA4OatYtrzUFuPLxdHGWmX+AZzj35/WtFHlMebmauRfZ7y5gMpkjjZeREzkHP+1x+lRzWdvNa+VI8MjffcuSGx/ske/wBamuLqOWEtMWRg4U+cAcevI7YHUmsy4vFk2WwkkWLJ3eSMYA53bvoe1S7XLjtuc58UrG21r4d69p5K2s01sVjmUAysqupHXqOOlfGHjXS5NH1Z44SFXOGU8+2a+2vENjLrPhPWdGR4999bXCRXEyEiCJkIJJGSWztNfLPj/Q7WOS2N3rdgs8UEaSrBIZpPMCAOQAPUcE19xw+n7OSj3PzDi5r2sJS7Hkq3u04aP5um6Pj+ddNo67EUOCATkkt1rKurbTYZitv59yCR+9mOzPr8o/xroLNopoI2CMuBg4bOf0r7uCPy+XkXFVn/AIFCscDPWuC18NdTSTFtmDLODnpghF/Liu38wx/NjaN2Pc+n9a5rULUXXhW8KqBIj7D8vIDFgf1xWsjGMt7m3a6PNqV0LRL6K3kkh86FnjJ3Y7ZHTA5z7dK5jx5pS6Ppdwt1qsE7+ZtjWFCHZ1IPGenHenyeIbhvDOm6zaKkk+nuILiJskDsCR7/ANa4LxR4kvfGGsm7nRUIAihghX5EQdFHc/U8k15UqNf6xzJ+4e7Tq4T6rZxvV/A6iHw/D4yvrNYIJ72+kt0edrWIvlipO3APJAHcfpW74P8AhvfeL/G1tY6jamA/axbTI2SIIgAoV8DK/M3OQPyNZ3gWS50vSp9JnEiQ6sGinW3GbgQEoWZMkKDlAPmIBBIrurDX5fBraTJ4fe70VbSFrZLmYoZpmYu7GXbkYJbG3k4HXpXb7anG0W9Tzvq9aonKMdDG+IPwXT4feJ7Oy1HdAl28klpI82xXRWcYyBnbwvPXDVY8ReFbf+z9Tj1Twxe6LJDJHBBqr3Pmx3LEHJJIUYwNylMjHB65rC1z4oa18QPGUmoa/AImK4nWORvIgVExmFSTs5AYnPPOetaXgm4/4SbT5ryK1hBjmkghjaX/AFSkZCAN90bePlHJzWeIxCw9N1GjbBYOWMrKipHlE3hu/BLFFYHkMrqVP0Oa6P4Zxy22oaoN6x7bV2lLDcCoByPr716T4qtdN0lA0kafabhE2IhDFsfePX5QOmRXMeP7Ox0PTZriwmNtLcKkTIvJkDcsMjqBnHPfNcuGxvt7e7Y7cdlrwl/fTsYnw323A1K1Y/LNZseezJyD/wDXq/HJ8yHopHrVD4ar5GqTO4yI7WRyq8cYAFaVsF8lF7LjH9a9Q8PqdJodx1SNQ79OuNpzmuss7eORQzyzIf7kKDP4EmuL8PxkXiszKoMpx3OMCuxto5N37yQrx9/OBgen+FL1A05I0kujcKJG2/MWkIySe/6VvTaTYTaxFrci77hbOGBJJD/q0VMkD+7kscms2yW0tbP7ZfBrhWXO08AnkDjvXnXxQ8Y3FxqDaZaySRW6quQq4LsQDjr6VcGosTu0b/xB+LUVqjWejuWdm2mYflgV5bFZy31x9tv5CzMc4Y8D3plnZi3XzrhgXOWye2etYeu+IXus21qxEfRpB/F9KqVRsSio7FrXvEyr/oti2SeHfH8qq+EfB+q+Ltcs9J0exm1LVLptsUMQyWPrnsAM5J4A61e+H/w91n4geILXRtDtHvNQuD64VFHV3boqjrk/zr9Jf2ff2e9G+DGk/uAL/wAQ3KBbzVGTDMM52ID92Ppx1OMn0ChByeoSkooy/wBm/wDZh0/4QafHqN+I9R8W3EWJ7sDKW4PWKL27Fup9hX0ZpunrFgnrjrTLXT8rGSzKysGyhxnGeD7VuW8W3sK7IxOaUrlu1iSNRg81eU7uhFUABjqcZ5qZSOMHmtNjMuZK9DSrICT83PpUGWVcH07VDDG1v5jTTGTfIWDPhcZ6L9B781LkNdyxcbTnnmue1mQSwywtkpIpRsEjgjBrduCApJzWDq2Cm4DNRJ6FR3Ockv8A7JbpbJxHGgRRnPAGB9a5PxBo9l4it1gvoBNGsiyqCSMMpyDx71s6k+2TrxnFUOWbIHNcsmpaM6480dYlW5jnBgEFwYkR8uuwHeuPu57dvyqC8BYBi3FaG3oD061FJGWZl2HjnJGFP096FZC1b1PMPi7r9rpfhSSzk8zz73KRhBwAg3sSc+g/WvnTxN4hu7GSNoE8uQO7qGYMoGcDOOpI9Tx0r3X9opPsuk6Xdbc+W90AMdWMBwPzFfNHiJ764WGaSA4aNXeQDjJHTH+NZSvctdyjf+Kor4odSVrK5zuZohlWPTLDqv4E/SpoWWSNHj2vGw/1g6Gufk09tSuHXa6k8ghCc8dK6G2066jwLaCVIwoH3GKgceoq1ch2N7T7mSaCOM4MOAu1cDj2x149amuIVsWdVdpUQZ5+bDegPpiiK8M1lAriLdGu1vKQKepx0qleTeXGcqAvJye3vWsUQyhqV6kcLzzyGO1SMyvIDyB0Ax/ePQCvE/E3iq817UvtAPkQQ5SG0YcIv09T3NfUXwB8D2PxM+PGg6BqUCX2m6fA+r39rJnZKVU+XGcdlLKfritv9qv4O3fgX4gXLaL4DvtT8HSWEd59ritWuorZ8HzlZ8EqoIBwx4B71cl7upVOLk7R3R8TzahJO/3UjbqqquAD6+9aOmLDHpN3q9yi3U8U6QxxOTjcwJLMAeQMdPUivWPA/hay1bUtXv8Aw7pGmalfWyk2+k3sjxfaMbRhMOMkbi+3cNwGOlYPxmnW3ks4I9Jt9D1Tav8AaFrayJLCZcdEwzEYBGVJypJB7VkoqI+bWz3Oakvrzx54fijlgT7ZpO2G18iMIpgLElD/ALrMSDnua0r74K61psML39xZ28su3fa+cjzxgruyYw24fL83zADFYHhe4vtO1SC4dJJIIg0rW8Y+/lSM46H/AOtXq2n+LoLqx1TVtO0a8vda16Mx6hqck2XljLhpGSHy1CBioGcsBjjrmq31JcnfQo+FdH0/w2qtp8DLOc5urkfvSAOoH8I9utfd37Y3wws9H+A/wajxDBqsegmxZpF4mCxRzyRj/aw0rL7qfWvzo0D4oR6N4hxrFhNrWkLKwaNZVt7krnj5yrLn2KkcdutfUn7ZX7dnhT9pDwT8PtN8LaJqmjXmkXU097a6iqbIh5SRxhHQkOPvc4GMdOayhzKfMzV8tj5q8M3kvhfxNc6RIZJbWWTypUPV17OB/e+nWvRN5gYoX+7jDA/eyMg/iP1rzLxnfrbePvtMRIKxq7kf3lPP8q9QupEuo4ZU27W6NkYAIyOvbrXSczSuJ5vzLs53HByO30q7BIJOXKrIBx82Tj8KzVk7LnHT5R+lTWokuJVVWESsMbuScUpMpGzY6k1hqazElNpK7HOOvXPvmvXfg34vbwl8YvCeuO/lJaahbrKx+XMbEI4z/uu1eQ299NZhliKwH++iAMfxOTXT/DnwPq/xG8SaRpNkwgfUL2K0iv7st5KSM2BuIzz7D/69Q1fUfQ/a5VX8uKk5HHaq1nC8NrCjv5roqqXx94gYJqyvvXObLYN1FLkelFAz4J+dchrQ+/JAH61DdGJQwaGePI6pyF4+lNW8j+VRJLjPTjNNuLpYw+272jGCzcdvrXXE45O25PHKixp+9lB2j1p4mR2UC4bIPG7oPUjNJHJKqrho1GO65/rQLiRky0cMoPQY4GO4qS73HCZt2PNR8dlXrzSs7+UxJTPtkVGZRxm0i+ox+lRtMVXiBUGeEXjr3oQmXCu4gGPcevtSNG6rlbZ3I6mN0XZ9SxAxVZ7yKN2Lq25v4Yyc/pUUmrW6s0ckdyExz5Z4Hfn/AOvVvsQldmN4wkC6SxHyhymRbzKxB3DGGGRvHUdeneuB1W6F5cPIYhCzc+Uo6ccD6/8A167PxfNLNYh5d9wFKsrLGFkwWxjpyxB644wPeuC1aOWxFwHBZkGxtzbiD0wT6/4V4WP+FXPqcn+OVjI1O8CrGqkFW75/WvNvGSy+IdSfSLe5W2hiG65mUFsEfwYHPQ5PtmtzxZ4ktvD9n9quUllZmMcFvCAHlc9gTwAOCT6fWvOvCWm3urLINVeS11BpZGEEKlGYAE793qGx8pPTjvXy2Kq+ypOzPvsDR9tV95XSPRtP0EssU8yCJYyIWWOYPHINh2/LjOCOeenpXqHh/QU+z2IvbRpBHIFhYsAAuME8HGSQOT6CvJ/D3h+C3tGgfV5b6znAAtlnCTxS7hgKcYYHJPUDnHavbPA9qJ7CCW7ebdahYzBcWyl9pXIiYH+LJ+8P6Zr5KrVtrc+3o09kbNneGC4MUkULRqQwVchvTPpjnnvWuuyGZ1jHzMAR/Fj2J9PQ+1Y91N/ZdpH9qhb7VNIxj8mRRGyj+8eDnp16c1gy6vbuZHMZXdjfGoLNGueTx0Oc9DjgmuNPqdjXTod1AGms4Wc+TKwITYwYKScVX1CdYdPMaTbHZ8Fjy6gcEenJ/nXM2t5a6h8gdGuLd22SSDcvBx8zZyCV/CtWTSzcWqtNcxsXYkRiUqJN2MHnqPetFy7szfMvhKzXGJGWSSWPzAoX5wNxA+7nHA9vWs28mOoXSo9x9mjcZKZGemAC2eM+nrWgyTW8PlEqqMuxGhjZ2SXPIySR+HGODUMPh68WxEcslusksnMjxtIOWBGMnqcdKqThsEefdsq2Wof2LbAMUZmAUSPLyCTkn8etPuPFVrcRtHEv2q6Q+ZIq5XYF478D+RzWt/ZNxeX0zyIrblaKQyKFOAflUIeO+QfbtXI61otvY3SJNfNbGb5RDtKb06kNg4P4Z47VzX12OlJtblubWbdkXda2buv7uW3aTlckHLLnHBA7ZqO18VeRcR+TtgdT+6mmQiJgM8AkZwT0471VuvD/ANmu1MCQzQyQsyyMjbsheHcnOTnP/wBeoNL8M3cnnXDDzoXlBVcMmG/vMGJwQQGwOue1XddUQ0+5reXJqFvJbQuujh5DmcwKRJyflwpyBk8k4yDV2xRbSHzbm+t5tRDosMkaBI1AHyqmDn1GM9ulY+j6fYWM93czW10W2ZYMxR5WU5ztJySR2Y10Mum/aoA4tLi5jnn86OCYrGoIAOSByfx71N0w5WQWK3V7HJLfSPHukKR7t0UwXPYZ5J9+1Wl1i402IvPaNM0zBUCoXkRezMRyRj0H41O+j75o7m7SSFvmASNQAX6Yzg4OKyTDqdxfSRzXcCWkSdIFcM8PdSxJwR680tjS6sTLrVqt88x87zVO3ZbRn5AP7/XPT8BUR8TQahm5tWt444+GmJO1GPBIP+cVSk0dtQS1nW5MMETqhjiO9nIBAVyoHBBHepdO0TbHNJI8P2FZG+W4xiLHJK/KM/QcZBp82mplbsPmktZIYorx4na3Tdv+Zg6Zwu4+nNRTWqzRlpVlhG0jFsuWck5zn0A9OMVavoFNoz73U7dgw4weflHPTr3IrCv5L63jgJMZRi4lXfwx6BgD0LDHygnoacpK10Sk3oy1fagsyyKnl+VJE0Uk24g7Om0AcHnuOtfHHjTwTfeD9Wu9PvPLdoNhEkWSsiOuVZSQOD09QRX2HY2986hxBHAoVjLEp3BT3OSAMcYH0z9eA+L/AIXl1bwh9ujiCwwt5zRyBjLtYhS/XG0YBxjpk9q+iyPEV41eSCunv5Hx/EuDwtWgqtSVpR28/I+SFuoRITlyfTHH4V1GlzlbVABwRkf/AF6wdQ0eSzvZvP3QoG6Y5rc0i4hVdnkIcD5WfLH/ADiv02m7pH4tUjyyaRe3M28Fz03H8P5daz5pIrbTdXjfKxMmeRnryD/31kVdyq9TgNxyM56VQuCCxkKiSIgo8ec7oz1GP1H0966tznskedWt82m3z+Yvm2kx/exMTtbqOR+NWYNOt9FZ9SLPLDz9ni6M2ePm9h096m1rw/NZ71X9/boPNjk25Doe/wDiKxobpw5DEhckjaOmaxlHmTRomdxo/j3S1tJYbiKbTrqQKDcRHemQevTI9O+K3J9Y0/xFYfYvt1lGJoizzPdrlR/d+cA7uh69RXlt9slwY1VMgZCcDP8Aunp+BxVJ7U9WIx0BYEZ/MV5NTLoOXPFtH0lHO6sKXspRTRdubi6Y6hp894boROQJFcMrgHg7h1HTH1qx4P8AGF/4WV/sbGN/NWVZcbthAI6dDmqFjEI7jqpB+UhcnOT9KVrSOzk/eNlgfun/AABr0JU1Ujyz1PEhXlSqe0pOzNhdaluLma9mczSSkln+6Mk5wPQZ/KsfULx9Uuwyg+WD8igdfcVHLcPIvzMVj6YHVvrXS+FfBd1rSidz9mgb/V7h27sfb+daxpqKtFGcqkpvmm7mx4Z00aX4dvbzfmS722yMBjgcv/T8qmt0AfG0H3/GtC+WGRYrW2G2ztF8qFQevq/1NVvI/hXOP7238Ktq2hhoaejKLraV25OWwwPNddb26yRqu+EHjCuxB/liud8P2+I3OfmGPr+n866vTtLu9QuYYbaCSaZzlUUD0/wpoRXurWe7vImmYi1iUbY15ye358V5n4p1CB/EGpXDNgeaV3P2A+XH6V6L4m1uDwTcTDVWWG8i3bYVwxLhchTgkYzjvXz1qGpS6pKSSwjJJ68sc8mp0WpaVyzrWuSal+6hJSAHGehaug+F/wALdZ+J/iSHSNGh8yTAee5kB8m1jzgySHt7Ack9B6Hwx+F+q/EzWltLFfJtIiPtN8y5jgX+rHsvX14r73+E/wAPbDwDosOlaPb+TApDSSsMvM/99z3P6DoKuMW9QfY7H4JfBbQvhL4eWw0pPPvJgrXd/MoEtw/qcfdUdl6D3OTXsWnwxw4+X8a8/wDDt0niDT7lrLUpUgEyxK8cXlSRshG9fmHO4+3Q+/HdRT856c5rqhK6OepHl0Z0FuyLyf0qZpkABByKwY70LwWyf1qZrsnAPI/lW3MZOL3NY6hHHxmor3xJY6XZzXl3LHbQQqWlmc4CqO59qyd+5snnmlkhSSNkkVZEYYKsMgj6VDY1FI17HUILWNxCSyySNMSWLZLckjPb2qw2so67WUFT1BFYQkUcDAAwMUzzAeQeB1rO7SNGk9jYbV44lCIuF9u1Z19qSmM881Qv5JliLW4R5MjCyEgYyM9O+M1j3OsH7dLaG3kARA/2g48ts9uucj6VjKZcaZU163i1SMwyx5j3K4GSOQcg8Hsa5fxhJZpp8aXtte3ULyqCLNWJU5yGO3BxXQXGopuIDDd3FVjdI4Kt8yHjbmuSoua9tzqpy5Wm1oLo91aala/arUnbLjduyGyOOQehx2rQKhVLMcKvJJrI0e10/Rbd4bC1jtoWYuyxjgt3Jq/Jel43WKXynIwJAudvvirpt8i5tyanLKbcdjgfidbxeKvBen6hYszRw38MySNGynALIflbB7jmvn7xtp8+iRx3VnNIiyD50jztJJ4JX1/CvqLxVa6hdeCb/T4GbUNQlgZFnO2Il+ofA4yMfjXzTqZi1jQob92Zz5QBO7L5Xg8+oNF3oJ2XwnBrrt8zAtevuByFUhMflSG8eeQNM7SnbklnLZ/OknSQ3AjadpY+nzjcR+dUlby5FVhGSTwVUqfyzXRF3MNbmgkKyTxuNoLcjJ6AA/pVe4U3U0cS4ZmYISFwOSOB+GasJKUzk7R0Ixiq28i9gUjlZFycbe/H9PStUS2dt+yn8TPDHw58da/4r8XXS2emqt5unZWdt6+WIkVV5ZjtIA6ZNcH+07+254k+PE1xo2j+b4b8Eq3y2EcmJrzB4e4cdfURj5R/tHmvP9JZbyTXfDdxGGkupZDFuYAbw5yc/Q5/CvObfw/d3GrPpqxObtZPL8sL6HHaond6Ice7NfQ7oNFf6nK0q29mimSOEgeaSdqIcggc9TjoD61o6XfWfij7bcS6e1vcwKrBLdjIjLgghUP3WA+bjg4x1r7Z/Z2/4J92V94NmvvH1xe2NxqkQ8vT7N1jkRSMh5dytg85EeP970HE/tZfs2aH+yn4f8Ka54be81nTdTuprG/kvygeKQKskRTYqgZUSAg5yVHIq1TskxOcW7Ij+C/wh0/xZ8Oo73VYriA2O+ITRx5FxCEJPlk8khgDzjBX3rxW7+BPxQ17xlDa6R4U1+8bVpYrqxMOmzKZoWw0RD7doTbgg7to69q1NS+LWkrq1x4r0+C6Ej6M2nNbvc5t7eUxiIFIxyU8sHEZxh+ckV+0ngPx74d+GH7OHgnXPFetWnh7Rrbw7p5kur6YIg/0WM7R3Zv9lQSewqW1YiKdz8ptc/Yb8T6VZahrPjzwD4z0aGFWmu9V0IWt5HHgZaR4S4+UAElldRgZIr5UvfDcuj68sZhuDYmbMM0yBPMjDZUnBIBIHIBODxk9a+zv23v+CiV/8dYrnwX4CW60TwIW23V3IPLu9Wwc4cA/u4eB+76t1bH3a+OtP8QXenWboJj5O3/VN8yY9ADxz7elKUk+h0qLjuQ6hdC61idmbeqrgsTnnqeT9TXsmjsw8N2jBOfLj47Z214lpcME+oDzw5iVSX217iL6CTw/Ytb5Edx8yArglVGBx9aqJjLoiaPGAxKg9uvH+NW7OQxsqsQoBySR26is2OUtIAynGeSF/WrWn/vHO7cN3Q9MYP60xX7G9FIEOdgmY8nj5e/517h4H8Xtpq+HLlD5Z0qWC5BAx8yurHAHH8PavDrdY8MdpY928wj8eK6rTPElwsUOn2lmrmTESfMSxZuB+pFS1ca8z9p7O+gvo2e3lSZQ2CUYHB9D781Pu9aztEtXsdKs4JdvnRwxrIVGMuFAY/mDVm6jkkglSKTyZGUhZNobaccHB64rnNU+xY85PaiuJ/4R3xj/ANDiP/BZH/jRWPNL+U25I/zI+MheTfxXw9jgjP4AdKZJKWVlKW8xYeoJIx1571zy+LtMmbCmFpfLMh/fqAF9cA8jj61nDxZYSzSZnIDRmYDzdq46nAOegz9a61Lscco3tc7lVh2/NagKed3FNDRgsTbOn94rzz+FYa+INMuAAmoEhuNxJFWE1e1kwFv93YeYRnHuT1pcyKszWaeEcs9wD64Yf0oSaNlwryFc985z6dKz/wC0AAXFxFIcbsZ4x+BpyX7M6jzoSx54NUpIVi9JKjOX89EA7tj+dMMszQtDFcwlky6o6YJORllK44GehNVvtgaYlBHKcnndleDjg09ZBITC8JZSpIVcYJ6Y5olJCjEyPFU0FtpLXN7eeXAjbpFhUvM+McBQckZwM4wMjr0rzW4/0m4eLzFSNQxLO4VQigkkk8dAf0ruPHzXEmgXa29sZZf9btRNu4qMhQ3RcgGvAPixfX0CwaVax7jMq3E671YOuNyIcZ4KkNkHtivncxqcsVJ7H2GRUvaVHFbmLarqfjzxJZ3Nt5T6XFKGWOcbRFt6gjqTj0616baaFBI0E8+5kOZPMXO+FsggEcbuPb5lPtWJ8MfDtyukxWzJGk0IVmiWU+aOOfQ4xyOccYrr44JLm6kVLNbm2Jji+zyF45yqE5YHPyYG3qeSe9fmGMxEp1NHoftGDw8KdPUi1JtItZ9M+13Udp9nmZbaUsrbgw3FWQdt2AM9+ldv4bvILezuxd6hPdTsZL2S3vIWPlqWC5zjrkjuMA8dK8+fTzp+qtHZ+RZ6vmRUkuEWTzTH95HVuSeeoPBzXd6Tod5HrFjN/aUltZASSoOqPI4BWIOf4VYYGT04rim01uehG/Nc6hI7e7uoosKmW+XKts4UEshB469W65+tV77wbZrY3Js5GsfOLL+75bIJyAT3PPbuKzvt2ozTyI8uD5eLi3W3SLaSQcA9SQG45555rfj024WCOcRKysvmFlfErnHOVGQTjjIPPFcym1odLimtSO18NwLcNcCVopcAi3eNEIGMNn19s9MmpbvTBLDKAIbmFiUMcj4LA8DBxwdpI7H3qW1s5rXdKjSzRRK0ebhgG2AfXnBz19BVQyPaM5Fx5dwsaHaiMwkLZOCO4Htj3p8z6i5OwWNk2kyXUtvK03mhHMdxMGiwBjr1yBgcnn61bNqq3zTT28SXBYApHK/zZXgjsOfaoRdRSWu4WkbBmIVYcCXfjnIxgfyPrTree6eNBcWdvDHtCxeZLtlDg8nKL9OAfXtTUvPQHG2iRW/0jV3lgMluzxHDrIuN2M8bs8nkZ9cg1QulkurpRHclnicReVCqlYCc8ZbrwO9dFDH8sS4trqXO2UyAKACc5QEdz74xzTbZrJtQTLRIGJY5ib94wJ6AjoO5HFXzLQz1jdnM6hJLb3FvHBHFdwQri4+0ExuASdpAK7TgDH19an0tkW0aUzefG7g8ybwWxkdOAQO47it+SaGQhY7aPY2SZDJ5mQfVRkKTz979KuW+kJbpBAohSNUDKpYIGyDhTyMd+KpSuxPTW5g3E22EOWEjEY8x+Vfvk+/p2qC4vZoxNdpAwba0fmoAWRsZ5A7DI4H1Na02nSySi3Wa3WIpslTbltwIH3uhxn09+9aem28RE5jtEZ42x++j4UlcFjg4JIH17Gpc1ce0bnIyWNzDA04e4u0zHvjXBYYA3sW6g59R2q0zfZ5mklg8lYwHzHhwwAznbxwT0Ht71u3Wmv5bvGqujhWIkJVABwW6cHA49KaLqLy5oPMS6u2gLxRq4wyjp1OFxnuenNZ82tx6WsZFvDa29vJJcw+RGjcmTAcknd90YGM47VkX3izT7wTlpmtEiP7ye8j2jJONoDcEkcjB564rR1bxFBDE+y4bag8xHa3DKRtAARc5I+96c981Rm027XR7eKJ3We6l862htrTzY1BwQ3zHajAAgsCBzjrS5maKK7FDXJLRby1haeK282P7WFIJTccHzJB0KKmfpmob6Xy7h4LPT7e4kjUESOgywI3buGLEt2OPUYq1J4VuFuJBcXly7GVrjNyu9G/hC8EcEdfrgeg0ksoLOZ5I4szMeSQCVyACB6AgDp+NfQ5Xk9fMpKW0Fuz5bOs/w2UQavzVOi/zITbxGGOe6iIdU4hYhsDA6hRgtx2yO3WvOPjXrmq6X8PbrUtD+SQlDM0iHfHA2QzBT0Iyuc9ATXo0twwiVgCWbqGBBH1rIvMtL5LQl0K/MzqGVufu4+n4Yr9dwuBo4On7OktD8GxuZ4nMKzq1nr2Pga+aeeR7m4Zmd/nLSZ+b/a56jP602y1REkjCbmYHBbsBX254s8H6f4y0ObT7yBGiICxSRoN0J5wyccfToRnNfGPjTwXe+DdensbyMxxxsxjk2solTJwVzyRTlFR2MIyvurM14kNxjjf3Zl5Ufj0qOSMSKXU8j+HuKzLPWHeNIXZjABwg4xj0rWaRWVefm7ngZ/yKuMiJbkUdu1vhWTzbc/OExyh9V+vcd6734V/sq2vx8h8UTaL4l0fw7rNhaG9t7DUZhFHdkclE7rxnkAhTjIGc1xtvIjEhQucY5A/Cp441DebG3lTcFWXr/np1roT6ENdUeSeIPD+raFdSQanYSWzxnaWKkqfowyO3rWZFdBSyxybRjBAbI/nXvlvfXNvOkzqtyy5+Y5Pr1BOP1qHWbuLWoAl5aRyADjzIEYjtwcZ/Wk4roEZPqeFm427ZCd5znDHvU7RXOqP50MQZ2wG2rhRx2PTtXpaeGtLDEpAB3GyBQfzqzFZW8DFI7Rcjo1xlv0HFZcpfN2OU8NeAVbbdX+2VFOdvSIexPf6DiuuvLtTbLDbnEZ4OAQWHb8Palmd5P9YzSAD5VHCj6CoHzgHHPU56+mKNloLfcreSQB8v9BV/T1+0SCGVS8YJKgHaVyOSD/jSLbkxl1+ZQcMRzjPHI7D9K3dJ0d7WFZHCgSDKZI3bfSlq2VdF7SLVLWPyyd4zuGTgnI9vp+Nbdr4hTwzHPd2sGL6RTHHuHCDuxNVobFre1muRDLIqYMkka/JHuOBuPueB9az5tYs9Ps5766ZTpsA3Pgg7+4RevJOAB/hS5dBbnjfxU1CbVPEKxyytMsKAsx6s7/MxP5iur/Z/+AusfFjXIrzyPs3hqynX7VezLlZWBz5UY/jb17AdT0Feh/s6/sm69+0Jq0nivWYZ9I8GvO0nmgbZL9t3McJx9wfdMnTsuT0/QXw/8I7fw7ptrpumWcdhYWqCOG1t0wkajsB9fXr1OTWsaPMve2F7bkatueceFfhjpfh/T4rGwtIrW3QltsSBAWJyWwBjJP8AIV2dj4ZSNAAg/Diuy0jwiL6Iy20qzxK5jLR/MAynDDPseK3rfwTNx8pUfSumFNKKUdjGdWTk3Lc4iz0VbOLZFGFUHoOmasfZ2Xgqa9Ct/Bki8dRVtvA7MucdB2FXypaGXO76nlb6bF/aCXuwGdYzCH7hSQxH5gflVtY3PKqcV3TeCT1wVP0qza+EyucqCKfKN1LnnxSRf4T1prTsvOOO9ekTeE0Zc7fyFY914TbcQgIx7Vm4lKa6nGSMzKxAI44Ipqlm69R1BrrD4PmGByPXioZPCM/b8TisnFmimtjmZMnPOc1haqh256fyrupvCs6KR29xWVeeD7huCTj6VjKDZpGaPNb62uJYZFglWGZgQrsm/b74zzUtlZyCFFlkDygDLgYye5x2zXX3Pgm45wT+IrCh8A6ta65PdtqLSWcigC0KHCMBjIP+ck1yyhJNNK50xlGUWnKxlatiwtkf7Nc3pWRcR2yksOfvEZHAq9HEWUEqcDr/AJ9K2x4du2OHbI9hU0fh2YLgDA+laKDuZucbWMqxbdGGK+U39wkE9e5H4fnXzv488InwZNqlgJY4tPkuZLq3nkQ7ESU7/L47hiw96+pI/Dj8+v0rzr46eDftnhCW5uS0dpGNtzcIm5reMniUjP3VON3oDnsa1dN21MlJHyC+n+ZM7i6a9jAyDs8pee/XNRraxK4XyiWXgK3X/P8AhXbav4JTR18t55blkHy4Crz6AYP5+9cZLeeW4lMXODyznjtnjFC0GyC4VdqgABOmRzj8PSsnUGxllyxBB69MHI/lWo8huMyfu9gHWTgHI7D1rKuj5u5d/L8EDjkeprRGZ5/8QbOTTfEKanAxjS6xdRSIejgAHH0OPwNel/s7fEbwboPjKXU/GmnG4aaNojexkrJZv/yzuFUYDFB0HUH5gcgVzeqWKa9YyaZIPIZXMtpNnPlt/dJPY15vqum3mmXDmWBoJYztbbwVP8sfzrTWOo7Jqx9wTftpeNvh9eDcml+PNAZsRXkpaGYgccTIPmyMEb13c4PIrhP2mv24NH+O3wbu/Blx4Hu9M1OS6t7y3vjqMc0UEkTHJ2+WGOUZ1/4FXzBoniC90rzWtLuW3aRTHIsTAq6kYIZGG08fT2rOe3imuCj5Q9CsgZfxI5pSbBRincraSDcaXqNqejIHAHsea3vGnxM8W/EJrE+JvEGoa59hgS1tVvJzIlvGihVSNPuqAAOgGcc03T9Ps4NUto1mjSKdvIlki3uEVjgthgOnXFUvFGiz+F/EWp6NMv8ApNhcy2sh4CnaxXP44B/GsuTS7NIy1MpcclxtXv8AX3/wpJNkhPO1B0Gevv8AWoWkX7zfN3A6Ba6Xwl4LuPEFxFLOrLaZ7Z3Sey+g96EuiBvua3w98Lf2peLdmPFvt2Jv6H+830HNeg3zrc3KLCqpa26iKJV7KBwfx/wp0kaaZbfYbcKAAFkK8BVH8C/1qKOMLwF4Azgc1fkZ7u7J1Z2QIDgZI6/SrljGGkYA4XaVG7+vpxVW1t5LpTMFUorCPy2PPIOOPTitm3sxHINjbSQAwwdv4Zqoks6XwZ4bTxBrlhYzztFHM2ZZIlB8uMAl2yeOFB7V+gv7Iv7NPgC4+Huh+MtT8PR6rr0t1NNBcXsrSiFY52WIhMhAwCqc46818EeB76CzvJQ90kE7p5alvlyp64+vTr2r9Sv2Rz/xj/4ZJIILXOCpyCPtEnNRK62Gtz2LlunHenL8w9KTG3vTtvrWZYn4UU7j2oqbjsfzzad8YdQsvDN/bXNuJ70TebDIZfKjGBjldpLkc8Bl685qHR/jZrt5aw2ZDG7mcxyeWpP7sLwR1P1HQgCuVj0G5aGWER7lHzck/KQevpUdv4duWmRYUYzEgKI8liTxgAdTmuCMZxTuz1qk6EpRcYHZab8ePEtxcS2qtAW3YUtIy+Yq5AHpmtK5/aK8R6fLuvLRCjtsl2SZbcp/X6+9cRf/AA91PT9JtNTuLRoLO7d44pXGAzLkEY69j1pmtafPrOpC4khCJhVEYYnGAB1PJzipi5zacHdGsvYwg1UhaXQ9Asv2o9Q3LG1lId3fzRjPpzgYrTs/2sJIdyzWlxEroQxXa/0x6HPevG7jw3c+ZuMBXdzgCp9P8HyXl9bW0rR2azNtNxNwicHk4GQO2fet2nFXbOL3ZPlSPoNf2pLVbWO7N3saRCRApxtKgBhgL1PXBGeevFdFpf7Vmjao91Mt0EgiQHyWARyOnCtnPOMjPfivl/Sfh7qeuXU1tZ263E0MbyMu9VGxerAsQCP51HY+Gppm3GDeyjI+UmhPm0uZyg46tH1T4q+Ltz4hf7Jd+Iv7LsZ49zw3Mo82QcnasMYIBbBUHjqv1GJZ+HNQ8UX0l9PMtpJKY2PlD57cKAFRU6YUAAYPQV5f4J8F3E+pQLLbyR26/PuK4XH4+9fQugQnaixW8jhjgeWcY9+a56+XxxMbVG/kejgs0qYCV6KXzOk0m3a3ESXCXF80KhZLpZMFCP41yM4IboeCfbFT/Z4obyW6imeJpDua5VgCMNht0bY2OeBzj1q5oelzNcKdzKo6ggj3711UPh+zvr6SaUf6RwryK5BOBwGAOD+Ir5bEcKzbvRqfefdYXjWn8Nel80ch55VYY4tdWeWSZpLeVbdfOYOMcY6kYxt75zznFdEdLaHTrry7+NfMXPlmPyZJjnlcnhDkr90DGOnWtO38K21vdfaIiitjBZkV2HIBIJ/i4GCc4xVq18NwfaGkluVdyGU+ZCu4KSDgEcZHPbnPJr5bFZHmFF/w727H2WD4jyvEJNVeVvvoYcOstp9wdOuruW7HmpOiiYTeQuB8uON6L65+bOADzWteSzXQu7W+sGidF8yzdkdo5fmyTgH5cjsTxn062b7SrexDy6Ur27qPMkJjUwnIxhVBB4z93p1NZdrGL+S/Kvc3KRynyvtAaMBhgbc5IyB0IweRkHk14NanOjeM42PpaNaniFzwkn6Gva3MclrK8DOEmmCCV2VGjIAOCp9cY467uR3q2txZ6g8MYvBaHgsp2rvYfwEdc/ka52a3GoM13b3QubHzAXmuh8gKkBT8uGRjjGScfyKrY3TWSE2F4Y2iLzWM8qMs4Y8rKwDtuBI4BGc85xWN9ka6WbR1djbpJbrgqyrJnc0hDKDkkK4+8OMDJHH0ok2zXpkSPdeKu+aE4OEPAYAcgdfrzUVjbyu1xbCyKSSBCyOzGFXwSQm7gY6EHA4HBzTNJvL2dp4lhaO3ttyF4Sp53feyvAB68f3enNa3u+VI577yvsWrVg9vL8zXCqCHjjUJ0xzzgjGOe9VINSjIcy2UhtV2b5bqbzAE6qQByen16UkniLT7zVDYXE23UgpaWyltSjhAMliCOfbqDmmPqFvfyReTqDR2hQOxhkMaDoAGyuScjtj0pyXLo+gRkpK6W5as9QiurnzISknloZWkh3RkknjIxjGM53c5zwO95gkyeVMzOpAdWkAYEgkgYJOPasKPVoZIPKia4vY5JiktxCkca4x/ECwKqMc9TzyDwa0la1JAeVZWR1RMKQ2VJB3Nn0yOc9B3pRbWoOPZE5R5H822tY44t+ZGmXkLwDt9j9KdJIq2rSJ5aRhlaGQlip5PIA6Dr+XNJ9pjKJCoa3EjERyOAFZhyxUg+g5Bx361HJcRyeVJ54gkXKb1QFSdvDEk8DIPI79aG0ZXbK893FZwSieaGD5slpJHZSmcZ+mO3OT1rPuNPuNTRGsmtbS2MkZl8mFXAQDJYA/LuIwOAcHnNGoeIItMjv7hLW4aKOBv3yujJuOAoBJySTn5cA8c1k6deTiER3qxBbgxRiOTa0mMbyzhsBSPT07Cp1k7Gy92Lk9CytrZ6fNIixLFPM32gfa5klC4GN2eAzEAYzkD25q5o+lppVvLt85POJnKTNuwzksQOSQBn7oIAzWhHprLNL5su6LjOXyDxgjngL7DFW5IAq4xj6fpX6Fk3DU6rVfF6R6I/L+IOL4YdPD4H3pdZdEYNzb3A3CKfcM52yLnBz65zVNlcwskoVOM7kfr+nArZukRVZnbYijLMxwOnXrWVdQtPGpgYFGIOQMhl9Pyr9Qp04Uo8kFZLZH43OtUxE/a1W3d6lH7QLiSVUKSxL/y1ikDKWzgjg9uPzrB1DWLWLU3s7nUFEpEXl29usnm7ixwSQMYOAfoDnrirzafZeH4ZUsbSzim8jeFiXfsQvzhUOSd3JBrNunk1KS1ayiuL0l9r3lmjRwfKMO0qsA2wH7o9Tz7+PUxV/cvr+D8j36OC5f3ijp2vqvMqro81u0E32q9vpIXb5pJRyXPJbpnA7e3FfJ/xiutd8QfES9stRs5hdRyfZ7Ozj+YiHJKbMfe3feyO59q+xZ5RY2JmmlIjRAS7Alj0wcAcnp0FcH49uprONbnTtPhu9SysIuJSA8MZYFgpxwCMjH412zgoRfKvkebGUq0lzy8rs+Q9e0fVPCrxw3mnz2MsmcfaIyvTjgGk0bVW+cygsFwNwPJ/GvoHXtPbVXurbVYra/guG8wW5YJ5UeAAV7ghsDdxkk+leBeINKj0DUruxSUb4jkg5OG67QSBnGeuBmubmNnT0unc6e21GO+YK8YliHRgQjpnrg9x7HP4VClwyNlT14HPJ9K44atLYqGQBZMfKB/OtbR9ZN6sjNAuY8dGx1ycgfga2UzBxOp82S3dVnieJscq6lfx5qRLtZMkcgc9M1Q0+/+9FHcTiF1wYi3yn8Kjiby/LBYNlhndyPxrTmM+Vl2S4Xdg9uw7VWkm3NkKSWOBg8j2qypM0wQpbgk4LJEFHP4VTmsJtit02MC2R/DkDOaVwSHR2sksZyF34JCZ+Y4Hb/PaoLcNNNEFB8vkOx46jg/pW7b6XErrJvaRvvAgfljFaum6ekiiJImeYnlQuSc+1D2GZtjZ/Z2IiGSflPPUZ9fStaGQR5jmOyI/MJME/gfyqn4w1qx8A2wN4jPqM3ywWFvgs3TJc9FAH459Kz7f4gaHe2byvdJZlVLvHONrLjsB/EfTGc0lJXsHKyD4leOivhsWFmhtLMviNWOXmkx80r+4HAHRQa9h/Y5/YRu/isll4z+IEE1j4POJbLS8mOXVB2dj1SD3GC/bA5Ppv7Lf7GafEDWrDx98RNHa10qJUfR/DV4o3T87hc3a9gTgiI9eC3GAf0Xs9HiEaqqKFAwFxx7DFbRp9ZGU6llyxPPdNsdQ03UtN0q18OwQaNHBs862kVYrcKSEjRMDgIF4A4zgdOesi0jAGI1Ga6610mNFHygHrjFTXC21iLfzEkJnlWFfKjL4ZumcDgccseB+NWny31uRK1SyUbNficrbaKLeMJHEsaZJ2qoA56mrS6bnqvGPSus+xxc4Uc1ItqnoKfORy33OA0fwxPpsuou13dXYurg3Cx3Dhlhz1RMAYXPY1rLayBdpXB966v7KnoKPsqnnb+lTFqOiNJc03dnHyWDMc7ciovsLKwIT9K7M2idMUn2NOflGD7VXtCOQ4ttLlZgcUn9jsx+7nvXafY09O9H2VeuKOcXIcpDou8AbM1E2jRzR+ZEUdD0dSCODiux8lMDgCobrybO3kll+SONSzEKTgd+AM/lS5iuQ4S98PuUZcEBgRuXgjPoexrNk0GTbtKk8Y55r0prVSOmc85xUUlhGcbhk0cwuVnk3/CJNFfTXYaV3lVVKNISgAzjavQHnk9T3qreaLMmT5YNeuNp6HPyce1Zd5pyYI2cD2ojyrQJOW7PIJtMli/5ZiqjW1wP+WYJ+lel3liASNg59qomwUr8q4PsK0ST2Icnc85khvOAI81n3um3F9bzWtxbpcW8yNHJDIMq6MCGUj0IJH416i1mgfYVXcfmx3I7nHpyKrSaeu4/Lj8KfKmCl1Pgjx94K1D4f28unaosj29uxGnXrdLq3xle/DoMI30B714Y1s+qXbzurR2Zb5EP8Xufb2r76/ab+C//AAsfwe99pZjj1vTAfLzKES4iBy0LEkAHJyM9+OM18sT/AAZ8R6La/wDE6sJtFkVjHtdCfMbAYEN9wjBHKk9+4rklHlkzsi3KKdjzW8RZIxGXLMAVAx1HQYrJn0xvMPlsrhRlirgZPfGfauq1WzeyvJI7opZlThm5Zuec/l+lc/HGQBKIw2SSnGdnJ5A9aaAxpLVH+UDPTYO59f1/lTbrT49YtljvI97qNq3Cj5seh/vCrrW4RlPAZ+dpbnn+VT2e22kbzIyW24G7IIPY1sn3M2mJ8Of2b9F+JN/f2l144s/BtxBayT2099Hvt7h1BIizkFWP1PsD0rybxF4E8QafqJtJfs940R8tXglG0jPGCcZH1r26GaJmw0e4HqcYOMe1LNZ280YJwrjjEiBufXpmq92RHM4nhifD/wARQlnurWOBEbayyXUQfj/Z3bqrN4L1W+vXeVUTzGZgpcyNyfQV7vNa8szSxOzc5ZM5qCSNod6wyrFtGDsUKT2x0/zilyI0UmeZ6L8MEtGSe9YRp1Elzxn3CDr+NdckyW8RgsEKR4wZpBh39gB0+gqzNGGOX3Oefmck7vfn2pscKNJ8+5skbVA5PNZ7D1buyuqeZkAcd2z+tWbW387CRHI4GO+PYd6aJCpYIvLZU5XkDPQelatraxxrFIPmOM7SMYPpmjcGSaPY+Zl96lQOD3/z/hXZeCfAupePPEVjoelmBr+9lWCMuSqjJCjJ2nAyRWBC0kbMx6cHpz7/AI19Qfsi6G958UPDcekyRRzlZrs3skYlUyJC+MrkZVScdjkk+lEpcqFH3nZsv2v/AATl+I8l1Clxq3h2G3Z1Ek0VzK5RcgFgpiGSB0GeTiv0D8E+DtO8AeE9K8O6RF5OnabbpbQr3wByT7k5Yn1JrR0eO8h02BL+eO5vFQebNDH5aM3qFycCr24cCsXNy6GnKk7DVU9eop46/wD16XcO1Rx3ULzPEHUyoAWQEErnpkds1FykiSinZHpRSKsfjr/wqey5G1lHTOwf4U61+GNtZXMU8DSQywuHR4cKyEdCCOlextYAPgjbnpuXg0z+zFDAbVPp6flXaoxeljj55LVPU8km+GNheSs8u9nLM5L8kkkknnuT1qb/AIVbpbRqFiccg7sAkEfhXqR0lUkBbg8dsigaf823A45xQqcYq0VZDdWc3zSd2eX/APCs9NcqXg3ehYU26+EOm20okMayHhvkZWHPuK9TbTXOdyKo7Meae63Zh+yi6khtSQWhVF+bHOAx5A9v8axqe0jZ00mdNBUal1Vk12PM7b4W6J9oiMsZt4icPKE3+WD1O0DJ+gqxH8N9HilKx2xKbjtMqlGI9xzgn0rvktSTlY165DdPWpVsz8wR2VWG1gCCTznGTz269amUHzuS+4Izhycknr3OOtfAenw5ZLVD9XJrds9Ns9PQyyrHbxxgB5pASFHvgc1ryKkJCjeSwwBGmST7noB9f1NPYfLs4BX+IDFOUue8YaNBBezSnUV4smha1s2nkPnGCI4LC1cMwwDlUIBYc9e9WYza3SiWBn8pshGeNo2OO2080mm2/wBnj2KI1j+8x/iJPt0Aqy892n+jxGCO23B5ZNm6VlH8APYZ79cVzXrxim9Xs/8AM64rCynK2kd0/wBCvBZyXFyZ7hILlLVgwitJFKDtuDt1cA8/jxVhpDHbLczIq2rAyF1kD7EB7jrwB6c0yTSbW6kikmgjlMP3A4yq85zjpnPfGadHYm3uDItzcNG2d9u7/u3Y9yMfexxnHAA4rGFDFUJNwd0dc8TgsRFRqRaf4ehLJJZzM5jm8yFCFEwYbWyARg9Oh9arLHAzSW0MCzGJ0kU5GFI5BJH3SPTqf1q9bRiOAKsCxpjcIk+6M9vf+tJbtJHKE8oQ/LuJQDBbuMZ611Sw8KtOMcRHmfocEcVVoVJTws3BdFcoSeG7K4mad9wnHzjA+RpACAzDnPB6VXXRFXaEhSK8UYN1CQi8dcKRwxGRn3rYieSSHc6LEzc7Op/GnLlsgsG68H9K8Ovwxl1dcyi4s+jw/GWbYW0JyU1/XUyNSnvWtZo4LSGSNww+yzHBk5BAIB+fGc5yO/0qsrSCHde2tugE3mxMs8gXk/Kd2BsRepXOM556Z2r6OW1JDK0ZI+6RgmqR1G7WOGNAzqzGFF/hy/8ADjGOeM54HWvm6/B86a58NVuvM+tw/HNKXuYujy+gyx8O2+nQ3F5aWljE/Jd9Ok33Lk995PLYxhTkD1xVY6ha/wBpW1vNc6hCssbRvBjYzseAWbOduFXjI684ziq/2Fb6K6nshNpc10uDOoBLADCjDAEEH2/lTLKO7tdQZprmW5s1hAEVy6zNM/AJYlVIyAOATjnFfO1six9NOcoN+mp9VhuI8trOMKdVLyehsW95JpcJN4+VHOy4UFl4HzNwS3Gcd+DU0Elol2bloXZxu89p8jzCcBQu4/d56duMd6wbXyZI7iW/v7qOG2bYv2v5fLiPLbAF3GIkgfMf4fSnwanp1iVtoZnnulkYnzIdwdVGGwzMNuAB/EcnHUmvAqU6tJ2mmvU+np1KNZXpyT9Dobi4e2YqnnHy5WSOOMl3ycfLtPJA9D9cisPWL6GSzIuobponh8545IAdqq+0udwI4kKnavJ69MVUmuJZoLU+RJJDIiLvZSQUPcSqeGwxLEbgMCixFybgPawBF3+W9zdM0rLGOkkW7kOxHrgAknniujCYerjavJTjdmOLxFHAUHWrSUUihqOm6pqzPYadef2PeTw71vWsYpklVX56HAdhknIUjPU9K73whYWGk3CJfpsgkV/N+ybgoc4w2OWIyBnvjHXpVO3xCkhT5vMOWYnLMfc9/wD9VPDs3B6fSv13KeHqWDiqldJz/I/CM+4rr5hJ0cM3Gn+LGW8eoKs0N49ncjK7WtVfy3Xkksr9D9PT8K0XjMnU8nk//rqKHHIVqmlmMMbN5bP22pya+ufu6nwcbysjJvrrbdQ2xtZnaVWYzYBiCgdGz3P0rFa+mkvr2PY0kVuABHFbsjbu67nO1z0+7gD3rp5d0jIY3jKFsP3456Y759aV4Y2KgJkMcbhxj3/pXJyubupM9GNT2a5XFX/r8TgY9HNr4hmntdPsLa3uIf31yin7RLITnDdsDn3NJrOmHVbcQre3Vrak75ILV/L8xt2clgM89Dg8jg12iack3mos3nMCdxyDtPXB9O1Vp9KgX5GkUHaWwxAyAeT+v60KjSjB82xP1ivKonBu+xy8qny92Nvy4zXHeLd0NrPIsBujGrMIY8bm9hnvXp03h95LZmjjIVRks38OTxn3rktc8PzLJmQW4g2BRs3F2Ocktk447YrSUuZGcYtPU8jv/MsYbu6t4F+1i2OHdcsDjK5+hPrXz9rvhieOIXTXDTyFd8rSsMk45bPcHFfTnjjSYNM0+4nmhV7CNQyy38ZjUxhhhpAf4SeOTivGPF0MejpqVxrsUDNd+aI9Fh2eW8TbfLlJHKICpx3YHjjJrzJPmn7qvdfcetGnan77s0/6seZ6lBY2enx3M0X2aTb822QSCckAjYPXBGSeFz36VzOj6juuplKCMldwXPTB/wA81Lrc93qk0l3OQsW0DdtCIqjgKqjoB0AFc5Hezfag8eG2gr83Qj3ojBU1a5FWq6zVlojvbfVPsttLcSvgJwrZzyR3/Cqdn4mtIXjkF2jNGc7WbGR0I/Wucaa61K1CFBDb7ssccsR0UfSqiaW0jhQNxbOMda1V2c1ke0Wc3nWyyxOHR8MuO4Pf6V0WsSQaHpMV5dYMbqgVY/md2IwAB3/wry3wfrF5pcMWmyW73BJzF5TDof4T9K7fVNanvGtDMig2sXkxjIYR/wB4jHVj69gMCtdTK3c0LPVrOCNElR7cyEHaxBMY7AkHj6V1ek6vZaTIs9zdC2sypV5s4AGOvv8AQV8/654kkupGtLBic/emB4GeuD/X8qz7eG5uLi202zjn1G/mYQwQxgyOzE/KqLzyT2FRKevKtylHqzU8Y+Ij4g8QT32xmaRhHbQ4JKx9FUD1PX1JNfYX7JP7KUGh3ln40+IFgLjVVKzadoswDJad1lmHRpehCHhepy3Atfs0/sowfD9YPFXi9YrnxRjzIoZGDQ6bkHv0aTHVjwvRfWvqnTbUbkwcg8grW9KjZ80tzGpUdrR2PWvDGsptX5WPPU9Sa7+y1iIqo5zXkXhO8tLq6msobuOa7tQplhVhvjyMjI9xXo2lq7TSo8LIkZUI5YESZHOB1GDxz1rsbTWhxcso7m1JI02rWd79tuoorZXBtY2AhlLD7zjGSR25xWwurR7eCawlTsKlVScf4VlyRT0NvaSkkmba6ovWplv0P8XJrBC8Y6VIo2qPX6UuVCuzfW8BxzVmOTd7isG2Y8ZNasDdBUNGiZckUsuFO1v72M9/61FayzS+f50At9shWP5w+9eMPx0z6HkYqaM8elO4x6VDNbqxGV9qQj86lJ74pNwzg4BoJsQ7SSeKGjJ7n8DU/HPNIV9KLjKrIQeuTQw79qnZCWBz+lRTKYoywXtwvAyew57mk2krsFFydiFoxjise7s7xtREgnj+weUVaHyv3nmZ4bfnpjjbj3zVrStcF7otle30B0mS4wpt7tgjI+SNnOMnjitCSEtnjj3pRlGezKlCVPRo83vfDE9tealNa3M9u11JG/zyNOuQcuFjbATI4yD3zxinw25t4xGNx2jG6RizY9STyT7muu1SxaaGRVVWBG3axwCDwRkdOK8u0vXLddLls/7UsNNv5ruWCCaOf7ZHvxvBO4Lj5Qflb+71NV7SFN2fUtUqmIi5b2N250+O4lhkbcrwtuV1bafcEjqp7jocD0FOkjDKR0+nFWLDF5p9tKl3DeqyD/SYMFJCOCy4JHJB70y4jFvG0kzrGi8szMFC/UmulNWucMlLm5DjfE2l2f2iJ1trKa6lUxzQ3WWMluGy4VM4J3FTkivPPiBqlnqmjTaPcpiCRcIY1GYmH3WXIxkfyyO9er6po+na9apeiK3vCYmSK6jIZhG3DBHHIBxzg9q8j8a6HtnckfmKUVe8l1NJS2i90fGnxj02Gy1K3tJZI5rj7+6MHHl+47EnGPTB5NcJtEiBU3MRwI+2M/pX0D8SvgxP4g1z+1dNuvKuZtqXMdxkptHG5Md8fw9/UVw+teFtO0GOVIrg3UaP5UkkS4ljccMSPTOMDtz1rBrlN4+8rnlU1oFKltrY5ZGOOT2zTlXzVUndNIT86zEKSenDZ/rxV/VrPYy+TOs8TOASvDAkk4INV3jxD0DyZ+Vc8Y9frTIa7laSSP7Y6RthQB1yVzjpn+tWo7d7q382GSJmfBMbTIp/Uiqs1mIbdmLqPMXAPBzj09O1V4lZlHGdo2gEA5H0q0xWQ+WV4ZWjYfOpIbnI+nXBpYUdozK8lqEYEr5suT6fdGT+fpTBZNL83QN0O7FNiiEcaR8NtOMqKL6BYqSzG3kKkmVCOuSFbPt6VPDbySxgD91J3PI/MmtLT9HgvmcynYiYxuHXJxWnpPhPU/E2qLY6NZ3Op3ROFgtYy7Y6DkdOPXA4oSbeg723MuwtI57lVn+X5cF1XLOR0H/167XwB8NdY+IfiK00fQ9PN3fXDEIA4REAGSzseFUYzn8Otc7d6XdaHqU9ld28thf2suySG4QrJE4OfmBHH9c190fsQ2Nvq0ereIIYUhhht0sSkagBZ2bfIPrhVP8AwIU7Nbkva55/4m/4J8+MrGziuNB1zSdenEYMlnJutH3Y5CM2VYZ6ZKn1r3X9j/8AZo1D4L58SeLrgweIL9TaWukwsJI7RWwWZ2XIMrBB0O0AdSTx7foXiFNW1DULeG3uoTYz+Q8lxCY1kbGSYyfvD3FdjbM2Bkkj/PNTLyBXT95FrzCeBx9aCzc8cetAX+7nH1oW4RpmhEimZVDmPPzBScA/TIP5VizYXzXXgjNMhgt4riaeONVmmx5kiqAz4GBk9+PyqZj26D1ppXHGB6UtGGo/zF9KKbtoosgPwP8AB2s+LrFHbwrr19dQRY3Jp919qQD3iO7j/gNd3o37TPirRpjBrWnWOrFBhuGs5x9cArn/AICK+XLr4d6ppsyy2vmqyn5JI85znsV5q+3xH8e6faNp15qc2qWw+XyNTRLspj+6ZAWX/gJFCk4/EglFS2Z9u+G/2k/DOrKi6nBfaHN3aaHzoh/wOPJH4qK9N0XxNo/iqOP+zdWstQQZO23dC5z03c7hj0wPevza074uCGQLqekKVzy9pIY2/wC+WyP5V6Po/iXwVrzQSWXi+HSr1yGMOs2slpsOe0qb0PbnK0XU7XHFSpp26n3e8Kq2CpHUYLYpBGhBA3e/rXzPoeufELSLFbnStUbXNMhGTPbzpqFsBnrvyxxgeor0Pw38VPEN1p73Oq+HbWWwiBaa+trvykQDqG3blDexIzXUnfQ4+WXU9S+zuZAS+2PHEflqPx3YyakQfux8pBB4BwPX0ridB+NXhTXrpoImurZ9pZ5LpAsagcD5snOcjpXb2d1barlbKWO5I5KwOHIx6gdKim6cU0tDasqk3G+unQZIp8wDY657k03y1X5mdic/jVvy3UHcSVxn5h0qPydxB+Yj0BOK0upK8TNR961TRliNV2YBYD1HenQymRivkyRbePMaQHzPcAdB060irtX/AApzMFUsTgd8Cs5d29i4Xs1FXuTKDnBOQTz1p6hMgnI7fKahjmjuNxgMjRhtoaSIxk+4U84+vWlVj2J9q0hOE43iRUpTpu0kWNqsynzGUD+ANwf94d6Om3BUrnJyTkcVFFMrqdjqwUkbgc8+lSRy7WAx9fSqsmrxFdp2khGiLkHqPrSSKVUgjPrSi4EmBt25ON2M0ySc9M9OaE2TpuUGh8lnO5mLtlnklZjwMdTn0A7Ugjxyi592qVpAzEEMMdMgimM465bFEI2emw6lTnSvv3I5NqrumeOMZ+aSR9qr7knoKj/dyxh4yHRhlXByp+lTyHd0bA9MdaQKNu0EYA4ycVfvKXkZ3i4+ZB8q5G4jPcflUMtmLqPyJcPCEKBGHABOSF9OeeKsqm5Cw2qPzNPWZV52hz24rOtQo1lapFP5G9DFYjDu9KbXzMrR/BMHh7yWt7i+eKBdkVvc3IlhiTGNqKwyo6nr/IVr7GZQSd3bk1J9oTyim4jP8OP5U0sEUgcDOfmOa58PgsPhW5UYKLZ04rMsZjoqOIqOSW1wDHIzj+dO80qT2BPrioPOjcsiyxs6gFlRgzLnoGx0PHQ1PDdxwsDMwWPoSR09/pXS6keXm6HB7OfMoNaluNvlxkHnpnmrCfLj5dpz0NMt9UtGQvG6zwsch4sHcPVfWq0l+7KGjRQpAP7wknryMDvislWjJ2Vzp+rTiuaTSs7bl45yMnPtk4qGaRo4ZHjMccgXO6ZWZRjuQDk/hUK3wByeeOKmF4JOMVs43i0tDCM3Gae+pFDqTzsANPEgbavmw3Qwpx8xdSM56fKOnf3sz20c0YDqsgUgjcARkc/mPWo90TCNo3GxvmLLgh/0/WqyNcQzvNJfXV3G3CxSEMsQzztAAOcfngVwU6Toxve663Z6dWssROyXLLokvzJ5rWGeRFaOZmWQMnlKSoPq3IwBn3+lYXjFLLRFjkupEMrqxtrV3RWumVSwjQMQGYgdPeti48XWNvYwSGN7PznZbRp0Je8VV3MVXjGOM5wAAScDmvkn4+ftLXOvagNK8NvG9zGPKS/hJeO0yoR0tCRnJ53Td8kJgcnx8Pjnjak44eLUdm3+h7+Iy1ZfShPEyXMtkuvqbfxg+O1t4as73TNMs0lu7wxyNYXYjlbTiFH7qZgSHKtyI/uqfvbiMV8zatqTagr67rOoRzmZy0yyOWneTHAwfmJP948DjkCm6pJJ4Tjtp79P9LlQum4bpGAI6FuAu7vj16muF1G4vPEF59quH3542qMKMdFA/wD15zXo06UMPHlgeJWrzxc+ep8hmp6pN4gusJGtvbof3cKnhfqe7Vc0WyS3SRrqzSaKRdoLA57cjmuri0q28N27C1JubqSNklDxgqEZVP3WGVYHIz+WKi+ztqEcZmC7FHl4hXbu78+v1/wpxi6m4nL2TtFmdDbvqV5HFHGcykIkMYx14GM/1rU0nSRc6o1mkMpeMMN0RyAemC3pnqa6HTfCsuqtHY2CGdpSp81QcDjkc8nnv04Ne06H4C0r4e+H5NQ1SWOIqN0s0nAUep9/QCupROVyPJ38Nr4bswSnlM67nmIAyPY9h/k15zr3iCTWJmtLBmWBTteb1Ht7Vu/Er4jT+PrxrWwVrXRYGIXj55cdz/QVT+HPw68RfFXxZp/hDwbpcmp6veNgKvCxJ/FJI/RI1zlmPH5ispNyfLEtLqzG0PQr7XtUs9D0Gxm1PV72QRxQQDLux/wHJJ4A5PSv0D/Zt/ZWsfhBapq+rCPVPF8yYkulJaKzUjmKEnv2Z+rdBgdfbf2c/wBhzRPgToQdrpNW8UXUYF/q3l7c9zFCCMpGD+LYyewHu9v8N7KNQCGIHfGK6aVFU9W9TnqVr+7E8eXRYrqE28sKTRuNrRyKGVh6EHqPatrTdNnGpQW62U7IyEmdFAjTGMAnPU9gBXqdr4Bs4phIN/3cbMAqeQcnjqOnXua3bfQ7eDBWHH4c1vpuYKRy3h/QRbsZFiCO+MsFAJx79662OBreD5Y97cDapA7+/pVqO1EfITH4VIsbn+E0rroLV7lRrNjfJP58wRI2T7OGHlsSQd5GM5GOOe561bVamW3dv4eO9OFsw/hNRdFEQXnpxT1X2yKl8k8cH6Yp32Vsjt+FLmAIfvcZrRgbb1xVWK3bPtV2OE4qLlotR+1Pzg1BHIvnGIht4UPu2HbjOMZ6Z9uuOadNama4tpRPPEsLMxijYBJcrjDjHIHUYI5rNmy8yU9fam+WN5b1681J/KlzzjpQFhG4x2oBxWZperT6hJeJNpl1p4t5NiPc7cTDn5kwTx9a0OfXFJO5UouLsxxb8/aqd1o9jfWf2Wa0jkt/ME3l4wu/O4Nx3zzVfWtei0OOB5re6nE0giH2S3aUqT3OOg96u3F19mRHMckm51QeTGWI3HGT6Adz2qeaMtGWoyik+5X1rQbHxDZ/ZtQgW5iDh13dUcdHB7EdqW6sZzpTW1peNb3AjCR3UqCYqQMbiDgMaksre4t2uWnvDd+ZKXjBjVBEvZBgcj3PNWVkViyjaWGMqCMj8KEle4OUtr3SIPsylVBO5sdfU+vtWBF4D0nT3uJLPT7e3a4fzJNiDDMM/MQeM8np611DchfUGnL3z/Kqsm7tEKUo3UXa5yCeGVsIRFbQRW8IJYRxIEUE8k4Axyaz9S0WO8tZra7t1nt5QUkjkGVYY5BFd9tBP40yS3RvvKD+FacytZoy5ZX5k9TzOx8P2mj6bHY6faJa2kQIjiiBAHOe/vn864jxloJkVm2mvf2sosfcH5Vm6r4btdQj2sNhPoBWsKkY6JGcoyk+ZvU+QNS0Uq7Y69K8/wDGfgmO+sbkpax+c4yzhMMx9Se/419mal8ILG4kLMWP04rGu/gbZzKQskyH3wRV+6+pKlKJ+XPiTwJqFvcCWK3aUoTuxhWP09a4zWm1C2ci3gQlRiRZYye3T2r9QNc/Zi+3TFhFDJz95iQT+ArAvf2O7S8TP2hoj0x5e4Co9n2Zr7RX1PzDuPEN5CP9I0hskcvBMefwYH+ddBZ3H+hK55EiYOf4eO1fcXiD9g24uHP2K6tnQj+NChDZ/Gud0v8A4J6av/aCDUL5obPeG/cSK23Bz0xnH+NLk8w50fEt94igsbyS1FtdSyQnaxVBtLDrjJ6decUukayLy7KNZzRIBnc5HP8AhX6HTfsD6e0bKL0nn+OHOPx61Vt/2Dzas4R7WQMMEMCMjvwfWq5LdQ5j47+Hunwa54mSwkRH82FiqsM4IIPTuQM195/DnT7LSdJitdNtYbK2QBdkK7c4HViBkn3OaueC/wBj/SfDsyyDTLO0lRcJJbruf0OWNepaX8Hhp6hYp3UDp8oropuNN3bOapeR5J4++F/hb4j69oC674clv7oyNE2o2s5gaONUJCSsDl0JwAOoJyCK9J+GfhmPwDosml20cMdj9pkkhgt4EhjiRiMIAoGcY+8xLE5JNdN4f8Bn+0r0zR3arBIqRvPgJJ8vJjweBnr611kfg+x+0R3LQfv1UorZPAOM/wAhUSqRbbNuSSXKzP0uRZ2GxSCT19/U109upVQT1HvUdvpcdrxGm01ejiYcd65ZSXQqMWCtge9GFUnPyn1p5ibbjqaZHbymRzLt2A/JtznGB1985/Ssbo3Rl2b61c3kMk62tnbJJMskSkyvKnHlMG42nqSMGtlc8ZqRU46Z+lOMfHFQtCnd9CLj3oqTy6KonlZ+ENlJpc8pGm65Y3M0mc/blNpLknJI8zMYP+62fpUWs6HcRwt9s0ndabQd8ke+Inr98cH865q8+HOnySZ0a91HTAwwsLyLcR5+h5A9vaq1lovjfw8JZNKnW7QcsLKdoHYcjlD8p47eldWltUZKLS91jb7wPpOtKzLbGJtoYGE/LgD05FYMvwBvtSXfpZ3q52p5gKAt12huVJx24ro/+Fmajp8jx+INHyxwA15amFuD1EseAfqc13Wj/Gm2m0mXTbbXdTg0112fZLlIry25HOBjcoznHB6Co5IMrnnFHz9qnw58bfDm+FwLW+0y5XkXFnIQeefvxk4/GpbP40+MtP3xXd8NVjJHmR6hGJCxHqww+fxyK+h/Dt/Z/amdfsutO53mVLwrLgDgYbDD3xz6EVR8VafZeJL5xq2nWYYcJFLaiEqvsfvfmxNQ6XYpVOZao840L9orT4Ydt34e/sy8wAt5pz79vXJCOeCfXcTxxiut8O/ETQdYm/0LxBDFO/O27la0kyeuGbA/Jufeuf1T4K6LfMxhW8sS3K7cSIfwbnr71y+pfADU1Xfp93b3QxwrZhY+2G4J/GpcZLzLi43Pp/w78RvEui2+ItRuZLViG/0hEu0yPRuCBg9A3pXfaX8drNYc39oof+9bKwHvkHJB/Pr1r4Dbwv44+H6rdxJqekx52iaJnjQkc43KdtdTo/7SHijSo1i1fSdL11Y1wJrq2MNwOMZ86EoSf94GlGSjo1YJxlN3vc/QXR/iV4d1yANBqMcLEZEdx8pPTgV0NrNFe5aGaOUesThh+hr884fjr4Y1byfP0u/0G4XGZLaRbmP3xuAYfrXovgf4rxmVBpniq3uFx8sE8vkyD1B3Dd09K2U1vcwcH1R9lzxSNH+6mMLj7sqgMQfXDAg/iKkij/d/ez/tHA/GvELP4qa1Y7AkrXKkZAnTzI/bDdf1rp7T41IoQXWjs5AIdrWUE/UKwH86rlTlz21B1Jcvs29D0ny8c5AGce+aNrMhYcgVzek/EbQdcl8qO8NtPtJ8u8QwnAGTyflPHoa6G3eK8h823lSdCAd8TBwfoRWya2OeSlu0DfLyBj3z1qF3PXf7dasrETyqlvaj7Du6n/69VGxDM/5uxJPfngUv2dwMn5V6561pw2ojI3jOP4f8aLxE8s7DhwMZbkVWmyItdXKYiTbuYke+arTKjNhFYn60MxhyDkYo3Mx3dfwxVWFzdCNS6q373aD97gY6+9JLIqYOck9SadsLMTtPSnx26q2WAc9qQD7a3Z87F3kqSOPu4GSfyBrzLxL+0n4R0OxEVpbahd6mJMNLLKiW7ryNyjG707+teqWt59huFnBTzIyCFlAKtz90g9Qe49M15/4s+AvgbxrrU2rt4eOm7vmmt9LuJYbcse4TJ2fRSB7Vz1ZO9k7HXRhpe1zoPBfjjQvHFnpq6VqCz6xfMw+xtAYg+FZj5fLbmwvIz6noK6B42bHyIc9eR+VSfA/wP4Q+DkkN5pPhG5bVIy+Nca4865CtwUxKpTGOOADjvWp4s1STxBr0lzHYR2MTEgC3t1j5J+84U4JPciueNSdJP2i91dTf2aqyiqb95nPXV5eW6Rpp2jwX7NlCrTeVs6YIABz9OKv3FviHd5TI2fmAGefb1qteXcMdy8Nk88kSAKZZUKbm77e+B6+uaSPUHjUKQSAOhJ/qarDyjV/ew+FjxSlRX1eoveXb/Mmt1MmUJjEed7BocscDHDZ4HsBU3lxSKF2oARwQMfWom1QqwbaQ2MVL/aiSq3mtjAzvIxtrqUYwTaW5wupKdk3tsWI7WNZI0ZSR7kkAD+VcHrvxMtdB1KVbJYrwWL51KZrpYYtPhZW+aRvwxtGSSQMZOK0/iB4wstB8OpMuqW1taOTHdTsrGTayH5YSCD5vKkc8A5JUDJ+HviF8QJvFU0Wg6ZajTtDtpMx2QlDeZJ/z1mcY8yQ85Y8DOBgV5spQxUJQ+z/Wx69OE8FUhV05t7f5nT/F/wDaC1b4iKdK0u9mt9Bjj23OoSII5rtQQM7B9yMkD5ByxGWzwB5df3cfhyaM3GmJNfyRLMscp27lPKvMByMjB2jBI68HmlY63DoMs0kKx3upK+IpSA8ERHVwOjt6du5z0rC/03xDqTRQs09xMxeS4lfOT/E7Me3qTSpQhRgqdNWQ61apiJupVd2ylqEeoeJtc3yySajfzOFwoyzdlVR2AHAAwAOK6SHRY9CQrujn1In5/JbdHB22rjOW9W/L1rY0df8AhGrK4isrKS6maPEl9tZWIJOdo/hXj/ePf0qLRdN/tnX47MXUOnj78tzKcrEgGWIA+83P3Rya1UerOZyvsZM3mRgebAftCkDYoPfu2K6TwD4Q1DxVqSW8EBuZD/rZOkaDuPb3ArrdC8Iy+PLqDSNHgay0G3yJLtgDJMwH33b+NjyPQDAHrXs1/feGfgb4REku23hjXaqjBlnf0HqffoK1S6szb7EOn6P4f+EPhyXU9UuUhWNcPMwHJ7Ii/XoBXg/izVvEnx8W+vrZP7P8I6a+BGzgb2HOT6tjn0A461xvxE+ImrfE/VTe6ixt9OhJFtZKTsRexI7k+v8ASvTf2X/gl4+/aK1ifwf4Uzp+gh0m1bV7iMm2sYz0Lf3pCPuxjk9TgDIiUubRbFxj1kcx8Hf2fPEPx68WHwr4PUXGoRshctE4t4LcnDzzzdI0XjA5ZycKM1+yP7M/7KPhL9mXwYNL0SEXus3Sq2qa5OgE97IO3+xEDnbGOB1OW5rq/gL+z/4R/Z38DxeG/Clj5asRLe38wDXN/NjBlmfueuAPlUHAA7+meX0+U+/FJe7sOT5jnvtliutLpRJF8YfPCeU23ZnH3sY7dM5rR+wr3Xn6VpMp24ycdxVK10e3s767u4xJ510VMpeVmHyjChQThe/A9aOaRPLCxF9hXHQflThaAL2q9t7daUJ+VVzE8qKX2QegpVtB6CroFLt9KLsOUpi1FO+zirPH40n4UrsOVFf7MPSl+z8kHGKn/l2pcdzzRcfKitFbsskhL71Jyq7QNox0z3555qXbt7U/6cUMOKRQy2miurdJoJFlhcbkkjIKsD3B7ipee1RqoXAAAA6ADAFPGO9IT8hCM1HNCLiN43yVYYO1iDz6EdKl9Kbz2A+lAxOQ3aopY2kkjKSeWqtll2ghxgjHtzg5HpU2TwSCPpS4+UdOfUUwuVJIGlkiYSSJ5bbsI2A3BGG9Rz09QKsc4680u30HHtQFHbr70DGTQ/aIwgeSP5gd0b7Twc4z6HofXmneWqyNKqqHYAMygAkDpn6Z/DNV4p7ptQnje1WOzVFaO5EoJdj1UpjK49ec1hfEjxJJ4Z8OG5jma0Mkqwm7WISCAH+IqSM9McetZSqKEXJm1OnKpNQjuzrFxSbT17HpUNhOt3ZwTo4kWWNXDoOGBAOR7VaAP1qlK6ujKS5W0yML17AUMD1PFSY64qteR3MnlfZpY4cSKZPMjL7kHVRgjBPHPP0p3EkPG5Rz1oZdy4PX2qUcdaUqKLiIPu4G3J+tLtHcYqXy6YyErgcGncBnlr3HFRm3T0FPuI5vIf7OEM+Pk84nbn3xz+VSiPOCeGxTuHKip9lB56Cj7KG7D1q3t24yadtFHMTyopfZvWmiAN1HQ96vbR9KTy+KOYXKip9nC/dp4j9qn8vHv9aPL96Llco2OLHoKnVaRUC1KqnH8qhspIaq9aXb6dakVfwNGyoNLDVX8Kijh+zqwLs+WZsuckZOcD2Hap9hqrqU81tZzSwW7XUyKWSFSFLnsMngUDQ+1vILtN0MscyZK7o2DDIOCOO9WQfeszTdPt7G2P2ezjs/NYyvEigfO3LE44Jz1NS2Ml3I0xuYEhxIVj2Sb9ydmPAwT6Uhu19C9RTNw9aKYj8ONK+D/ia8t47rw/qL3ELNtEWpiOVOBnAbcrj6nNZuuHxH4EhMniHQDbw55utPvY5VPbOxiCPzNFFRGrJWOdybeozQfFWn+MLXGmXS3MeCrRtE6YB6ghhg46d6juPh34Z1Tzln0iOGYKxN1bOYpc+uB8ucj9aKK64y5ldlWOTvPhTPatv07XGKZ+WO/i3e3DLyPrTLjUPGfgm38+8HmaeSVMiTLNGQP9h+cUUVrJcr0FbXUt6D8YLPUiqz2h3L8rSWbvC+3PTacp19q6qy8RWmrSKljqTxXBONt1Cc8jpuXP8AKiipi23qJqy0NW+s9U0yGE3TfZ4JG3JKsm5Dyc5A5IOO4rE8R+BdL1qZ3S0tHD7WZ4YzGVyPug8H8TnJoorosmY3fMeb6t8JdLkuDDHK9vKBgblDLnuMggjj2NcpqXwi1CCN57Z1mhVjiRWHH4Ng0UVjOnG10aRqSvZmbpfiDxX4OBbTNXuLZV6pFMdp+qniu20H9pzxDp7BdSsbLU484bCGJ/rkcZ69u9FFccr0/hZ1WUt0enaB+0v4X1hkt7yGfS5peCjweag9Dlef07V65oejrqdi2paNe/ZwB5iyWrSQs4I6dsfiKKK1hUlJ6mU4RUdC9b/ErxT4bCxnUEvgo4S+QSF+OfmABHNbGmftJWaMsWraa6TLnf8AZH3gD1wwH5Z7UUV1I5vi3O/8N/EjQ/Fyj7BcOZf+eTxMrD9MfrWxfX1vYwtJcyNFEB9/bvOe3A9eKKKicmoXQUIqVVJ7Ffy9xBOQD05qb7KZOR0HBNFFdcdUjjqe7KSRFKscEqRvMElY4RCCd3BJxgY4A70pWRSOAf50UVhTk3KVzepFRjBrqR7fOyew5Net+D/Cc9np8JvIY7i5mtkktw4XaiOAVJA4PHrk+vNFFROEZSUmtio1Z0o2g7XN9fh7MbfaUVwOd2/A/AVyfiLwhe2gklt5FjjZdrQg/LIPQ0UU+juZ7O6PKLu3n02+ihlU+TK5w3mFtvHAA/D14q3FcS2TM0UdvJuG0/aIy2PpgjBooqPZRl7j2Z1xrTpyVRPUqTTJa28ks0nyxqWdgOgA56V4j8QfidHqHh19UvnuLbwi8r20Nranbc6tKoG6Mv8A8sYhkbifmI6A9iitvs2MY6y5vM+ePFXjrV/GmqxXF1exW1har5VvZW8REFtAR91EOfTkk5J5J715/qmsJ+8trOMQx/deT+NvUZ7CiiuCpvZHctXqQaDok3iC9kgjkWGKOJp5pH+7HGgG5iBycegGT+o3PtsMVqbDS4/It1YGSeYfvrlucM5GcAdlHA9zzRRRHuZyetiax1O/1y6Fkt82W+V5HJwnHQD0zgV2vwz+Gn/CZ3bLDL5WnxNtnuc4klYdUA7Liiitokt6Ht/i/wAU6J8FPCCSra/Iv7m3t4VILtjOCe3Tk18j+LvFmqfEHV31nWZtyA/uLZT8ka9QAP8AOe9FFZ1G72KpJWueqfsqfsua7+1V4/k0qyu49K0PTRHPqupOVZ7eFiQojj6vIxBA/hHVj2P7Z/Cf4R+Fvgn4JsfCvhDS49L0m1G7A+aWeQgBpZX6vI3dj9BgAAFFPZaFyfQ7iOEL1pYbdYVYJuwzFvmYnk8nr0+naiip6kEm3d3o8sGiikMb5YpPLXrRRQICmMYP60jR9OaKKdxlb7REb77IWPn+X5u3H8OcZz9as+X70UUrgN8v8aPL96KKL62H0uJ5ZyMUpjbbRRVCG7exo27e+KKKBC7T17Um0+v50UUDAcHBpNu1uOtFFAB70c//AKjRRQBBcWUd1NbyO8qtbv5iiOVkUnGMMAfmHJ4PFWGijmjZJEV4yPmVwCD+FFFDiirskjjSJVVAFUcAKMAVIBtooqfIi4fjmjb+VFFA1qGNvesrUvEthpGo2NhczGO6vSRBGEJ34IBOccdR1Peiipk2aUYqcnFmqOc4/WjbRRVGYY60fU0UUAJR2oooASo/Ob7R5ZibZs3ebkbeuNvXOfwxRRQBLt+bFV9QszqFq8C3E1qWxiW3ba4IOeDj+dFFA1uWVU4HOamXHFFFQaD6KKKACkKg0UUAN2jOKVgMUUUhDfLP+SaKKKYz/9k=)

Рисунок 3 – Робот с манипулятором с одной ПСП и одной ОСП

Изображение выглядит как внутренний

Автоматически созданное описание

Рисунок 4 – Робот с манипулятором с тремя ПСП



Рисунок 5 – Робот с манипулятором с двумя ПСП и одной ОСП

Изображение выглядит как внутренний

Автоматически созданное описание

Рисунок 6 – Робот с манипулятором с четырьмя ПСП



Рисунок 7 – Робот с манипулятором с тремя ПСП и одной ОСП

Произведен анализ успешности прохождений испытаний каждым из роботов (рис. 1–7). Результаты анализа представлены в таблице 2.  
Таблица 2 – Оценочная таблица успешности прохождений испытаний роботами различных категорий

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Испытание | 1 ПСП | 2 ПСП | 1 ПСП, 1 ОСП | 3 ПСП | 2 ПСП, 1 ОСП | 4 ПСП | 3 ПСП, 2 ОСП |
| Траншея | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| Дверь | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Вентили | 0 | 0 | 45 | 0 | 45 | 45 | 45 |
| Кнопка | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Маяки | 73 | 83 | 73 | 83 | 83 | 83 | 83 |
| Обломки | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| Трубы | 5 | 10 | 14 | 10 | 19 | 19 | 19 |
| Мишень | 4 | 6 | 10 | 8 | 10 | 10 | 10 |
| Итого: | 106 | 123 | 166 | 125 | 181 | 181 | 181 |

Исходя из результатов оценочной таблицы 2 можно сделать вывод, что робот, обладающим манипулятором с одной ПСП, не способен выполнить задания, связанные с вращением, а также будет задания, требующие высокой точности. Также с одной ПСП сложно достать предмет, находящийся на большой высоте.

Роботы, обладающие манипулятором с двумя или тремя ПСП, в лучшем случае, смогут справиться с теми же заданиями, что и робот, обладающий манипулятором с одной ПСП. Однако, роботы данной группы лучше справятся с заданием «Маяки», в задании «Трубы» смогут не только извлечь, но и исследовать трубу, также покажут лучшую точность в задании «Мишень», но по-прежнему не смогут выполнить задания, связанные с вращением.

Роботы, обладающие манипулятором с одной ПСП и одной ОСП в лучшем случае смогут справиться с заданиями, связанными с вращением, и добьются лучшей точности на задании «Мишень», но потеряют баллы на исследовании трубы в задании «Трубы».

Роботы, обладающие манипуляторами с двумя ПСП и одной ОСП; а также с четырьмя и пятью степенями подвижности, по выполненной оценке, способны набрать максимум баллов при грамотном управлении оператором.

Поэтому в качестве наилучшего выбран манипулятор, обладающий наиболее простой конструкцией – трехстепенной манипулятор, обладающий двумя ПСП и одной ОСП.

**Расчет и выбор двигателя**

# **Проектировочный расчет**

Для осуществления движения манипулятора с тремя степенями подвижности необходимо наличие трех приводов. Учитывая массогабаритные ограничения [ТА ЖЕ ССЫЛКА НА ТЗ], накладываемые на разрабатываемого робота, принято решение об использовании сервоприводов, обладающих высокой точностью позиционирования за счет наличия обратной связи по положению, высоким КПД, небольшими размерами, а также небольшого количества требуемых соединений (проводов), усложняющих конструкцию манипулятора.

Для выполнения задания «Трубы» и обеспечения видимости оператору внутри трубы, решено установить на бурт, на котором располагается соединения со схватом, USB FPV-камеру.

В качестве материала, из которого изготавливается манипулятор, выбран углепластик благодаря его легкости, а также высоким прочностным характеристикам.

Для снижения требуемой нагрузки и облегчения конструкции решено установить приводы как можно ближе к основанию манипулятора. По этой причине один из приводов закреплен на основании и служит для вращения первым звеном манипулятора, а второй при помощи вспомогательного рычага осуществляет вращение вторым звеном.

Целью проектировочного расчета является расчет требований к моменту и мощности серводвигателей за счет проведения статического расчета манипулятора в крайнем положении, при котором нагрузка будет максимальной.

Т.к. большая часть массы манипулятора сосредоточена на схвате, особенно при необходимости в переноске груза, условие максимальной нагрузки выполняется при максимальном расстоянии от двигателя до выходного звена. Таким образом, манипулятор в крайнем положении, при котором проведен статический расчет, представлено на рисунке 8.

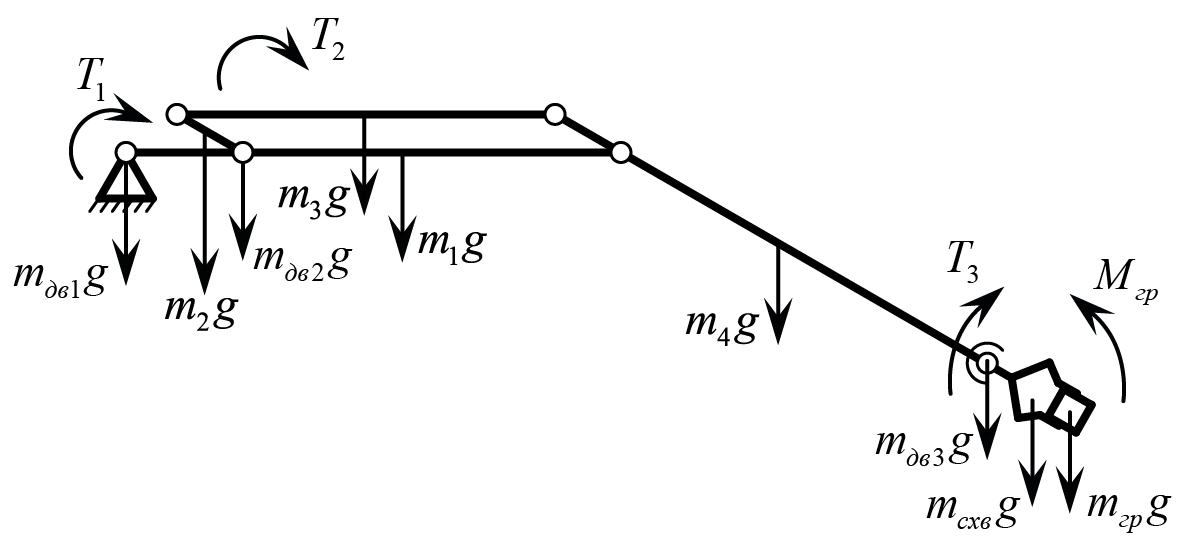


Рисунок 8 – Кинематическая схема манипулятора в крайнем положении

где ускорение свободного падения, массы звеньев манипулятора, масса схвата, масса груза, угол наклона четвертого звена, массы двигателей, расстояние от шарнира между первым и четвертым звеном до второго двигателя, максимальный крутящий момент необходимый для поворота оперируемым предметом.

Назначенные на основании ТЗ массогабаритные характеристики манипулятора с выбранными длинами звеньев и массами представлены в таблице 3.

Таблица 3 — Массогабаритные характеристики манипулятора

|  |  |  |  |
| --- | --- | --- | --- |
|  | кг |  | м |
|  | кг |  | м |
|  | кг |  | м |
|  | кг |  | м |
|  | кг |  | м |
|  | кг |  | м |
|  | кг |  | м |
|  | кг |  | кг |
|  |  |  |  |

Таким образом, моменты, действующие на первый и второй двигатели будут следующие

|  |  |
| --- | --- |
|  | (1) |

|  |  |  |
| --- | --- | --- |
|  | (2) | |
|  | | (3) | |

После подстановки в формулы 1 и 2 массогабаритных характеристик манипулятора, представленных в таблице 1, получено

Для учета динамических характеристик решено при выборе двигателей сделать запас по моменту в 10%.

|  |  |
| --- | --- |
|  | (3) |

Таким образом, получено

На основании полученных моментов для первого зве характеристики которых представлены в таблице 4.

Таблица 4 — Характеристики выбранных двигателей

|  |  |  |  |
| --- | --- | --- | --- |
| № | Сервопривод | Характеристики | |
| Мощность, Вт | Момент, |
| 1 | RDS3235 | 8,73 | 3,5 |
| 2 | RDS3225 | 6,16 | 2,5 |
| 3 | MG996 | 8,06 | 1,5 |

# **Проверочный расчет**

Предположим, что для разрабатываемого манипулятора справедлива средняя скорость вращения звеньев , а для серводвигателей справедливо следующее соотношение

|  |  |
| --- | --- |
|  | (4) |

где время на разгон (торможение), общее время работы.

Пусть требуемый угол поворота звена.

Тогда

|  |  |
| --- | --- |
|  | (5) |
|  | (6) |

Отсюда установившаяся скорость движения двигателя

|  |  |
| --- | --- |
|  | (7) |

В таком случае требуемые мощности двигателей

|  |  |
| --- | --- |
|  | (8) |

Отсюда

Выбранные ранее двигатели удовлетворяют найденным мощностям.