Пермский филиал федерального государственного автономного образовательного учреждения высшего образования

«Национальный исследовательский университет   
«Высшая школа экономики»

**Факультет профессиональной переподготовки**

**Разработка информационной системы контроля мгновенного расхода топлива автомобиля**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Проектная работа по направлению подготовки

«Объектно-ориентированное программирование»

Слушателя Шабурова Ильи Алексеевича

группы ООП-19

Руководитель проектной работы Старший преподаватель

кафедры информационных

технологий в бизнесе

Ланин В. В.

Пермь, 2020

Аннотация

Автор – Шабуров Илья Алексеевич.

Тема работы – «Разработка информационной системы контроля мгновенного расхода топлива автомобиля».

Год издания – 2020.

Издательство – Факультет профессиональной переподготовки НИУ ВШЭ – Пермь.

Количество глав – 3.

В итоговой работе рассмотрены вопросы, связанные с работой и устройством информационной системы контроля мгновенного расхода топлива автомобиля, а также требования, на основе которых выполнена реализация программного продукта.

Работа содержит 25 страниц основного текста, состоит из 3 глав и 6 приложений.

Оглавление

[**Введение** 4](#_Toc42215524)

[Глава 1. Анализ задачи и разработка требований к информационной системе контроля мгновенного расхода топлива 5](#_Toc42215525)

[Глава 2. Проектирование системы 15](#_Toc42215526)

[Глава 3. Реализация информационной системы контроля мгновенного расхода топлива 19](#_Toc42215527)

[Заключение 24](#_Toc42215528)

[Библиографический список 25](#_Toc42215529)

# **Введение**

Автомобили стали неотъемлемой частью жизни человека. С каждым годом их количество на дорогах мира растет, а вместе с ними и растет количество вредных выбросов в атмосферу. Ученые и инженеры работают над повышением экологичности вновь выпускаемых машин, но что же можно сделать с уже выпущенными автомобилями?

Информационная система контроля мгновенного расхода топлива автомобиля позволяет получить информацию о расходе топлива автомобиля в настоящий момент времени, и на основе полученной информации корректировать работу двигателя в сторону более экономичной езды, а с этим и более экологичной.

Целью итоговой проектной работы является разработка информационной системы контроля мгновенного расхода топлива автомобиля для пользователей автомобилей, оснащенных двигателем внутреннего сгорания с микропроцессорным управлением (все современные двигатели) и способных передавать данные в диагностический разъем.

Для достижения указанной цели в работе поставлены следующие задачи:

- анализ разрабатываемой системы;

- формирование требований к разрабатываемой системе;

- проектирование системы;

- разработка системы;

- практический опыт разработки приложений и закрепление знаний, полученных в рамках всей учебной программы.

Для решения поставленных задач были использованы следующие инструменты: язык программирования C#, унифицированный язык моделирования UML, диагностический OBD-II Bluetooth сканер с чипом ELM327 v1.5, а также Bluetooth 4.0 адаптер для ПК.

Глава 1. Анализ задачи и разработка требований к информационной системе контроля мгновенного расхода топлива

Целевой аудиторией информационной системы контроля мгновенного расхода топлива – далее информационная система, являются пользователи автомобилей с двигателем внутреннего сгорания. Указанный двигатель должен быть оснащен микропроцессорным управлением, а также различными датчиками, информация с которых необходима электронному блоку управления двигателем (ЭБУ) для организации правильного режима работы двигателя.

Диагностический Bluetooth сканер имеющий чип ELM327 v1.5 далее – диагностический сканер, является распространенным устройством бюджетного сегмента диагностических сканеров, совмещающий в себе отличную функциональность за приемлемую цену. Сканер является интерпретатором OBD стандарта в RS232 стандарт [1]. Сканер подключается в диагностический разъем автомобиля и способен получить данные с ЭБУ автомобиля, в том числе информацию с различных датчиков двигателя по стандарту OBD-II, работает по системе запрос-ответ по стандарту J1979.

Стандарт OBD-II был разработан в середине 90х годов и позволяет проводить мониторинг систем управления двигателя, стандарт постоянно расширяется и выходят его новые издания [2].

## Формирование требований к разрабатываемой системе

1. Информационная система должна взаимодействовать с диагностическим сканером через последовательный порт и получать данные с ЭБУ автомобиля.
2. Информационная система должна иметь на главном экране кнопки «подключиться» к диагностическому сканеру и «отключиться» от диагностического устройства.
3. Информационная система должна отображать на основном экране информацию о мгновенном расходе топлива, в случае если автомобиль стоит на месте в л/час.
4. Информационная система должна отображать на основном экране информацию о мгновенном расходе топлива в литрах в час (l/h).
5. Частота обновления данных должна составлять минимум 1 раз в секунду.
6. На главном экране должен отображаться график: ось абсцисс – 10 значений, сдвигаемых вправо один раз 6 секунд, в общей сложности 1 минута, ось ординат – усредненный мгновенный расхода топлива за временной промежуток 6 секунд.
7. Если ЭБУ не предоставляет рассчитанную им информацию о мгновенном расходе топлива, информационная система должна рассчитать, основываясь на данных с датчиков массового расхода воздуха или времени открытия форсунок и расчетной производительности форсунок.
8. Информационная система должна содержать меню настроек, в котором выбирается устройство, к которому подключается информационная система.
9. Меню настроек должно иметь поле ввода пользователем расчетной производительности форсунок.

## Формализация требований

Изображение выглядит как текст, карта

Автоматически созданное описаниеНа этапе формализации требований к системе обратимся к диаграмме прецедентов [3, с. 126], представленной на рисунке 1.1:

*Рис.1.1. Диаграмма прецедентов*

У информационной системы есть только один актор – пользователь.

Далее приведено более подробное описание потоков:

1. Название: настройка информационной системы, выбор устройства для подключения

Актор: Пользователь

Краткое описание процесса: Пользователь выбирает диагностический сканер из списка, к которому должна подключиться информационная система

Триггер: открытие настроек информационной системы

Осн. Поток:

|  |  |
| --- | --- |
| Действия акторов | Отклик системы |
| 1. Пользователь нажимает кнопку открытия настроек информационной системы | 1. Система отображает настройки |
| 1. Пользователь нажимает на выпадающий список доступных диагностических сканеров | 1. Система производит поиск устройств. |
|  | 1. Система добавляет устройства в список |
|  | 1. Система отображает список доступных устройств |
| 1. Пользователь выбирает устройство из списка | 1. Система сохраняет устройство в памяти, а также в рабочем файле. |
| 1. Пользователь возвращается на основной экран | 1. Система отрисовывает основной экран с активной кнопкой «Подключить» |

Альтернативный Поток:

|  |  |
| --- | --- |
| Действия акторов | Отклик системы |
| 1. Пользователь нажимает кнопку открытия настроек информационной системы | 1. Система отображает настройки |
| 1. Пользователь нажимает на выпадающий список доступных диагностических сканеров | 1. Система производит поиск окружающих устройств. |
|  | 1. Окружающие устройства не обнаружены |
|  | 1. Система выводит сообщение об отсутствии окружающих устройств |
| 1. Пользователь закрывает настройки | 1. Система отрисовывает основной экран с неактивной кнопкой «Подключить» |

1. Название: настройка информационной системы, установка производительности форсунок

Актор: Пользователь

Краткое описание процесса: Пользователь вводит производительность форсунок

Триггер: открытие настроек информационной системы

Осн. Поток:

|  |  |
| --- | --- |
| Действия акторов | Отклик системы |
| 1. Пользователь нажимает кнопку открытия настроек информационной системы | 1. Система отображает настройки |
| 1. Пользователь вводит производительность форсунок в соответствующее поле | 1. Система сохраняет производительность в памяти, а также в рабочем файле. |
| 1. Пользователь возвращается на основной экран | 1. Система отрисовывает основной экран |

1. Название: подключение к диагностическому сканеру

Актор: Пользователь

Краткое описание процесса: Подключение к диагностическому сканеру, и проверка связи.

Триггер: нажатие на кнопку «Подключить»

Осн. Поток:

|  |  |
| --- | --- |
| Действия акторов | Отклик системы |
| 1. Пользователь нажимает кнопку «Подключить» | 1. Система открывает новое соединение с выбранным в настройках устройством |
|  | 1. Система проверяет идентификацию подключенного устройства |
|  | 1. Система устанавливает статус подключения «Подключено» |

1. Название: получение информации о мгновенном расходе топлива

Актор: Пользователь

Краткое описание процесса: после подключения к диагностическому сканеру информационная система начинает с периодичностью «одна секунда» запрашивать у диагностического сканера информацию о мгновенном расходе топлива, или, если эту информацию сканер не предоставляет, информацию о времени открытия форсунок. Также получает информацию о текущей скорости автомобиля, и отображает ее на экране.

Триггер: статус подключения – «Подключено»

Осн. Поток:

|  |  |
| --- | --- |
| Действия акторов | Отклик системы |
| 1. Пользователь получает информацию о мгновенном расходе топлива | 1. Система опрашивает диагностический сканер |
|  | 1. Система отображает информацию |
|  | 1. Система строит график |
|  | 1. Система отображает статус подключения |

## Описание автоматизируемых активностей с помощью диаграммы активностей

![Изображение выглядит как текст

Автоматически созданное описание](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RD8RXhpZgAATU0AKgAAAAgABAE7AAIAAAAYAAAISodpAAQAAAABAAAIYpydAAEAAAAaAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAANCo0LDQsdGD0YDQvtCyINCY0LvRjNGPAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAMyMQAAkpIAAgAAAAMyMQAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMDowNToyMCAwMToyODo1NgAyMDIwOjA1OjIwIDAxOjI4OjU2AAAAKAQwBDEEQwRABD4EMgQgABgEOwRMBE8EAAD/4QsqaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLwA8P3hwYWNrZXQgYmVnaW49J++7vycgaWQ9J1c1TTBNcENlaGlIenJlU3pOVGN6a2M5ZCc/Pg0KPHg6eG1wbWV0YSB4bWxuczp4PSJhZG9iZTpuczptZXRhLyI+PHJkZjpSREYgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyIvPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0ZURhdGU+MjAyMC0wNS0yMFQwMToyODo1Ni4yMDc8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIj48ZGM6Y3JlYXRvcj48cmRmOlNlcSB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6bGk+0KjQsNCx0YPRgNC+0LIg0JjQu9GM0Y88L3JkZjpsaT48L3JkZjpTZXE+DQoJCQk8L2RjOmNyZWF0b3I+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICA8P3hwYWNrZXQgZW5kPSd3Jz8+/9sAQwAHBQUGBQQHBgUGCAcHCAoRCwoJCQoVDxAMERgVGhkYFRgXGx4nIRsdJR0XGCIuIiUoKSssKxogLzMvKjInKisq/9sAQwEHCAgKCQoUCwsUKhwYHCoqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioq/8AAEQgCVwKwAwEiAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A9Y8Qa/4lh8cReH/DMNlNcTWjXoGoyNHGIlIRvmQM33nXAxnOecClMvxTI/48PCH/AIMLr/4zRK6v8frLawb/AIpm56H/AKeoKv6hrAt9SvBfeIYtIghlWKMSmFA52Kx5ccnmrb5vKxnGPJfVu7/r5FDzfin/AM+HhD/wYXX/AMZo834p5/48PCH/AIMLr/4zWlpWrrc6rbJZa/HrFtN5iu0ZiZUKrnGUHXmumqWrFp3OH834p/8AQP8ACH/gwuv/AIzSCT4pgsfsHhH5jn/kIXXp/wBca7mikM4cy/FMjH2Dwh/4MLr/AOM0eb8U/wDoH+EP/Bhdf/Ga7iigDh/M+Kec/YPCH/gwuv8A4zR5vxT/AOgf4Q/8GF1/8ZruKKAOFWT4nqsPl2Xh1m8oeb9ovJVAfJ6bIzn68Dpx1pWk+KbDH2Dwj1B/5CF16/8AXGu5oqpS5nexEI8kbXv6nD+b8U/+gf4Q/wDBhdf/ABmjzfinnP2Dwh/4MLr/AOM13FcR4g+MXgTwtrk+j69rv2W/t9vmw/Y5325UMOVQg8EdDU3NLMTzfin/ANA/wh/4MLr/AOM0CX4pgf8AHh4Q/wDBhdf/ABmtrwn428P+OLCa98L6h9ut4JfKkfyZI9r4Bxh1B6EVvUCOH834p/8APh4Q/wDBhdf/ABmjzfin/wBA/wAIf+DC6/8AjNdxRQBwwk+KYLH7B4R+Y5/5CF16f9cabLL8UzE3+geFf+2V/cFvw3Q4z9a7uimnZ3E1dWOHaT4ni4m+z2Xhh4d/7s3F7OrEYHZYiAPqSaPM+Kec/YPCH/gwuv8A4zXcUUSd3cUY8sUr3OH834p/9A/wh/4MLr/4zQJfimP+XDwh/wCDC6/+M13FFIo4ZpPimwx9g8I9Qf8AkIXXr/1xpfN+Kf8A0D/CH/gwuv8A4zXcUUAcP5vxTzn7B4Q/8GF1/wDGaPN+Kf8A0D/CH/gwuv8A4zXcUUAcOJfimB/x4eEP/Bhdf/GaVZPiaZ4vtNl4aSLcdxtryd2HynGQ8ajGcdDnp2zXb0VUXyu5M480Wr2OFil+KnkpusPCedoz5l/cbvx2w4z9OKXzPinvLfYPCPIA/wCQhdf/ABn3ruaKT1Y0rKxw5l+KZH/Hh4Q/8GF1/wDGaPN+Kf8A0D/CH/gwuv8A4zXcUUhnD+Z8U85+weEP/Bhdf/GaPN+Kf/QP8If+DC6/+M13FFAHDiX4pj/lw8If+DC6/wDjNI0nxTZCv2DwjyMf8hC6/wDjNdzRQBw/m/FP/oH+EP8AwYXX/wAZrL1DxB8RNN1rTtPvLLQBdarIYbJbe6laIsitI+9mjDKNiHoGz0AB5r0yuL8Xf8lH8Af9f15/6RTVUZcrvYiceZWvb0I/N+Kf/QP8If8Agwuv/jNAl+KYH/Hh4Q/8GF1/8ZrX1vUza6o0c+sJpNrHbrI0snlhSzMy4LOMDoKpW+uxTXdv/ZviiHVg1xHHLDE0DhVY4ySgyKOUfMVTL8Uz/wAuHhD/AMGF1/8AGaPN+Kf/AED/AAh/4MLr/wCM13FFSUcN5nxT3lvsHhHkAf8AIQuv/jPvS+b8U/8AoH+EP/Bhdf8Axmu4ooA4cS/FMD/jw8If+DC6/wDjNBk+KZx/oHhD/wAGF1/8ZruKKAOH834p/wDQP8If+DC6/wDjNAl+KY/5cPCH/gwuv/jNdxRQBwzSfFNkK/YPCPIx/wAhC6/+M0vm/FP/AKB/hD/wYXX/AMZruKKAOH834p5z9g8If+DC6/8AjNHm/FP/AKB/hD/wYXX/AMZruKKAOHEnxTH/AC4eEP8AwYXX/wAZoMvxTI/48PCH/gwuv/jNdxRQBw/m/FP/AKB/hD/wYXX/AMZpPM+Ke8t9g8I8gD/kIXX/AMZ967migDh/N+Kf/QP8If8Agwuv/jNAl+KYH/Hh4Q/8GF1/8Zrptf8AEOk+F9Hl1TX76KxsovvSynqfQAcsT2ABJrN8J/EHwt44E/8Awi2sRXzW/wDrY9jxyKPXY4DY564xnjNC12B6bmWZPimcf6B4Q/8ABhdf/GaPN+Kf/QP8If8Agwuv/jNdxRQBw/m/FPJ/0Dwh/wCDC6/+M0eb8U/+gf4Q/wDBhdf/ABmu4ooA4ZZPimqBfsHhHgY/5CF1/wDGaXzfinnP2Dwh/wCDC6/+M13FFAHD+b8U/wDoH+EP/Bhdf/GaBJ8Ux/y4eEP/AAYXX/xmu4ooA4cy/FMj/jw8If8Agwuv/jNHm/FP/oH+EP8AwYXX/wAZruKKAOG8z4p7w32DwjwCP+Qhdf8Axn2pfN+Kf/QP8If+DC6/+M13FFAHDiX4pj/lw8If+DC6/wDjNBk+KZx/oHhD/wAGF1/8ZruKKAOH834p/wDQP8If+DC6/wDjNHm/FPJ/0Dwh/wCDC6/+M13FFAHD+b8U/wDoH+EP/Bhdf/GaRZPimqBfsHhHgY/5CF1/8ZruaKAOH834p8f6B4Q/8GF1/wDGaPN+Kf8A0D/CH/gwuv8A4zXcUUAcOJPimM/6B4Q/8GF1/wDGaDL8UyP+PDwh/wCDC6/+M13FFAHD+b8U/wDoH+EP/Bhdf/GaTzPinvDfYPCPAI/5CF1/8Z9q7migDh/N+Kf/AED/AAh/4MLr/wCM1c8H63rupaprWm+JrfT7e60ySFP+JfLJIjCSPfnc4B6EDp69a6yuQ8OOifETxpuZV/fWfU/9Oy0AV5/+S/WP/Ys3P/pVBVjWNEv7jUrt0022voJpFkTz9h2EIq8BvpVabP8Awv6xz/0LNz/6VQV3FNOwmrnI6DoV9aaxDPLp9vZQRhyVgKAEkY6L9K66iihu4JWCiiikMKKKKACiiigAooooAK8x8E/8l6+Iv+5p/wD6KNenVmWXhzStO17Udas7Xy9Q1QRi7m8xj5vljCfKTgYHoBTjo7+Q/sten5ngR13UtIh8V2Wl6idJ/tnx62nXGpD71rE4+ZlPRW4wD29jyOjmutY8F694s8J2viXVtZs18MT6pHc6jcmW6spwCoAlABAIAYDtjI759LfwB4Xk07V7GbSIprXWrhrq+jld3EsrdXGSdh9NuMHkYrMt/g94DtPDl3oVv4fjTT72RJbhBPLvkZTlcyb9+AeQM45PHJqEvc5fK34Jfg9V+hbkvac/nf8A8mv+K0f6nmXhuy1bTJfhlrT+MPE9+/iCYfbLW+1N5bcgwlsBPTPqTT/CvxQ8X+HvCus6nf8Ahi71/RbLVbjztWl1lA8SCQDYsTgsQuRgA457V7M/hLQ3XRlNgoXQ2DacqyMogIXYOAfm+Xj5s1y7/Ar4cS6m1/L4aSS4aYzMZLudlZydxypfaRnsRj2pu/O2ttfx5f8AJ9TFLRX8v1/zX+RxnxJ1HVba8i8Z6P4y1CTTLe9toriDT7uOODSoiU3Ce3yTcSNvPGVIyMggClup9X8Zap461ibxtqegHwvO8dhY2NwIoUSNCyzToR+8VyM89gwyRwPRdU+FfgnWvEkWvan4etp9Rj2Yk3Oqts+7ujBCNjgfMDwAOgFLr/ws8FeKNcj1fXfD9vdXybf3u508zHTeqkB+gHzA8cdOKGvdsvP5bffs/vLT1u/L52vp5f8AAPFNa13xt418T+G10ptekmvPDUV9cWOja2NMBfzGBly4ZcHjjGeRzgVb0zxPq198PtK8N3PiDxM+uz63eWclrYSo18xh+YQteOyqqruQmUA5BxjANeveJvhT4L8Y38N74i0VbqeCFbeJluZYgkYJIUKjqOMntUM/wf8AAdz4btdBm8OwHTrOVpoYxLIHV2+8fMDbznjOSei+gxWjv6/rf8v6sLt6f+22/P8Aq55NosniHXfgt4qu9S8T+I7G/wDC97efZ/I1bdKdkasIpplH74Bs8jHXjAwAatN4o0PwH4MtNF1zxJq114w8qa6ebWFjmRhEriGCeRSIQzNnnJOzHOTXtln4B8MafouqaRYaTHbadq277ZawyOiPuXYcAH5MqAPlxTtU8C+G9a8J2/hrVNKjudJtUjSCB3fMQQYXa4O4EDjOckZz1NDs1/4D+G/36fqNb3fn+O3bY8an1zxnpnwM8axaxfXdre6VcQpZz/2zDd3lurSJujkmhIO4c/eCnDY6CtSDTdS8I+PrG0h8W+JNUgvvDl3dump6k0wSRVG0qMADGevJ9675/hF4Ffw7aaE3h+L+zbS5N1FAJpRmUjBZm3bnOOPmJ4AHQCt298L6PqGrxand2Ye8htZLOOQSOu2GT7y7QQOcdcZHas6ick+V7/8AyLX56hF2ST6O/wCKf5L8Tx/wL8VPFOj+B/DU/ijwrdXOk3ksdr/b8mrxzSytI5CsYiN/Xjk9B+Fe7VwOlfBD4d6LqtvqWn+G40urZxJE0l1NKqsOh2u5U46jI4PNd9Wrd9SIppJeQUUUVJQUUUUAFFFFABRRRQAUUUUAFcX4u/5KP4A/6/rz/wBIpq7SuL8Xf8lH8Af9f15/6RTUAX/EOlXt3qRmt7KG9heBY2jmK7QQzHOG69azLDw5qEWpWz/2Va2UaTJJI8Owbgpzzt613FFVzE2CiiipKCiiigAooooAKKKKACiiigAooooAKKKKACiiigDzHx/5H/C5fh9/bHl/2Z5l15fnf6v7XsXyuvG/P3e+enNX/GU/hm0uPEtzZS2sPjKPw9M4ljcrcpCquVYEdMN3HP3ewFdZ4g8OaP4q0mTTPEOnw39nJyY5R904I3KRyrYJ+YEEZ61jaF8L/BvhrTNQsNF0OK2g1KJobo+bI8kkbDBTzGYsBjsCOeetS03Hl9fx/r7tC4yUZqXp+D/r56njOjeOfEmvr8O57PVL5NJt7+106+maZw+o3TIWl3E8uiBQpzkEseuM10fhr+1PEi3vjXU/iNeaHPaa5LaiymmQafFEj7RBJCWUF2B+8WB+YHk816bB4C8M22l6RptvpaRWmi3AurCJJXHlSjPz53ZY/MfvZznmqc/wr8E3Pi1fE0/h62bVllE3nbnCmT++YwdhbPOSuc89ea0ulK/m/wAbf5NW7Mys7W8l+v8AmvmjzrU/CV/N8do/Di+O/GMOn3mlyamwi1hlMcnnFdicYCAdBjPvXKaj4o+Iuo67rniPTJr2GLSdWezieXxBbWmnwKjhRHNbSgb2YH7xYZLDHQV9Fv4c0qTxTH4je1zq0VqbNLjzG4iLbiu3O3rznGfesa++F3gvUvFi+Jb3QLeXVldZPPLOFZh0Zow2xj7kE8D0qI3Tj2V/z/y0NJNO9vL8tfx1PL5PiFqvg/4m+LNS1y/uJdEkEttbWsszPHb3UdvHMiICdq7wzjjqQKoaNrviGz+H0+jeIfEWvyazeeJ/sGdOYS3b5hjdoYpJHAhUMfv849ME17Rf+APDGqNcHUNKSc3F+moy75X+a4RQqv8Ae4+UAYHB7g1Dq3w18I65p95ZaroyXMF7em/mDTSAmcqFLhg2VyABhSB7URulZ9kvxT/z/DzF6ef5Nfhp+Pkcd8CdW126XxRpXiK4vpZNL1BYkj1C/W9mgyp3I06gB8EdhxyK9arD8OeC/D3hGS6bw3pkeni7EYmSF22NsXap2k4Bx1IAJ6nJrcqm72+X5ERVvxCiiikUFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXJeGv+Sh+NP+u1n/6TLXW1yPhvP/CxPGmP+e1n/wCky0AYniLSJdZ+OOn28OrahpRXw7O/nWDornFzENpLowwc56fwj3zsnwHeAf8AI9eKv/Ai3/8AjNV51/4v9Y/9izc/+lUFdsyjaetAHIjwHef9D14q/wDAi3/+M0HwHeZA/wCE68Vf+BFv/wDGa64KMd6Co3DrQByP/CB3n/Q9eKv/AAIt/wD4zSL4EvCzg+OvFXynA/0i39B/0xrsNo9/zpiKN8nX739BQByZ8B3gUn/hOvFX/gRb/wDxmj/hA7z/AKHrxV/4EW//AMZrrmUbT1pdo9/zoA5D/hA7zcB/wnXir/wIt/8A4zR/wgd5/wBD14q/8CLf/wCM11pX5h1p20e/50AcgPAd4Rn/AITrxV/4EW//AMZpH8CXiqCPHXirqB/x8W/r/wBca69VG0dabKo2Dr95f5igDk/+EDvP+h68Vf8AgRb/APxmj/hA7zcR/wAJ14q/8CLf/wCM11+0e/50gUbj1oA5H/hA7z/oevFX/gRb/wDxmgeA7wj/AJHrxV/4EW//AMZrrio96FUbR1oA5H/hA7zj/iuvFX/gRb//ABmj/hA7z/oevFX/AIEW/wD8ZrrioyOvWl2j3/OgDj18CXhZwfHXir5Tgf6Rb+g/6Y0p8B3gUn/hOvFX/gRb/wDxmusRRvk6/e/oKcyjaetAHI/8IHef9D14q/8AAi3/APjNH/CB3m4D/hOvFX/gRb//ABmuv2j1P500r8w60Acl/wAIHef9D14q/wDAi3/+M0DwHeHP/FdeKuv/AD8W/wD8Zrr9o9/zpFUc9etAHIP4EvFUEeOvFXUD/j4t/X/rjS/8IHef9D14q/8AAi3/APjNdZKo2Dr95f5in7R7/nQByH/CB3m4j/hOvFX/AIEW/wD8Zo/4QO8/6HrxV/4EW/8A8Zrrgo3HrQVHvQByI8B3hH/I9eKv/Ai3/wDjNB8B3gx/xXXirr/z8W//AMZrrlUbR1oZRx160Acj/wAIHef9D14q/wDAi3/+M0g8CXnmFf8AhOvFWAAf+Pi39/8Apj7V2G0e/wCdMCjz26/dH8zQByZ8B3gB/wCK68Vf+BFv/wDGaP8AhA7z/oevFX/gRb//ABmuuZRtPXpS7R7/AJ0Ach/wgd5uA/4TrxV/4EW//wAZo/4QO8/6HrxV/wCBFv8A/Ga60r8w607aPf8AOgDkB4DvDn/iuvFXX/n4t/8A4zSSeBLxY2YeOvFWQCf+Pi3/APjNdeqjnr1psyjyH6/dP8qAOT/4QO8/6HrxV/4EW/8A8Zrk/E/g66g8eeCoG8YeIpjcXl0qyyTQF4cWkrZTEQAJxg5B4J+tet7R7/nXFeLl/wCLkeAOv/H9ef8ApFLQBN/wgd5/0PXir/wIt/8A4zQPAd4R/wAj14q/8CLf/wCM11xUe9CqNo60AcifAd4Mf8V14q6/8/Fv/wDGaP8AhA7z/oevFX/gRb//ABmuuZRx160u0e/50AcePAl55hX/AITrxVgAH/j4t/f/AKY+1L/wgd5/0PXir/wIt/8A4zXWBR57dfuj+Zp20e9AHIjwHeED/iuvFX/gRb//ABmg+A7wY/4rrxV/4EW//wAZrrlUbR16UhXkdetAHJf8IHef9D14q/8AAi3/APjNA8B3hz/xXXirr/z8W/8A8Zrr9o9/zpFUc9etAHISeBLxY2YeOvFWQCf+Pi3/APjNL/wgd5/0PXir/wACLf8A+M11kyjyH6/dP8qftHv+dAHIf8IHebsf8J14q6f8/Fv/APGaP+EDvP8AoevFX/gRb/8Axmuu2jd36Uu0e/50AcgPAd4f+Z68Vf8AgRb/APxmg+A7wD/kevFX/gRb/wDxmutVeO/WlZRt70Acj/wgd5/0PXir/wACLf8A+M0g8CXnmFf+E68VYAB/4+Lf3/6Y+1dhtHv+dMCjz26/dH8zQByf/CB3n/Q9eKv/AAIt/wD4zQPAd4QP+K68Vf8AgRb/APxmuu2j3oVRtHXpQByJ8B3gx/xXXir/AMCLf/4zR/wgd5/0PXir/wACLf8A+M11pXkdetO2j3/OgDkB4DvMn/iuvFX/AIEW/wD8Zo/4QO8/6HrxV/4EW/8A8Zrrgo3HrS7R7/nQBx8fgS8aNWPjrxVkgH/j4t//AIzS/wDCB3m7H/CdeKun/Pxb/wDxmushUeQnX7o/lTto3d+lAHI/8IHef9D14q/8CLf/AOM0DwHeH/mevFX/AIEW/wD8Zrr9o9/zpqrx360AckfAd4B/yPXir/wIt/8A4zR/wgd5/wBD14q/8CLf/wCM11zKNvel2j3/ADoA48+BLzzAv/CdeKsEE/8AHxb+3/TH3pf+EDvP+h68Vf8AgRb/APxmusKjz16/dP8AMU/aPf8AOgDkB4DvCP8AkevFX/gRb/8Axmg+A7wY/wCK68Vf+BFv/wDGa65VGO9IV5HXrQByX/CB3n/Q9eKv/Ai3/wDjNA8B3mT/AMV14q/8CLf/AOM11+0e/wCdIFG49aAOR/4QO8/6HrxV/wCBFv8A/GaSPwJeNGrHx14qyQD/AMfFv/8AGa7DaPf86ZCo8hOv3R/KgDkz4DvMj/iuvFX/AIEW/wD8Zo/4QO8/6HrxV/4EW/8A8ZrrioyOtLtHv+dAHIDwHeEn/iuvFX/gRb//ABmg+A7wD/kevFX/AIEW/wD8ZrrQvJ60rKNvegDkf+EDvP8AoevFX/gRb/8AxmkPgS88wL/wnXirBBP/AB8W/t/0x967DaPf86YVHnr1+6f5igDk/wDhA7z/AKHrxV/4EW//AMZqn4C06TS/GXjG1l1G81FlntP9IvWVpGzADyVVR7dO1d3tHv8AnXIeGF/4uF406/6+0/8ASdaAK87D/hf1j/2LNz/6VQV2zMNprip/+S/WP/Ys3P8A6VQV2zfdNACBhigsNwpw6CkP3hQAbhTEYb5P97+gqSmJ9+T/AHv6CgBWYbTS7hQ33TS0ANLDcKXcKD98UtADVYbRTZWGwf7y/wAxT1+6KbL9wf7y/wAxQA7cKQMNxqtbapZ3f2z7PNv+wymG4+UjY4UMRyOeGB4z1p9jeQajZQXtnJ5lvcxLLE+0jcrDIODyOD3oC5OWFIrDaKcelIv3RQAhYZH1pdwoPUfWloAjRhvk/wB7+grJ8XeIovC/hHUdZlUOLSLcqnozEgKD7ZIrXT78n+9/QVheO/Dx8V+BtU0ZCFkuocRknHzAhgM9skY/GpnfldtzfDKDrwVT4bq/pfU+JfFHxE8R+K9XkvtR1Kc7mJSMNhYx6AdvoK9W+APxY1f/AISi38M67dvd2d18kDSnJifsB7E4GPfP18U1rw3qugapNYalZTRTQuUYFDXqn7Pfw+1PU/HNtrt3bSQafp7eZ5jqRuccqB75x+H4ZwappJw3/r+mepCWLlOUMRfkSd09lppbov7tvJI+utwpFYc/WnUi9/rXSeIMlYbB/vL/ADFP3Cmy/cH+8v8AMU+gBoYbjSlhQPvGlPSgBqsNooZhx9aVfuihu31oANwpgYec3+6P5mpKYP8AXt/uj+ZoAVmG0/Sl3Chvun6UtADSw3Cl3Cg/fFLQA1WHP1pszDyX/wB0/wAqevf602b/AFEn+6f5UAO3CuK8XMP+FkeAP+v68/8ASKWu2rivF3/JSfAH/X9ef+kUtAHaFhSKw2inHpSL90UAIzDj60u4UN2+tLQBGGHnN/uj+Zp5YU0f69v90fzNPPSgBqsNo+lBYZH1pV+6PpQ3UfWgA3CkVhz9adSL3+tADJmHkv8A7p/lT9wps3+ok/3T/Kn0AN3Dd+FLuFH8X4UtADVYY/GhmG2lXp+NDfdoANwpgYec3+6P5mpKYP8AXt/uj+ZoAcWFIrDaPpTj0pF+6PpQAhYZH1pdwobqPrS0ANDDcaXcKB940tAEcLDyU/3R/Knbhu/Ckh/1Ef8Auj+VO/i/CgA3CkVhj8adSL0/GgBGYbaXcKG+7S0ARlh5y/7p/mKfuFNP+vX/AHT/ADFPoAarDbQWGR9aVfu0N1H1oANwpAw3GnUg+8aADcKZCw8lP90fyqSmQ/6iP/dH8qAFLDcKXcKD94UtADQwyaGYbaUfeNDfdoANwphYecv+6f5ipKYf9ev+6f5igB24VyPhhh/wsLxp/wBd7T/0nWuvrkfDH/JQvGn/AF3tP/SdaAKc4k/4X7Y/Muf+EZuf4f8Ap6g967ZhJtPzp/3yf8a4yf8A5L9Y/wDYs3P/AKVQV2zH5TQA0CTH30/74P8AjSESbh86/wDfJ/xp4PFBPzCgBuJf76f98H/GmIJN8nzr97+6fQe9TZpiH55P97+goARhJtPzp/3yf8aXEv8AfT/vg/405j8ppc0ARkSbh86/98n/ABpcS/30/wC+D/jSk/OKdmgCNRJtHzr/AN8n/GmyiTYPnX7y/wAJ9R71Kp+UU2U/IP8AeX+YoA870/RdSv7/AMXz2vijUtNjGpyA29rBasjEQRc5kiduf96uU1rV3h8J6ZaWt9cwahB4cgmtozrMtgGJiJ3QRwhnuZBtGVYFQAuMZavcs0gPzGlry8q7L8E1+vyBfFf1/Fp/p8zza51TxFaQwLNDezWuoavYzQapBcRmFYZGhBjI8wSAE7xtVCpDZzycYlr4lLePNPubbVpEg/tOeG/F3rcjyRII5vlmswPJt03INh3ByFBIJLV7KTxSKflFXft/Wy/QlRstf631/E8t0MXY/sDWdP1LULq41SW+YLPqNxLBOoWVosRtIUC8IQVUcYxVnwbqMU+uaYmka/d6pcTWbvrkE9zJOLaYBcb0ZiLd95dfLXYMbhtO35fSSeR9aXNStP69QUdP68v8vxIUEm+T51+9/dPoPenMJNp+dP8Avk/40qH55P8Ae/oKcx+U0FGF4kXRoYba48QWVpdCW6htIjLaLKQ8sgjQc9BuYVrxQfZ0SK3WKKNBhUSPaqj2ANcx8Rv+QLpH/YwaX/6WRV1hPzilZXuW5zcVFvRCYl/vp/3wf8aRRJz869f7p/xqTNIp6/WmQRSiTYPnX7y/wn1HvT8S/wB9P++D/jRKfkH+8v8AMU/NAEYEm4/On/fJ/wAaUiT++n/fB/xpwPzGlJ4oAjUSbR86f98n/GhhJx869f7p/wAaep+UUMen1oAbiX++n/fB/wAaYBJ5zfOv3R/CfU+9TZpgP79v90fzNACMJNp+dOn9w/40uJf76f8AfB/xpzH5T9KXNAEZEm4fOv8A3yf8aXEv99P++D/jSk/OKdmgCNRJz869f7p/xpswk8l/nX7p/hPp9alU9frTZj+4k/3T/KgAxL/fT/vg/wCNcX4uEn/CyPAGWXP268x8v/TlL712+a4rxd/yUjwB/wBf15/6RS0AdkRJ/fT/AL4P+NIok2j50/75P+NSE8Uin5RQAxhJx869f7p/xpcS/wB9P++D/jTmPT60uaAIQJPOb51+6P4T6n3p5En99P8Avg/40A/v2/3R/M08mgCNRJtHzp0/uH/GhhJkfOvX+6f8aep+UfSkY8j60AJiX++n/fB/xpFEnPzr1/un/GpM0inr9aAIphJ5L/Ov3T/CfT60/Ev99P8Avg/41Q1bXdJ0mFxqep2loxU4WaZVJ47AnJqh/wAJ74Y7axCfcKx/pUOpCLs2jphhMRUjzQptryTN3Em776dP7p/xpcS/30/74P8AjWB/wnnhnd/yFoun9xv8KX/hPfDH/QXi/wC+G/wpe1p/zL7y/qOL/wCfUv8AwF/5G6okx99ev90/40MJNv31/wC+T/jWCvjzwyB/yFouv9xv8KG8eeGSv/IWi/74b/Cj2tP+ZfeH1HF/8+pf+Av/ACN/Ev8AfT/vg/40wCTzm+dfuj+E+p96xP8AhPfDH/QXi/74b/CmDx54Z85j/a0WNo/gb39qPa0/5l94fUcX/wA+pf8AgL/yOhIk/vp/3wf8aRRJtHzp0/uH/GsH/hPfDH/QXi/74b/CgePfDO0f8TaLp/cb/Cj2tP8AmX3h9Rxf/PqX/gL/AMjeYSZHzr1/un/GlxL/AH0/74P+NYB8eeGcj/ibRdf7jf4Uv/Ce+GP+gvF/3w3+FHtaf8y+8PqOL/59S/8AAX/kboEm4/Ov/fJ/xpcS/wB9P++D/jWAPHnhncf+JtF/3w3+FL/wnvhj/oLxf98N/hR7Wn/MvvD6ji/+fUv/AAF/5G3CJPJT51+6P4T6fWnYk3ffTp/dP+Nc/F488MiFAdWiBCjPyN/hTv8AhPPDO7/kLRdP7jf4Ue1p/wAy+8PqOL/59S/8Bf8Akb+Jf76f98H/ABpFEmPvr1/un/GsL/hPfDH/AEF4v++G/wAKRfHnhkD/AJC0XX+43+FHtaf8y+8PqOL/AOfUv/AX/kbzCTb99f8Avk/40uJf76f98H/GsBvHnhkr/wAhaL/vhv8ACl/4T3wx/wBBeL/vhv8ACj2tP+ZfeH1HF/8APqX/AIC/8jbIk85fnX7p/hPqPen4l/vp/wB8H/GuePjzwz5yn+1osbT/AAN7e1P/AOE98Mf9BeL/AL4b/Cj2tP8AmX3h9Rxf/PqX/gL/AMjdUSbfvp/3yf8AGhhJkfOvX+6f8awV8eeGcf8AIWi/74b/AAoPj3wxkf8AE3hAz1KsP6Ue1p/zL7w+o4v/AJ9S/wDAX/kb+Jf76f8AfB/xpAJNx+df++T/AI1T07xBo+r8aXqlpdt3WGdWYfUA5FXwfmNWmmro5p0505cs1Z+Y3Ev99P8Avg/40yESeSnzr90fwn0+tTZpkJ/cR/7o/lTIEIk3D50/75P+NLiX++n/AHwf8acT8wpc0ARgSZPzr/3yf8aGEm376/8AfJ/xpwPJpWPy0ANxL/fT/vg/40wiTzl+dfun+E+o96mzTCf36/7p/mKADEv99P8Avg/41yPhgSf8LB8Z4Zf9faZ+X/p3X3rsc1yHhj/koXjT/rvaf+k60AVpwP8Ahf1jwP8AkWbn/wBKoK7ZlG08D8q4mc/8X+seD/yLNz/6VQV2zE7TwaAFCjHQflSFRuHA/KgE46Ggk7hwaAF2j0H5UxFG+Tgfe9PYU/cfQ0xCd8nB+9/QUAOZRtPA/Kl2j0H5UjE7TwaXcfQ0AIVG4cD8qXaPQflTSfmHBp24+hoARVG0cD8qbKo2DgfeXt7inKTtHBpspOwcH7y/zFAD9o9B+VIFG48D8qXcfQ0gJ3Hg0AKVGOg/KkVRtHA/KgsfQ1BdX9rp1obi/uIraBfvSTOEUfiaNhxi5Oy3LBUZHA6+lG0eg/Kud/4T7w2cFNSEg/vRxSOp+hC4NH/Ce+Hf+f5v/AaX/wCJrL21L+Zfedf1DF/8+pf+Av8AyN9FG+Tgfe9PYU5lG08D8q5xPHnh0M+b5+WyP9Gl9B/s0rePfDpU/wCnN/4DS/8AxNHtqX8y+8PqOL/59S/8Bf8AkVfiMB/YukcD/kYNL/8ASyKusKjcOB+VedeN/Fmj6npWnR2NxJM8Os2FxIFt5PljjuY3dvu9lUn8K6P/AIT3w7uB+3N/4DS//E0e2pfzL7w+o4v/AJ9S/wDAX/kdHtHoPypFUc8Dr6Vz3/Ce+Hf+f5v/AAGl/wDiaQePfDoz/pzdf+faX/4mj21L+ZfeH1HF/wDPqX/gL/yOglUbBwPvL29xT9o9B+Vc3J488OlRi+f7wP8Ax7S+v+7Ui+PPDTOFfVYocnAadWiX82AFHtqf8y+8PqOL/wCfUv8AwF/5G+FG48D8qUqMdB+VRwzxzoJYGWSNwCrowII9iKeWPoa1ORpp2YKo2jgflQyjjgdfShSdo4NDE8cHrQIXaPQflTAo89uB90dvc0/cfQ0wE+e3B+6P5mgBzKNp4HT0pdo9B+VIxO08HpS7j6GgBCo3DgflS7R6D8qaT8w4NO3H0NACKo54HX0psyjyH4H3T29qcpPPB602YnyH4P3T/KgB+0eg/KuK8XAf8LI8AcD/AI/rz/0ilrtdx9DXFeLj/wAXI8Acf8v15/6RS0AdqVGOg/KkVRtHA/KgsfQ0KTtHBoAGUccDr6Uu0eg/KkYnjg9aXcfQ0AMCjz24H3R29zTyox0H5UwE+e3B+6P5mnbj6GgAVRtHA6elDKMjgdfShSdo4PSkJ5HB60AQ397aaZYy3l/KkFvCu53bt/ifbvXNrFrHicGS5kn0TS2JMdvCdt1Ovq7/APLMf7K/N6kdKWAf8JT4hkvZju0rS5jFaRfwz3C8PKfUKcqvuGPpXSV5OIxLk+WGx6emESSV6nX+75Lz7vpsrNXM3TvDukaTzp+nQQuTky7N0jH1LnLH8TWlVPVdVtNE0ubUNSkaO2hALskbSHkgDCqCxOSBgA1kp480AxXsk815aLY2/wBquPtum3NsUizjeBJGpYZB6ZriUW9jlqVJ1HzTbb8zoqKxtL8W6LrN5Ja2N1J5yReeFntpYPNizjzIzIqiRM4+ZMjkc8jMemeNNB1i+jtbC8kd5gxgke2ljiuQv3jFKyhJQOvyFuOenNPlkuhndG7RXOaX4+8P6xcWkVjcXeL0lbWWfTrmCKcgE4SSSNUY4UnAPODip7bxnoV3qo0+C8cytK0CStbyrBLKud0aTFfLdxg/KrE/K3HBw+WXYexuUVzieP8Aw1JfNapqDlkuTaSS/ZZvJimDbPLeXZsRi3ADMCcrjO4ZNQ8eaBplzdQ3U16fsb7LmaDTLmaGFsA4aVIygIDDPPGecUckm7WB6bnR0Vh6p4y0PRr5rS/u5FljRZZzFbSypbI2cPM6KViU4Jy5UYBPQGq974+0Kw1RdPuP7UNzJuMSQ6NdyiYLjcUZIiHAyOVJHIpKMnsgOkoqnfarZ6ZaRXN9KYYppooEJjYkvI4RFwBkZZgOemecVRufF+hWl7qdpPqCifSYEuL1FjdjCj52k4HJOM4GT045FCi3shG1RVG41nT7TVIdPublYrma3kuUVlIBjjKh2LYwMb16nv7GuSuPijpi+KdKsrZ5nsry2nlOdOufPlKeXsMKbd0iEM53KrAhSQcA01GUtl/Wv+TGd3RWHN4y0KHS7K/N40sV+SLWOC3klmmIBLBYUUyErg7htyuDnGKjl8c+HYNNs76TUP3N7K0FuqwSNI8qg7ovLC7xINpGwjdkYxnilyy7CudBRWAfG/h9dEfVpL5o7SO4FrL5lvKkkMpIAR4yodDyD8wHBB6HNXr7xBpmm6vp2mXt2sV7qjOtnDtYmUou5ugwMDucUcsuwGjRWBF420GbU4rFLqbfPMbeGdrOZbeWQZ+RJynls3ysMBjyCOoq1J4m0iLSLrU5LvFnZzvbzy+W/wAkiv5bDGMnDcZAx+FHK+wGrRWVd+JtIsbbVri7vVii0cA3zsjYhygcdvm+Vgflz1x14pg8V6IYbmU36JFa2UV/M8isqpBIGKOSR32Nx1GORyKOV2vYfkbFFZej+I9N1x5o7CSdZoApkgurWW2lVWztby5VVtpwcNjBIIzwah1nxdo2g3QtdQnna4MRnaG1tJrl44wcb3WJWKLnjc2AcH0NHLK9rAtdizqPh/SNW/5COnW875yJCgDqfUMOQfoazPs+seGSJLGSbWtMH+stJzuuYl9Y3P3/APdbn0Pat+2uYL20iurOaOe3mQSRSxMGV1IyGBHBBHepacZSpyvHRnTTxU1Hkl70ez1Xy7eqsM03ULPVtPivdPlWaCUZVgPzBHYg8EHpU8KjyE4H3R29q5e8z4Y19NUg+XTNRlWK/iA4ilb5UnHpk4VvqD2rqISfITg/dH8q9qhWVWN+pliKMYNTh8Mtv1T81+Ks+o4qNw4H5Uu0eg/KkJORwaXcfQ1ucogUZPA/KhlG3oPypAeTwaVidvQ0ALtHoPyphUeevA+6e3uKfuPoaYSfPXg/dP8AMUAP2j0H5VyPhgD/AIWF404H+vtP/Sda67cfQ1yHhg/8XC8acH/X2n/pOtAEE/8AyX6x/wCxZuf/AEqgrtm+6a4icH/hf1jz/wAyzc9v+nqCu2YHafm/SgBw6CkP3hSAHH3v0oIO4fN+lADqYn35P97+gp2D/e/SmIDvk5/i9PYUAPb7ppaawO0/N+lLg/3v0oAD98UtNIO4fN+lLg/3v0oAF+6KbL9wf7y/zFKoO0fN+lNlB2Dn+Je3uKAJKQfeNGD/AHv0pADuPzfpQBn69rCaJpbXJiaeZ2EVvAn3ppW4VR+PU9gCe1ZVh4ZR7hNR8RMmpamRkNIuYrf/AGYkPCgf3vvHuaXUh9r+IGlW8vMdnZz3ajHWQskan8FZ/wA63q8fF1HKfJ0R6XM8PRioaOSu31tdpL00u+99ditf6jY6TYveapeW9lax43z3MqxomTgZZiAOSBUEuv6PBoq6vPq1jHpjAMt69yghIJwCHJ28njrVbxNqOk6XZQ3Ws3FnZlZSLW8vod8NtMUYK7NwE7jJZc52g5YV5ha6gLLSdKmbUtLs1l1rUZo/Ed9EzWYdt+HhTzEUbw7hNzMAEfBbIJwhDmX9f1/WxxvS39f1/W3X1NvFPh9NGTV313TV0x22Lem8jELNkjAfO0nIIxntRp/inw/qxQaVrum3pkkMSfZryOTc4UsVG0nJ2gnHXAJryzwzcxXGo3hh1CfUUPjC3dbqeJI2nBtFxIAiqpVsEqwGGGDznJ39e0+5u7/xbd6YhfUdLubPULRQOXeOEEoPTeu5Po9U4RT18vlon+F/wFq3Zf1q1+h3l1rOl2IuTe6laW4tI1kuTNOqeSjEhWfJ+UEg4J64NLBrGmXVra3NtqNpNb3jbLaWOdWSdsE4Qg4Y4VuB6H0ry22nF7aaX44v90Wl6j4g+23DzHasNokMkNsz56KGEb5PQvnjrWz4kubPVrTw5P4Lns4xN4gYpdJbkwySeRPvcY2h8nPzgkZ55wRSdO2j/wCG2BWe3Zv7r/5fj9/Z3HiPRLSxmvbrWdPhtIJjBLcSXSLHHIDgozE4DA8YPNSLrmkvox1dNTs20wKXN6LhDDtBwTvztxnvmvMZ9ftksvDEUV3Z+GpLO3urOXUdYJn+wXKKiPDkukZmYbmDuCCqkhSGIrDs5ppdPa7tNSzp9j4wlnvL7VLIPGoMAMU8sUflDYXZHDDaBlXPQ1So3/rzS/4b+mJu39eTf6W/qx6/L4y8MQabBqE/iPSY7K5ZlguXvohHKV6hWLYJHfHSrOm6zo/iG1kk0fUrHVLdW8uRrWdJkBxnaSpIzg9K85Gbvwv8QtWj1az1WC70tlNxptkYLSWVIJAzIxmk8xtpRWYYA2AckHHo+hf8i7pv/XpF/wCgColFJP5fiVqrP1/C3+Zk3eizeH5H1TwpFs2/Nc6WhxFcr3KL0ST0I4PQ10mn39vqmmwX1k/mQXEYkjb2I/Q+1LWF4SBt5dc05DiKz1J/KXsqyIkuB/wKRq6sHUalydDrqSeIouU9ZRtr3W2veztby9FbpF+6KG7fWkUHaPm/ShgePm7+leqecOpg/wBe3+6P5mnYP979KYAfObn+Edvc0APb7p+lLTWB2n5u3pS4P979KAA/fFLTSDuHzfpS4P8Ae/SgAXv9abN/qJP90/ypVB5+bv6U2YHyX5/hPb2oAkrivF3/ACUnwB/1/Xn/AKRS12mD/e/SuK8XA/8ACyPAHP8Ay/Xnb/pyloA7Y9KRfuigg/3v0pFB2j5v0oAVu31paawPHzd/Slwf736UANH+vb/dH8zTz0qMA+c3P8I7e5p5B/vfpQAL90fSsrxTqMmk+F9QvoOZooG8oerkYX/x4iqWs+ONC8N67ZaTr98NOkvoy9rPcjbDKQcMu/oGGRw2PvDGab45IfwixVw6PdWnI6EG4j/oazqycacmuzOrBwjPE04y2cl+ZoaNpqaRotpp8XK28SoW/vEDk/UnJ/GrtFFfPkznKcnKW7Of8c20934PuobSGSeVpISI40LMcTITwPYE1yvxMhmit/E969s72y+Gim8qdjMJWJTPTOO3vXpVVNV0uz1vSbnTNTh8+zuozFNHuK7lPUZBBH4GrhLlkm+n+VidNn5fnc4bWbe68czwx6VY3mnfZNMvIZZr20eDZLNEI1iQsBvAOWLJlfkXBORTopZ9fj8LaZBo2o2FxpNzFPem5tXhjtRFGyFUkYbZdxO0eWzAqSScV6EAFUAdBwKrahf2+mWT3V45WJCo4UsWZiFVQBySSQAB1JFPmvol/Wv+f9dZSfLZ+f42T/I8c8K6bqD6N4UsjJ4jmvrC5V20/UNJe3tLQbXVnE3kx5KqxK5kfJI4Pa3oWgaimjaF4av7nxNPdadc2/n2jWcENlH5MgfzVufs3zr8oIAkLtkA4O4j0rS9ZvtQujFd+GtU0tAhbz7uS1ZCf7uIpnbP4Y461r1q6rTvbrf5/wBfPzG/ebf9f1+HlueQ2t1Jq3gjxJ4WstLvvt+oarfwQTraO0B33D5maYDYmznhmDfIMA5XNjW9B1nUtL8ZS6a2pabYNKVg06G3VjqMoUCWZhIjOFYgKBGUzsLc7s16Xpul2ekwSw6fD5Mcs8lw43FsySMWc8k9SScdPSrdT7Wzul/Wn+X9aWJLmb82/wBf6/4dnll9p2paV4i8Si4vPEkSatOs9pFpGnw3MVyDCkflu7wSeUwKEHeypggj+LG1baJc6b4k8DQJbXDQabpdzbzSM3miI+XCqh5AoBJ2nnAzg4FdzRU+0dv67NL8w63/AK1OS+Ja3p8Ixy6Xp9xqNzb6lZTrbW6bnkCXMbH6cDkngDk1x2oeEtSsV8Vxpb3N1dX2gRGa6hhZvtF000zSBODkjcMLzhdor16iiNRxVvO/3pL9Aeqt/W9zyrxV4M1291x7WLVNS1Y3fhzUbWO4vYoUjglcwhU3QxIBuwfvZ+7x0NLc+KIT8RfC11JoWrwpb6ZeRzq2my+ZAx8jKrGFLSAEAFowy/NkEgEj1Sqkul2c+rW2pyw7ry1jkihl3EbVcqWGM4Odi9R2qlV2TW1/xv8A5/1rcsv6+X+R5votjqHh/XrPxNqOkXgsbptR3Q29u889mLidJYy0Sbm+YIdwUEqWGQBnFWeWbSvE2la5e6XeeRqniK4uoLTyC08UX2Ep5nlAbgx8tn2Ab8NjG7ivXap3elWV/fWN3dQ+ZPp8rS2z7yPLZkZCcA4Pysw5z1ojVtv2t8r3/MUlzXb66/O1jz/UNKudck1DU1066Sz1PWNPEcMls8crxRFVeZ0IDIDyPmAO1ATximx6brl1rug32oafcGXTtR+xIzKTuiitp1M5x91ZHYc98L64r06svUNdj07UYbOTT9Sne42+VJbWjyxklsEM65EeOCS5UYPBOCAozaXKl/VkvyX4jta7fa35/wCf4HkyWmoS2/hoz2Xia51K11Kz+22Ys3tbHTUWQ7/KjREilUMeGHmEKN24AVd1vUfsXw/8T6TcadrAu31W6nXbo908ZjN0ZA4lEZTbs5zur2Corq1hvbOa1uk3wzxtHIuSNysMEZHPQ0e17L+tP8gaUtH5fhf/ADPLNS0e+8Sa34tX7Dcto7LHqMEhhO2/l+xosKICMsFYFjjoyx+4qnd+FtcvHa4tk1GJbPSNFleyWFVW+aCWSSSEl1zvUDhQy8sA3Br2CCCO2to4IF2xRIERc5wAMAc1JTjWcPh8vwB3k05drfl/l+JyGkzPrvxAfW7Wyvbawt9NNoZb20ktnmkaQPgJIFYhQv3sYy2ATg4ilvH8M+ONZvL7TdQubbVIYGtp7GzkufmjUq0TCMEoeQQWAU5PPBrtKKz5lt0/p/mK2rf9bWMDwNpd1o3grTrLUIvIuERneAOGEO5y3l5HB2htvHHHHFb9FFKTu7jWhU1XT4tW0i60+4H7u5iaJvbIxn6jrUXhK/l1Lwlp1zc8z+SI5j6yJ8j/APjymtCsTwQCNBnUHCrqN6FHoPtMldmCb9o15HVvhJX6SX4qV/vsvuOiP3hS00g7h836UuD/AHv0r1jgAfeNDfdpADk/N+lDA7fvfpQA6mH/AF6/7p/mKdg/3v0phB85ef4T29xQBJXI+GP+SheNP+u9p/6TrXW4P979K5HwwD/wsLxpz/y3tO3/AE7rQBXn/wCS/WP/AGLNz/6VQV2zfdNcNPFH/wAL9sRsXH/CM3PGP+nqCu2aGPaf3af98igCQdBSH7wpohjx/q0/75FIYY9w/dr/AN8igCSmJ9+T/e/oKPJj/wCeaf8AfIpiRR75P3a/e/uj0FAErfdNLUbQx7T+7T/vkUvkx/8APNP++RQA4/fFLUZhj3D92v8A3yKXyY/+eaf98igBy/dFNl+4P95f5ikWGPaP3a/98imyxR7B+7X7y/wj1FAE1IPvGm+TH/zzT/vkUghj3H92n/fIoA5+f/kpUP8A2CH/APRyVuVgeIAuk+JNI1kgJbHfYXLjgIJSpRj7b0Az/t1v14eJTVaVz0K+tOlJbWt803/w/wA0FFeWa5aPPo/jbWDqWrx3mn3jramHVrmKOILFEQBGsgTGWJ+7zmrq6fNrOu+MprrxBqtt/Z06CzS3vnjS0P2WNy+xSA4Lc7XDLwePmbMciUeZvpf8v8zkj70ml6fjY9Gqlq+nNqumyWa31zYiXh5LXZvK91y6sACOMgZ9CK4Pw7Jd/ECd5Nev9RsfI0uykS10+8ltNsk8W95GMZUsc8AMSo2njk1U8PzXfjDWNDj1zUdQZDos0rtY6hNaLcOlwIxMRC6g7l5x0+bim6dpcr/rRv8AT+tSVNOPMv6vZfqenWdnb6fYwWVlCsFtbxrFFEgwERRgAfQCpq8l23tv4I8QeKE13VZtS0zUb02kZvZGiVYp2CwNFna4YDGWBYBhgjC4j8aahq0tr4l1XShqztpYkMd+2qNY2lmYolbYkSO32h95OfMjCtkruwAKHC7u3/Wn+ZdrPlXe39f1+p69RXnkfiC40/x/c32pX0q6YNOtlmR5SIYWdJZPM2nhTmPbkddwz2rno7vxFPY38Z1W/W+m8RwNEhuWHkh7VZhBx/yzDEAr0POetHsnezfb8Wl+txRfNG6/rQ9korzi61ifxH460CTT9Ru4NLkjktpYbecoHkktWlO7H8SDy8ehY96ZoWt6nq+peH/Dc95OL/SJpzrMiuQZhbgJHuIPPmGWOTHcA0eye3X/AIf+vmLmW/8AV/60PSq4e00jXL/xZ4ml0rxNLpUIvYgYUsopQT9mi5y4JrtZZY4IXmmcJHGpZ3Y4CgDJJrG8HW5n0u61W4h2vq1092iuvzLGQFjzn/YRT+Na4RN1Trpq1CpJ+S+d0/yTKq+GvFu0f8V5cf8Agrtv/iaD4a8W8f8AFeXHX/oF23/xNdUsMe0fu0/75FDQx8fu16/3RXsnAct/wjXi3/ofbj/wV23/AMTTB4a8Wec3/FeXGdo5/su29/8AZrrfJj/55p/3yKYIo/Ob92v3R/CPU0AcufDXi3af+K9uOn/QLtv/AIml/wCEa8W/9D7cf+Cu2/8Aia6loY9p/dp0/uil8mP/AJ5p/wB8igDkz4a8W7h/xXlx/wCCu2/+Jp3/AAjXi3/ofbj/AMFdt/8AE11Jhj3D92v/AHyKXyY/+eaf98igDlF8NeLef+K8uOv/AEC7b/4mmy+GvFghfPjy4I2nj+y7b/4musWGPn92vX+6KbNFH5L/ALtfun+EelAHMf8ACNeLf+h9uP8AwV23/wATXJeJ9B8Sx+PvBUc3jKaaWW8uhDMdOgUwEWkpJAAw2QCOfXNer+TH/wA80/75FcX4uijHxI8AAIuDfXmeP+nKWgCz/wAI14t/6H24/wDBXbf/ABNC+GvFu0f8V5cf+Cu2/wDia6swx/8APNP++RSLDHtH7tP++RQByp8NeLeP+K8uOv8A0C7b/wCJpf8AhGvFv/Q+3H/grtv/AImupaGPj92vX+6KXyY/+eaf98igDkh4a8Wec3/FeXGdo5/su29/9mnf8I14t/6H24/8Fdt/8TXUCKPzm/dr90fwj1NPMMf/ADzT/vkUAfOnx30TxDqEGi+GotUu/FGrXMxuYrWLT4kMEYG0uWQZAJOOfl4JPQVZ8IfDXxt4K8HeZ4k8Rslkbq0xocZEyITcx8lzwhB7JwfXtXv6WturGQQRh2ADMEGSB0yfxNYHjuNE8ITyhFHkz28rEDoEnRj+gNZVv4UvRnZgP97pf4o/mjdooorwTEK8m8R6C+u/EzxMkXhzQdZdNItAsmsS7PsxY3GGT9y+c455X7o59PWayNT8I+G9bvPtWs+H9L1C42hPOu7KOV9o6DcwJxyeKqMrXGnY4DwzqWrza3YXegW9vqvmeFbBpJdVvWtXYeZN8x2Rygk8k849zWX4g1NPFQv9Vt2uLG1msdHnneOXa8EK30vmsHQ8BVDHeDjAznFep6n4T8Oa1NHLrGgaXqEkSCON7qyjlKIOigsDgcnir8OnWVu5eCzt4mMSwFkiUExrnanA+6MnA6DJrb20VLmtre/43F0a6NJfdb/I8w8ZadpegS39h4VtbewhufDWozahbWUSpG6hAIpXC8btxcBsZI3c8VZsrHRdGufBt/4UVRLfxu97PbEGS9thbMzSTHrIRJ5Z3Nkhmx/EQevuPBmjp4Z1bR9C0+x0ZNTtpIJHs7RIxlkKhiq43Yz61a0Tw1pWgRltP0+zgupI1W5uYLZI3uCB95yBknOTyT1qfaKzV/61/wA/66HRL1/T8dH/AFv5FaxfZrrwVr6QaPpzapqNv5M6ubjUr9ZFYyNNcAIuCGAKbXGcYYYAqzLPrf8Awr2SL+z7D+y/+Enb/Svt7+f/AMhU/wDLHydv3uP9Z059q9Sh8JeHLe4kuLfw/pcU0sqzSSpZRqzyK25XJAyWDcg9QeauHStONn9kNham283zvJ8ldnmb9+/bjG7f82eueetX7aNtutybO9/66/5/geU6/Pri+BvGUdvp2nvpp1O533L37rMv7xc4iEJU/wDfYz7VqSadoWs6l42uvFwhludLlAgluSA+n2wt0dJITnMeX8xt64JZep2jHob6ZYSWs9tJZWz29wxeaJolKSsTklhjBJPc1DfaBo+qXtveanpNjeXVqQbee4tkkeEg5BViCV5GeKyU1y28rX+7X8PxH9pvzv8AizyvR9Xu9K8Uw+JvEZ8uWLw/pceqOwIKiX7Rk49fNWIfia6b4Z2k9pqXir7arLd3F/Dc3CMxbZJJbROy59FLbR7AV2sum2M0s0k1lbySToiSu8SkyKpJUMccgEkgHpk1JFa28E000MEcctwwaZ0QBpCAFBY9yAAOewFXUqqbbStf/gCirK39ep5ZraPZ61f/AA/iDCHxFfx3dtgcLbSEveL+ccn089a1vD2naFdatquseIUtk1iz117aC5mfy5YFBC28KNkEKyMp2DhjIcg5NdQugSS+LhrmoXMc5toHgsYY4SnkI5UuWJY72JRQCAoAyMHOaty6DpE2sx6vNpVlJqcS7Y717dDMgwRgPjcBye/c0lUSS9P8v0X3tsctb/13v97f4I4i38H+GU+M1yE8O6Soj0eC5QCxjG2b7RJ+8Hy8PwPm68Cuf0jT9Gh+HtrrelKsniFNaMEV4hBuBIbwqYNx52bCcp025OO9ewC0theteC3iF00YiM+wbygJIXd1xkk49zWF4a8E6V4ehhlNpZ3OpxGXGo/ZFWba8jPt3ctgbsdaSqaK/T/MJ+9Jv+trf1/TOCvLTTrnwP4p8RX4Q+KbG+u0gvW5ubWVJWFtFGeWQFfKwgwG3ng7jnN8Sz3mp6X8RNFhk8oxyvf6m8ZwVjWwg2RjuN8in/gMbjvXsUugaPcaxFq8+k2MupQjbHevbIZkHPAcjcOp79zUraTpzLeK2n2pF/8A8fYMK/6T8u395x8/yjHOeOKaqpJq3T/L/Iq/vJ+d/wCv0PP7LT9E1bxFrU/jBbdhpVrZPZy3T+X9jg8oN5sb5BjJlD5dSD8gGeBVnxb4U8OXvxB8MS3eg6XcPe3Fx9peWzjc3G23JXeSPmxgYznpXZXnh/RtRuLW41DSLG6msyDbSz2yO0BBBGwkZXkDp6CrctrbzXEM80EUk1uSYZHQFoyRglT2yOOKUql3dGajpY8Q1XQ1is/GOp2vh7Q44tO1UyDVywW9tEiWJiIU8oDIUHaPNUZPbve1K1udWuvGWpX+naPJPYzssWp6hqclvdaXCsStE0SrbuYxyXBVgWYmvTZfB/hmfVf7Tn8O6TJqHmCX7W9jGZd46NvK5yMDnNWL3w9ouo6lBqOoaPYXd9bY8i6ntUeWLB3DaxGVweRjvVKolFJ9Fb8v8vLcq1ndd7/np+Pn6HM/EE3DfBDWjesslydHbzmClQz7PmOCAQM54IB9qzfDOlnQfiRbRNoekaAt9pUuy10WTfHcGOSMmSX91FhlDgLhW+8+SOAfQ7u0tr+zltb63iubeZSkkMyB0dT1BU8Ee1UtJ8NaFoLyvoWi6dprTACQ2dqkJcDpnaBnGTSVRK+nf8ULl91R/rp/kadFFFYlBWL4I/5Adz/2E73/ANKJK2qw/A8aSeGjOUUi4vbuVSR/C1xIR+ldeD/i/L/I6V/us/8AFH8pHRn7wpajMMe4fu0/75FL5Mf/ADzT/vkV7BwDh940N92mCGPJ/dr/AN8ihoY9v+rX/vkUASUw/wCvX/dP8xR5Mf8AzzT/AL5FMMUfnL+7X7p/hHqKAJq5Hwx/yULxp/13tP8A0nWur8mP/nmn/fIrkfDEUZ+IPjPKLxPaY4/6d1oAgnz/AML+sen/ACLNz/6VQV2zbtp6VxU//JfrH/sWbn/0qgrtm+6aAAbsdvzpDu3Dp+dOHQUh+8KAD5vb86Ym7fJ0+9/QVJTE+/J/vf0FACtu2np+dL83t+dDfdNLQA07tw6Uvze350H74paAGru2jp+dNl3bB0+8v8xT1+6KbL9wf7y/zFADvm9vzpBu3Hp+dOpB940AQXtnDqFjNaXsKTW8yFJI35DA9q5qH+2/DKCCW2n1vTF4hngINzCvZXU48zH95Tn1B611p6Ui/dFYVaEKq1OmjiHTi4Nc0X0f5rs/6dzhpdU8JTWOo2d3bX8cepyGS8hksbpWdioU5+XjhQOCOlc9FZeFbrxLr2pa0buaPUriN40hhvoxJEsKIY50VVWRdyt8rblwx9SK9aPUfWlrnWEcdp/1p/ka+1wv/PuX/gS/+QPPtVufBOtXaXN4moJcJEYDLaw3tszx5z5bmILvT/ZbIGTxyatW+teELS+gu7WGeCW2tfscPlafcqscOQdgQJtAyo7cYrtE+/J/vf0FOb7ppfU3/N/X3h7TCP8A5dy/8CX/AMgeS+H7HwpYS3N1q32qe5l1Oe+CxQXvkPumZ42eLaEd1BX5mUkFRg/KK0NStvh9q895JqFtqEi3xLXVusV8kE7bQu9oVAQvgD5iu4FQc5ANel0h++Kf1SX8/wDX3j9thb35Jf8AgS/+QPP5bnwPPbywT2tzLFNHBFIslldMGWA5iByvY9+p75qY6p4Oa8kujHdmaS7S9Zvsd1zMqCNWxtxwoAx09s13dIvf60vqbvfn/r7/ACJVTCJWVOX/AIEv/kDg7bUfBdibY2sFzEbW5muodtjdALLLu8xvuc53tweBnjGBVDw5qNja6/rGv3FlPLq+rGJGt9OsbiRUjiXao8x4k3E5JJIHYc7cn0mX7g/3l/mKfT+pv+YftcL/AM+5f+BL/wCROTbTdV8UyKNbt/7N0hWDGwLhprruBKVyFX/YBOe57V1QBVcKFAAwAO1KPvGlPSuqlRjSVomNavKrZWslslt/w/m9fkkNXdtHSht3HTr60q/dFDdvrWpzh83t+dMG7z26fdH8zUlMH+vb/dH8zQArbtp6dPWl+b2/Ohvun6UtADTu3DpS/N7fnQfviloAau7np19abNu8h+n3T/Knr3+tNm/1En+6f5UAO+b2/OuK8XZ/4WR4A6f8f15/6RS121cV4u/5KT4A/wCv68/9IpaAO0O7Hb86Rd20dKcelIv3RQAjbuOnX1pfm9vzobt9aWgCMbvPbp90fzNPO72/Omj/AF7f7o/maeelADV3bR06etVNX09NW0i60+fHl3ULwsfQMCM/rVxfuj6UN1H1pNJqzKjJwkpR3Rg+F9Qk1Dw/Abv5b22zbXa/3Zk+VvzxkexFa9c9rME/h/V5PEFhA01nOoXU7eIZb5eFnUdyo4Yd1A7ity1u4L60iurOZJ4JVDJIhyGHqDXg1Kbpy5Wd+Ign++p/DL8H1Xy6d1qS0UUVmcgUUUUAFeX/ABD1jW9W8IeOI9NWzi0zS7WS0mjuIXM1y5hDuySBwqBRIuAUbcVIyucj1CvOvH/hDU/+EX8WyeHb1hFq9q81zp6WZmmmmEQT90wb5d4RAwKtnB27Sc1pStza/wBO6/S41uvUtnxPrmgMttrMOn3Zn0qW+s/IJtkiMOzdFLJI7AjEinzMKOG+UcVT0X4g3d34hOmnUNM1qGSxnuI7zTrCeCFJItuUEjO6Tj5+qMNpXBHPFy4+H91rlq7eIdaM8w082Vk0NoIvs6sysXdWZhI5MaA/dUhSAoyas/8ACG6zeeJbbWda8QwTyW9ncWYt7XTzDFslC/MA0rsGyoyckEAABeSbm4697P8AW36diKdrK/l+n/B/qxzWm+IY4fGXhZtO09TPrUStqcrTzNDbPNA84SCNnKIzGIs2BnBXOS2atnxf4s/sGXXhc6MLOPWjp4szp0vmGMXn2fPm+fjdj5vuYz2rU034dHS9H8PW0GqiS70a4a6kupbbP2qQwPCMqGG0AMuBk8IBnvViPwIw8FDQpdSDTNqI1CW5W3wrP9q+0MqpuO0E/KMsSOvNXKVK+nf8L/5f1cmKlZc3z/H/AIBg6t8Ultb7WZbfWvDlrDo87wf2XfThbu9aP/WbWMiiPJyqgo+Sueh47DxH4gbS/At7r9kIyYbT7TGJwduMZG7BHb3qjN4R1KG41CHRddGnaZqczT3MItS08bv/AKxoJhIvlluvKvhiSOwGv4g0Ua54ZvNIE5gF1AYRKV8wr74JGfzrG8bL5f8ABLl8Tt5/8A51/iNY3nimHT/Dl9peswDS7q9nFpdxuyyRmPYu8PtQNvblvTORg1kad8TZxrdvFdX+maxZTQTvLJpVnMsds8cXm7BcF3inO3IO3aQcHA5A6fxJ4Lh8S6iJ7q8khhOl3WmvHGnzETmPLhs8EeX0wc59uc+TwNq2p6rpN34g8QW91FpqSxfZLTTjbxTxyRGNtwMrkNyCCCAACNvOar3OXTez+/X/AIH9XDr/AF2X/BL+hXPi3UdPW8vZNIhjvrMT26pby77ORsFUcF8TDB5IMRyvTn5ecbxX4wtdJ8V389zotyPD80kCQRabLEblhDHIp3G4baMyYxg9OvPHVeHdC1jRhDbXuupe6faQfZ7W3SyETlRgK0rlm3sFAGVCA5JIPGMLxZ4YurLwF45/s95r261ky3UUMEJ3oxhjjCKASWP7vOQB16cVScOdrp0+9fpf/hxRTaSe+n5f5lm58Ua14au1bxWtjPZ3FlPdRtYROjW7wp5jRNudvMymcOAnKcr8wwkPiTxDpp0e+8SLpv2DV5Vh8i0hkWWxd1LRhnZyJRxtJCJyc4xVuLwhcahMJfFeox6qkVpLaW8cdr5G1JQFkaT523yFQBuGwDLYUZ4bY+DtQEmmw63ri6jp+ktus4VtPJkchSiGd95EhVWP3VQE8kdqhuPl/V/+B/V7paxX9dFb8b3/ACOZ034tR3n9nai2seHZrXUrqOBNGgnH2+3SRwiOx8wh2GQWQRrgE/MdvzdBoPi6/wDEGsTafafZA9lqF3FeusbOIoopdkaHDjbK4O4E5GFY7elTaZ4Q1LTI7PTItfK6DYSq9vaw2xjuNinKQvOJMNGOBgICwADMfm3Fp4I+w6lbajaah5d5DqF1cNJ5GRLBcSF3gI3euwhuxQHGCQabp308/wBLfrf9S38L7/8AD3/T+rnWUUUVgAUUUUAFFFRXNzDZ2slxdSpDDEpZ5HbCqB3JoGk27Iz/ABJqb6VoM81uN93JiG1jHV5nO1B+ZB+gNXdC08aT4fsLCPBW3t0j3f3iAMn8TzWNpME/iPWItdvYmi0+2B/sy3kXDSEjBnYHpkcKOwJPeumh/wBRH/uj+Vepg6TinN9ToxNqVNUFvvL16L5fm2ugp3bh0/Ol+b2/Og/eFLXecA0bsnpQ27b2/OlH3jQ33aAD5vb86Yd3nr0+6f5ipKYf9ev+6f5igB3ze351yPhjP/CwvGnT/X2n/pOtdfXI+GP+SheNP+u9p/6TrQBWlikb46WlwI28pNBmt2bcv3mmicHGc4wpH19ua7VlG09a4aZIv+GgLJti5/4Ru4fO3+L7RAufrjjPpxXcsw2mqly6WIipK/M/+GAKMd6Co3DrQGGKCw3CpLF2j3/OmIo3ydfvf0FP3CmIw3yf739BQA5lG09aXaPf86RmG00u4UANK/MOtO2j3/OkLDcKXcKAEVRtHWmyqNg6/eX+YpysNopsrDYP95f5igB+0e/50gUbj1pdwpAw3GgAKj3oVRtHWlLCkVhtFAAVGR160u0e/wCdIWGR9aXcKAGIo3ydfvf0FOZRtPWmow3yf739BTmYbTQAu0e/500r8w607cKQsNwoAXaPf86RVHPXrS7hSKw5+tADZVGwdfvL/MU/aPf86ZKw2D/eX+Yp+4UAIFG49aCo96Aw3GlLCgBFUbR1oZRx160Kw2ihmHH1oAXaPf8AOmBR57dfuj+Zp+4UwMPOb/dH8zQA5lG09elLtHv+dIzDafpS7hQA0r8w607aPf8AOkLDcKXcKAEVRz1602ZR5D9fun+VOVhz9abMw8l/90/yoAftHv8AnXFeLY3b4ieCJEjZkt7y5eQ7lHDW0kYxk9iw/Dpmu13CuH8YRxN8S/ALMiljfXWSV5OLOYj8iciqjyp+8RNSa91nblR70Ko2jrSlhSKw2ipLBlHHXrS7R7/nSMw4+tLuFADAo89uv3R/M07aPemhh5zf7o/maeWFACKo2jr0pCvI69aVWG0fSgsMj60ALtHv+dc3P4YnsbmS88LXa2EkjlpbOVS1tMxPJ2jlGPqv4g10m4UisOfrWdSnGorSRtRrzot8r33W6fqjmf8AhIdSsRt1rw5fRkDmWxxdRn3G3Dj8Vpf+Ez0sfeg1RT3B0q5yP/HK6OZh5L/7p/lT9wrjeBj0kdHt8PLWVO3pK35qX5nM/wDCaaV/zy1P/wAFVz/8bo/4TTSv+eWp/wDgquf/AI3XS7hu/Cl3Cl9RX8we1wv/AD7l/wCBL/5E5n/hNNK/55an/wCCq5/+N0f8JppX/PLU/wDwVXP/AMbrpVYY/GhmG2j6iv5g9rhf+fcv/Al/8ic1/wAJppX/ADy1P/wVXP8A8bo/4TTSc48rU/8AwVXP/wAbrptwpgYec3+6P5mj6iv5g9rhf+fcv/Al/wDInOf8JppX/PLU/wDwVXP/AMbo/wCE00r/AJ5an/4Krn/43XTFhSKw2j6UfUV/MHtcL/z7l/4Ev/kTmv8AhNNK/wCeWp/+Cq5/+N0f8JppX/PLU/8AwVXP/wAbrpSwyPrXL/Em9uLHwDe3Fjcy206y2wWWFyjAG4jBwRzyCR9DR9RX8we1wv8Az7l/4Ev/AJEf/wAJppX/ADy1P/wVXP8A8bo/4TTSv+eWp/8Agquf/jddKGG40u4UfUV/MHtcL/z7l/4Ev/kTmR400kjIi1P/AMFVz/8AG6P+E00r/nlqf/gquf8A43XRwsPJT/dH8qduG78KPqK/mD2uF/59y/8AAl/8ic1/wmmlf88tT/8ABVc//G6P+E00r/nlqf8A4Krn/wCN1024UisMfjR9RX8we1wv/PuX/gS/+ROa/wCE00r/AJ5an/4Krn/43R/wmmlf88tT/wDBVc//ABuulZhtpdwo+or+YPa4X/n3L/wJf/InM/8ACaaTnHlan/4Krn/43R/wmmlf88tT/wDBVc//ABuujLDzl/3T/MU/cKPqK/mD2uF/59y/8CX/AMicz/wmmlf88tT/APBVc/8Axuj/AITTS+0OqMewGlXPP/jldKrDbQWGR9aPqK/mD2uF/wCfcv8AwJf/ACJzX/CQ6jefLo/hzUJGP/LS+AtYx9d3z/kppYPDNzqVyl14ru0vTEweKxgUrbRMOhIPMhHq3HoBXS7hSBhuNbU8JTg7vUHi3FWoxUfPd/e9vlYXaPf86ZCo8hOv3R/Kn7hTIWHkp/uj+VdZwjioyOtLtHv+dIWG4Uu4UANC8nrSso296AwyaGYbaAF2j3/OmFR569fun+Yp+4UwsPOX/dP8xQA/aPf865Dwwv8AxcLxp1/19p/6TrXX7hXI+GGH/CwvGn/Xe0/9J1oArz/8l+sf+xZuf/SqCu2b7prhpzJ/wv2x+Vc/8Izc/wAX/T1B7V2zGTafkT/vo/4UASDoKQ/eFNBkx9xP++j/AIUhMm4fIv8A30f8KAJKYn35P97+gozL/cT/AL7P+FMQyb5PkX7394+g9qAJW+6aWo2Mm0/In/fR/wAKXMv9xP8Avs/4UAOP3xS1GTJuHyL/AN9H/ClzL/cT/vs/4UAOX7opsv3B/vL/ADFIpk2j5F/76P8AhTZTJsHyL95f4j6j2oAmpB9403Mv9xP++z/hSAybj8if99H/AAoAkPSkX7oppMn9xP8Avo/4UimTaPkT/vo/4UAPPUfWlqMmTI+ROv8AeP8AhS5l/uJ/32f8KABPvyf739BTm+6aiQyb5PkX7394+g9qcxk2n5E/76P+FAElIfvim5l/uJ/32f8ACkJk3D5F/wC+j/hQBJSL3+tNzL/cT/vs/wCFIpk5+Rev94/4UALL9wf7y/zFPqGUybB8i/eX+I+o9qfmX+4n/fZ/woAcPvGlPSowZNx+RP8Avo/4UpMn9xP++j/hQA5fuihu31pimTaPkT/vo/4UMZOPkXr/AHj/AIUASUwf69v90fzNGZf7if8AfZ/wpgMnnN8i/dH8R9T7UASt90/SlqNjJtPyJ0/vH/ClzL/cT/vs/wCFADj98UtRkybh8i/99H/ClzL/AHE/77P+FADl7/Wmzf6iT/dP8qRTJz8i9f7x/wAKbMZPJf5F+6f4j6fSgCauK8Xf8lJ8Af8AX9ef+kUtdlmX+4n/AH2f8K4vxcZP+FkeAMquft15j5v+nKX2oA7c9KRfuimkyf3E/wC+j/hSKZNo+RP++j/hQA9u31pajYycfIvX+8f8KXMv9xP++z/hQAD/AF7f7o/maeelQgyec3yL90fxH1PtTyZP7if99H/CgBy/dH0pajUybR8idP7x/wAKkGcc8H2oAKzdM8RaJrU88Ojaxp+oS25/fR2l0krRckfMFJxyD19K0j0NfOWharL4N+CFx4h0I22n6lP4ia3ub77PGXeH7QQVZmU5ABPXp2xU397lf9apfqEtI839bN/ofRpGRg8iivDT8UfEeqeNvETadci20CPw5eX2kDyY2MrQsUFxkgkgur4GcFQpxUei/F/X9XTwDZNYa3ZT393FHqOo3mmxx21+pQ7hE/I5PI2heBVLW3nb8W1+gT9yLk+l/wAEn+p7bfalY6XCk2p3lvZxySLEj3EqxhnbooJIyT2HerNfNXjDWvGfi/wVD4lbVLAaXceJIoLLSZbQqbby5SiOZAQzEsPmUg8cjHSuo1H4i+LvAreKtI1u9tdf1GzS1m068NqLdF+0OI9rovG1TyOSTzz6TF3Xrt9ydvXUcvdbv03+9o9toryW31zxp4L8Y6boHivxDb+I01yxuZYLhLGO2ezmhj3kYXh0I7kZzjp0PNaX4y+Itl4D8N+PdW8TWd9p91dxW93pI0+NDJG8rJv80YPmdDgBQMDOcHNpXa+X4tr80S3ZXfm/uVz3+jHOe9eG6b8WNd0zUPHUfiC4W5jtWuW0IeUikmKYxeV8oG47ni65PNNg8e+K/wDhVujjUfE0Nj4hvdTurSW4TTPtdzL5LsNkFvGmxmJCrltoAPXJFTfRPuk/v0/DqU1Ztdm192p7pRXz7ovxR8YXXhLS3vL+Rb1fGMWkXE09hHBNNbsMlZIsFY35wdvIx1zknp/FXjfxDpviL4hWtlqHlw6PocV3Yr5MZ8mVgSWyVy30bI9qcvdV/wCvh5vyYWf9evL+Z63UVzawXlu0F3BHPCxBMcqBlODkcH0IB/CvE9O+KfiLXPGvg220qdJNFnQW1/cBIyL+7+zea6qcfKEJUErt+Ykdq5Kx+LXiqa+0v7Z49MOsXOsJbXnhg6CifZozOVZfPZOcLj/a565Gadtbedv6/r1Jv7vN8/z/AMvvPp6iuQ+Jvim/8J+EBc6NHC+o3l1DY2rXB/dxySttDt7Dk1yS3Xj/AErxZF4J1LxnBeXWs2L3VlrSaVEkllJEwLoYQdjqVyATzk+1Snd2X9aX/Ib03/rW35nrgGBgcCivBdA8YeOtN8E+J/GOteKl1iHRJ7mxj019KijWWVGVElLx4YDLZK+nfvXU22lfFW18P380/i+y1NrnTDNbSLYRwzWl0BuVEXYUkRuVJbB6EAdxtJX8r/fqvwGld287fdoz1GivJdL8eax4+vvDOn+FtWXTZLjRpdQ1adbZJvKkx5SJhhjiXcccEhPSs3w1qnj6LxV4q/trxydRsPCTBp7YaNBGb9TCZMZX5o+nbdTl7rd+l/wdn+Ilqlbd/qro9soryrwT/wALM1/T9N8SXPinTZdP1m2eWTTzp4T+zw6kxtE4BMjKcZVzgjIyTg1m+Dbj4hX3xK8QaRqnj77VZ+G5LczJ/Y1un21ZIy+3K8x4xjIJp2s2n03/AK/r8w6XWp7PjnPeivljSPir8RpbGw1e717Vvsr38cU0tz4cgTTQhmCHddqQQMdcKDnjPevQLj4g+IrLRda8MvqayeLo9ej0vT7loIyWhnIeOYoFC8R7+2Pl5os/6+S/VA9G0+n/AAf8j2eivnnxB8UPH03jDWIvCsOs3Nvod19iS1s/Dy3kF48f3zPMGDRljnhBwuO9bPiK/wDiIfiL4b0vTvG0ml23iiOe4jtpNFgZtOEcYfyzuG5zzjJKkUo+9a3X/K/5f8HoEvdbT6f1/X4Hren+I9E1a+ns9K1jT726ts+fBbXSSPFg4O5VJI54571pV5L4P0uDR/2hNftoI4Ff+wrZ53gt1hE0pf55Cq8Asck/WvWqFrFP1/BtfoSndtdv8k/1CmQ/6iP/AHR/KnMWH3QD9TiooTJ5KfIv3R/EfT6UFEp+8KWoyZNw+RP++j/hS5l/uJ/32f8ACgBw+8aG+7TAZMn5F/76P+FDGTb9xf8Avo/4UASUw/69f90/zFGZf7if99n/AAphMnnL8i/dP8R9R7UATVyPhj/koXjT/rvaf+k611eZf7if99n/AArkfDBk/wCFg+M8Kv8Ar7TPzf8ATuvtQBDP/wAl+sf+xZuf/SqCu2b7priJ1H/C/rH/ALFm57/9PUFdsyjaf8aAHDoKQ/eFAUY/+vSFRuH+NADqYn35P97+gp20f5NMRRvk/wB719hQA9vumlprKNp/xpdo/wAmgAP3xS00qNw/xpdo/wAmgAX7opsv3B/vL/MUqqNo/wAabKo2D/eXv7igCSkH3jRtH+TSBRuP+NADj0pF+6KCox/9ekVRtH+NACnqPrS00qMj6+tLtH+TQA1Pvyf739BTm+6aYijfJ/vevsKcyjaf8aAHUh++KNo/yaQqNw/xoAdSL3+tG0f5NIqjn6+tACS/cH+8v8xT6jlUbB/vL39xT9o/yaAAfeNKelNCjcf8aUqMf/XoAF+6KG7fWkVRtH+NDKOPr60AOpg/17f7o/madtH+TTAo89v90d/c0APb7p+lLTWUbT9PWl2j/JoAD98UtNKjcP8AGl2j/JoAF7/Wmzf6iT/dP8qVVHP19abMo8h/909/agCSuK8Xf8lJ8Af9f15/6RS12m0f5NcV4uUf8LI8Af8AX9ed/wDpyloA7Y9KRfuigqMf/XpFUbR/jQArdvrS01lHH19aXaP8mgBo/wBe3+6P5mnnpUYUee3+6O/uaeVH+TQAL90fSlpqqNo+nrQQMjr19aAHHpXi3hL4b6prfgbUvBXj3RLnS9NXUGvYL22v4Xa53Ss23aA2wAY68nPavaNo9/zpFUc9evrS5Ve7/rVP80O+lv6/rU5O9+Guh3mpNdq1zbA6G+hLBAyrHHbN/dBUncOgOce1OX4d6Sml+F7AXF75XhiZJrM703SFFKjzPl5GD2211Ew/cv1+6e/tT9o9/wA6q7vf+t7/AJsT1Vn/AFpb8keL/ED4HWt7atJ4aj1G6+16xDdzaW1/stbdSf30kaEqAxHXknnC46V2OnfCPw1Z6VrVjfm/1oa2y/bLjVLozTMq42IJBggLjI7+5wK7baN3fp60u0e/51KSUeXp/wAN/kO7vc4TRPhVpnht7m/j1HWNc1P7G9raz6xe+e1vGR9yPgBQeP8AEAnPNfDr4K29h4e8PT+KpNVS805jcPoz6gJLJLgOxWXyxkbsEH5Wx7dc+vqBjv19aGUbe/51V3e/9df8/vJsrW/r+tDh7j4ReG7u8srm5a8lkstYl1iIs6cyyMGZD8vMeVU468daj1D4PaHf6fZwR6lrNhcWN7c3lvf2N2IriNp2LSKGC42kn0zgdeue92j3/OmAfvm6/dHf3NJaf16f5Iq+t/66/wCbPO7j4H+HJdFm0y31LWrOGTVBqyyQXamWKcJtysjIze+SSc85rNi+B4t/Ed7K3iXWtQ03V9LlsdSfUb/zbliSvllT5e0hQG+9nGRgda9ZKj3/ADpFUbR16etK39fK35Bf+vnf8zj7X4YaHp9l4bttPlvLVPDZkazaN0y7uhVnkypDE5LcYGe2OKgtvhLoFt4dh0lbjUJCmqJqs17JKjXF1Or7gZH24YduAOPfJrtyBkdevrXJ/FBmi+Hd88TsjCa2wysQf+PiOn1b76/19wulv66/5v7zZ8S+G9L8XeH7nRtdt/tFlcAblDFSCDkMCOQQQD/9asTwl8NtL8J6pLqg1HVta1OSEW63usXf2iWKLOfLQ4AVc89K64KNx6/nS7R7/nQtNUD1Vmczpfw+0TTPDmraG6zXthq9zNc3Ud04OTL95QVC4Hp3HrWNovwzs/BLz61pU+seJtVtLJoNOt9X1EMIlx/qomKgRhsAZIOAO3Oe8hH7lOv3R39qdtG7v09aNtvT9A9fU87+EPga68LW+uatq+nQ6ZqOu373LWMUolFpFklIt44ONzHjjkV0+leDtN0nWtf1OJp5pNfkR7uKcq0Y2pswoABwR1yTW9tHv+dIoGO/X1odn91vl/SDz87/ADOC0L4OeH9A1611GC+1m6gsJHk0/TLy+MtpYs3eJMZBGSBknrnk810GleDtP0jxPr+u201y11rxiNykjKUTy0KrsAUEcHnJNbrKNvf86XaPf86Olg8zyu2/Z+0CC0isJPEnim50mOYSnSptRX7LIQ+/DRhAME88YPvnmpNK8Garq/xyn8aa9oMGkW+m2rWdltulna9bcwWc7fufuzjB5GR1xXppH75ev3T39xT9o9/zpptP+uun5A9b+f8Aw5wPiD4OeH/EPiC61Oe+1izj1Bo21Gwsr0xW1+U6eamMnI4OCPUYPNb+oeDNN1DxXoWvyPPFc6Ek0drDEyiIrImwhhtzwBxgj8a3lUbe/wCdBAyOvX1oT5dv66A9dzzjwnpXiab4zeIPEmu6B/ZNjPYpZ2zfbYp/O2ScNhTlcjnBHHTNek0m0e/50gUbj1/OktIpdv8AO/6itq33/wArfoOpkP8AqI/90fyp20e/50yFR5Cf7o7+1Ax5+8KWmlRuH+NLtH+TQAD7xob7tIFGT/jQyjb/APXoAdTD/r1/3T/MU7aP8mmFR56/7p7+4oAkrkfDH/JQvGn/AF3tP/Sda63aP8muR8MKP+FheNP+u9p3/wCndaAK05/4v9Y8H/kWbn/0qgrtmJ2ng1xU/wDyX6x/7Fm5/wDSqCu2b7poAQE46Ggk7hwacOgpD94UAG4+hpiE75OD97+gqSmJ9+T/AHv6CgBWJ2ng0u4+hob7ppaAGE/MODTtx9DQfviloAapO0cGmyk7BwfvL/MU9fuimy/cH+8v8xQA7cfQ0gJ3Hg06kH3jQAhY+hoUnaODTj0pF+6KAELHI4PWl3H0NB6j60tAEaE75OD97+gpzE7TwaRPvyf739BTm+6aADcfQ00n5hwafSH74oANx9DSKTzwetOpF7/WgBkpOwcH7y/zFP3H0NNl+4P95f5in0ANBO48GgsfQ0o+8aU9KAGqTtHBoYnjg9aVfuihu31oANx9DTAT57cH7o/makpg/wBe3+6P5mgBWJ2ng9KXcfQ0N90/SloAYT8w4NO3H0NB++KWgBqk88HrTZifIfg/dP8AKnr3+tNm/wBRJ/un+VADtx9DXFeLj/xcjwBx/wAv15/6RS121cV4u/5KT4A/6/rz/wBIpaAOzLH0NCk7RwacelIv3RQAjE8cHrS7j6Ghu31paAIwT57cH7o/maduPoaQf69v90fzNPPSgBqk7RwelITyOD1py/dH0obqPrQAbj6GkUnng9adSL3+tADJifIfg/dP8qfuPoabN/qJP90/yp9ADcnd0PSl3H0NH8X4UtADFPHQ9aVidvQ0q9Pxob7tABuPoaYCfPbg/dH8zUlMH+vb/dH8zQAu4+hoUnaOD0px6Ui/dH0oAaTyOD1rkfimf+Lc3/B/11r/AOlMddg3UfWvnX44+LvFPgfWrnS52XUvDmubLm1E4+e2kjkV3jVxzjcAcHOA4AxigD6JBO48Gl3H0NecfBvW/E/jHQ7nxX4qlWKO/k2afYwJsjhiUkF/UlmyMsTwvHBr0igCOEnyE4P3R/KnZO7oelJD/qI/90fyp38X4UAG4+hpqnjoetPpF6fjQAjE7ehpdx9DQ33aWgCMk+evB+6f5in7j6Gmn/Xr/un+Yp9ADVJx0NITyOD1py/dobqPrQAbj6GkBO48GnUg+8aADcfQ0yEnyE4P3R/KpKZD/qI/90fyoAUk5HBpdx9DQfvCloAYDyeDSsTt6GlH3jQ33aADcfQ0wk+evB+6f5ipKYf9ev8Aun+YoAduPoa5Dwwf+LheNOD/AK+0/wDSda7CuR8Mf8lC8af9d7T/ANJ1oAqzg/8AC/rHn/mWbnt/09QV2zA7T836VxU//JfrH/sWbn/0qgrtm+6aAEAOPvfpQQdw+b9KcOgpD94UAGD/AHv0piA75Of4vT2FSUxPvyf739BQArA7T836UuD/AHv0ob7ppaAGkHcPm/Slwf736UH74paAGqDtHzfpTZQdg5/iXt7inr90U2X7g/3l/mKAHYP979KQA7j836U6kH3jQAEH+9+lIoO0fN+lOPSkX7ooAQg5Hzd/Slwf736UHqPrS0ARoDvk5/i9PYU5gdp+b9KRPvyf739BTm+6aADB/vfpSEHcPm/SnUh++KADB/vfpSKDz83f0p1Ivf60AMlB2Dn+Je3uKfg/3v0psv3B/vL/ADFPoAaAdx+b9KUg/wB79KB940p6UANUHaPm/ShgePm7+lKv3RQ3b60AGD/e/SmAHzm5/hHb3NSUwf69v90fzNACsDtPzdvSlwf736UN90/SloAaQdw+b9KXB/vfpQfviloAaoPPzd/SmzA+S/P8J7e1PXv9abN/qJP90/yoAdg/3v0rivFwP/CyPAHP/L9edv8Apylrtq4rxd/yUnwB/wBf15/6RS0AdoQf736Uig7R836U49KRfuigBGB4+bv6UuD/AHv0obt9aWgCMA+c3P8ACO3uaeQf736U0f69v90fzNPPSgBqg7R83b0oIOR83f0pV+6PpQ3UfWgAwf736Uig8/N39KdSL3+tADJgfJfn+E9van4P979KbN/qJP8AdP8AKn0ANwd33u3pS4P979KP4vwpaAGqDj73f0oYHb979KVen40N92gAwf736UwA+c3P8I7e5qSmD/Xt/uj+ZoAcQf736Uig7R83b0px6GuduPF0EkzWnh62k1q7T5X+zsBDEf8AblPyj6DJ9qidSMFeTsbUqFSs7QV7fcvV7L5m+wIxlv0rzD4q6bpfxJ8Ot4f02OfU762uEmSeyRSlsQfnBkYhMlCw25znGRxXUN4fvtZ+fxXf+fEf+YdZkx249mP3pPxIH+zW9b28NpbpBawxwQxjCRxqFVR6ADpXn1Ma3pTR1cmHo/E+d+Wkfv3fyt6syvDGq6K1pDo2l7rF7KFYl064TypYkUYA2nqMDqMj3roMH+9+lZWqaLp2tQrHqVqk2w5jf7rxn1Vhyp9wazBF4i0Hmym/t6yH/LvdOEuUH+zJ91/owB/2qqnjVtUQnRo1f4UuV9pfpLb77erOlhB8lOf4R29qdg7vvdvSsnRvEmnaq32SOR7e+jUeZZXKGOZPfaeo46jI961/4vwrvjKMleLOSpSnSly1FZhg/wB79KRQcfe7+lOpF6fjVGYjA7fvfpS4P979KG+7S0ARkHzl5/hPb3FPwf736U0/69f90/zFPoAaoO3736UEHI+bv6Uq/dobqPrQAYP979KQA7j836U6kH3jQAYP979KZCD5Kc/wjt7VJTIf9RH/ALo/lQApB3D5v0pcH+9+lB+8KWgBoByfm/Shgdv3v0pR940N92gAwf736Uwg+cvP8J7e4qSmH/Xr/un+YoAdg/3v0rkfDAP/AAsLxpz/AMt7Tt/07rXX1yPhj/koXjT/AK72n/pOtAFOeKP/AIX7YjYuP+EZueMf9PUFds0Me0/u0/75FcXOT/wv6x4/5lm5/wDSqCu2YnaeKAEEMeP9Wn/fIpDDHuH7tf8AvkU8E46UhJ3DigBPJj/55p/3yKYkUe+T92v3v7o9BUuT/dpiE75OP4v6CgAaGPaf3af98il8mP8A55p/3yKVidp+Wlyf7tADDDHuH7tf++RS+TH/AM80/wC+RSkncOKXJ/u0AMWGPaP3a/8AfIpssUewfu1+8v8ACPUVIpO0cU2UnYOP4l/mKAF8mP8A55p/3yKQQx7j+7T/AL5FPyf7tICdx+WgBDDH/wA80/75FIsMe0fu0/75FPJOPu0ik7RxQA0wx5H7tOv90Uvkx/8APNP++RSknI+XvS5P92gCJIo98n7tfvf3R6CnNDHtP7tP++RQhO+Tj+L+gpzE7T8tACeTH/zzT/vkUhhj3D92v/fIp+T/AHaQk7hxQAnkx/8APNP++RSLDHz+7Xr/AHRT8n+7SKTzx3oAjlij2D92v3l/hHqKf5Mf/PNP++RSSk7Bx/Ev8xT8n+7QAwQx7j+7T/vkUphj/wCeaf8AfIpQTuPy0pJx92gBiwx7R+7T/vkUNDHx+7Xr/dFOUnaOKGJ4470AJ5Mf/PNP++RTBFH5zfu1+6P4R6mpcn+7TAT57cfwj+ZoAGhj2n92nT+6KXyY/wDnmn/fIpWJ2n5e1Lk/3aAGGGPcP3a/98il8mP/AJ5p/wB8ilJO4cUuT/doAYsMfP7tev8AdFNmij8l/wB2v3T/AAj0qRSeeO9NmJ8h+P4T/KgBfJj/AOeaf98iuL8XRRj4keAAEXBvrzPH/TlLXbZP92uK8XE/8LI8Acf8v15/6RS0AdmYY/8Anmn/AHyKRYY9o/dp/wB8inknH3aRSdo4oAa0MfH7tev90Uvkx/8APNP++RSsTxx3pcn+7QBEIo/Ob92v3R/CPU08wx/880/75FICfPbj+EfzNPJP92gBiwx7R+7Tp/dFDQx5H7tev90U5Sdo+XtQcnHFACeTH/zzT/vkUiwx8/u16/3RT8n0pBkZ470ARzRR+S/7tfun+EelP8mP/nmn/fIokBaJlA5KkDmnZPpQAzyY93+rTp/dFL5Mf/PNP++RS5O77valyf7tADFhjx/q16/3RQ0Me3/Vr/3yKcpODxXPXXi6CWd7Pw/ayazdodr/AGdgIYj/ALcp+UfQZPtUTqRgrydjalQqVnaCvbfsvV7L5nQeVF/zzT/vkVzlz4otJLyW18P2R1q6UBW+z4EMR5+/KflH0GT7Uw+H77Wfn8VX/nxH/mHWZaO3Hsx+9J+JA/2a3be3htLdILWGOCGMYSONQqqPQAdK8+pjW9KaOpQw9H4vfflpH7938rerOf8A+EautYbf4pvFmjPTT7IGK3Hsx+9J+JA/2a6C3t4bS3SC1hjghjGEjjUKqj0AHSpKK4JScndszqV6lRcrei6LRL5fruFFFFIxCiiigChquiadrcAi1O1ScKco/R4z6qw5U+4NZQs9e0E5smXXrJf+Xe6KpcoP9mTG1/o2D/tV0lFVGcoO8XY6KeInGPJL3o9nt8uq+TRnaT4g0nV5mtov9HvUGZLK6j8qZPfaeo9xke9aqwx4/wBWvX+6KzdU0XTtahWPUrVJthzG/wB14z6qw5U+4NZiw+ItB/48pv7esh/y73ThLlB/syfdf6MAf9qvQp41bVEN0aNX+FLlfaX6S2++3qzpWhj2/wCrX/vkUvkx/wDPNP8AvkVk6Z4n07V5Wtone3vUGZLK6Xypk99p6j3GR71sZP8AdrvjKMleLOSpSnSly1FZkRij85f3a/dP8I9RT/Jj/wCeaf8AfIpCT568fwn+Yp+T/dqjMYsMe3/Vp/3yKGhjyP3a9f7opyk7fu0EnI470AJ5Mf8AzzT/AL5FIIY9x/dr/wB8in5P92kBO48UAJ5Mf/PNP++RTIYo/JT92v3R/CPSpcn+7TISfITj+EfyoADDHuH7tP8AvkUvkx/880/75FKSdw+Wlyf7tADBDHk/u1/75FDQx7f9Wv8A3yKcCcnihidvSgBPJj/55p/3yKYYo/OX92v3T/CPUVLk/wB2mEnz14/hP8xQAvkx/wDPNP8AvkVyPhiKM/EHxnlF4ntMcf8ATutdhk/3a5HwwT/wsLxpx/y3tP8A0nWgCvP/AMl+sf8AsWbn/wBKoK7ZvumuInB/4X9Y8/8AMs3P/pVBXbMDtPNADh0FIfvCkAOOtBB3DmgB1MT78n+9/QU7B/vUxAd8nP8AF/QUAPb7ppaawO080uD/AHqAA/fFLTCDuHNOwf71AAv3RTZfuD/eX+YpVB2jmmyg7Bz/ABL/ADFAElIPvGjB/vUgB3HmgBx6Ui/dFIQf71Cg7RzQAp6j60tNIORz3pcH+9QA1Pvyf739BTm+6aYgO+Tn+L+gpzA7TzQA6kP3xRg/3qaQdw5oAfSL3+tGD/epFB5570AJL9wf7y/zFPqOUHYOf4l/mKfg/wB6gAH3jSnpTQDuPNBB/vUAKv3RQ3b60ig7RzQwPHPegB1czrnjAaN4ij0m30PVdXu5rT7TtsFhIRA+0k+ZIncjpmulwf71cg4P/C64ef8AmXpP/ShKAHHxvqO0/wDFA+KOn92z/wDkil/4TfUf+hB8Uf8AfNn/APJFdWwO089qXB/vUAcifG+o7h/xQXij/vmz/wDkinf8JvqP/Qg+KP8Avmz/APkiuqIO4c07B/vUAckvjfUef+KB8Udf7tn/APJFNl8b6iYXH/CBeKB8p5K2f/yRXXKDzz3pswPkPz/Cf5UAct/wm+o/9CD4o/75s/8A5IrkvE/i2+m8e+Cpm8GeIYWt7y6ZYZFtd8+bSUYTE5GRnJyRwD1PFes4P96uK8XA/wDCyPAHP/L9ef8ApFLQBY/4TfUf+hB8Uf8AfNn/APJFC+N9R2j/AIoHxR/3zZ//ACRXWEH+9QoO0c0AcmfG+o8f8UD4o6/3bP8A+SKX/hN9R/6EHxR/3zZ//JFdWwPHPelwf71AHIDxvqPnMf8AhAvFH3Rxts/f/p4p3/Cb6j/0IPij/vmz/wDkiuqAPntz/CP5mnYPrQByY8b6jtH/ABQPijp/ds//AJIrh/iLpVj4t+Lvw2s9d0+UWt1Beyy2k77HRhErhWMbdQwGcMRx1Ir2RQdo57V5X8Smv9N+LXgXXbfQ9W1azsFvFuP7Ms2naMyIqLnHA5OeSOAaqH8SPz/J2FL4JehiX/7QltpOn+LbTUZ7GHX9Mv57bSrT7LOyTxoQFLsCRkndn5l6dBTPG3x6vNB15dL01tEtZLWzhuLttTjum+0PIgfy4RCpC4BHzOcZYehz2S/CzHhHxhon9sf8jNezXfnfZf8Aj28zb8u3f8+NvXIz6VBq/wAK9Sk1htS8JeMbnw5cXdjHZakYbNJftQjXarrlgY3AyNwJI4xjnOavdX7L77O/479+xcuW7ttr+a/S9jn9Z+Jvj2WPw1qnhi18NLpPieWG3sY777Q88MrJlhKUIXaGDDKgnGOKNN0JtF/aG0i8vrW1j1nUdDuLnUzYSSNFLOGAygkOQMADHFd1rngNdWj8LKNWuFXw7ex3fmXQM8t1sUjDuWByc5Lc/SucMt9q37R9pcx6Fq9tY6Zpc9pJfXNmyW8rlgwMcnIYc+3Q8VWnOrd5fdy/5/oZu7jr2j99/wDL9TpP+E31Hd/yIPijp/ds/wD5Iplx461CG0ll/wCEI8QQlBkG4SHZ+PlSSMAPZTXX4O7r2pcH+9Skm1ZOxtSlGM1KceZdtr/ccZp9l/wl1qLvWNZj1C0Y/wDHhp7lLdT/AHXP33Ps2B/s11Fvbw2lukFrDHBDGMJHGoVVHoAOlZ2oeFLG+umvrZ5dO1H/AJ/LM7Hb/fH3XHswNUm1HXNB41yz/tKzX/l/0+M71HrJDyfxQn6CvGrUKsXzS18z1Kj+tJKjLT+R2VvTo/wk+x0VFVdO1Oy1a1Fzpt1Fcwk43RtnB9D6H2NWq5Tz5RlCTjJWaCiiimSFFFFABRRRQAUUUUAFFFZeqeItP0mVbeeRpryT/V2duhkmf6IOce5wPegunTnVlywV2Tapouna1CsepWqTbDmN/uvGfVWHKn3BrnLzWdQ8I3kVomoDXklPyafLk3yj1VlB3jn+MD/erQ+y+I9dXddy/wBgWR/5YwMJLpx/tP8Adj/4Dk+9a+k6Bp2iRMmm26xM5zJKctJKfVnPLH6mu2hh6t+ZPl/rt/md8atPDw5Kz51/KtUv+3un/bu/dFq3madYZXgkgZ4yTFLjcvTg4JGfxqxUZB89ef4T/MU/B/vV6x5D1YL92huo+tIoOOtIQcjnvQIfSD7xowf71IAdx5oAdTIf9RH/ALo/lTsH+9TIQfITn+EfyoAefvClppByOaXB/vUAA+8aG+7TQDk80rA7etADqYf9ev8Aun+Yp2D/AHqYQfPXn+E/zFAElcj4Y/5KF40/672n/pOtdbg/3q5DwwD/AMLC8ac/8t7T/wBJ1oArzsP+F/WP/Ys3P/pVBXbMw2muKn/5L9Y/9izc/wDpVBXbN900AIGGKCw3CnDoKQ/eFABuFMRhvk/3v6CpKYn35P8Ae/oKAFZhtNLuFDfdNLQA0sNwpdwoP3xS0ANVhtFNlYbB/vL/ADFPX7opsv3B/vL/ADFADtwpAw3GnUg+8aAAsKRWG0U49KRfuigBCwyPrS7hQeo+tLQBGjDfJ/vf0FOZhtNIn35P97+gpzfdNABuFIWG4U6kP3xQAbhSKw5+tOpF7/WgBkrDYP8AeX+Yp+4U2X7g/wB5f5in0ANDDcaUsKB940p6UANVhtFDMOPrSr90UN2+tABuFcg7D/hdcP8A2L0n/pQldhXIP/yWyH/sXpP/AEoSgDrWYbT9KXcKG+6fpS0ANLDcKXcKD98UtADVYc/WmzMPJf8A3T/Knr3+tNm/1En+6f5UAO3CuK8XMP8AhZHgD/r+vP8A0ilrtq4rxd/yUnwB/wBf15/6RS0AdoWFIrDaKcelIv3RQAjMOPrS7hQ3b60tAEYYec3+6P5mnlhTR/r2/wB0fzNPPSgBqsNo+lBYZH1pV+6PpQ3UfWgA3CkVhz9adSL3+tADJmHkv/un+VP3Cmzf6iT/AHT/ACp9ADdw3fhS7hR/F+FLQA1WGPxoZhtpV6fjQ33aAMTU/C+n390b62aXTdRI/wCPyzOx2/3x91x7MDVA6prehsU1uz/tK0UZ+36fGd6jnl4eT26pn6Curpg/17f7o/ma5quGp1NdmdkMXLlUKq5o+e69HuvTbyKGnanZatai5026iuYScbo2zg+h9D7GrVZmp+FbC+umvrVpdN1HH/H5Ztsdv98fdcezA1QOo65oY/4nln/aVmP+X/T4zvUeskPJ/FM/QV5tTDVKeu6NVRp1v4Etf5Xo/k9n+DfY6KiqunanZatai5026iuYScbo2zg+h9D7GrVcxzSjKEnGSs0FFFZeqeItP0mVYJ5GmvJP9XZ26GSZ/og5x7nA96Y6dOdWXLBXZqVl6p4i07SZVgnkaa7k/wBXZ26GSZ/og5x7nA96pJa+ItfUNdS/2DYsMiKBg90493+7H/wHJ9xWxpOhaboiMmm2qxM/MkpJaSU+rOclj9TXXTwtSer0R0OFCj/FfM+0f1lt91/VGMtt4h17m7l/sCyP/LGBhJdOPd/ux/8AAcn3rX0fRNM0SFk062WJnOZJTlpJT6s55Y/U1p0i9Pxr0adCnT2WphUxVSceRe7Hstvn1fzbEZhtpdwob7tLW5ykZYecv+6f5in7hTT/AK9f90/zFPoAarDbQWGR9aVfu0N1H1oANwpAw3GnUg+8aADcKZCw8lP90fyqSmQ/6iP/AHR/KgBSw3Cl3Cg/eFLQA0MMmhmG2lH3jQ33aADcKYWHnL/un+YqSmH/AF6/7p/mKAHbhXI+GGH/AAsLxp/13tP/AEnWuvrkfDH/ACULxp/13tP/AEnWgCnOZP8Ahftj8q5/4Rm5/i/6eoPau2YybT8if99H/CuMn/5L9Y/9izc/+lUFds33TQA0GTH3E/76P+FITJuHyL/30f8ACpB0FIfvCgBuZf7if99n/CmIZN8nyL97+8fQe1TUxPvyf739BQAjGTafkT/vo/4UuZf7if8AfZ/wpzfdNLQBGTJuHyL/AN9H/ClzL/cT/vs/4U4/fFLQBGpk2j5F/wC+j/hTZTJsHyL95f4j6j2qVfuimy/cH+8v8xQAZl/uJ/32f8KQGTcfkT/vo/4VJSD7xoAaTJ/cT/vo/wCFIpk2j5E/76P+FSHpSL90UAMJkyPkTr/eP+FLmX+4n/fZ/wAKceo+tLQBChk3yfIv3v7x9B7U5jJtPyJ/30f8KVPvyf739BTm+6aAG5l/uJ/32f8ACkJk3D5F/wC+j/hUlIfvigBuZf7if99n/CkUyc/IvX+8f8KkpF7/AFoAilMmwfIv3l/iPqPan5l/uJ/32f8ACiX7g/3l/mKfQBGDJuPyJ/30f8KUmT+4n/fR/wAKcPvGlPSgCNTJtHyJ/wB9H/ChjJx8i9f7x/wp6/dFDdvrQA3Mv9xP++z/AIVyLmT/AIXVD8q5/wCEek/i/wCnhPauxrkH/wCS2Q/9i9J/6UJQB1bGTafkTp/eP+FLmX+4n/fZ/wAKc33T9KWgCMmTcPkX/vo/4UuZf7if99n/AApx++KWgCNTJz8i9f7x/wAKbMZPJf5F+6f4j6fSpV7/AFps3+ok/wB0/wAqADMv9xP++z/hXF+LjJ/wsjwBlVz9uvMfN/05S+1dvXFeLv8AkpPgD/r+vP8A0iloA7ImT+4n/fR/wpFMm0fIn/fR/wAKkPSkX7ooAYxk4+Rev94/4UuZf7if99n/AApzdvrS0AQgyec3yL90fxH1PtTyZP7if99H/Cgf69v90fzNPPSgCNTJtHyJ0/vH/ChjJkfIvX+8f8Kev3R9KG6j60ANzL/cT/vs/wCFIpk5+Rev94/4VJSL3+tAEUxk8l/kX7p/iPp9KfmX+4n/AH2f8KJv9RJ/un+VPoAjzJu+4nT+8f8AClzL/cT/AL7P+FO/i/CloAjUyY+4vX+8f8KGMm37i/8AfR/wp69Pxob7tADcy/3E/wC+z/hTAZPOb5F+6P4j6n2qamD/AF7f7o/maAAmT+4n/fR/wpFMm0fInT+8f8KkPSkX7o+lAGDqfha1vrs3tqG03UT/AMvlnJsdv98Y2uPZgazbzXNX8KWjTeJrZL6xQhft9jhWBJ2qHiY8EkgZUkZPQVJf/EOwsviJb+Dl0nV7u/liSZp7W2V4IEYkBpG3ZUAjk4xyK3dc0W18Q6PLpt/5gglZGby2w2UdXHP1UVzVMNTqLm2OyOMkl7OquZLvuvR7r028jF+y+JNeP+kuNBsj1hhcPdOPd8FU/wCA5PvWvpOh2WiRMmm2cUTPzJKXLSSn1ZyCWP1NaeOa5HSviLYar8QLzwgdJ1eyv7WJ5hLeWyxwzxq4TfGdxLKSeDjBwaqlQhTdorUVXFVJw5V7sey2+fV/Ns6iEyeSnyL90fxH0+lOzJu+4nT+8f8AClh/1Ef+6P5U7+L8K3OQbmX+4n/fZ/wpFMmPuL1/vH/CpKRen40AMYybfuL/AN9H/ClzL/cT/vs/4U5vu0tAEJMnnL8i/dP8R9R7U/Mv9xP++z/hQf8AXr/un+Yp9AEamTb9xP8Avo/4UMZMj5F6/wB4/wCFPX7tDdR9aAG5l/uJ/wB9n/CkBk3H5F/76P8AhUlIPvGgBuZf7if99n/CmQmTyU+Rfuj+I+n0qamQ/wCoj/3R/KgBCZNw+RP++j/hS5l/uJ/32f8ACnH7wpaAIwZMn5F/76P+FDGTb9xf++j/AIU8feNDfdoAbmX+4n/fZ/wphMnnL8i/dP8AEfUe1TUw/wCvX/dP8xQAZl/uJ/32f8K5HwwZP+Fg+M8Kv+vtM/N/07r7V2Ncj4Y/5KF40/672n/pOtAFOYp/wv8Asl3DP/CNXIxnv9pgOPyruGUbT/jXESu4+O1pD+78t9BnnJ8obsrNEgGf+BE5+g6V27MNpqpJK1mRFyd+ZWFCjH/16QqNw/xoDDFBYbhUli7R/k0xFG+T/e9fYU/cKYjDfJ/vf0FADmUbT/jS7R/k0jMNppdwoAQqNw/xpdo/yaaWG4U7cKAEVRtH+NNlUbB/vL39xTlYbRTZWGwf7y/zFAD9o/yaQKNx/wAaXcKQMNxoAUqMf/XpFUbR/jQWFCsNooACoyPr60u0f5NIWGR9aXcKAGIo3yf73r7CnMo2n/Gmow3yf739BTmYbTQAu0f5NIVG4f40u4U0sNwoAdtH+TSKo5+vrS7hSKw5+tADZVGwf7y9/cU/aP8AJpkrDYP95f5in7hQAgUbj/jSlRj/AOvSBhuNBYUACqNo/wAaGUcfX1oVhtFDMOPrQAu0f5Ncg6j/AIXXD/2L0nf/AKeErr9wrkHYf8Lrh/7F6T/0oSgDrmUbT9PWl2j/ACaRmG0/Sl3CgBCo3D/Gl2j/ACaaWG4U7cKAEVRz9fWmzKPIf/dPf2pysOfrTZmHkP8A7p/lQA/aP8muJ8XlB8SvAKlhn7dd5GfWzmxXbbhXEeLmYfEbwQo8vZPd3CtuiBI2W8knBPuoHtz61UUm9XYibkl7quduVGP/AK9IqjaP8aCwoVhtFSWDKOPr60u0f5NIzDj60u4UAMCjz2/3R39zTyo/yaYGHnt/uj+Zp24UACqNo+nrQVGR9fWhWG0fSkLDI+tADto/yaRVHP19aXcKRWHP1oAbMo8h/wDdPf2p+0f5NMmYeQ/+6f5U/cKAE2jd+HrS7R/k0m4bvwpdwoARVGPx9aGUbf8A69IrDH40rMNtAC7R/k0wKPPb/dHf3NP3CmBh57f7o/maAHlR/k0iqNo+nrRuFCsNo+lAHl63ttpv7R2uXl/cR21tB4ZieWaVwqoomOSSeAK8dktvAlz4NtvFhu9PXxPe+IxdMG1EedFbtdE/PDvwuF5JK8CvavFvwquPFHjS61hPEsun2Ooaeum39lDZI7zQ5JIErE7CSRyFOMd6Z498CeCdL+Ht+yeE9LU7IrfzrezhinXfIse9ZPLOGG7OcdRSV0k+q/8Akr/jovvE1dtdH/8AI2/z/A8W+KuqabrOteI9c097WLU9M1NLeG6v9Zc3uEKgfY7eMKqRhstubd1JBB6exwsX/aatGc5ZvCeSfX9/Xcf8In4ceSaSfQ9OnnngFvPPNZxtJPGABtdiuWHyrweOB6Vz+j+AL7T/AIoXPi7UPEIvo2tHsrSwXT1hFrAZA6IHVvm24xkrk5q4WjaPRX/9Jt+P9edN3Tf9bp/hY7eFR5Cf7o7+1O2jd+HrTYWHkJ/uj+VO3Dd+FSIXaP8AJpFUY/H1pdwpqsMfjQArKNv/ANel2j/JpGYbaXcKAGFR56/7p7+4p+0f5NMLDz1/3T/MU/cKAEVRt/8Ar0FRkfX1oVhikLDI+tADto/yaQKNx/xpdwpAw3GgBdo/yaZCo8hP90d/an7hTIWHkJ/uj+VADio3D/Gl2j/JpCwyKXcKAECjJ/xoZRt/+vSBhk0rMNtAC7R/k0wqPPX/AHT39xT9wphYeev+6f5igB+0f5Ncj4YUf8LC8af9d7Tv/wBO61124VyHhhh/wsLxp/13tP8A0nWgCCf/AJL9Y/8AYs3P/pVBXbN901xE+7/hf1j0/wCRZuf/AEqgrtm3bT0oAcOgpD94Ug3Y7UHduHSgB1MT78n+9/QU75vamJu3ydPvf0FAD2+6aWmtu2npS/N7UAB++KWmnduHSl+b2oAF+6KbL9wf7y/zFKu7aOlNl3bB0+8v8xQBJSD7xo+b2pBu3HpQA49KRfuig7vakXdtHSgBT1H1paad2R060vze1ADU+/J/vf0FOb7ppibt8nT739BTm3bT0oAdSH74o+b2pDu3DpQA6kXv9aPm9qRd3PTrQAkv3B/vL/MU+o5d2wdPvL/MU/5vagAH3jSnpTRu3HpSnd7UAC/dFDdvrSLu2jpQ27jp1oAdXIP/AMlsh/7F6T/0oSuu+b2rkHz/AMLrh6f8i9J/6UJQB17fdP0paa27aenSl+b2oAD98UtNO7cOlL83tQAL3+tNm/1En+6f5Uq7uenWmzbvJfp90/yoAkrivF3/ACUnwB/1/Xn/AKRS12nze1cV4uz/AMLI8AdP+P68/wDSKWgDtj0pF+6KDu9qRd20dKAFbt9aWmtu46daX5vagBo/17f7o/maeelRjd5zdPuj+Zp53e1AAv3R9KG6j60i7to6dKDuyOnWgB1Ivf60fN7Ui7uenWgBJv8AUSf7p/lT6jm3eS/T7p/lT/m9qAD+L8KWm/Nu7dKX5vagAXp+NDfdpF3Y7daG3be1ADqYP9e3+6P5mnfN7UwbvObp90fzNAEh6Ui/dH0oO72pF3bR06UAK3UfWuQ+Kn/JOL//AK7Wv/pTFXXHdkdOtcR8SdQtb/4daqtndQztb3dtFMsbgmNxcx5Vh2PsaAO4H3jS1UTULV9TksEuoWvI0EkkCuC6KeASOoB7Z68+lWvm9qAGw/6iP/dH8qd/F+FMh3eSnT7o/lTvm3dulADqRen40fN7Ui7sdutACt92lprbtval+b2oAaf9ev8Aun+Yp9Rnd5y9Pun+Yp/ze1AAv3aG6j60i7tvag7sjp1oAdSD7xo+b2pBu3HpQA6mQ/6iP/dH8qd83tTId3kp0+6P5UAPP3hS007tw6Uvze1AAPvGhvu0g3ZPSht23tQA6mH/AF6/7p/mKd83tTDu85en3T/MUASVyPhj/koXjT/rvaf+k611vze1cj4Y3f8ACwvGnT/X2n/pOtAFef8A5L9Y/wDYs3P/AKVQV2zfdNcNPFH/AML9sRsXH/CM3PGP+nqCu2aGPaf3af8AfIoAkHQUh+8KaIY8f6tP++RSGGPcP3a/98igCSmJ9+T/AHv6CjyY/wDnmn/fIpiRR75P3a/e/uj0FAErfdNLUbQx7T+7T/vkUvkx/wDPNP8AvkUAOP3xS1GYY9w/dr/3yKXyY/8Anmn/AHyKAHL90U2X7g/3l/mKRYY9o/dr/wB8imyxR7B+7X7y/wAI9RQBNSD7xpvkx/8APNP++RSCGPcf3af98igCQ9KRfuimmGP/AJ5p/wB8ikWGPaP3af8AfIoAeeo+tLUZhjyP3adf7opfJj/55p/3yKABPvyf739BTm+6aiSKPfJ+7X7390egpzQx7T+7T/vkUASUh++Kb5Mf/PNP++RSGGPcP3a/98igCSkXv9ab5Mf/ADzT/vkUiwx8/u16/wB0UALL9wf7y/zFPqGWKPYP3a/eX+Eeop/kx/8APNP++RQA4feNKelRiGPcf3af98ilMMf/ADzT/vkUAOX7oobt9aYsMe0fu0/75FDQx8fu16/3RQBJXIP/AMlsh/7F6T/0oSus8mP/AJ5p/wB8iuReKP8A4XVCNi4/4R6TjH/TwlAHYN90/SlqNoY9p/dp0/uil8mP/nmn/fIoAcfvilqMwx7h+7X/AL5FL5Mf/PNP++RQA5e/1ps3+ok/3T/KkWGPn92vX+6KbNFH5L/u1+6f4R6UATVxXi7/AJKT4A/6/rz/ANIpa7LyY/8Anmn/AHyK4vxdFGPiR4AARcG+vM8f9OUtAHbnpSL90U0wx/8APNP++RSLDHtH7tP++RQA9u31pajaGPj92vX+6KXyY/8Anmn/AHyKAAf69v8AdH8zTz0rmb7Wp7jVp9N8NWVvdXEIC3F1Pxb2zddpxy74P3RjHcimDw/rE3zXfie5V/7tpZwRoPoGRj+ZrkqYunB23O1YRpJ1ZKN+jvf7knb527nUL90fShuo+tcv/wAIzf8A/Q06p/35tv8A41R/wjN//wBDTqn/AH5tv/jVZ/Xodn+H+Y/q1L/n7H7pf/InU0i9/rXL/wDCNah/0NOqf9+bb/41R/wjN/8A9DTqn/fm2/8AjVH16HZ/h/mH1al/z9j90v8A5E6ab/USf7p/lT65U+Gb8gg+KdUwf+mVt/8AGqX/AIRrUP8AoadU/wC/Nt/8ao+vQ7P8P8w+rUv+fsful/8AInUfxfhS1y3/AAjN/wD9DTqn/fm2/wDjVH/CNah/0NOqf9+bb/41R9eh2f4f5h9Wpf8AP2P3S/8AkTqF6fjQ33a5f/hGb/8A6GnVP+/Nt/8AGqP+EZv/APoadU/7823/AMao+vQ7P8P8w+rUv+fsful/8idTTB/r2/3R/M1zP/CNah/0NOqf9+bb/wCNUn/CM3+c/wDCU6pn/rlbf/GqPr0Oz/D/ADD6tS/5+x+6X/yJ1R6Ui/dH0rl/+EZ1D/oadU/7823/AMao/wCEZv8A/oadU/7823/xqj69Ds/w/wAw+rUv+fsful/8idQ3UfWvmn9pjwreaLq1v4z0OWa2i1ALa6j5DlcyLzGzY65C454BRe5r27/hGb//AKGnVP8Avzbf/Gqoa18Px4i0mXTNa1/UbuzmKl4mjtwGKsGHIiB6gUfXodn+H+YfVqX/AD9j90v/AJEzPgV4Ml8KeAEvNU3trGtML28klJL4I+RGJ5yFOTnnczV6XXLf8Izf/wDQ06p/35tv/jVH/CNah/0NOqf9+bb/AONUfXodn+H+YfVqX/P2P3S/+ROmh/1Ef+6P5U7+L8K5YeGb8AAeKdUwP+mVt/8AGqX/AIRm/wD+hp1T/vzbf/GqPr0Oz/D/ADD6tS/5+x+6X/yJ1NIvT8a5f/hGtQ/6GnVP+/Nt/wDGqhn0Se08v7T4wv4fOkEUfmJarvc9FGYuSfSj69Ds/wAP8xfVqX/P2P3S/wDkTrm+7S1y3/CM3/8A0NOqf9+bb/41TZPDt7FG0kvizUkRAWZmitgFA6knyqPr0Oz/AA/zH9Vp/wDP1fdL/wCROoP+vX/dP8xT65GPQriaYpD4vv5JERWKqlqSFb7pI8rocHB74NS/8I1qH/Q06p/35tv/AI1T+uw7P8P8xfVqT/5ex+6X/wAidQv3aG6j61y//CM3/wD0NOqf9+bb/wCNUf8ACM3/AP0NOqf9+bb/AONUvr0Oz/D/ADH9Wpf8/Y/dL/5E6mkH3jXL/wDCNah/0NOqf9+bb/41R/wjN/8A9DTqn/fm2/8AjVH16HZ/h/mH1al/z9j90v8A5E6mmQ/6iP8A3R/KuYOkeILL57DXY77H/LDUrSPa3tviCkfXB+lXtC1iHUWksbyz+w6nbKDNayYOV6B0bo6H1H0IBraliadR2WjInhWoucJKSW9r6fJpP57eZtn7wpajMMe4fu0/75FL5Mf/ADzT/vkV0nIOH3jQ33aYIY8n92v/AHyKGhj2/wCrX/vkUASUw/69f90/zFHkx/8APNP++RTDFH5y/u1+6f4R6igCauR8Mf8AJQvGn/Xe0/8ASda6vyY/+eaf98iuR8MRRn4g+M8ovE9pjj/p3WgCCcn/AIX9Y8f8yzc/+lUFdsxO08VxU/8AyX6x/wCxZuf/AEqgrtm+6aAAE46UhJ3DinDoKQ/eFABk/wB2mITvk4/i/oKkpiffk/3v6CgBWJ2n5aXJ/u0N900tADSTuHFLk/3aD98UtADVJ2jimyk7Bx/Ev8xT1+6KbL9wf7y/zFADsn+7SAncflp1IPvGgAJOPu0ik7RxTj0pF+6KAEJOR8velyf7tB6j60tAEaE75OP4v6CnMTtPy0iffk/3v6CnN900AGT/AHaQk7hxTqQ/fFABk/3aRSeeO9OpF7/WgBkpOwcfxL/MU/J/u02X7g/3l/mKfQA0E7j8tKScfdoH3jSnpQA1Sdo4oYnjjvSr90UN2+tABk/3a5Byf+F1w8f8y9J/6UJXYVyD/wDJbIf+xek/9KEoA61idp+XtS5P92hvun6UtADSTuHFLk/3aD98UtADVJ54702YnyH4/hP8qevf602b/USf7p/lQA7J/u1xXi4n/hZHgDj/AJfrz/0ilrtq4rxd/wAlJ8Af9f15/wCkUtAHaEnH3aRSdo4px6Ui/dFACMTxx3rI8ValcaZ4emksuLyZktrbPOJZGCKfwLZ/Cthu31rnvGP+q0b/ALC9v/M1lWk405NdjqwcYyxEFJXV/wAtS7pGl2+i6VDY2g+SJeWPLOx5ZmPck5JPvV2iivAJnOU5OUndsKKKKZJzfii+1H+1tG0TSrz+z31OWQy3ixo8kUca7iIw4K7mOBkhgBk49Ob1S+8Q2ukeK7T/AISO9S68PWzXltfR29tuuUaFnVJlaIrlWRhlAmV29812eu6BBrsdsXuLmyu7OXzrW8tGCywtjBxuBUggkFWUgg9OmKsXg+xTQ9W06a5u7mTWUdb6+ldfPmLJ5eeFCLhQAAqhRjpyc2mlF/1/X9dxxsppy2OdkbxJG3hayt/FF27aw0kl3c3FtbGSNBBv2xhYlUHd0LBuvOelMk8UappGrxaVf6qs6WetJbz3skcatLbPaSTYkCqFVgVGSoXIA6ZNafiPwnc6jqnhRLCW6t4NKklLXkEqLLB+4KI2GBDZPBG0g5ORipbz4d6TqOnwWuo3F7csmoLqNxcPIoku5QpTEmFA2FDtKqFGBj1zblFyv09PP/IzhdL3u342f6/1prytn408S391qkMswsTfahY2+nK0K77GCdWbcQy/NIUXdhsgM2MEDB6fWZ9d0DQoLJNa+23uo6jHZ21/c20avbpJ1ZlXajuuG24VQflBU4O69f8AgzTtQuNTnkmuo59QeCXzY3UNbyQj928fy8EHn5twPQjBIpZPCFvdaHPp+p6nqd/JNMLgXs04WaGVcbHj2KqR7doICqAecg5OVzR/Ffdp/k/ULStv3+/XX8tPI5TxPruv+E7TXbH+2bi/ZNKGoWd/Nbw+fAwkEboQkYRhypX5M53A54qhfeL9X0608SDT9a1a6W10CS+t5ta0xLSaOdCR+6jMERkUAgsSjAHYM/Niuxn8BWd7p+pw6nqeo313qcC202oTNEJliUllRAsYjUAkn7nJPOeMR3Xw/t9TgvU1vXNV1R7qxlsFlnMCNbxSY37BHEi5O1eWDfdGO+bhKCacvy/ry7Fdfu/S/wB+v3lbXPHlo3hbVW0e4urTVbeya4iS90+W2dgMAuizou8AkZwCBkZ6iub8ReLNZtdW8W/Ztb1mGbSmT7BaWulJLaH/AEdHxNMYG2KWY7i0qYXnI611s/w/g1ATHW9c1bVHktHtInuDAht0cqX2CKJFydi8sG6cY5y+88Crc6hqtxb+IdYsYtXIN5bW32fY+I1j4ZoWdcqoHDA9xipTgtv61Xl28gjpv/X9fI53xL4n1d7u/TR9S1Iz2turRW+h2UU0SEw+YXuZp08sDOMIkgYqQeS3Ecnje+1jUbO0a/1TSIxo9tfTSaNpD3rySzhiFP7mUIihDwQCxPB+U56O5+HmnzfbYLXUtSsNO1CNY7zTrWSMQzhYxHksyGRSUVVOx1yFHvmSPwJb2lvYDSdY1TTbqysksDeW7QtJcQoPlEgkjZGI5IbaCMtggEgvmppf153/AE7/AKC10/rt/wAE5m41PxPfab4avpNb1TRp9U1Mafc2q2MEShVEv71EnhaRC/lqwDE4DdK6vxdeX3h74a6xeWd9LJfWOnSyR3cyRly6oSHKhQmc9goHtVg+EdN+xaPaRedFFpF0LuALJkvIFcEuWBLZ8xiT1J5zV3XdHt/EPh+/0e8eWO3vrd7eR4SA6qwwSpIIzz6Gp54320v+BS3Xp+r/AEscVL4v1e6+IYtbKVY9FTT7xVPlqTcXMPl7nBI+6pcpgdWV89qrW3ju71e38FWVpdana3WqMEv7iTSZIVfNpI5KPLF5ZO8Kw25Bx0K5rro/BmmQvprQvcINNsZbGFd4O5JAm5mJBJb5Ac56k5zmnjwnYi38Pw+bcbdAZWtTuXLkQtEN/HPyuTxjnH0qoyprRr+ve/zX9InXS3Z/pb+v8zjDrGt6EnjLU73xHqWpweGz+4tJobRVuM2ySYkKQK33n/hK8Ade8uneJNagv7SNb7WtWS6gl+2Ne+H5bOKzkWJnV43MKAIWUrtcu3zJzwc9knhfTRJrfno1zFrjhruGbBQjyli2gADgqo655zWfF4NFrGZJdV1PVpLa2khsY76SMi33Lt4KopZiMLukLNjPPLZhzjyvTW36f5l6cy/rsYWk6n4ksdI8Ka3q2u/2h/bDQQXlk1vFHEhmTKvEVUOGDAZ3MwILYC8YxdSm1/xDoPhXXjrZjXVNct3SzNvEY7SMs+woQu4uABnezAkngdK6jwR4Gk0nw94eGt3l/NPptpEY9PuJY3htJ/L2uVKruYjLgbnYAMduOMU/EPw4aU6XHo97qRs7fWYrxbNbiNY7EZYvJGSoY8sSFZmAyQFxxW0pQVXS3xfhf+tfxMUn7N3/AJfxs/8AgaFHWfF+seHtRm8NT6ldXU0l9bxQ6oliJ7mOGSKSRv3MMeHkHksFIjxhlLKdpzK3ivW7bS9UjhuNTngtriw+y6nqWlNaSyCa5VJYmV4o1YgdGVRw47jJ6X/hA7BrOYXF7fz6jNcLdHVndBcpKg2oylUCKFXK7Qm0gsCDubMd78PrDU9F1Kx1PUtSup9TMP2nUWkjS4IicNGqlEVEAIPCqPvMepJqOaHXy/T/AIP9M1jur/1r/l/XU4mLxNcaBq/iB/DWnadp2jf2eZtPtobVIUmm89YftL7QpILE45wUVTnnj0zRNN1TTfOTU9dm1iNwpja4t4o5I2x83MSqpU8EDbkc5Y5GKl14K0e8mczxP5D6b/Zn2ZW2xrDu3DGBkMMDBB4xVrRdDk0hpXuda1PVpZFVN99ImEVc4CpGiIDyctt3HjJIAxLknG39b6fgRrzNvr/kv1v/AEzGv7jWda8aX+kaVrD6PFpllDPvihim+0Sys+A6upOxRF0UqTuPzDFdcu4IN5BbHJAwCfpWFrHhOLVdSOoW2qahpN1Jb/ZriXT3jVriLJIVi6MQVJbDLtYbjg1uRoI41RSxCgAFmLH8SeT9TUNqysV1HUUUVIwrn/F8DQacuu2i/wCm6QTcoR1eMf62M+oZQePUA9q6CqGujPh3UQen2WX/ANANF2tUdGFm4V4vz+9PRr5rQ0o5lniili+ZJFDKfUEZFSZP92uB0Tx/HD4e0yM+GvE0hS1iUsmlOQ2EHIPcVePxFQdPCXis/TSW/wAa+iTurnJUiozcV0Z14JyeKGJ29K4z/hZABOPB3i4/TST/APFVteGvE9t4q0+5ubWzvbM21y1tLDexCORXVVY5UE4+8OvNMg2sn+7TCT568fwn+YqSmH/Xr/un+YoAdk/3a5HwwT/wsLxpx/y3tP8A0nWuvrkfDH/JQvGn/Xe0/wDSdaAKs4P/AAv6x5/5lm5/9KoK7Zgdp5riZyP+F/WPP/Ms3P8A6VQV2zEbTyKAAA460EHcOaUEY6ikJG4cigBcH+9TEB3yc/xf0FPyPUUxCN8nI+9/QUAOYHaeaXB/vUjEbTyKXI9RQA0g7hzTsH+9SEjeORS5HqKAEUHaOabKDsHP8S/zFOUjaORTZSNg5H3l/mKAH4P96kAO480uR6ikBG48igAIP96hQdo5pSRjqKRSNo5FAAQcjnvS4P8AeoJGRyOtGR6igBiA75Of4v6CnMDtPNNQjfJyPvf0FOYjaeRQAuD/AHqaQdw5p2R6ikJG8cigBcH+9SKDzz3pcj1FIpHPI60ANlB2Dn+Jf5in4P8AepkpGwcj7y/zFPyPUUAIAdx5oIP96gEbjyKUkY6igBFB2jmhgeOe9CkbRyKGI45HWgBcH+9XIOD/AMLrh5/5l6T/ANKErr8j1Fci5H/C64ef+Zek/wDShKAOtYHaee1Lg/3qGI2nkdKMj1FADSDuHNOwf71ISN45FLkeooARQeee9NmB8h+f4T/KnKRzyOtNmI8h+R90/wAqAH4P96uK8XA/8LI8Ac/8v15/6RS12uR6iuK8XEf8LI8Ac/8AL9ef+kUtAHaEH+9QoO0c0pIx1FIpG0cigAYHjnvXO+NR5Ol2V45/dWepW00p9E8wKT+G7P4V0TEccjrUN9aW+o6fPZXiiSC4jaORT3UjBrOpHng49zow1VUq0Zy2T19OoVlatrf9l6totl9n83+1bt7bfv2+Vthkl3Ywc/6vGOOue2Kz9N1d9Dnj0PxJOFlX5LO+k4ju0HTJ6CQDgqeuMjOad4r8KxeKL7QvtttZ3djYXr3F1b3kYdZVMEiABSCCQzqecdM9a8OMbStM0rUZUnZ6p7Po/Nf1ps9SteeORa3GrWqaeZrqz1CHTrSFZgPtcssSyLkkfIAGOT82ApPPSnr4tv7dr6y1LQnGr2sUcsVrYTG4juEkbYpWQohADA78qNo55FYF18KrdrfV4bOx0iK2k1WHUtPsGtx9mJSFY2jljC4AY7+QDjIbkjFEvw5nuNI1FYNH8N6O9w1vt02xhH2edYpPMZZpliR2En3SNpVQOjZIq0oW18vyX637mMvL+tf8vTXqWG+J/wBlTxFDeWemzX2iae988Wmar9pjbaSGjdjGrRuCBwVPB/Ctq48R6xMuoy6FpFjdW9hJ5TSXeoPB5jKm6TaFhfhSQvXkhumBnl77wBr+orqyrb6FpVreeH5dKtdPs5HMds7PuB3eUuVOSThRjAADcmuq0zw9eaT/AGpp9rJD/Y9xCDZQliDaOV2tGq4wIuAwAPBLDGMUT5FC631/P/IUb82u1/wsv1KOkeNtSvdJ8P6hqOjWlrDr80SWwg1BpmRJIXl3PmFACNgGAT1PPHNCT4pGcar/AGVo4uBZ6laafbPPdGJLozvsEmRGxVA2cHDbgMjqKfe+B9Yn8A+EtDtL62trvR2t1urhWYjYsDRSGI4yWw5K5A9T6VW174cXV3DqcGmW2lvZz3OmyW9jcsyRNFakbonxGwAIGBgMMdatql7R9r/hdfpf8fIWto+mvrr/AMA1H8d3liuqQatpNvHf6bNZo8dretNEyXMgRT5jRIQw5JXb0A554va540tvD+rXVte20jQ2umG/aWJgWc+Z5YjVTgZJIwSR1/Guab4dXl1puq2w03Q9GtL5rMf2TYSNJat5U4kkkb90g3unyYCchFyT2uX/AML7B9Vv20K20/RLO80sWubK2WNlnEwkWQooAYDaO+e3HWoap3+/8v8AMbvyab6fmv8AgmnB4s1S11CKz8S6JDp0t3ayXFoba+NwrtGNzxOTGmx8EEY3AgNzxzhWPi1IPF3huJbjU7tvEMHnNZy3SGDTBLG0q8iMPIWMThQzHAVsYGBWx/YfiHW9Rtr3xGumWpsLaaOCGxmeYTTSpsMjM6KUAGQEAb73Lcc5uh/D7UdOsfCrXdzaTX+m3guNRlQsFkC2zwIkeRkhQyAZx0Y9TiqjyXfN/W//AAP6uTK/Tz/S36/8MdTrviOHQLqwS7QeRdNN5s5fAhWOFpS2Mc8JjtUOj+Irq/1WOwv9NSzlksRe4W4Mm1WcqqnKL82ACewJI5xkx+KfCsfie+0c3KxPa2U8ksoYkOpMTIrRkDh1ZgwbIIxkHIrJs/Ab6lqlvdeOrPSNbNrYfY0kuIROzlZWIlIdMKzJt3Y/izjjFZJR0v8A1o/+AU9v67r9Lk1r49uNUt9Nh0fSEn1TUPtLrbzXflxQxQS+W0jyBGPJKgAITlvQE01/Hl9ILKzstGgbWZtSk024tLm+McdvIkLTFvMWNiylFBU7ASGGQDkVU0jwTrPhq10e50Y6fJeadHdW0llJK8VvLBNN5i7XVCUZdq/wEY3Djg1Zs/Beopq+natdz2pvDrEup36xltihrV4FjjJGW2goMnbnDHAztrSKp9fP776fK349Sdbf12/zJ7LxvdtJLBqulW9tcwaymlyiC9MsY3QrL5gZo0J4YDGB060o8a3l0mnRaZpENxe6sJLixikvDHH9kTb++lfyyUJ3r8iq5yw56kVrzwJNqF5f/b1sri0u9fi1Iwy5YGFbZIipBXG7cmQOmMHOaSHwx4lsLqw1C3urTUL3SvtFnAL25kH2uzkKMPNk2MVlUovO1w23nBb5UvZv8P8A0lf+3fhcp3vp/Wr/AE/TzJpPFzajbxaZc2s2n6jNqn9k3Qt7n5rSTyWmWWN9vzqVVSMqM7vmHBWl8A+Il1e71ywjlvrxNOuVC6jfSKXuwwPzKiIiogKkDaMMBu75ObqfgLXNRtEnW/tLbU7vWl1C9eMttgi8gwGOI7csyoRhmC5bJwPu10fh/wANHQtf1e4gW3isLqO1itYIcjylijKYIxgDpjGeKPcUX3/4a/43/qwT3io/1v8Apb+myu+jarY6xPqz6tcS2sd5NefZDO20xG2VBFjpgOpbHQZz1qppfjTWJ30OXV9F0+zsdZiMkU1vqbzPEBCZfmQwIOgxwx/GuuvYWubC4gQgNJEyAnpkjFczF4Tuv7P8KWs8kJGjwmK62sfnzbNF8nHPJzzjj8qlNOLv2Vvuf/AE91bre/4f8EgsvHd3Pb6bq15oq2ugarKkVreG83TL5hxE8sWwBFckAYdiNy5A5wzVfHGq6de3Tx6JZzaZa6pb6a9wdRZZi0piG4R+SVwDKON/Y1U/4RjxFD4d0/RNQ+w3Wl6I0U8c8Mkhub4W5DwxmIpiMkqm5g752nCjd8uNqGm+OJvAEjy6FpskpvU1qSNNRmNw5WcXAgEX2b7+FEfXqPwrWMabn5X/AAurP1tzX+Wgnzbdf11/Wx2kfi6S51iXS7Oxje7TUHtQslwVBiSON5JshDjHmKoXHJK8jORj3fj/AFuHTdV1WHw9YSaZpt/JZO76q6zPsl8ssI/s5Xqc43/jUsHhDU7LWrrxBpRtYdRutSFxJG0jItzatEiGKUhCdykMycHB9AzU0eDNWn+Hur6TcPZRajqd/LelUld4Yt84k27ygLYA67Rz271CUFa/ZX9dL/r/AFYcn7rtvfT097/gf1cv3Pjgx3F/Z22nCa/i1ZdKs4WuNi3EhgSYuzbTsVVZieGOE4BJAqGDx3MviSy0DU9KS21Ga8+zTiK6MkUamB5kkRyilwwjK4KqQQeoAJo3Pw8lHiO/8S2cOmnW11db6xmlBBeEW6QtBJIFLKDiQjG4AlWweRWlaeDn1SfUb/xdHD9rvpYXjhsLqUCzEQITy5wEff8AM5LAL94rjGSX+7SXovvsv+D/AFYbvfTz/X/gEreNNuuXWnfYP+PfVodN8zzvveZAJd+NvGM4x3657VVsPHN7r2o65aeHNIt7gaVLGiTXl60CXKMHDOu2JyMMhUcYbrkcZyLz4b6tGmoxaLqKwLdazBexT3V1NcTRQrAIpDvk3MZPvFQSR05HSum0XwudF13Vp7VYIrC5tbW3tYYycxiJXUgjGAPmGME1D5VBvr/wF+t/x8hv4lbb/gv/AIBn6J431TUdF0bVdQ0SztbbWZ4Y7YQai0zqJFY5cGFACNo4BOc9RjnodZ0661CTTjaXstotteLPMI5CvnIEcFDjqMsDg8cVyc/ga/b4b+HdBltdK1OfSpIGuLa8kYW1wEVgVz5bHuDynatnwb4eudB/tFp7Sw0yC6lV4NM0yRnt7YBACVJROWOSQEUdOpyS5KLu10enpp/wRPR6dV/n+hq+HrC70vw3YWOpXj3t3bwLHNcu5YyuByxJ5PPrUfii6Sz8JarPJ0W0kwP7xKkAfUkgfjWlNPFbQtNcSJFEgyzuwVVHqSelc3G58Z6hbvCrLoFpKJvNdcfbpVOVCg9Y1Izn+IgY4GamMZVZ2W7OzC0/fVWfwRd2/wBF5vp9+1zodJtXstFsLWQ/PBbxxt9QoH9Ku4P96kJG4cilyPUV76VlY4JSc5OT6jQDk81yXgUHz/FfP/MwT/8AouKuuBGTyK5LwKR5/ivn/mYJ/wD0XFTJOuwf71MIPnrz/Cf5in5HqKYSPPXkfdP8xQA/B/vVyHhgH/hYXjTn/lvaf+k611+R6iuR8MEf8LC8ac/8t7T/ANJ1oArTgf8AC/rHj/mWbn/0qgrt2A2niuGnc/8AC/bE+W3/ACLNzxkf8/UHvXbM7bT+6f8AMf40APAGOlIQNw4pA7Y/1T/mP8aQu24fum/Mf40ASYHpTEA3ycfxf0FG9v8Ank/5j/GmI7b5P3Tfe9R6D3oAkYDaeKdgelRs7bT+6f8AMf40u9v+eT/mP8aAFIG4cU7A9KjLtuH7p/zH+NLvb/nk/wCY/wAaAFUDaOKSUDYOP4l/mKRXbaP3TfmP8abK7bB+6b7y9x6j3oAmwPSmgDceKTe3/PJ/zH+NIHbcf3T/AJj/ABoAeQPSkUDaOKQu3/PJ/wAx/jSK7bR+6f8AMf40APIGRx3pcD0qMu2R+6fr6j/Gl3t/zyf8x/jQAIBvk4/i/oKVgNp4qNHbfJ+6b73qPQe9OZ22n90/5j/GgCTA9KaQNw4pN7f88n/Mf40hdtw/dP8AmP8AGgCTA9KaoHPHek3t/wA8n/Mf40iu3P7puvqP8aAFlA2Dj+Jf5in4HpUMrtsH7pvvL3HqPen72/55P+Y/xoAUAbjxSkD0pgdtx/dP+Y/xpS7f88n/ADH+NACqBtHFDAccd6arttH7p/zH+NDO3H7puvqP8aAJMD0rkHA/4XXDx/zL0n/pQldZvb/nk/5j/GuRdz/wuqE+W3/IvScZH/PwnvQB2DAbTx2pcD0qNnbaf3T9PUf40u9v+eT/AJj/ABoAUgbhxTsD0qMu24fun/Mf40u9v+eT/mP8aAFUDnjvSTAeQ/H8J/lSK7c/um6+o/xpszt5L/um+6e49PrQBNgelcV4uA/4WR4A4/5frz/0ilrst7f88n/Mf41xfi5z/wALI8Afu2/4/rzjI5/0KX3oA7YgelIoG0cUhdv+eT/mP8aRXbaP3T/mP8aAHMBxx3p2B6VGztx+6br6j/Gl3t/zyf8AMf40AQ3NnbXyy297bxXEEiANHKgZW5PUGsX/AIQbSI+LN9RsU/552mozxp+Ch8D8K3Q7ec37pvujuPU+9PLt/wA8n/Mf41EqcJ/Erm9LE1qKtTm0vJnPjwVZFR/xMtc/8G9x/wDF0HwXZAj/AImWuf8Ag3uP/i631dto/dP09R/jQztkfun6+o/xqPYUv5Ua/XsV/wA/H95g/wDCFWP/AEEtc/8ABvcf/F0g8F2Rz/xMtc6/9Be4/wDi66De3/PJ/wAx/jSK7c/um6+o/wAaPYUv5UH17Ff8/H95z8nguyWJ2Gpa5kKSP+Jvcf8AxdO/4Qqx/wCglrn/AIN7j/4utyZ28l/3TfdPcen1p+9v+eT/AJj/ABo9hS/lQfXsV/z8f3nP/wDCF2W7H9pa50/6C9x/8XS/8IVY/wDQS1z/AMG9x/8AF1vb23f6p+nqP8aXe3/PJ/zH+NHsKX8qD69iv+fj+859fBdkR/yEtc/8G9x/8XQ3guyA/wCQlrn/AIN7j/4ut9XbH+qfr6j/ABoZ22/6pvzH+NHsKX8qD69iv+fj+8wf+EKsf+glrn/g3uP/AIumjwXZeay/2lrmAoP/ACF7j3/266He3/PJ/wAx/jTA7ec37pvujuPU+9HsKX8qD69iv+fj+8w/+EKsv+glrn/g3uP/AIukHgqyKj/iZa5/4N7j/wCLroC7f88n/Mf40iu20fun6eo/xo9hS/lQfXsV/wA/H95gHwXZAj/iZa5/4N7j/wCLpf8AhCrH/oJa5/4N7j/4ut5nbI/dP19R/jS72/55P+Y/xo9hS/lQfXsV/wA/H95z48F2WT/xMtc/8G9x/wDF0v8AwhVj/wBBLXP/AAb3H/xdbwdtx/dN+Y/xpd7f88n/ADH+NHsKX8qD69iv+fj+856PwXZNEjHUtcyVBP8AxN7j/wCLpf8AhC7Ldj+0tc6f9Be4/wDi63YXbyU/dN90dx6fWnb23f6p+nqP8aPYUv5UH17Ff8/H95g/8IVY/wDQS1z/AMG9x/8AF0i+C7Ij/kJa5/4N7j/4uug3t/zyf8x/jSK7Y/1T9fUf40ewpfyoPr2K/wCfj+8wG8F2QH/IS1z/AMG9x/8AF0v/AAhVj/0Etc/8G9x/8XW8ztt/1TfmP8aXe3/PJ/zH+NHsKX8qD69iv+fj+854+C7LzVX+0tcwVJ/5C9x7f7dO/wCEKsf+glrn/g3uP/i63C7ecv7pvunuPUe9P3t/zyf8x/jR7Cl/Kg+vYr/n4/vOfHguyI/5CWuf+De4/wDi6D4LsgR/xMtc/wDBvcf/ABdb6u23/VP+Y/xoZ2yP3T9fUf40ewpfyoPr2K/5+P7zB/4Qqx/6CWuf+De4/wDi6QeC7LJ/4mWuf+De4/8Ai66De3/PJ/zH+NIHbcf3TfmP8aPYUv5UH17Ff8/H95hxeCNDSZZbq3m1CRDlWv7mS5APsHYj9K3IFAt4wAAAowAPal3t/wA8n/Mf40yF28lP3TfdHcen1rSMIw0irGNWvVrW9pJu3d3JCBuHFOwPSoy7bh+6f8x/jS72/wCeT/mP8aoxFAGTxXJeBQPP8V8f8zBP/wCi4q6sO2T+6f8AMf41yXgZz5/iv923/IwT9x/zzi96AOxwPSmEDz14/hP8xRvb/nk/5j/GmF285f3TfdPceo96AJsD0rkPDAH/AAsLxpx/y3tP/Sda6ze3/PJ/zH+Ncj4Yc/8ACwfGf7tv9fadx/z7r70AQz/8l+sf+xZuf/SqCu2b7priJ1H/AAv6x/7Fm57/APT1BXbMo2n/ABoAcOgpD94UBRj/AOvSFRuH+NADqYn35P8Ae/oKdtH+TTEUb5P9719hQA9vumlprKNp/wAaXaP8mgAP3xS00qNw/wAaXaP8mgAX7opsv3B/vL/MUqqNo/xpsqjYP95e/uKAJKQfeNG0f5NIFG4/40AOPSkX7ooKjH/16RVG0f40AKeo+tLTSoyPr60u0f5NADU+/J/vf0FOb7ppiKN8n+96+wpzKNp/xoAdSH74o2j/ACaQqNw/xoAdSL3+tG0f5NIqjn6+tACS/cH+8v8AMU+o5VGwf7y9/cU/aP8AJoAB940p6U0KNx/xpSox/wDXoAF+6KG7fWkVRtH+NDKOPr60AOrkH/5LZD/2L0n/AKUJXXbR/k1yDqP+F1w/9i9J3/6eEoA69vun6UtNZRtP09aXaP8AJoAD98UtNKjcP8aXaP8AJoAF7/Wmzf6iT/dP8qVVHP19abMo8h/909/agCSuK8Xf8lJ8Af8AX9ef+kUtdptH+TXFeLlH/CyPAH/X9ed/+nKWgDtj0pF+6KCox/8AXpFUbR/jQArdvrS01lHH19aXaP8AJoAaP9e3+6P5mnnpUYUee3+6O/uaeVH+TQAL90fShuo+tIqjaPp60FRkfX1oAdSL3+tG0f5NIqjn6+tACTf6iT/dP8qfUcyjyH/3T39qftH+TQAfxfhS03aN34etLtH+TQAL0/Ghvu0iqMfj60Mo2/8A16AHUwf69v8AdH8zTto/yaYFHnt/ujv7mgCQ9KRfuj6UFR/k0iqNo+nrQArdR9aWmlRkfX1pdo/yaAAfeNLTQo3H/Gl2j/JoAbD/AKiP/dH8qd/F+FMhUeQn+6O/tTto3fh60AOpF6fjRtH+TSKox+PrQArfdpaayjb/APXpdo/yaAGn/Xr/ALp/mKfUZUeev+6e/uKftH+TQAL92huo+tIqjb/9egqMj6+tADqQfeNG0f5NIFG4/wCNADqZD/qI/wDdH8qdtH+TTIVHkJ/ujv7UAPP3hS00qNw/xpdo/wAmgAH3jXI+Bf8AX+K/+xgn/wDRcVdaFGT/AI1yPgZR5/iv/sYJ+/8A0zioA7CmH/Xr/un+Yp20f5NMKjz1/wB09/cUASVyPhj/AJKF40/672n/AKTrXW7R/k1yPhhR/wALC8af9d7Tv/07rQBWnYf8L+sf+xZuf/SqCu2ZhtNcVP8A8l+sf+xZuf8A0qgrtm+6aAEDDFBYbhTh0FIfvCgA3CmIw3yf739BUlMT78n+9/QUAKzDaaXcKG+6aWgBhYbhTtwoP3xS0ANVhtFNlYbB/vL/ADFPX7opsv3B/vL/ADFADtwpAw3GnUg+8aAELChWG0U49KRfuigBCwyPrS7hQeo+tLQBGjDfJ/vf0FOZhtNIn35P97+gpzfdNABuFNLDcKfSH74oANwpFYc/WnUi9/rQAyVhsH+8v8xT9wpsv3B/vL/MU+gBoYbjQWFKPvGlPSgBqsNooZhx9aVfuihu31oANwrkHYf8Lrh/7F6T/wBKErsK5B/+S2Q/9i9J/wClCUAdazDafpS7hQ33T9KWgBhYbhTtwoP3xS0ANVhz9abMw8h/90/yp69/rTZv9RJ/un+VADtwrivFzD/hZHgD/r+vP/SKWu2rivF3/JSfAH/X9ef+kUtAHZlhQrDaKcelIv3RQAjMOPrS7hQ3b60tAEYYee3+6P5mnbhSD/Xt/uj+Zp56UANVhtH0pCwyPrTl+6PpQ3UfWgA3CkVhz9adSL3+tADJmHkP/un+VP3Cmzf6iT/dP8qfQA3cN34Uu4UfxfhS0AMVhj8aVmG2lXp+NDfdoANwpgYee3+6P5mpKYP9e3+6P5mgBdwoVhtH0px6Ui/dH0oAaWGR9aduFDdR9aWgBoYbjS7hQPvGloAjhYeQn+6P5U7cN34UkP8AqI/90fyp38X4UAG4U1WGPxp9IvT8aAEZhtpdwob7tLQBGWHnr/un+Yp+4U0/69f90/zFPoAarDFIWGR9acv3aG6j60AG4UgYbjTqQfeNABuFMhYeQn+6P5VJTIf9RH/uj+VAClhkUu4UH7wpaAGBhk1yXgVh5/iv/sYJ/wD0XFXXj7xrkfAv+v8AFf8A2ME//ouKgDrtwphYeev+6f5ipKYf9ev+6f5igB24VyHhhh/wsLxp/wBd7T/0nWuwrkfDH/JQvGn/AF3tP/SdaAKs+7/hf1j0/wCRZuf/AEqgrtm3bT0rip/+S/WP/Ys3P/pVBXbN900AIN2O1B3bh0pw6CkP3hQAfN7UxN2+Tp97+gqSmJ9+T/e/oKAFbdtPSl+b2ob7ppaAGnduHSl+b2oP3xS0ANXdtHSmy7tg6feX+Yp6/dFNl+4P95f5igB3ze1IN249KdSD7xoADu9qRd20dKcelIv3RQAh3ZHTrS/N7UHqPrS0ARpu3ydPvf0FObdtPSkT78n+9/QU5vumgA+b2pDu3DpTqQ/fFAB83tSLu56dadSL3+tADJd2wdPvL/MU/wCb2psv3B/vL/MU+gBo3bj0pTu9qB940p6UANXdtHSht3HTrSr90UN2+tAB83tXIPn/AIXXD0/5F6T/ANKErsK5B/8AktkP/YvSf+lCUAda27aenSl+b2ob7p+lLQA07tw6Uvze1B++KWgBq7uenWmzbvJfp90/yp69/rTZv9RJ/un+VADvm9q4rxdn/hZHgDp/x/Xn/pFLXbVxXi7/AJKT4A/6/rz/ANIpaAO0O72pF3bR0px6Ui/dFACNu46daX5vahu31qvqWoW+k6Xc394xWC2jMjkDJwB0A7n2pNpK7KjFykoxV2yLUNTs9IikutTuobWEBRvkbGTk4A9T7Csn/hMo5Rus9F1m6iP3ZUsiit7jeVP6VyUHiKCDUr3XNe0jUtRuLHH2u5giRrfR1I3GMBnDMyqQztGrnnHtW7d+OpLbXINLi8L6zdS3SSS2skEln5dxGhXLqWuAQPnUjcAeenWvNniqkn7i0O+UMPRfK1ztbu9l5pW1du9/kXx4ulAH/FN65/4Dp/8AF0HxbKcf8U3rn/gOn/xdZg+JGnn7bMdK1VdP0+7e0vtQaKMQ2zo+0lvn3svQllVgAeSMHFjVviBo+i6PrmpXy3Ah0S4FtMqIpaaQxpIBGM/NkSDrjoewzWf1iv8A18v8194vaUL29l+LLn/CXS/9C3rn/gOn/wAXSDxbKM/8U3rnX/n3T/4uobrxnbw6gLSz0rU9SMcUU109lEji0ST7pcFwzHAJ2xh2AGccjL9V8Wpp+qSadYaRqWs3cEInuI7BI/3CH7u4yOgJbBwqktwTjpk+s11uJVcO9qf4sdJ4tmaNlHhvXOQR/wAe6f8AxdO/4S6X/oW9c/8AAdP/AIus8/EC1ury3t9B0jUtc+0WCagsll5CKInZlXPnSxndlTxjI71f0rxhpus3GlRWInb+1LCS/gdkACxo0asrc5DZlHGCODz6v6xiP6+f+TB1KC/5dfi/66h/wl027P8AwjeudP8An3T/AOLpf+Eul/6FvXP/AAHT/wCLpdc8V2OgSXK3kVw5t9Om1F/KVTmOIgMBkj5vmGB09xVG38eWgn8vWtM1DQwbKS+je+8llkhj27yDDI+CAynBwTnjPNJYmu1df1/VmHtKH/Pr8X5f5ouDxbKP+Zb1z/wHT/4ug+LZSP8AkW9c/wDAdP8A4uobDxlFc6pb2V/pGpaSbuF5rWW+EOydUALY2SMVIUg4cKcZ9CKr2nj+0vBayppOqR2uobhpl1KkSx37BSyqn7zKF1UlfNCA+tH1iuCq4d7U/wAWX/8AhLpf+hb1z/wHT/4umjxbN5hb/hG9c5AH/Hunv/t+9V9F8ZS61rVzpq+GdYtGs5RFdTXD2uyBigcA7J2Y5DL90Hr9catzrlpaayunXBaNzZyXjStgRpGjKrZOeD8wPTGAeaTxVZdV/Woe0of8+vxZU/4S6X/oW9c/8B0/+LpB4ulAH/FN65/4Dp/8XVbw/wCPNL8SQ6bLp8N2qak9ykJmjCkeQ21iwzkZ7d/XFV9W+IVvpWn6pfLomq3tppM0sN7Nb/ZwIiiqxOHlUsCH4wCeDwOMv6xX5uXqHtMP/wA+vxZonxbKcf8AFN65/wCA6f8AxdL/AMJdL/0Leuf+A6f/ABdVZfGbQtaW7+HdWOp3e94tNVrZpjEgG6UsJvLVMso5cEkgAVHN8QtMS301raz1C7uNSuJbSK0hhUSpPECXicMwCkbWGSdvGc45o+sVw9rh7X9l+L/r/gal0eLZcn/im9c/8B0/+Lpf+Eul/wChb1z/AMB0/wDi6q/8JzYf2c8rWd6t+l2LE6UVj+0+eRuCff2HKfPu37dvOeDXP6Z8R7hNY8Tf2ppWrGy0y6iEv7mEDTYjDGWMh3jeAxdj5fmHAz0K5axFd3/rt/mg9ph/+fX4s6iPxbMsaqfDeucAD/j3T/4ul/4S6bdn/hG9c6f8+6f/ABdQ6h40trO/ntrPTdQ1UWcay3s1ikbJaqw3DdudSxK/NtjDtjHHK5ztZ8WJcx3U2ha5HYQ2GnR6hPczWQuYZoJt+xowHVvMHlHHb5sbWJG1fWK9r/oP2lD/AJ9fizY/4S6X/oW9c/8AAdP/AIukHi2Uf8y3rn/gOn/xdZ0HxAtLnSdKudM0vVdUn1Cy+3JaQRxCeOEYBd9zqgOSBtBJJzgHBx1C3cTWIu2LRQmPzSZkMZVcZ+YNgrgdQeRRLE1o7iVXDv8A5dfizIPi2Uj/AJFvXP8AwHT/AOLpf+Eul/6FvXP/AAHT/wCLpNB8Upr8q+VpGqWlvND59rdXMKiK5jzgMpVmK5BBCyBGIOQODifWfEEekXFtaxWV1qV9dB2hs7Py97KmN7kyMiADcvVhyQBmh4munZh7TD/8+/xZXPi2bzA3/CN65wCP+PdPb/b9qd/wl0v/AELeuf8AgOn/AMXVe08c6bdLYb4Lu2lvL2aweKdUDW00UbyOJCGIxtjPKlgcjtzVO++IP2HTrPUD4Y1uazvpIo7eeM2oDtK+yIbWnDDdlTyBgMM4OQH9YxF7f15ff0D2uH/59fizTHi6YD/kW9c/8B0/+LoPi2U4/wCKb1z/AMB0/wDi6RPF1pHLdRara3OlSWdgNQuRdmLEURZ15ZHYZ/dk8EjBHOcgZdp8SbXU4tKOkaDrF/LqlpLdxQRi3jeOOOQRtv8AMlUA7mHAJpLEV3t/W/8AkwdTDrel+L8v80a3/CXS/wDQt65/4Dp/8XSDxbLk/wDFN65/4Dp/8XTdK8Zadq8ulx20Vwr6lFcOiyKo8owMqSI+GOGDNjjI4PPTMEvjqwTzI7ezvru8F/Jp8VnAiGSeSMAuVywUIAc7nZR+JAJ9Zr3t/XYPaYdK7p/i/wCuhaHjaxhYf2raahpSHgS3tqyx/i65UfiRW9ayCa0ikhdHjZAVZTkEY6g1yr+LbXUdNMEaXen30t4NNeCeGN5LWdlLLvXcVZSuDlWIIPB9OY8K6+NE8R6paQ3y3lja3sdvqQt7TyLW2llyFeBd7kKGBWQE43EkdCK3o4mbdp7d/u/zQ/Z0a/u004y6K9099F1T0dlrd9j1U7tw6Uvze1B+8KWvQPPGjdk9K5HwLnz/ABX0/wCRgn/9FxV14+8a5HwL/r/Ff/YwT/8AouKgDrvm9qYd3nL0+6f5ipKYf9ev+6f5igB3ze1cj4Y3f8LC8adP9faf+k6119cj4Y/5KF40/wCu9p/6TrQBTnjH/C/bEZb/AJFm5/iP/P1BXbNEu08v/wB9n/GuKl2/8L2tWZp/O/sObYu1dnlebFu9/v7ffk9q7dm+U8H8qqUbW1IjLmvpawgiXHV/++z/AI0hiXcOW/77P+NPDcdD+VIW+YcH8qksTyl9X/77P+NMSJd8nLfe/vn0HvUu72P5UxG+eTg/e9PYUADRLtPL/wDfZ/xpfKX1f/vs/wCNKzfKeD+VLu9j+VADDEu4cv8A99n/ABpfKX1f/vs/40pb5hwfypd3sfyoAYsS7Ry3/fZ/xpssS7By33l/jPqPepFb5RwfypsrfIOD95e3uKAF8pfV/wDvs/40giXceX/77P8AjT93sfypA3zHg/lQAhiX1f8A77P+NIsS7Ry//fZ/xp5bjofypFb5RwfyoAaYlyOX6/3z/jS+Uvq//fZ/xpS3I4PX0pd3sfyoAiSJd8nLfe/vn0HvTmiXaeX/AO+z/jQjfPJwfvensKczfKeD+VACeUvq/wD32f8AGkMS7hy//fZ/xp+72P5Uhb5hwfyoATyl9X/77P8AjSLEvPLdf75/xp+72P5Uit14PX0oAjliXYOW+8v8Z9R70/yl9X/77P8AjSSt8g4P3l7e4p+72P5UAMES7jy//fZ/xpTEvq//AH2f8aUN8x4P5UpbjofyoAYsS7Ry/wD32f8AGhol45br/fP+NOVvlHB/Khm6cHr6UAJ5S+r/APfZ/wAa5F4x/wALqhGW/wCRek/iP/Pwldhu9j+Vc/rfg7RPEWrJe6pDdm5hg8pJba+ntjsLElT5TrkZGeaAN1ol2nl+n98/40vlL6v/AN9n/GuTPwz8NbTxrPT/AKD19/8AHqP+FZ+GvTWf/B9ff/HqAOrMS7hy/wD32f8AGl8pfV/++z/jXJf8Kz8NbhxrP/g+vv8A49S/8Kz8Nems/wDg+vv/AI9QB1axLzy3X++f8abNEvkvy33T/GfT61yo+GfhrnjWev8A0Hb7/wCPUkvw08NCFyBrP3T/AMx2+/8Aj1AHXeUvq/8A32f8a4vxdGB8SPAAy3N9efxH/nylqx/wrPw16az/AOD6+/8Aj1ch4n+H+gW/jvwlAh1sLdXMqqv9r3L5KwuzYZpdyfKDkqQeAOckVUY8ztcicuVXtf0PWzEvq/8A32f8aRYl2jl/++z/AI1yn/Cs/DXprP8A4Pr7/wCPUL8M/DW0caz/AOD6+/8Aj1SWZni/4pab4C8XWul+LLW5ttOvo/MtNUhZpEyOHR1HzAg4OVzww4HNaOvanpuv+H9Km0i+hv7C91O2jaWCbzEdQ4Yrwf8AZAIry74o/CO/8VeIdO0PwdY3kFnbqZb3U9U1K5miVm+6iCV2yQASSo7gEjmtrw/8HtK+GcGl3Nvf3l9qE+p2yTzOxjixuPSIHHXHLFj6EZrDEfwpeh2YH/eYPzOknsfEWlR+ItJ03RftyavPLPaX4niSGAzLhhOpYSfKRnKK+QR0PFXofDd1YeKfCzW0fm2OlaVcWcs5YDDHyQnGcnPlt0zjFddRXiqTW39aW/Uw639fx1Z5Tpo1rWvDvirw5aaQ7Qahq+oWyams8YigR5mDl1Zt+4ZbAVWByuSOSF1LwJrWoS+NRLaK9vKkr6NH5yZuJ5LOOAuecLtCFRuI/wBYxxwDXp9vaW1msi2lvFAJJGlcRIF3OxyzHHUk8k96mqvaNKy7W/L/ACLcvf5vO/4nD2tpr3hnWtQnsNDfVk1WO2dWS5iiW2mSIRMspY7tmFVgUVz975embU8Ws6D4u1PUbDRJdYttViiIFrPDG9vLGpXD+Yy5QgggqWIIPy9M9dRSc7u7RmlZWPIofA+paRrFo+oaNq2qxf2QsMz6FqotFFw08ssinNxCzJ+84zn6A1OfCerWjeF2vNE1O8g0/TLm1eHRNRSzkty8sTRIzLNDuARCDgkFhnng16tRVKtJfj+N/wDMbV3f+un+R5ZP4W8VXug3aXtvLNcTaDqFnAk90kkqGSRTBDI+fmcIAC+SMjlj1LI/C+vO3m+H9L1bRb2PSbi2a61nVVuizsq7FhPnTNF8wySNo4GQ3GPVqKPau39ef+Ydfnf8v8keSx+Cbu98Tadc2vhW50mCS3u7fUdQ1G+jurxmlg2KxfzZGeMYwAWzk/dA5q74e8JX0Vxolne6HqcTaXIjXF5ea/NcWj+UMK0EPnk5Y7SA8ahRnuAD6bRR7WX9X6Xt+ZPKrW/rXf8AI53w9pd5Y+JfFF3dQ+XBf3sUts24HzFFvGhOAcj5lI5x0rM8UeG9R13xvpoFuraJJYywajKZACV8yNxEF6kPswe23d3Irtay7nXY7bWYtMaw1KSaYrskis3eEqerGUDYmMHIYhvQHIzMZNSTW6/ysVLVO/8AXU4nS/A1/LJpcWq291bwQahqs8jWl+1u6rNMWiO6Jw2GBzgH6inXHgzU4fh1420WytppZtRuLhrFZ7vzXmVo0CkySOTyQfvnPFdxrWswaFYx3V1FNKklzDbBYVDNulkWNTyRwCwz7etGiaxDrum/bbaGeGPzpods6hWzHI0ZOATwSpI9sVanP4+m35MNmvW/5nK+K/DVzP4osNbisdS1GFbJrOe20vU2sp0+berhhLGHXOQVLDGQQDzjFez1Hw3qXhSS20ZmurnUL24lsPtzTzlGhPBmmkIaUKFzlgmQQDj5q9UqKW1t5riGeaCKSa3JMMjoC0ZIwSp7ZHHFQptLl/ruS4pr+u1vyOAuPDuuT6kvir+z2+2R6sl6mktLH5nkLbtbld4OzzMOz43beg3DqMi0m8Q6tfeP9NtvDzLJqtwkCu9xCRZF7SNSZxu5wpBxH5mTuHTBPrdQw2ltbzTzQW8UUtwweZ0QBpWACgsR1OABk9gKfPpZrpb8v8jRNrVbnms/gq80fWNTaDTdY1ePUBE8Eun65JYpE6QpEVmRZo/l+QNvUO2CRj5RmWw8B6lD4tghuLWBNCt9JsVYwyHbNc25l2RhXZn2BpA+WOcooyea9LoputNpp/12+4myWiPNPDeh6/4RtdFvhok2pTLocenXdnbzwLJBJG5dTud1Uqd7A4YkYXAPOO7urSfVvDc1peqlrcXdo0Uqxv5ixMyYIDEDcAT1wM+grQoqJy51Zod3zc39f1oc14UuNcjtLPS9U0FrFLG0WGW7a5iZJpFAUeUiEkoQCcuEI+UbTk4peNtJvtS1OwL6dqOr6KIJo7rT9OvxbM8jFNrOGkjEibQ6lS2Pm+6e3ZUU3NuXN1JUUlZbHkem/D/VZ7Wzsb3R49JtI/EV1eGKwnRY4beS1dUKhSMjeyqUxg85Uqeek1LTPEGr+DNItL2xX+0rLVrNrjy3jVJY4bhS0ygHABRd2zqM4xWzYeMLLUNaTTIrW8jmeS7jDyRqEzbuqOc7s4JcbeOR1xW/VurK8ZW2s18g5bNr1/G9ziNX8M6lq3xNS4lgX+wXsIPtMvmgGWSGaR0i2g5wS6sT0IXbzk1zFt4P1iym8Oy3+havdxWen3kE6aRqiWsscklwrplhPFuUqDwGIzjIz09eoqY1HG1un63/AMxy95tvy/C3+R5npPgW/lk8Oxanb3VpZWKah8lrqDQS2ySyxtDG8kLqzttB3EFgSCSWPzFNM8Jax4c1NNWstPnvls9UvSto94sk89tOIwJFklflwYwcO6kjdznAPptFHtJXv/WruD1S8v8Ag/5nmer+HvE98J9a07T0ttTvtWtpY7eaZCbSCOMxiSQhirMCzOVQnjABJq5H4Q/siDxZAtuU0yfSoYbeRpAzSMkcm9jznduYEk9Sc16BVDXSF8O6kTwBaSkn/gBqXN8rj/WyX6G1C6rQa3TX53JtHc3eh6dcys5kmto5GO88koCe9XvKX1f/AL7P+NcLo3w58PXGg6dNOuriWS2jd9ut3qDJQE4USgAewAAq9/wrPw16az/4Pr7/AOPV78fhRjXSVWSXdnViJcnl/wDvs/41yXgaMef4r5b/AJGCf+I/884qUfDPw1k8az/4Pr7/AOPVlfCS3jsbXxhaQGZobfxPdRx+bK8rBQkQALMSx+pJNUZHoXlL6v8A99n/ABphiXzl5b7p/jPqPepd3sfyphb9+vB+6e3uKAF8pfV/++z/AI1yPhiMH4g+M+W/19p/Ef8An3Wuw3ex/KuR8MH/AIuF404P+vtO3/TutAFef/kv1j/2LNz/AOlUFds33TXETg/8L+sef+ZZuf8A0qgrtmB2nmgBw6CkP3hSAHHWgg7hzQA6mJ9+T/e/oKdg/wB6mIDvk5/i/oKAHt900tNYHaeaXB/vUAB++KWmEHcOadg/3qABfuimy/cH+8v8xSqDtHNNlB2Dn+Jf5igCSkH3jRg/3qQA7jzQA49KRfuikIP96hQdo5oAU9R9aWmkHI570uD/AHqAGp9+T/e/oKc33TTEB3yc/wAX9BTmB2nmgB1IfvijB/vU0g7hzQA+kXv9aMH+9SKDzz3oASX7g/3l/mKfUcoOwc/xL/MU/B/vUAA+8aU9KaAdx5oIP96gBV+6KG7fWkUHaOaGB4570AOpg/17f7o/madg/wB6mAHz25/hH8zQA9vun6UtNYHaee1Lg/3qAA/fFLTCDuHNOwf71AAvf602b/USf7p/lSqDzz3pswPkPz/Cf5UASVxXi7/kpPgD/r+vP/SKWu0wf71cV4uB/wCFkeAOf+X68/8ASKWgDtj0pF+6KQg/3qFB2jmgBW7fWsrxPpcur+Hri2tGC3alZrZj0EsbB0/DcoH0NajA8c96XB/vVMoqScX1NKVSVKoqkd07mTourQ61pcV5CpjY5WWFvvQyDhkYdiDxV+sbUPDkp1WXUtBvf7Ov3VTMGj3w3OMgeYmRz23Ag/XpUX27xVB8k/h+0uWH/LS21ABW/B0BH05rxp4apB2tc7pUadV81GSt2bSa++yfqn6pG9RWD/aniU/8ysP/AAYx/wCFH9qeJB/zKw/8GMf+FZ+yqfyv7ifqlTvH/wADh/mb1FYP9qeJf+hWH/gxj/woGqeJD/zKw/8ABjH/AIUeyqfyv7g+qVO8f/A4f5m9XkPhdo5ZJIdZhUKkusvpJI3o0n2qTzGJIG2ULkKBn5N5Dcso9AbVfEiqWPhYYAyf+JjH/hVIw6i0McTeBbMxxTNPGhuocJI24s4G3hjubJ6ncfU1Sp1FFrlevl5P/Mf1Wp3j/wCBw/8Akji7W415rP4aLfadp8Fssim3lt755pHP2CXbuRoUC5HPDNzxz1pNPtNPi8BeGPEdiI/+ErvL60Se+HNzcTPKFuYZG5ZlC+YCh4UJ0G0Y7ndq220T/hCrbbZHNqPtkOICFK/J8vy/KSOMcEioYbS9t9Yl1aDwDYRalMNsl6lxAJnHHBcLuPQd+wrdublfke99n3vb59TOOCqKKV47W+OP+Zw0fh7RR4PttZGkWA1Q+LwDffZk88/8TYr/AKzG77vHXpxWppUm/wAWywatBGbT+1799OyokSS8BBUvkDY6qJNgG7OWOVIAPUj+1Psotx4ItfIWbzxF9rh2iXfv34243b/mz1zz1okGpyR7JfA9o6eeLna13CR5wORJjb9/PO7rmpftH9l9enfl/KxbwlR9Y/8AgcPPz8ziNPtNPi8BeGPEdiI/+ErvL60Se+HNzcTPKFuYZG5ZlC+YCh4UJ0G0Yydcln1fwp4hsLaUpZaVrd1c3xQ/6yVr0+VF06AZkPIPEfZjXpMNpe2+sS6tB4BsItSmG2S9S4gEzjjguF3HoO/YU4R6j5Fza/8ACC2fk3MhnuIvtUO2Zycl2G3DMSAcnnihc/Nzcj+7bbT5W0FLCVHBxvH/AMDj5+fmdRLFHMgWaNZFDBgHUEAg5B+oIBHuK4jXdA0fVvijolnquk2N7arpN9KsFzbJIgczW+W2sCM/M3PXk+tbn9qeJf8AoVh/4MY/8KiN1rj3aXbeD4TcxxtGkxvot6oxBZQ2MgEqpI74HpWcIVIyvyvr07pobwlRq14/+Bw7/wCI8/8ADlhYXVz4f0HVLaA6E91rRjsZEAt5Z470+UhT7rbUMhVCCPlzj5ci5Fa2V4t54XWKK50STxPHBZ2zx+ZEscUaTzRKCMeWro646KSV7ADqrm1vbvTW0678A2M9jJIZGtZbiBomcsWLFCuCSxLZx1OazLzwouoX9rcX3w9sLmKztTaW9nNPbPBCm4NlUKfKeMcdq199yu4v7vO9/wBPQUsHNp6x1/vx66fzedzmbuxh0ix8UWmg2FpbpD4v0z7PaoBBCGzaED5VO0EnkhT1Jwav39ppep+GdIjubSO5mufFEaatHd267pJ97hlkXkEAYC5JGzZjjFa+neF/7J1S5vNN8AWVqtwkCvbQ3FukIaJ2dJAoQfOC33v9lcYxWk1neNqy6q3gCwOoqxZbw3EHnAlQpIfbnO0AdegApvnslyvSz27KK/QUsHUd7Sjqn9uPW/n0v/VziNe0u00PWNftvDmmWNoq6loLxWsKC3iZzc99inbk4yQpPsakmgil8F614j1W3t4fGVvq8kUdxG2+e3lE4WCCNyA2xoygCgAOrklfnOe4f+1LmRp5fBFrI8rRyO73cJZmjO6MkleSp5B7HpUUlpeS61Hq8vgCwfU41wl61xAZlGMYEm3cOCR171MfaJWcXv5+X+QPB1LWvH/wOHn5+ZyOt2+qeHvBj6Dd6NdSW/8Ab8U8epxSwGApLqCyrlTIJAw37SAhGR1xzWZ4zmn1PQfiDpFlMY4bWe4vtQdDztFtH5UWe25xuP8AsxkfxV6Zc3OuXsPk3ng+G4i3K+yW+iZdykMpwR1BAIPYioCmpSRXkbeBrNo78k3am6hIuDt2nzBt+fgAc54GKUPaJ3cX93+H/Ip4So7e9He/xw8/PzOe1jwj4bu/iP4WN14f0qc3lneSXJkso289lWHDPlfmIycE+pp+la9qPhq31u6bSrOTRIdbmR5kvmW4XdKqfLCYtpwWHHmAkdBnAPSPca21xDcP4Ngaa3VlhlN7EWjDY3BTjIBwM464FZ39jH+2P7W/4VtpX9o+Z5v2zzLfzt/97ft3Z980lGd1eLtbs+9xfU6nIleN1/fj2fn5nYJaW8cokjgiWQbsOEAI3EFufcgE+uBUtYP9q+JNwX/hFhkjP/IRj/wo/tTxL/0Kw/8ABjH/AIVl7Kp/K/uH9Uqd4/8AgcP8zeorBGqeJD/zKw/8GMf+FH9qeJB/zKw/8GMf+FHsqn8r+4PqlTvH/wADh/mb1FYP9qeJf+hWH/gxj/wo/tTxJ/0Kw/8ABjH/AIUeyqfyv7g+qVO8f/A4f5m9XPeLJmvbePw7Ztm81XMb7TzFb/8ALWQ+23Kj1LCnmXxbffu4dPsNJU8Ge4uDcMPoigAn6tV7Q9Ag0pZLkzS3d/dBTcXk5BeTA4HHCqOyjgVtSws5v3lZFwUMLL2k5JyWyTvr0ba0su17vbzNVEWJI441Coo2qB2AFPppByOaXB/vV7J5m4D7xrgfhf8A6zxv/wBjXd/+gRV3gByea4L4Xg+b435/5mu7/wDQIqAPQKYf9ev+6f5inYP96mEHz15/hP8AMUASVyPhj/koXjT/AK72n/pOtdbg/wB6uQ8MA/8ACwvGnP8Ay3tP/SdaAK85H/C/rHn/AJlm5/8ASqCu2YjaeRXEzgf8L+seP+ZZuf8A0qgrt2A2nigABGOopCRuHIpQBjpSEDcOKAFyPUUxCN8nI+9/QVJgelMQDfJx/F/QUAKxG08ilyPUUjAbTxTsD0oAaSN45FLkeopCBuHFOwPSgBqkbRyKbKRsHI+8v8xTlA2jiklA2Dj+Jf5igB2R6ikBG48inYHpTQBuPFACkjHUUikbRyKUgelIoG0cUAKSMjkdaMj1FBAyOO9LgelAEaEb5OR97+gpzEbTyKRAN8nH8X9BSsBtPFAC5HqKQkbxyKdgelNIG4cUALkeopFI55HWnYHpTVA5470ANlI2DkfeX+Yp+R6imygbBx/Ev8xT8D0oAaCNx5FKSMdRSADceKUgelACKRtHIoYjjkdaFA2jihgOOO9AC5HqKYCPPbkfdH8zUmB6UwAee3H8I/maAHMRtPI6UZHqKGA2njtS4HpQA0kbxyKXI9RSEDcOKdgelADVI55HWmzEeQ/I+6f5U5QOeO9JMB5D8fwn+VADsj1FcV4uI/4WR4A5/wCX68/9Ipa7bA9K4rxcB/wsjwBx/wAv15/6RS0AdoSMdRSKRtHIpSB6UigbRxQAMRxyOtLkeopGA44707A9KAIwR57cj7o/maeSMdRTQB57cfwj+ZpxA9KABSNo5HSkYjI5HWlUDaOO1IwGRx3oAXI9RSKRzyOtOwPSmqBzx3oAbMR5D8j7p/lT8j1FNmA8h+P4T/Kn4HpQA3I3dR0pcj1FJgbunanYHpQA1SMdR1oYjb1FCgY6d6GA29KAFyPUUwEee3I+6P5mpMD0pgA89uP4R/M0AOJGOooUjaOR0oIHpQoG0cdqAEYjI5HWlyPUUjAZHHenYHpQA0EbjyKXI9RSADceKdgelAEcJHkJyPuj+VOyN3UdKSEDyE4/hH8qXA3dO1AC5HqKRSMdR1p2B6U1QMdO9AAxG3qKXI9RSMBt6U7A9KAIyR568j7p/mKfkeoppA89eP4T/MU/A9KAGqRt6ihiMjkdaFA29KGAyOO9AC5HqKQEbjyKdgelNAG48UALkeopkJHkJyPuj+VSYHpTIQPITj+EfyoAUkbhyKXI9RSEDcOKdgelADQRk8iuC+F5HmeN+f8Ama7v/wBAirvQBk8VwXwvH7zxv/2Nd3/6BFQB32R6imEjz15H3T/MVJgelMIHnrx/Cf5igB2R6iuR8MEf8LC8ac/8t7T/ANJ1rr8D0rkPDAH/AAsLxpx/y3tP/SdaAKk7n/hftifLb/kWbnjI/wCfqD3rtmdtp/dP+Y/xrjJ/+S/WP/Ys3P8A6VQV2zfdNADQ7Y/1T/mP8aQu24fum/Mf41IOgpD94UAN3t/zyf8AMf40xHbfJ+6b73qPQe9TUxPvyf739BQAjO20/un/ADH+NLvb/nk/5j/GnN900tAEZdtw/dP+Y/xpd7f88n/Mf404/fFLQBGrttH7pvzH+NNldtg/dN95e49R71Kv3RTZfuD/AHl/mKADe3/PJ/zH+NIHbcf3T/mP8akpB940ANLt/wA8n/Mf40iu20fun/Mf41IelIv3RQAwu2R+6fr6j/Gl3t/zyf8AMf4049R9aWgCFHbfJ+6b73qPQe9OZ22n90/5j/GlT78n+9/QU5vumgBu9v8Ank/5j/GkLtuH7p/zH+NSUh++KAG72/55P+Y/xpFduf3TdfUf41JSL3+tAEUrtsH7pvvL3HqPen72/wCeT/mP8aJfuD/eX+Yp9AEYdtx/dP8AmP8AGlLt/wA8n/Mf404feNKelAEau20fun/Mf40M7cfum6+o/wAaev3RQ3b60AN3t/zyf8x/jTA7ec37pvujuPU+9TUwf69v90fzNACM7bT+6fp6j/Gl3t/zyf8AMf405vun6UtAEZdtw/dP+Y/xpd7f88n/ADH+NOP3xS0ARq7c/um6+o/xpszt5L/um+6e49PrUq9/rTZv9RJ/un+VABvb/nk/5j/GuL8XOf8AhZHgD923/H9ecZHP+hS+9dvXFeLv+Sk+AP8Ar+vP/SKWgDsi7f8APJ/zH+NIrttH7p/zH+NSHpSL90UAMZ24/dN19R/jS72/55P+Y/xpzdvrS0AQh285v3TfdHcep96eXb/nk/5j/Ggf69v90fzNPPSgCNXbaP3T9PUf40M7ZH7p+vqP8aev3R9KG6j60AN3t/zyf8x/jSK7c/um6+o/xqSkXv8AWgCKZ28l/wB033T3Hp9afvb/AJ5P+Y/xom/1En+6f5U+gCPe27/VP09R/jS72/55P+Y/xp38X4UtAEau2P8AVP19R/jQztt/1TfmP8aevT8aG+7QA3e3/PJ/zH+NMDt5zfum+6O49T71NTB/r2/3R/M0ABdv+eT/AJj/ABpFdto/dP09R/jUh6Ui/dH0oAYztkfun6+o/wAaXe3/ADyf8x/jTm6j60tAEYdtx/dN+Y/xpd7f88n/ADH+NOH3jS0AQwu3kp+6b7o7j0+tO3tu/wBU/T1H+NLD/qI/90fyp38X4UAN3t/zyf8AMf40iu2P9U/X1H+NSUi9PxoAYztt/wBU35j/ABpd7f8APJ/zH+NOb7tLQBCXbzl/dN909x6j3p+9v+eT/mP8aD/r1/3T/MU+gCNXbb/qn/Mf40M7ZH7p+vqP8aev3aG6j60AN3t/zyf8x/jSB23H9035j/GpKQfeNADd7f8APJ/zH+NMhdvJT9033R3Hp9ampkP+oj/3R/KgBC7bh+6f8x/jS72/55P+Y/xpx+8KWgCMO2T+6f8AMf41wXwvYiTxv+7Y/wDFV3fpx8kXvXoA+8a4H4X/AOs8b/8AY13f/oEVAHeb2/55P+Y/xphdvOX9033T3HqPepqYf9ev+6f5igA3t/zyf8x/jXI+GHP/AAsHxn+7b/X2ncf8+6+9djXI+GP+SheNP+u9p/6TrQBVnH/F/rHk/wDIs3P/AKVQV2zD5Tya4mcj/hf1j/2LNz/6VQV2zEbTQAoHHU0hHzDk0oIxSEjcKAFx7mmIPnk5P3v6Cn5FMQjfJ/vf0FADmHynk0uPc0jEbTS5FACEfMOTS49zSEjcKXIoARR8o5NNlHyDk/eX+YpykbRTZSNg/wB5f5igB+Pc0gHzHk0uRSAjcaAFI46mkUfKOTSkjFIpG0UABHI5PWlx7mgkZH1oyKAGIPnk5P3v6CnMPlPJpqEb5P8Ae/oKcxG00ALj3NIR8w5NLkUhI3CgBce5pFHXk9aXIpFI5+tADZR8g5P3l/mKfj3NMlI2D/eX+Yp+RQAgHzHk0pHHU0gI3GlJGKAEUfKOTQw6cnrQpG0UMRx9aAFx7mmAfv25P3R/M0/IpgI89v8AdH8zQA5h8p5PSlx7mhiNp+lGRQAhHzDk0uPc0hI3ClyKAEUdeT1psw/cPyfun+VOUjn602YjyH/3T/KgB+Pc1xXi4f8AFyPAHJ/4/rz/ANIpa7XIrivFxH/CyPAH/X9ef+kUtAHakcdTSKPlHJpSRikUjaKABh05PWlx7mkYjj60uRQAwD9+3J+6P5mnke5pgI89v90fzNPJFACKPlHJ6UEcjk9aVSNo+lIxGR9aAFx7mkUdeT1pcikUjn60ANmH7h+T90/yp+Pc0yYjyH/3T/Kn5FACY+bqelLj3NJkbvwpcigBFHHU9aGHy9TQpGPxoYjbQAuPc0wD9+3J+6P5mn5FMBHnt/uj+ZoAeR7mkUfKOT0pSRQpG0fSgBCORyetKRjqxrI17Xf7KEFvaQG81K7Yra2qtjeR1Zj/AAoO5/qa5PxNd+HvD1qL34ma2LyaQbksVYrAvssQPzDtufOfbpWUqiWiO6hg3USlJ2T2SV2/NLTRd20t97M7YatponMZ1K18zONvnrn8s1dAyMhiRXgn/C9PhUJTb/8ACNr9nzj/AJB8XT6dP1rtfDF94a8R2xvPhrrf9n3KDc1kSWhb2eEnAH+0mMevaoVV32/T8zolgafK2pNW66SS9eVtr7mehwj9wnJ+6P5U7HzdT0rH8Pa7/acUlpewfY9TtAouLYnPBHDof4kbsfwPIrYyN34VvGSkro82rSnSm4TWv9fh2Fx7mkUcdT1pcikUjH40zMGHy9TS49zSMRtpcigBhH79eT90/wAxT8e5phI89f8AdP8AMU/IoARR8vU0Ecjk9aFI20MRkfWgBce5pAPmPJpcikBG40ALj3NMhH7hOT90fyp+RTISPIT/AHR/KgBxHzDk0uPc0hI3ClyKAEA5PJrgvheP3njfk/8AI13f/oEVd6CMmuC+F5HmeN/+xru//QIqAO+x7mmEfv15P3T/ADFPyKYSPPX/AHT/ADFAD8e5rkfDA/4uF405P+vtP/Sda67IrkfDBH/CwvGn/Xe0/wDSdaAK8/8AyX6x/wCxZuf/AEqgrtm+6a4ifd/wv6x6f8izc/8ApVBXbNu2npQA4dBSH7wpBux2oO7cOlADqYn35P8Ae/oKd83tTE3b5On3v6CgB7fdNLTW3bT0pfm9qAA/fFLTTu3DpS/N7UAC/dFNl+4P95f5ilXdtHSmy7tg6feX+YoAkpB940fN7Ug3bj0oAcelIv3RQd3tSLu2jpQAp6j60tNO7I6daX5vagBqffk/3v6CnN900xN2+Tp97+gpzbtp6UAOpD98UfN7Uh3bh0oAdSL3+tHze1Iu7np1oASX7g/3l/mKfUcu7YOn3l/mKf8AN7UAA+8aU9KaN249KU7vagAX7oobt9aRd20dKG3cdOtADqYP9e3+6P5mnfN7UwbvObp90fzNAD2+6fpS01t209OlL83tQAH74paad24dKX5vagAXv9abN/qJP90/ypV3c9OtNm3eS/T7p/lQBJXFeLv+Sk+AP+v68/8ASKWu0+b2rivF2f8AhZHgDp/x/Xn/AKRS0AdselIv3RQd3tSLu2jpQArdvrS01t3HTrS/N7UANH+vb/dH8zTz0qMbvObp90fzNPO72oAF+6PpQ3UfWkXdtHTpQd2R060AOpF7/Wj5vakXdz060AJN/qJP90/yp9RzbvJfp90/yrE8d7v+Fd+Iun/ILuf/AEU1D0RUI80lHub38X4Uteaadqhsn17Wtasbd/EWmW0YgticrDbsgEflSnnY7hyz7UOQQV+QE3tV8W6/4X8y31z+z76VWtJVnsLKZcxyXCwyJ5O92ZwDlSrHJONvHzO3vKPciL5lc7xen40N92vOL/4lXBmmt9MgliMmoJaQSXGi3kkka/Z/NdmtgFlfkYGNo5znA52NF8VanqEmkwXtoIXuZLmKZ5LOe2MgjAKyJHLh0DZ6NnHIBOMmb6XG9DsKYP8AXt/uj+ZrK8M6tc6zpMt1dLEjpe3VuBGCBtineNTyTzhBn3z0rUG7zm6fdH8zVNWB6OxIelIv3R9KDu9qad/lHbjdt4pAcFc+IYdF8Pa949vgHJLw2SseBDGxRAPQM4LnHYj0r408UeJ9S8Wa7canqtw80kzlgGPCj0r6U+KCTP8Asyab9mzhEh87HoEYNn/gVfKdc1FX1f8AV9z2swk6acI7NtfKLtFfK1/Nu7CtXw54i1HwvrVvqWlXEkE0LhvkbGayqK6GlJWZ5NOpOlNTg7NH2/ZeI4dd8G6F48sQI5bbbHeKv8ULMFlU+wOJB9PevQZJEiVpJXVERSzMxwFA6kmvCfhCskf7NOtm64R0uvL3DrmFQMfjiuN+NPhz4uTo0+tzvqmgou4R6UpWKJRzmSIfNkYyWbcB/erGk3d/13X6HpY+MVCLS2bS8k1GVvk5M+ldB8UaN4nW7fw/fR38NpN5Es8IJi34BKq+NrYBHKkjkVqr0/GvDvgqfF1z8KtM/wCEQv8AwvFYxmRJI7mxnaZZdxLeYVmALHIPQfKV4HSu8W3+KGONS8I9f+gdc/8Ax6tzyTtW+7S1xLW/xQ286l4R/wDBdc//AB6l+z/FD/oJeEf/AAXXX/x+gDsj/r1/3T/MU+uINv8AE/zl/wCJl4RztP8AzD7n2/6bU77P8UP+gl4R/wDBddf/AB+gDtF+7Q3UfWuLW3+KGONS8I/+C65/+PUht/ihkf8AEy8I9f8AoHXP/wAeoA7akH3jXF/Z/ih/0EvCP/guuv8A4/SC3+KG4/8AEy8I/wDguuf/AI9QB21Mh/1Ef+6P5Vxv2f4of9BLwj/4Lrr/AOP02K3+J/kpjUvCONoxnT7n/wCPUAdsfvClrijb/FDI/wCJl4R/8F1z/wDHqPs/xQ/6CXhH/wAF11/8foA7QfeNcD8L/wDWeN/+xru//QIqsi3+KGT/AMTLwj/4Lrn/AOPVa8CeGNT8M2OsHWru0urzVNVl1GRrSNkjUyKgKgMSeqnuetAHWUw/69f90/zFO+b2ph3ecvT7p/mKAJK5Hwx/yULxp/13tP8A0nWut+b2rkfDG7/hYXjTp/r7T/0nWgCvP/yX6x/7Fm5/9KoK7ZvumuGnjH/C/bEZb/kWbn+I/wDP1BXbNEu08v8A99n/ABoAkHQUh+8KaIlx1f8A77P+NIYl3Dlv++z/AI0ASUxPvyf739BR5S+r/wDfZ/xpiRLvk5b7398+g96AJW+6aWo2iXaeX/77P+NL5S+r/wDfZ/xoAcfvilqMxLuHL/8AfZ/xpfKX1f8A77P+NADl+6KbL9wf7y/zFIsS7Ry3/fZ/xpssS7By33l/jPqPegCakH3jTfKX1f8A77P+NIIl3Hl/++z/AI0ASHpSL90U0xL6v/32f8aRYl2jl/8Avs/40APPUfWlqMxLkcv1/vn/ABpfKX1f/vs/40ACffk/3v6CnN901EkS75OW+9/fPoPenNEu08v/AN9n/GgCSkP3xTfKX1f/AL7P+NIYl3Dl/wDvs/40ASUi9/rTfKX1f/vs/wCNIsS88t1/vn/GgBZfuD/eX+Yp9QyxLsHLfeX+M+o96f5S+r/99n/GgBw+8aU9KjES7jy//fZ/xpTEvq//AH2f8aAHL90UN2+tMWJdo5f/AL7P+NDRLxy3X++f8aAJKYP9e3+6P5mjyl9X/wC+z/jTBEvnNy33R/GfU+9AErfdP0pajaJdp5fp/fP+NL5S+r/99n/GgBx++KWozEu4cv8A99n/ABpfKX1f/vs/40AOXv8AWmzf6iT/AHT/ACpFiXnluv8AfP8AjTZol8l+W+6f4z6fWgCauK8Xf8lJ8Af9f15/6RS12XlL6v8A99n/ABri/F0YHxI8ADLc315/Ef8AnyloA7c9KRfuimmJfV/++z/jSLEu0cv/AN9n/GgB7dvrS1G0S8ct1/vn/Gl8pfV/++z/AI0AA/17f7o/maeelQiJfOblvuj+M+p96eYl9X/77P8AjQA5fuj6UN1H1pixLtHL9P75/wAaGiXI5fr/AHz/AI0ASUi9/rTfKX1f/vs/40ixLzy3X++f8aAFm/1En+6f5VHf2NvqenXNjfR+bbXUTQzJuI3IwwRkcjg9qWaJfJflvun+M+n1p/lL6v8A99n/ABoGm07oz7rw9pV7eCe7s0lf7I9m24na8LEZRlzhhx3BxzjGTVS18FaFaQuiW08xeWGVpbq8mnlJhcPGPMkdm2qwyFztyTxyc7XlLu6v0/vn/Gl8pfV/++z/AI002thGVe+F9J1MXBureTfcTJO0sVxJFIsirsVkdGDIdvGVIyCQepqvceCtEmsba38q8iFq7SRy2+o3EMxZ+GZpUcO5PcsxzW4sS46v1/vn/Ghol29W/wC+z/jU2QXZi+FPDp8M2+oWcUrvZy3r3FqklzJO0aOqlgzSEtkyeY3U/ez3rbH+vb/dH8zR5S+r/wDfZ/xpgiXzm5b7o/jPqfeqvcRMelIv3R9KaYl9X/77P+NIsS7Ry/T++f8AGkM4iXRbW+tda8C6rhLe88y5sGPOYnbcQPeOQnj0K18eeNvA+reCNfn0/VLZ0RGPly4yrr2IPf8Az7ivujW9At9Zto0eSW3uIX8y2uonPmQP/eXP5EHgjg1zmrQrc2X9n/EDw82p2ycLf2UbzIeOWKL+8jPrjI965mnTf9f0rdz24yhi4We+7S3vs2k7c3NpdXvfVaHwrXQ+DfBereNdeg07SbZ5PMb55MYVF7kntX0t/wAK9+DRujKVAOf9Rh8/Tbt3V2WkQQ2dmbD4e+HG0+Bxg395G8EYHYhW/eSH0BAHvQ6rlovw1FHAKk+eaf8A28uWPzbf4LV7JkVvodrp2i6H4D0vDIix3F+y/wAMKsGOfTe4CgemfSu+/i/CsnQdBt9IsjiWW4urjElzdSMd8z46nHQDoAOAK0/KXd1fp/fP+Na048quzixddVZcsXdK7v3b3f5JeSRXstJ0/TZrmXT7OG1e7k824MKBPNf++wHVj3PU4HpVten403yl9X/77P8AjSLEuOr9f75/xrQ4h7fdpajaJdvVv++z/jS+Uvq//fZ/xoAD/r1/3T/MU+oTEvnLy33T/GfUe9P8pfV/++z/AI0AOX7tDdR9aYsS7er/APfZ/wAaGiXI5fr/AHz/AI0ASUg+8ab5S+r/APfZ/wAaQRLuPLf99n/GgCSmQ/6iP/dH8qPKX1f/AL7P+NMhiXyU5b7o/jPp9aAJT94UtRmJdw5f/vs/40vlL6v/AN9n/GgBw+8aG+7TBEuTy/8A32f8aGiXb1b/AL7P+NAElMP+vX/dP8xR5S+r/wDfZ/xphiXzl5b7p/jPqPegCauR8Mf8lC8af9d7T/0nWur8pfV/++z/AI1yPhiMH4g+M+W/19p/Ef8An3WgCCc/8X+seD/yLNz2/wCnqCu2ZvlPB/KuKn/5L9Y/9izc/wDpVBXbN900AAbjofypC3zDg/lTh0FIfvCgA3ex/KmI3zycH73p7CpKYn35P97+goAVm+U8H8qXd7H8qG+6aWgBpb5hwfypd3sfyoP3xS0ANVvlHB/Kmyt8g4P3l7e4p6/dFNl+4P8AeX+YoAdu9j+VIG+Y8H8qdSD7xoAC3HQ/lSK3yjg/lTj0pF+6KAELcjg9fSl3ex/Kg9R9aWgCNG+eTg/e9PYU5m+U8H8qRPvyf739BTm+6aADd7H8qQt8w4P5U6kP3xQAbvY/lSK3Xg9fSnUi9/rQAyVvkHB+8vb3FP3ex/Kmy/cH+8v8xT6AGhvmPB/KlLcdD+VA+8aU9KAGq3yjg/lQzdOD19KVfuihu31oAN3sfypgb9+3B+6O3uakpg/17f7o/maAFZvlPB6elLu9j+VDfdP0paAGlvmHB/Kl3ex/Kg/fFLQA1W68Hr6U2Zv3D8H7p7e1PXv9abN/qJP90/yoAdu9j+VcV4uP/FyPAHX/AI/rzt/05S121cV4u/5KT4A/6/rz/wBIpaAO0LcdD+VIrfKOD+VOPSkX7ooARm6cHr6Uu72P5UN2+tLQBGG/ftwfujt7mnlvY/lTR/r2/wB0fzNPPSgBqt8o4PT0oLcjg9fSlX7o+lDdR9aADd7H8qRW68Hr6U6kXv8AWgBkzfuH4P3T29qfu9j+VNm/1En+6f5U+gBu75uh6elLu9j+VH8X4UtADVbjoevpQzfL0P5Uq9Pxob7tABu9j+VMDfv24P3R29zUlMH+vb/dH8zQA4t7H8qRW+UcHp6U49KRfuj6UAIW5HB6+lLu9j+VDdR9aWgBob5jwfypd3sfyoH3jS0ARwt+4Tg/dHb2p275uh6elJD/AKiP/dH8qd/F+FABu9j+VIrcdD19KdSL0/GgBGb5eh/Kl3ex/Khvu0tAEZb9+vB+6e3uKfu9j+VNP+vX/dP8xT6AGq3y9D+VBbkcHr6Uq/dobqPrQAbvY/lSBvmPB/KnUg+8aADd7H8qZC37hOD90dvapKZD/qI/90fyoAUt8w4P5Uu72P5UH7wpaAGhuTwfyoZvl6H8qUfeNDfdoAN3sfyphb9+vB+6e3uKkph/16/7p/mKAHbvY/lXI+GD/wAXC8acH/X2nb/p3WuvrkfDH/JQvGn/AF3tP/SdaAKs+f8Ahf1jz/zLNz/6VQV2zbtp5FcTOR/wv6x5/wCZZuf/AEqgrtmI2nkUAA3Y6ig7tw5FKCMdRSEjcORQAvzeopibt8nI+9/QU/I9RTEI3ycj739BQA5t208il+b1FIxG08ilyPUUANO7cORTvm9RSEjeORS5HqKAEXdtHIpsu7YOR95f5inKRtHIpspGwcj7y/zFAD/m9RSDduPIpcj1FICNx5FAAd3qKF3bRyKUkY6ikUjaORQAHdkcjrS/N6igkZHI60ZHqKAGJu3ycj739BTm3bTyKahG+Tkfe/oKcxG08igBfm9RTTu3DkU7I9RSEjeORQAvzeopF3c8jrS5HqKRSOeR1oAbLu2DkfeX+Yp/zeopkpGwcj7y/wAxT8j1FACDduPIoO71FAI3HkUpIx1FACLu2jkUNu45HWhSNo5FDEccjrQAvzeopg3ee3I+6P5mn5HqKYCPPbkfdH8zQA5t208jpS/N6ihiNp5HSjI9RQA07tw5FO+b1FISN45FLkeooARd3PI602bd5D8j7p/lTlI55HWmzEeQ/I+6f5UAP+b1FcV4uz/wsjwB/wBf15/6RS12uR6iuK8XEf8ACyPAHP8Ay/Xn/pFLQB2h3eooXdtHIpSRjqKRSNo5FAA27jkdaX5vUUjEccjrS5HqKAGDd57cj7o/mad83qKaCPPbkfdH8zTyRjqKAEXdtHI6Uh3ZHI605SNo5HSkYjI5HWgBfm9RSLu55HWlyPUUikc8jrQA2bd5D8j7p/lT/m9RTJiPIfkfdP8AKn5HqKAE+bd1HSl+b1FJkbuo6UuR6igBq7sdR1pW3beooUjHUdaGI29RQAvzeopg3ee3I+6P5mn5HqKYCPPbkfdH8zQA75vUULu2jkdKUkY6ihSNo5HSgBp3ZHI6075vUUjEZHI60uR6igBBu3HkUvzeopARuPIpcj1FADId3kJyPuj+VO+bd1HSmwkeQnI+6P5U7I3dR0oAX5vUU1d2Oo607I9RSKRjqOtAA27b1FL83qKRiNvUUuR6igBh3eevI+6f5in/ADeophI89eR90/zFPyPUUAIu7HUUh3ZHI60qkbeooYjI5HWgBfm9RSDduPIpcj1FICNx5FAC/N6imQ7vITkfdH8qfkeopkJHkJyPuj+VADjuyORS/N6ikJG4cilyPUUANG7J5FK27b1FAIyeRQxG3qKAF+b1FMO7z15H3T/MU/I9RTCR568j7p/mKAH/ADeorkPDGf8AhYXjTn/lvaf+k611+R6iuR8MEf8ACwvGnP8Ay3tP/SdaAK04H/C/rHj/AJlm5/8ASqCu3YDaeK8317X9N8P/ABps9S1y5TT7JdBmtTcXLBE81p4nVdxOMlVY/gfStg/FnwIVP/FVaV/4GR/402mtxKSlszsABjpSEDcOK5AfFnwJj/katK/8DI/8aD8WfAm4f8VVpX/gZH/jSGdjgelMQDfJx/F/QVyX/C2fAn/Q1aV/4GR/40xPix4EDPnxVpXLf8/kfoPegDsWA2ninYHpXHN8WfAhU/8AFVaV/wCBkf8AjS/8LZ8Cf9DVpX/gZH/jQB1xA3DinYHpXGn4s+BNw/4qrSv/AAMj/wAad/wtnwJ/0NWlf+Bkf+NAHXKBtHFJKBsHH8S/zFco3xS8FwRxNP4jsIllTfG0k6qHX1BJ5FRSfFjwIVGPFWlfeH/L5H6/Wm007MUZKSumdngelNAG48VyP/C2fAn/AENWlf8AgZH/AI0n/C2fAm4/8VVpX/gZH/jSGdgQPSkUDaOK5D/hbPgT/oatK/8AAyP/ABoX4s+BAo/4qrSv/AyP/GgDsCBkcd6XA9K44/FnwJx/xVWlf+Bkf+NL/wALZ8Cf9DVpX/gZH/jQB1qAb5OP4v6ClYDaeK45Pix4EDPnxVpXLf8AP5H6D3px+LHgVhhfFGlsx4AW6Qkn2ANG4N21Z2OB6U0gbhxXKTfFPwTbTvDc+JNOhlQ4aOW5RGU/QnNRH4s+BNw/4qrSv/AyP/Gm007MSaaujssD0pqgc8d65H/hbPgT/oatK/8AAyP/ABpB8WfAgz/xVWldf+fyP/GkM66UDYOP4l/mKfgelcZJ8WPAhUY8VaV94f8AL5H6/Wn/APC2fAn/AENWlf8AgZH/AI0AdcANx4pSB6Vx/wDwtnwJuP8AxVWlf+Bkf+NH/C2fAn/Q1aV/4GR/40AdeoG0cUMBxx3rkF+LPgQKP+Kq0r/wMj/xqSH4o+C7uZIbTxHp9xKx4jhuFdjgZPAJNNJt2QnJRV2dbgelMAHntx/CP5muRHxZ8CEf8jTpY9jdxj+tNHxY8Cecx/4SrSsbR/y+R+/vSGdkwG08dqXA9K44/FnwJtP/ABVWldP+fyP/ABpf+Fs+BP8AoatK/wDAyP8AxoA64gbhxTsD0rjT8WfAm4f8VVpX/gZH/jTv+Fs+BP8AoatK/wDAyP8AxoA65QOeO9JMB5D8fwn+VciPiz4EGf8AiqtK6/8AP5H/AI02X4seBGhcDxVpWSp/5fI/8aAOzwPSuK8XAf8ACyPAHH/L9ef+kUtS/wDC2fAn/Q1aV/4GR/41zHiLx/4W1Hxr4R1Gx1uyuLPS7u4kvZ4p1ZLdXtZUQuQeAWIGT600m9EKUlFXbPViB6UigbRxXIf8LZ8Cf9DVpX/gZH/jQvxZ8CBR/wAVVpX/AIGR/wCNIZ17Accd6dgelccfiz4E4/4qrSuv/P5H/jS/8LZ8Cf8AQ1aV/wCBkf8AjQB1oA89uP4R/M04gelcaPix4E85j/wlWlY2j/l8j9/enf8AC2fAn/Q1aV/4GR/40AdgoG0cdqRgMjjvXID4s+BNo/4qrSun/P5H/jSH4s+BMj/iqtK6/wDP5H/jQB2WB6U1QOeO9cj/AMLZ8Cf9DVpX/gZH/jSD4s+BBn/iqtK6/wDP5H/jQB10wHkPx/Cf5U/A9K4yX4seBGhcDxVpWSp/5fI/8af/AMLZ8Cf9DVpX/gZH/jQB12Bu6dqdgelcd/wtnwJu/wCRq0rp/wA/kf8AjS/8LZ8Cf9DVpX/gZH/jQB1ygY6d6GA29K49fiz4EA/5GrSuv/P5H/jSt8WfAhX/AJGrSv8AwMj/AMaAOxwPSmADz24/hH8zXJf8LZ8Cf9DVpX/gZH/jTB8WPAnnMf8AhKtKxtH/AC+R+/vQB2RA9KFA2jjtXH/8LZ8Cf9DVpX/gZH/jQPiz4E2j/iqtK6f8/kf+NAHXsBkcd6dgelcafiz4EyP+Kq0rr/z+R/407/hbPgT/AKGrSv8AwMj/AMaAOuAG48U7A9K44fFnwJuP/FVaV/4GR/40v/C2fAn/AENWlf8AgZH/AI0AdbCB5Ccfwj+VLgbunauOi+LHgRYUB8VaVkKP+XyP/Gnf8LZ8Cbv+Rq0rp/z+R/40AdjgelNUDHTvXI/8LZ8Cf9DVpX/gZH/jTV+LPgQD/katK6/8/kf+NAHYMBt6U7A9K45viz4EK/8AI1aV/wCBkf8AjS/8LZ8Cf9DVpX/gZH/jQB1pA89eP4T/ADFPwPSuMPxY8Cecp/4SrSsbT/y+R+3vT/8AhbPgT/oatK/8DI/8aAOuUDb0oYDI471yC/FnwIB/yNWlf+Bkf+NIfiz4EyP+Kq0rr/z+R/40AdlgelNAG48VyP8AwtnwJ/0NWlf+Bkf+NIPiz4E3H/iqtK/8DI/8aAOxwPSmQgeQnH8I/lXJf8LZ8Cf9DVpX/gZH/jTIvix4EWFAfFWlZCj/AJfI/wDGgDsSBuHFOwPSuOPxZ8CZH/FVaV/4GR/40v8AwtnwJ/0NWlf+Bkf+NAHXADJ4oYDb0rjx8WfAmT/xVWlf+Bkf+NK3xZ8CFf8AkatK/wDAyP8AxoA7HA9KYQPPXj+E/wAxXJf8LZ8Cf9DVpX/gZH/jTD8WPAnnKf8AhKtKxtP/AC+R+3vQB2eB6VyHhgD/AIWF404/5b2n/pOtJ/wtnwJ/0NWlf+Bkf+NUvAetWGueMPGGoaNcxX1pJcWoSa3kV1JEAB5B9RQB2EmlWM96bme1jkm4O9xntjHPb26Z5609tNsdp/0O3/79L/hRRTbb3EoqOyFGm2OP+PO3/wC/S/4Uh02x3D/Q7f8A79L/AIUUUhi/2bY/8+dv/wB+l/wpiabY75P9Dt/vf88l9B7UUUAObTbHaf8AQ7f/AL9L/hS/2bY/8+dv/wB+l/woooAQ6bY7h/odv/36X/Cl/s2x/wCfO3/79L/hRRQBBb6JpkAzHYwg4wcrnPPfPU+/WpJdNsdg/wBDt/vL/wAsl9R7UUU223dijFRVkrD/AOzbH/nzt/8Av0v+FINNsdx/0O3/AO/S/wCFFFIYp02x/wCfO3/79L/hSLptjtH+h2//AH6X/CiigAOm2OR/odv1/wCeS/4Uv9m2P/Pnb/8Afpf8KKKAGJptjvk/0O3+9/zyX0HtRNpVhLCyPZwbWGDiMA/mKKKNgaurMItH06EMI7GABm3EeWCAfb0+gpx02x3D/Q7f/v0v+FFFNtt3YkklZC/2bY/8+dv/AN+l/wAKRdNsef8AQ7fr/wA8l/woopDGy6bY7B/odv8AeX/lkvqPan/2bY/8+dv/AN+l/wAKKKAEGm2O4/6Hb/8Afpf8KU6bY/8APnb/APfpf8KKKAEXTbHaP9Dt/wDv0v8AhUc+j6dOqiWxt2AbOPLA7Ec+vWiimm07oTSasx8elWEcaotnBtUADMYJ/M8mkGm2PnN/odv90f8ALJfU+1FFIew5tNsdp/0O36f88l/wpf7Nsf8Anzt/+/S/4UUUAIdNsdw/0O3/AO/S/wCFL/Ztj/z52/8A36X/AAoooARdNsef9Dt+v/PJf8KbNptj5L/6Hb/dP/LJfT6UUUAP/s2x/wCfO3/79L/hUEmiaZJcrK9jAXUDB2DjBzwP856Hiiimm1sJxUlZonOm2P8Az52//fpf8KRdNsdo/wBDt/8Av0v+FFFIYNptjx/odv1/55L/AIUv9m2P/Pnb/wDfpf8ACiigBg02x85v9Dt/uj/lkvqfannTbH/nzt/+/S/4UUUAIum2O0f6Hb9P+eS/4UNptjkf6Hb9f+eS/wCFFFAC/wBm2P8Az52//fpf8KRdNsef9Dt+v/PJf8KKKAGzabY+S/8Aodv90/8ALJfT6U/+zbH/AJ87f/v0v+FFFACf2bY7v+PO36f88l/wpf7Nsf8Anzt/+/S/4UUUAIum2OP+PO36/wDPJf8AChtNsdv/AB52/wD36X/CiigBf7Nsf+fO3/79L/hTBptj5zf6Hb/dH/LJfU+1FFADzptj/wA+dv8A9+l/wpF02x2j/Q7fp/zyX/CiigAbTbHI/wBDt+v/ADyX/Cl/s2x/587f/v0v+FFFACDTbHcf9Dt/+/S/4Uv9m2P/AD52/wD36X/CiigBkOm2Pkp/odv90f8ALJfT6U7+zbHd/wAedv0/55L/AIUUUAL/AGbY/wDPnb/9+l/wpF02xx/x52/X/nkv+FFFAA2m2O3/AI87f/v0v+FL/Ztj/wA+dv8A9+l/woooAYdNsfOX/Q7f7p/5ZL6j2p/9m2P/AD52/wD36X/CiigBF02x2/8AHnb/APfpf8KG02xyP9Dt+v8AzyX/AAoooAX+zbH/AJ87f/v0v+FINNsdx/0O3/79L/hRRQAv9m2P/Pnb/wDfpf8ACmQ6bY+Sn+h2/wB0f8sl9PpRRQA46bY7h/odv/36X/Cl/s2x/wCfO3/79L/hRRQAg02xyf8AQ7f/AL9L/hQ2m2O3/jzt/wDv0v8AhRRQAv8AZtj/AM+dv/36X/CmHTbHzl/0O3+6f+WS+o9qKKAH/wBm2P8Az52//fpf8Kfb20Fup8iGOLd12IBn8qKKAP/Z)Для более полного понимания бизнес-процессов, происходящих в информационной системе, построим диаграммы активностей(деятельности) [4, с. 280]. Диаграммы активностей описывают взаимодействие актора и системы, демонстрируя его действия на каждом этапе. Диаграммы представлены на рисунках 1.2 – 1.5.

*Рис.1.2. Диаграмма активностей, запуск информационной системы*

*Рис.1.3. Диаграмма активностей, настройка информационной системы*

*![Изображение выглядит как текст, карта

Автоматически созданное описание](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RD8RXhpZgAATU0AKgAAAAgABAE7AAIAAAAYAAAISodpAAQAAAABAAAIYpydAAEAAAAaAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAANCo0LDQsdGD0YDQvtCyINCY0LvRjNGPAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM3NAAAkpIAAgAAAAM3NAAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMDowNToyMCAwMTo0MToyNwAyMDIwOjA1OjIwIDAxOjQxOjI3AAAAKAQwBDEEQwRABD4EMgQgABgEOwRMBE8EAAD/4QsqaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLwA8P3hwYWNrZXQgYmVnaW49J++7vycgaWQ9J1c1TTBNcENlaGlIenJlU3pOVGN6a2M5ZCc/Pg0KPHg6eG1wbWV0YSB4bWxuczp4PSJhZG9iZTpuczptZXRhLyI+PHJkZjpSREYgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyIvPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0ZURhdGU+MjAyMC0wNS0yMFQwMTo0MToyNy43Mzc8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIj48ZGM6Y3JlYXRvcj48cmRmOlNlcSB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6bGk+0KjQsNCx0YPRgNC+0LIg0JjQu9GM0Y88L3JkZjpsaT48L3JkZjpTZXE+DQoJCQk8L2RjOmNyZWF0b3I+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICA8P3hwYWNrZXQgZW5kPSd3Jz8+/9sAQwAHBQUGBQQHBgUGCAcHCAoRCwoJCQoVDxAMERgVGhkYFRgXGx4nIRsdJR0XGCIuIiUoKSssKxogLzMvKjInKisq/9sAQwEHCAgKCQoUCwsUKhwYHCoqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioq/8AAEQgC7gKDAwEiAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A9+1vXLbQbWG4vY53WWYQolvEZXZ2BwAq8npWYfHFrj/kDeIP/BPcf/E0eMiC2gY/6DNv/wCzVb1TWJLO/kiN5YWUMaIxkvAcMWLcA7lH8BppXE3YqDxva4/5A3iD/wAE9x/8TTV8bWwZydG8Qctkf8Se49B/s1e0jWHvr8wfbLG9iMRkWazB2ghgMZ3NnrW1QF7nMnxva5H/ABJvEH/gnuP/AImg+N7XH/IG8Qf+Ce4/+JrpqKQzmR43tQB/xJvEH/gnuP8A4mgeN7Xcf+JN4g/8E9x/8TXTUUAcvJ42tmUAaN4g+8D/AMge49f92nf8Jxa/9AbxB/4J7j/4mumooA5keN7UAf8AEm8Qf+Ce4/8AiaB43tdxP9jeIP8AwT3H/wATXTUUAcyfG9qcf8SbxB1/6A9x/wDE0v8AwnFr/wBAbxB/4J7j/wCIrpaKAOXj8bWyqQdG8QfeJ/5A9x6/7tO/4Te13Z/sbxB0/wCgPcf/ABNdNWDqnjTRdI1r+yLp76W/8gXBgs9NubpljLFQx8qNsDII5oArnxvanH/Em8Qdf+gPcf8AxNL/AMJxa/8AQG8Qf+Ce4/8AiK1NC17TvEukpqWjTtPayO6B3ieI7lYqwKuAwIII5HatGgDmV8b2oH/IG8Qf+Ce4/wDiaafG1t5qt/Y3iDAUj/kD3Ht/s11FFAHMnxvalT/xJvEH/gnuP/iaX/hOLX/oDeIP/BPcf/EV0tFAHMjxvajP/Em8Qdf+gPcf/E0f8Jva7s/2N4g6f9Ae4/8Aia6aigDl5PG1s0TqNG8QZKkD/iT3H/xNP/4Ti1/6A3iD/wAE9x/8RXS0UAcyPG9rz/xJvEHX/oD3H/xNB8b2u4f8SbxB/wCCe4/+JrpqKAOZPji1x/yBvEH/AIJ7j/4mgeN7XH/IG8Qf+Ce4/wDia6aigDl18bWwZydG8Qctkf8AEnuPQf7NOPje1yP+JN4g/wDBPcf/ABNdNRQBzJ8b2uP+QN4g/wDBPcf/ABNA8b2oA/4k3iD/AME9x/8AE101FAHMjxva7j/xJvEH/gnuP/iabJ42tmUAaN4g+8D/AMge49f92uoooA5n/hOLX/oDeIP/AAT3H/xNA8b2oA/4k3iD/wAE9x/8TXTUUAcyPG9ruJ/sbxB/4J7j/wCJoPje1OP+JN4g6/8AQHuP/ia6aigDmv8AhOLX/oDeIP8AwT3H/wARVSw+Imm3sc/2bS9dkEM8kL7NKmba6tyDhTgj0PNdhXEeELprLQ/FV0gDNDrl+4B6HD0AaP8Awm9ruz/Y3iDp/wBAe4/+JoPje1OP+JN4g6/9Ae4/+Jok1+WOR4v7b0VrhCQYAp3kjquPNzmugs5zc2ME7AAyxq5A7ZGadhJ3MD/hOLX/AKA3iD/wT3H/AMRSL43tQP8AkDeIP/BPcf8AxNdNRSGcufG1t5qt/Y3iDAUj/kD3Ht/s04+N7Uqf+JN4g/8ABPcf/E101FAHNf8ACcWv/QG8Qf8AgnuP/iKQeN7UZ/4k3iDr/wBAe4/+JrpqKAOZ/wCE3td2f7G8QdP+gPcf/E02TxtbNE6jRvEGSpA/4k9x/wDE11FFAHNf8Jxa/wDQG8Qf+Ce4/wDiKQeN7Xn/AIk3iDr/ANAe4/8Aia6aigDmT43tdw/4k3iD/wAE9x/8TQfHFrj/AJA3iD/wT3H/AMTXTUUAcyPHFrj/AJA3iD/wT3H/AMTTV8bWwZydG8Qctkf8Se49B/s10ss0dvC808ixRRqWd3YBVA5JJPQVhaZ458P6vqFvZWd5Ks12jSWn2izmgS7VRkmF5EVZRgg/ITxz05o3dgIT43tcj/iTeIP/AAT3H/xNB8b2uP8AkDeIP/BPcf8AxNdNRQBzI8b2oA/4k3iD/wAE9x/8TQPG9ruP/Em8Qf8AgnuP/ia6aigDmv8AhOLX/oDeIP8AwT3H/wARSf8ACcWv/QG8Qf8AgnuP/ia6aigDmR43tQB/xJvEH/gnuP8A4mgeN7XcT/Y3iD/wT3H/AMTXTUUAcyfG9qcf8SbxB1/6A9x/8TS/8Jxa/wDQG8Qf+Ce4/wDiK6WigDl4/G1sqkHRvEH3if8AkD3Hr/u07/hN7XP/ACBvEH/gnuP/AImumooA5k+N7U4/4k3iDr/0B7j/AOJpf+E4tf8AoDeIP/BPcf8AxFdLRQBzK+N7UD/kDeIP/BPcf/E00+NrbzVb+xvEGApH/IHuPb/ZrqKKAOZPje1Kn/iTeIP/AAT3H/xNL/wnFr/0BvEH/gnuP/iK6WigDmR43tf+gN4g/wDBPcf/ABNH/Cb2u7P9jeIOn/QHuP8A4mumooA5eTxtbNE6jRvEGSpA/wCJPcf/ABNbul6nb6xpFnqdgTJa3sCXELkbSyOoZTg8jgjirdc18OWH/CrPCn/YGs//AEQlAG+xO48UUOw3HmigDA8Zfe0D/sM2/wD7NTtf0C61O8aSGKxuIZEQNHeDIVl3YIG0j+M1T8f3cGmWmi3l/c+Xbw6xbtI7jhR83PAqx/wsjwj/ANBy3/75b/CmnYRJ4d8PXOk3rzTR2UMZiKLFaDC5JBJxtHpXR1zH/CyPCP8A0HLf/vlv8KP+FkeEP+g5b/8AfLf4UN3BKx09Fcx/wsjwj/0HLf8A75b/AAo/4WR4R/6Dlv8A98t/hSGdPRXMf8LI8I/9By3/AO+W/wAKP+FkeEP+g5b/APfLf4UAdPRXMf8ACyPCH/Qct/8Avlv8KP8AhZHhH/oOW/8A3y3+FAHT0VzH/CyPCP8A0HLf/vlv8KP+FkeEf+g5b/8AfLf4UAdPRXMf8LI8If8AQct/++W/wo/4WR4R/wCg5b/98t/hQB09cJb/APJwV9/2LcP/AKUPWp/wsjwh/wBBy3/75b/Cj/hZHhH/AKDlv/3y3+FC0afr+TX6g9Yten4NP9Dy7w1fpbaT4ette1SfSPDU15qzXF1FevZq1yty3lRvOhUqNpkIXcAxXvjFXNEv9R8TeJPC+j6lq+pPCE1OaRINQltZprRZAtpNL5TIxyuNrH73XnJr0X/hZHhH/oOW/wD3y3+FH/CyPCP/AEHLf/vlv8KSVlb+v6Q5au55To3jXVtL0z4dXl3rMLC5ttR+0trWsPbQzlXAQySlX3MP4cg/hWx4q8eWGt+BI9Xn1a70DUDbXTWdtFqUkFvcNHJsMsUyqv2hhjckZID7uVAO4d9/wsjwh/0HLf8A75b/AAo/4WR4Q/6Dlv8A98t/hTeu4KydzzfVfEN80fiC4vda1Oz8UQ/Zz4e00zvA1wpjQqRaA7Zi0hkV8q+3BGV25rK8Y+I7+38W+L0m15rG5tHs2tY18QTQzQ5iRnFvZAiO4JOflYqCTjvXrv8Awsjwj/0HLf8A75b/AAo/4WR4R/6Dlv8A98t/hTvrf+un9MlaL+v6seW6h4uvZ/iZbNb61d2UsfiSKwn0y4u5fNa3KBS5gBWKOEll2lkdmZgfMHAres7TULLxT8QRo17rF3daNbQtpNtPqt1cIsklsWI8t5Cr5bkBgcHGMV2n/CyPCP8A0HLf/vlv8KP+FkeEP+g5b/8AfLf4Uvscq/rb/Jv5lJ2lf+t2/wDgHkdr4r1G28D+IroeJoVX/hHQzldbubqaK/YHYQ8kSLBK3zAwq2QVGF71f8QTan4c/wCEmtrLV9YjMfgxLwCfVLiZorgyEM6mR2KtxjjFem/8LI8If9By3/75b/Cj/hZHhH/oOW//AHy3+FEtb/10f+f4IlK34fmn+n4syvA/xBbxHrA0Z49NuWi09bk3uk6p9uiU7guyVvLTZIeoHOQG9K7yuY/4WR4R/wCg5b/98t/hR/wsjwj/ANBy3/75b/Cm3cErHT0VzH/CyPCP/Qct/wDvlv8ACj/hZHhH/oOW/wD3y3+FIZ09Fcx/wsjwh/0HLf8A75b/AAo/4WR4R/6Dlv8A98t/hQB09Fcx/wALI8I/9By3/wC+W/wo/wCFkeEf+g5b/wDfLf4UAdPRXMf8LI8If9By3/75b/Cj/hZHhD/oOW//AHy3+FAHT0VzH/CyPCP/AEHLf/vlv8KP+FkeEf8AoOW//fLf4UAdPRXMf8LI8I/9By3/AO+W/wAKP+FkeEP+g5b/APfLf4UAdPXEeELVr7Q/FVqjBWm1y/QMegJetD/hZHhH/oOW/wD3y3+Fcv4G8e+F7SDXRcaxBGZdcvJUyG5VnyD07igDZm8IahNcvcGz0VJnYsZlQ78nqd2zOfeuws4DbWMEDEExRqhI74GK57/hZHhH/oOW/wD3y3+FH/CyPCP/AEHLf/vlv8KbdxWOnormP+FkeEf+g5b/APfLf4Uf8LI8If8AQct/++W/wpDOnormP+FkeEP+g5b/APfLf4Uf8LI8I/8AQct/++W/woA6eiuY/wCFkeEf+g5b/wDfLf4Uf8LI8I/9By3/AO+W/wAKAOnormP+FkeEP+g5b/8AfLf4Uf8ACyPCH/Qct/8Avlv8KAOnormP+FkeEf8AoOW//fLf4Uf8LI8I/wDQct/++W/woA6eiuY/4WR4R/6Dlv8A98t/hR/wsjwj/wBBy3/75b/CgCP4n6Xf6z8M9bsNJjaa6lgBWFD80yhgzRj3ZQV/GpdO8d+GtXeCw0bVYrq7mgZxb2ys724VefOCj9yRnGJNpzx14pP+FkeEf+g5b/8AfLf4Uf8ACyPCH/Qct/8Avlv8KT1TQ77Hj3w/8UeMdX1fwbc3F9dtZSWuoW8MM9w7G/miTcZZOTuG5gi5yRsJ4zXZeApNL8QWNlDqHijW7jxDc2Ttq+nR6lOvkyh1L71U5tSrfKoUx5GRhhXX/wDCyPCP/Qct/wDvlv8ACj/hZHhH/oOW/wD3y3+FU3f+vX/P8Beh5fZ3ms2fwZ0/V7TUdSnmvNYMGqXV5q9xiK0S4lTPmEuYFwEVpEXIHJ9RDf6v4nl8NaRLo2utcBNdu5bI2OoXE63EMEDy/Z2nkRDcJvjZd2GBGBk4r1b/AIWR4R/6Dlv/AN8t/hR/wsjwh/0HLf8A75b/AAova7/rp/l+L7sbs3t/Wv8An+CPHl8ca1cTeJ9aub7Uk07VYrGaxg+2tbJY28tzJCrs+G8pWWMMzKA2H4IOGHoXwe1S6v7DxBb3OsHV4bLVmitbnfI6tEYo2BVpXdyhLEgl2yDwcYrf/wCFkeEf+g5b/wDfLf4Uf8LI8I/9By3/AO+W/wAKUbR0/rdfl+rE9dX/AFodPRXMf8LI8I/9By3/AO+W/wAKP+FkeEf+g5b/APfLf4UAdPRXMf8ACyPCH/Qct/8Avlv8KP8AhZHhH/oOW/8A3y3+FAHT0VzH/CyPCH/Qct/++W/wo/4WR4R/6Dlv/wB8t/hQB09Fcx/wsjwj/wBBy3/75b/Cj/hZHhH/AKDlv/3y3+FAHT0VzH/CyPCH/Qct/wDvlv8ACj/hZHhD/oOW/wD3y3+FAHT0VzH/AAsjwj/0HLf/AL5b/Cj/AIWR4R/6Dlv/AN8t/hQB09Fcx/wsjwj/ANBy3/75b/Cj/hZHhD/oOW//AHy3+FAHT1zfw4/5JZ4U/wCwLZ/+iEpn/CyPCH/Qct/++W/wo+HKMfhb4V/eMP8AiTWfGB/zwT2oA6JvvGimMjbj+8b8h/hRQBg+Mid2gcf8xm3/APZq6Qk4PFc34yI3aBz/AMxm3/8AZq6UkYPNACAnaPlpqE75OP4v6CngjaOaYhG+Tn+L+goAcSdw+Wgk4PFBI3DmlJGDzQAik7Rx2oBO48UqkbRz2pARuPNADZSdg4/iX+Yp5Jx92mSkbBz/ABL/ADFPJGOtACKTtHy9qATuPFKpG0c9qQEbjzQAMTxx3pcn+7SMRxz3p2R60ARxE7Dx/E38zTsnf93tTYiNh5/ib+Zp2Ru69qABieOO9Lk/3aRiOOe9OyPWgBqk7elNJPnrx/Cf5inKRt600keevP8AC38xQA5idp+Wlyf7tYniDxl4d8MhRrur21kzj5UdssffaMnHvV/Sta03XLJbvSL6C8gb+OFwwHsfQ+xqeaN7XNXRqqHtHF2720+8tqTzx3oyd/TtQpHPPejI39e1UZDZifIk4/hP8qfk/wB2mTEeRJz/AAn+VSZHrQA1Sefl70EncvFAI5570EjcvNAAScHigE7R8tKSMHmgEbRzQAxCd8nH8X9BTiTuHy01CN8nP8X9BTiRuHNAAScHihSdo47UpIweaFI2jntQAgJ3Himyk7Bx/Ev8xTgRuPNNlI2Dn+Jf5igB5Jx92kUnaPl7UpIx1oUjaOe1ACAnceKGJ4470AjceaGI4570ALk/3a4j4Zk48W8f8zPe/wDsldxketcP8MyMeLef+Znvf/ZKAO2yd/3e1DE8cd6Mjd17UMRxz3oAXJ/u0ik7elOyPWmqRt60ANJPnrx/Cf5inMTtPy00keevP8LfzFOYjaeaAFyf7tIpPPHenZHrTVI5570AGTv6dqbMT5EnH8J/lTsjf17U2YjyJOf4T/KgB+T/AHaRSefl707I9aaCOee9AASdy8UEnB4oJG5eaUkYPNACAnA+WmoTvk4/i/oKeCMDmmIRvk5/i/oKAHEncPloJODxQSNw5pSRg80AIpO0cdqATuPFKpG0c9qQEbjzQAuT/doJOPu0uR60hIx1oARSdo+XtQCdx4pVI2jntSAjceaABieOO9Lk/wB2kYjjnvTsj1oAjiJ2Hj+Jv5mnZO4/L2psRGw8/wATfzNPyNx57UAIxPHHelyf7tIxHHPenZHrQA1SdvSmknz14/hP8xTlI29aaSPPXn+Fv5igBzE7T8tLk/3aRiNp5p2R60ANBOOnejJ39O1KCMde9Jkb+vagBsxPkScfwn+Vc98OSf8AhVnhTj/mDWf/AKISuhmI8iTn+E/yrnvhwR/wqzwpz/zBrP8A9EJQBvsTuPy/rRQ5+Y0UAc/4yA3aBwP+Qzb/APs1dKVGDwPyrmvGQ+bQOf8AmM2//s1dKRweaAAKNo4H5UxFG+Tgfe9PYU8D5RzTEHzyc/xf0FADio3DgflSlRg8D8qQg7hzSkcHmgBFUbRwOnpQFG48D8qVR8o57UgHzHmgBsqjYOB95e3uKeVGOg/KmSj5Bz/Ev8xTyDjrQAiqNo4HT0oAG48ClUfKOe1IB8x5oAgv7u206xlvLxxHBApeR9pO0DqcDmla7tk1COyZgLiWJpUTaeVUqGOenVl/Os7xdp8+q+ENTsLRWkmubZ40VX2EkjHDZGPrkVy+veCJbaSZ9Egv9Rjm0+SCaO91Wa53ZlhJVRPLjJRX4JCMQA5waP8Ag/kC1dvQ72JRsPA+83b3NO2jd0HT0rzDQPBGu2Oi3R0mUaTLG9zHb2+oWdvKHglSIldls8ccbCRDyvH3iQ2d1Q2/hPWbfxpZasdFufPszFunhNntlhFuEKCR2M2/ccbQY4sDOCclz/gfj/kGtr+v4f5nqrAccDrS7R6D8q8vi8AzWWk2r6doNta3M2mKupxwrDG92/nQu8MjKcOzosqZJK/Mctg5rq/BWlSaZZ3+3Sf7Ds57rzLTTN8Z+zpsVT8sZaNNzhm2oSOcnkkBpaa/1rYP6/C//AOkVRt6D8qaQPPXgfdb+Ypyj5etNI/frz/C38xSA/P7xvrOoa94y1K91Z2a4e4fKtn5eegHYe1elfsyazqFt8Sf7LhZmsru3k85Dyq7VLA+xyOvufWvWPH/AOzvonjDXJdXsL6TS7mY7p0SMMkjeo9K6X4afCPRvhtbyvZyveX842yXcihTt9AOcVgovlUbbHqTqU/aTrc91JPTW+q0W1tNOvTQ7xQOeB1o2jf0HT0oUdee9GPn69q3PLGzKPIk4H3T29qftHoPypkw/cSc/wAJ/lT8e9ACBRzwOvpQQNy8CgA8896CPmXmgBSoweB+VAUbRwPyoI4PNAHyjmgBiKN8nA+96ewpxUbhwPypqD55Of4v6CnEHcOaAFKjB4H5UiqNo4HT0pSODzQo+Uc9qAECjceB+VNlUbBwPvL29xTgPmPNNlHyDn+Jf5igB5UY6D8qRVG0cDp6UpBx1oUfKOe1ACADceBQyjjgdfSgD5jzQw6c96AF2j0H5VxHwzAx4t4H/Iz3v/sldvj3riPhmOPFvP8AzM97/wCyUAdttG7oOnpQwHHA60YO7r2oYdOe9AC7R6D8qRVG3oPypce9Io+XrQA0qPPXgfdPb3FOZRtPA/Kmkfv15/hb+YpzA7TzQAu0eg/KkUDngdaXHvSKOvPegA2jf0HT0psyjyJOB909vanY+fr2psw/cSc/wn+VAD9o9B+VIFHPA6+lLj3pADzz3oACBuXgUpUYPA/KkI+ZeaUjg80AAUYHA/KmIo3ycD73p7CngcDmmIPnk5/i/oKAHFRuHA/KlKjB4H5UhB3DmlI4PNACKo2jgdPSgKNx4H5Uqj5Rz2pAPmPNAC7R6D8qCox0H5UY96CDjrQAiqNo4HT0oAG48ClUfKOe1IB8x5oAGUccDr6Uu0eg/KkYdOe9Lj3oAZEo2Hgfebt7mnbRuPA6elNiHyHn+Jv5mn4+Y89qAEYDjgdaXaPQflSMOnPelx70AIqjb0H5U0qPPXgfdPb3FOUfL1ppH79ef4W/mKAHMo2ngflS7R6D8qRgdp5pce9ACBRjoOvpRtG/oOnpSgcde9Jj5+vagBsyjyJOB909vaue+HAH/CrPCnA/5A1n/wCiEroZh+4k5/hP8q574cD/AItZ4U5/5g1n/wCiEoA32A3Hiihh8x5ooA53xk7btA/dsP8Aic2/cf7XvXSF2wf3T/mP8a57xkfm0D/sM2//ALNXSE8GgBgdsD90/wCY/wAaajtvk/dP971HoPepQflFNQ/PJ/vf0FACF23D90/5j/Ggu2D+6f8AMf408n5hQTwaAGK7bR+6fp6j/GgO24/un/Mf409T8o+lAPzGgCKV22D90/3l7j1HvTzI2P8AVP8AmP8AGiU/IP8AeX+YpxPFADFdto/dP09R/jQHbcf3T/mP8aep+UfSkB+Y0ANZ24/dP19R/jS+Y3/PJ/zH+NOY9PrS5oAhidth/dP95u49T707e27/AFT9PUf40sR+Q/7zfzNOz8/4UAMZ24/dP19R/jS+Y3/PJ/zH+NKx6fWnZoAjV22/6p/zH+NNLt56/un+6e49R71Kp+Wmk/v1/wB1v5igDmPiM7HwBqP7thzF3H/PVPeun8xv+eT/AJj/ABrwn9oyy17QbWLxT4av7iC1udtpqtsh3ROQQYpShyM5G3d1+6K9E+FWh6rpPgqC78T3dxea7qn+l3sly5ZkLD5Yhn7oVcDaOAS2KAOxV25/dP19R/jRvbd/qn6eo/xpynr9aXPz/hQBFM7eQ/7p/unuPT60/wAxv+eT/mP8aJj+4k/3T/Kn5oAjDtz+6fr6j/Ggu25f3T/mP8aep6/WkJ+ZaAGl2wf3T/mP8aA7YH7p/wAx/jTyeDQD8ooAiR23yfun+96j0HvTi7bh+6f8x/jSofnk/wB7+gpxPzCgBhdsH90/5j/GhXbaP3T9PUf408ng0KflH0oAYHbcf3T/AJj/ABpsrtsH7p/vL3HqPepQfmNNlPyD/eX+YoADI2P9U/5j/GkV22j90/T1H+NPJ4oU/KPpQAwO24/un/Mf40M7cfun6+o/xpwPzGlY9PrQA3zG/wCeT/mP8a4j4aOQPFv7tj/xU173H+x713Wa4j4Znjxd/wBjPe/+yUAdnvbd/qn6eo/xoZ24/dP19R/jT8/P+FIx6fWgBPMb/nk/5j/GkV22/wCqf8x/jUmaRT8tAERdvPX90/3T3HqPenM7bT+6f8x/jSk/v1/3W/mKcx+U0AN8xv8Ank/5j/GkV25/dP19R/jUmaap6/WgBu9t3+qfp6j/ABpszt5D/un+6e49PrUufn/CmzH9xJ/un+VAB5jf88n/ADH+NIHbn90/X1H+NSZpFPX60AMLtuX90/5j/Ggu2D+6f8x/jTifmWlJ4NADA7YH7p/zH+NNR23yfun+96j0HvUoPApqH55P97+goAQu24fun/Mf40F2wf3T/mP8aeT8woJ4NADFdto/dP09R/jQHbcf3T/mP8aep+UfSgH5jQA3zG/55P8AmP8AGgyNj/VP+Y/xp+aQnigBiu20fun6eo/xoDtuP7p/zH+NPU/KPpSA/MaAGs7cfun6+o/xpfMb/nk/5j/GnMen1pc0AQxO2w/un+83cep96dvbcf3T9PUf40sR+Q/7zfzNOz8x+lADGduP3T9fUf40vmN/zyf8x/jSsen1p2aAI1dtv+qf8x/jTS7eev7p/unuPUe9SqflppP79f8Adb+YoARnbaf3T/mP8aXzG/55P+Y/xpzH5TS5oAjDtj/VP19R/jRvbd/qn6eo/wAaeDx+NGfn/CgCKZ28h/3T/dPcen1rnvhy7D4W+Ff3bH/iTWfOR/zwT3rpJj+4k/3T/Kud+HB/4tZ4U/7Atn/6ISgDdZ23H9235j/GinMfmNFAHP8AjIDdoHA/5DNv/wCzV0pUYPA/Kua8ZA7tA5/5jNv2/wB6ukIbB+b9KAFCjaOB+VMRRvk4H3vT2FOAbA+b9KagO+T5v4vT2FADio3DgflSlRg8D8qQg5HzfpQQ2D836UACqNo4HT0oCjceB+VChto+bt6UAHcfm/SgBsqjYOB95e3uKeVGOg/KmSg7B838S9vcU4hsfe/SgAVRtHA6elUNX1WHR7TzpInmlkdYoIIxl5pD0UfkTnoACT0q+obaPm7elc+y/a/HsnmncunWKNGOweZ3DH67YgM/7R9awr1HTpuS3OnDwjKTc9oq7/RfNtIaul6tqKiXV9VktNwz9k07CInsZCCzH3G0e1O/4RpP+gtq/wD4GtW1RXjOpNu7bNvrVX7Oi8kl/X5mKPDMY6atq/8A4GtR/wAI0n/QW1f/AMDWraopc0u4fWq38xi/8I0n/QW1f/wNaj/hGk/6C2r/APga1bVFHNLuH1qt/MYv/CNJ/wBBbV//AANaj/hGY85/tbV8/wDX61bVFHNLuH1qt/Mc9e+DLLUbR7XUL3Urq3fBaKa6Lq2CCMg8cEA/hU//AAjSf9BbV/8AwNatqijml3D61W/mMX/hGk/6C2r/APga1H/CNJ/0FtX/APA1q2qKOaXcPrVb+YxT4ZjIIOrauQf+n1qP+EaT/oLav/4GtW1RRzS7h9arfzGL/wAI0n/QW1f/AMDWo/4RpP8AoLav/wCBrVa1PWE0uW3SSyvrn7Q2xGtLZpQHyMBtv3Acn5mwowcsOM6FHNK17h9arfzGL/wjS9tX1cH/AK/WNRSyat4dj+0PNJrOnJzMrxqLmFe7KVAEgH93AbHQk8Vv0VUas4u6Y1iZN2qJSXn/AJ7r5BaTQ3UPn27LJDLh0deQylQQRUxUbhwPyrB8Kp9lOr6dGcRWWoMsQ/uo8aSgD2BkIHsBW8Qcj5v0r26c+eCkctemqdRxW3T0eq/AUqMHgflSKo2jgdPSghsH5v0oUNtHzdvStDEAo3HgflTZVGwcD7y9vcU4A7j836U2UHYPm/iXt7igB5UY6D8qRVG0cDp6UENj736UKG2j5u3pQAADceBQyjjgdfSkAO48/pSsDx83f0oAXaPQflXEfDMDHi3gf8jPe/8Asldvhv736VxHwzBx4t5/5me97f7lAHbbRu6Dp6UMBxwOtGDu+929KRgeOe/pQA7aPQflSKo29B+VLhv736Uig7fvfpQA0qPPXgfdPb3FOZRtPA/KmkHz1+b+E9vcU5gdp+b9KAF2j0H5Uigc8DrS4b+9+lNUHnnv6UALtG/oOnpTZlHkScD7p7e1Owd33u3pTZgfIk+b+E9vagB+0eg/KkCjngdfSlw3979KQA8/N39KAAgbl4FKVGDwPyppB3Dn9KUhsH5v0oAUKMDgflTEUb5OB9709hTgGwPm/SmoDvk+b+L09hQA4qNw4H5UpUYPA/KkIOR836UENg/N+lAAqjaOB09KAo3HgflQobaPm7elAB3H5v0oAXaPQflQVGOg/KjDf3v0pCGx979KABVG0cDp6UADceBQobaPm7elIAdx5/SgBWUccDr6Uu0eg/KkYHj5u/pS4b+9+lADIlGw8D7zdvc07aNx4HT0psQOw/N/E3b3NOwdx+bt6UADAccDrS7R6D8qawPHPf0p2G/vfpQAiqNvQflTSo89eB909vcU5Qdv3v0ppB89fm/hPb3FADmUbTwPypdo9B+VIwO0/N+lLhv736UAIFGOg6+lG0b+g6elADY+939KMHd97t6UANmUeRJwPunt7Vz3w4A/4VZ4U4H/ACBrP/0QldDMD5Enzfwnt7Vzvw5B/wCFWeFOf+YNZ9v+mCUAdA4G48Cihgdx5/SigDn/ABk3zaBwf+Qzb/8As1dIW4PBrnPGf3tA/wCwzb/+zV0p6GgBob5RwaajfPJwfvf0FPH3RTU+/J/vf0FAClvmHBoLcHg0p+8KU9DQA1W+UcHpQG+Y8GlX7o+lA+8aAGSt8g4P3l/mKeW46Gmy/cH+8v8AMU89KAGq3yjg9KwbY/8AFd6tngmxtCM9xvnrfX7o+lc/rqS6dq0GuwRvLFFGbe9jQZbySciQDqShzx6M3pXLiouVLTodeF95yp9ZKy9bp/ja3zNk52nHB7V5doegQXN9pFrNoEq6mvmr4lubmwZYr1DG4YPKy7LgNKUZQC2AP4cYr023uIbu3juLWVJoZF3JJG2VYeoIqSvIjLluZSTWjPJIPBUtlpemJ4d0eHSL2TXb/wA2eKx8tlgxdrGSVA2ja6hGOVXcpAYfKY72w0abX9SgbwveORo1pFptvFYsxs7jdcAY2jELA4xMSq8ZDAcn1+q8dhbRajPfxx4ubiNI5X3H5lQsVGOgxvbp61q6zle/9f1/XUJNtp/1vc8406/8S6L4q1K3WKSU3V/bM8LaJcyC4zbwJI63isIUA2t94HlT6isDWNCkkSzXUdKBxpTxo9x4ZuNSeNzNKcRtHjyXwQdxz2OOK9uoqHUvJS7f5WEtDxzXrC8v9US4Php4NTtZrKTzpNNuL26aNDEzNHeBlSIL84Ma7i2GbbliKspoOpTeN5jqVvC17JqjP548PzSySWZbhDemVYvL8o7TGRkc/IzYJ9aoqvau+39af5C5fdt/X9anI+C/C2l6FqGuT2OhWmmySX7pFJDZrCWh2RkBSAMpuB4HGc1i3OleI2nuGR4f7OPiWGb7J/Z0hnZBPGTIJfM27OM58voDz3r0iioU2pqXZJfdb/ITinFx73/G/wDmeONpmoXXjK21DS9B/s29TULhbiUaXcfaE3RTIrSXzsFmjZthCqrKg2DOFGej8I+H9Au/Ds+nS+FJ4SbaAahHqVmRFcXKg5O1+JZA3LSqpDZX52xx6BRTdRuPL/X9f8At/Fc8ftvD+i6Po/ga21XwyTbtYSSahZwacZC0vkxAtNAilpDuxkFWIOCR8uRdi0mKG3tP+Ey0G81PSxbzrp1qLCS7a1Jndo1KKGMbeSYlVjjZsYbhXpctjbzX9veSR7ri3V1ifcflD43cdDnaOvpVinKq5Nt/1v8A5g9rf1/Xc8f1HRfE15o2r6VfWl68kvhi3+2XIBc3EyRz/uFYHLuXZS2M8Aj+MGtB9Fvv7U125v8ATprmzadhZxC1ZmSdrKFBN0O4ZVowVA2EtnIPyeoUUSquSatv/wAD/IcXy2sef+EtP1RvE2lavqlpc2zTaK8PkyKcWqK8Plxt2Eh+dyOvJXkJmvQKKo6tq1vpFqJJt0ksh2QW8fMk79lUdz/LqeKmc+d/13b/AFFSpSlLljq3/lb9Cv4fP/E58Rkcj+0EGR7WsFbhb5hwayvDenz6fpsgvirXlxM1xclTkCR8EqD3CjCj2UVrH7wr2qMXGmky8VJSqvld0rL1skr/ADsIW4PBoVvlHB6U49DSL90fStjmEDfMeDTZW+QcH7y/zFPH3jTZfuD/AHl/mKAHFuOhpFb5RwelOPSkX7o+lACBvmPBoZunB60o+8aG7fWgA3exriPhm3Hi3g/8jPe/+yV3FcR8M+ni7/sZ73/2SgDtd3zdD0oZunB60v8AF+FDdvrQAbvY0it8vQ06kX7tADC379eD90/zFOZvlPBpD/r1/wB1v5inN900AG72NIrdeD1p1Ivf60AJu+foelNmb9xJwfun+VP/AI/wps3+ok/3T/KgB272NIG68HrTqQd/rQAhb5l4NBbg8GlP3lpT0NADQ3A4NNRvnk4P3v6CpB0FMT78n+9/QUAKW+YcGgtweDSn7wpT0NADVb5RwelAb5jwaVfuj6UD7xoAN3saC3HQ0tB6UANVvlHB6UBvmPBpV+6PpQPvGgBGbpwetLu9jQ3b60tAEcTfIeD95v5mnbvmPB6UkX3D/vN/M07+I/SgBGbpwetLu9jQ3b60tADVb5ehppb9+vB+6f5inr92mn/Xr/ut/MUAKzfKeDS7vY0N900tADQ3HQ9aN3z9D0pR0/Gj+P8ACgBkzfuJOD90/wAq574ct/xazwpwf+QNZ/8AohK6Kb/USf7p/lXPfDj/AJJZ4U/7Atn/AOiEoA3mb5jwaKV/vGigDnPGUUYbQMRr/wAhm3/h/wB6ukMMWD+7T/vkVzvjIHdoHP8AzGbft/vV0hBwef0oAaIYsD92n/fIpqQx75P3afe/uj0FSAHaOf0pqA75Of4vT2FAAYYtw/dp/wB8igwxYP7tP++RTiDuHP6UEHB5/SgBqwxbR+7Tp/dFAhi3H92n/fIpyg7Rz29KADuPP6UARywx7B+7T7y/wj1FPMMWP9Wn/fIpJQdg5/iXt7inkHHX9KAGLDFtH7tOn90UCGLcf3af98inKDtHPb0oAO48/pQBjT+FbHzmm0+W50uSRsv9hl8tWPqUOUz77c03/hGp/wDoY9Y/77h/+N1tsDxz39KXB9f0rF0KTd3E6li61tZX9Un+Zgp4cuGUk+I9Y6kffh9f+udL/wAI1Pux/wAJHrHT+/D/APG62ogdh5/ibt7mnYO/r29KX1el/KP63W8vuX+Rhnw3OMf8VHrHX+/D/wDG6X/hGp/+hj1j/vuH/wCN1tsDxz39KXB9f0o+r0v5Q+t1vL7l/kYQ8NTkf8jHrH/fcP8A8bpD4cuPMVf+Ej1jBBP34fb/AKZ+9bqg7ev6U0g+evP8J7e4o+r0v5Q+t1vL7l/kcd4r0++0Twxd6haeIdUaaHZtEhhK8uqnOIx2NbH/AAjU/wD0Mesf99w//G6wPiJ4n0dNH1PQJtRhh1QRQzLay/I0qGRfmTP3xwc4zjBzXTaL4k0nxG13/YV/Ffx2cvkzTQfNGHxkqH6MQCM4JxkUfV6X8ofW63l9y/yK48NznP8AxUesdf78P/xuj/hGp92P+Ej1jp/fh/8Ajdbig889/SjB39e3pR9Xpfyh9breX3L/ACMKTw5cLGzDxHrGQCfvw/8Axunf8I1P/wBDHrH/AH3D/wDG62ZgfIk5/hPb2p+D6/pR9Xpfyh9breX3L/Iwh4anOf8Aio9Y6/34f/jdB8Nz7h/xUesc/wC3D/8AG63FB557+lBB3Lz+lH1el/KH1ut5fcv8jDPhqbHPiLWCPTfCP/adWtP8O6dYTG5WJ7i6YYa5upDNJj0DNnaPYYFaRBwef0oAO0c/pVRo04u6RMsVWlHlb0fbT8iNIY98n7tPvf3R6CnGGLcP3af98ihAd8nP8Xp7CnEHcOf0rU5hphiwf3af98ihYYto/dp0/uinEHB5/ShQdo57elADRDFuP7tP++RTZYY9g/dp95f4R6ipADuPP6U2UHYOf4l7e4oAUwxY/wBWn/fIpFhi2j92nT+6KeQcdf0pFB2jnt6UANEMW4/u0/75FDQxcfu06/3RTgDuPP6UMDxz39KAE8mL/nmn/fIriPhpFGR4tyinHia9A4/3K7nB9f0riPhmDjxbz/zM972/3KAO08mLd/q06f3RQ0MXH7tOv90U7B39e3pQwPHPf0oATyYv+eaf98ikWGLb/q0/75FPwfX9KRQdvX9KAIzDH56/u0+6f4R6inNDFtP7tP8AvkUEHz15/hPb3FOYHaef0oATyYv+eaf98ikWGLn92nX+6Kfg+v6Uig889/SgBvkxbv8AVp0/uimzQx+Q/wC7T7p/hHpUmDv69vSmzA+RJz/Ce3tQAvkxf880/wC+RSCGLn92nX+6Kfg+v6Uig889/SgBphi3L+7T/vkUGGLB/dp/3yKcQdy8/pQQcHn9KAGiGLA/dp/3yKakMe+T92n3v7o9BUgBwOf0pqA75Of4vT2FAAYYtw/dp/3yKDDFg/u0/wC+RTiDuHP6UEHB5/SgBqwxbR+7Tp/dFAhi3H92n/fIpyg7Rz29KADuPP6UAJ5MX/PNP++RQYYsf6tP++RTsH1/Sgg46/pQAxYYto/dp0/uigQxbj+7T/vkU5Qdo57elAB3Hn9KAGtDFx+7Tr/dFL5MX/PNP++RSsDxz39KXB9f0oAiihj2H92n3m/hHqad5MW4/u06f3RREDsPP8Tdvc07B3Hnt6UANaGLj92nX+6KXyYv+eaf98ilYHjnv6UuD6/pQAxYYtv+rT/vkU0wx+ev7tPun+EeoqRQdvX9KaQfPXn+E9vcUADQxbT+7T/vkUvkxf8APNP++RSsDtPP6UuD6/pQAwQxY/1adf7oo8mLd/q06f3RTgDjr39KMHf17elAEc0MfkP+7T7p/hHpXPfDmKM/C3wqTGpP9jWf8P8A0wSujmB8iTn+E9vaue+HIP8Awqzwpz/zBrPt/wBMEoA3Wij3H92v/fIopzA7jz+lFAHP+Mm+bQOD/wAhm37f71dIW4PB/Kuc8Z/e0D/sM2//ALNXSnoaAGhuBwfypqN88nB+96ewp4+6Kan35P8Ae/oKAFLcjg/lQW4PB/KlP3hSnoaAGq3yjg9PSgN8x4P5Uq/dH0oH3jQAyVvkHB+8vb3FOLcdD+VJL9wf7y/zFPPSgBqt8o4PT0pA3zHg/lTl+6PpWPreo3MNxb6bpe0X17kiRhuFvGuN8pHfGQAO5Yds1E5qEXKRpSpyqz5Y/wBdy5f6tp+mRq+pXtvZqTw1xKsYP5mqH/Ca+F/+hi0v/wADY/8AGl0/w/p2nOZkh8+6fmS7uP3k0h93PP4DAHYCrUt5aw39vZyMFuLhXaJNp+YJjdzjAxuHX1rznjpX0R08uGjp7z87pfhZ/mUo/GnhgKc+IdL+83/L7H6n3p3/AAmnhjd/yMOl9P8An9j/AMao3vjbw9Y26TSzzyoySOfs1hPOURGKsziNGKKGBG5sA4OM4q5H4k0eWURpcZYyRRrmFwHMi7oypIwykA/MMrkEZyCKPrlS1+UX+zfyy/8AAl/8iK3jTwwcf8VDpfX/AJ/Y/wDGl/4TXwv/ANDFpf8A4Gx/41AnivQXsZrz7YqW0FqbySWSF0UQAsPMGVGVOw4I6jBGQQTJZ+JtFvriaG2u1Z4LWO8k3RMoELjcrZIAPHJA5HGcZFH1youg/wDZr25Zf+BL/wCR81945fGnhgL/AMjDpf8A4Gx/40h8aeGPOU/8JDpeNp/5fY/b3rPfx94aTS7TUUuZ7i1u7c3UTW2nzzkQj/lo6ohZF92A6H0NWrvxdoNlcQwzXRPnRpL5sVtJJFGj/caSRVKRg9i5ANP63V/lFfC2vyv/AMCX/wAieU/tDWPh/wAY+ELfUtG1fTrnV9MlASKG6RnmicgMoAPODhvYBvWu88BXHg/wP4I07QbbxFpLNbxZnkW8j/eynl269yTj0GB2rYtPF2j3uvPo0Cah9uj++kmk3MaKPmwxkaMIFOxsNnBxwTV6fV9Otp72GaYLJY2y3VwPLY7Im34bpz/q34GTx7ik8ZUSu4jthr25Zf8AgS/+RIh408MDP/FQ6X1/5/Y/8aP+E08Mbv8AkYdL6f8AP7H/AI1UufGnh+0v0tJrmXezxIZEs5nhjeTGxXlVCkbHcvDMD8y+oq7rOu6doMdu2o/aCbmTyoY7azluXdtpYgJErN0UnOMcU/rdX+UX+zfyy/8AAl/8iMl8aeGDC4HiHSySp/5fY/8AGnf8Jr4X/wChi0v/AMDY/wDGk07xBpGrNbrYXAla5ikmjUxMp2xuEcMGAKsrMFKtgg5GODWT4o8Ww6W6WOnzQpfPcCBmltJbjyj5Rl4hjw8zFQAFQ55J/hIo+uVL25QX1Z/Zl/4Ev/kTXHjTwxz/AMVDpfX/AJ/Y/wDGkPjTwxuH/FQ6X/4Gx/41mad4qtIPD8N7q+pRX8k07QoNP0qdJCy5zH9mzJKHXB3A8jHIFT3HjXw9bw2j/apJzeRPNbx2tnNPJIqEK/yRoWypYAgjI5zjBoeLqX2/ML4b+WX/AIEv/kS9/wAJp4YbgeIdLJPT/TY/8a1be6hurdZbaRZo2HDxsGU/iKq2txaahYxXVo8VxbToHjkTBV1IyCPas268PpbzNf8Ah8JYagPmIQbYrj/ZlQcHPTd94dj2pxxsk7TQ1DDz0i3H1s187JW/E3kb55OD9709hTi3I4P5VR0TU01fTReRxtEXYrJE/wB6J1+VkPuGBH4VfP3hXoppq6OScJQk4y3Qhbg8H8qFb5RwenpTj0NIv3R9KZIgb5jwfypsrfIOD95e3uKePvGmy/cH+8v8xQApbjofyoVvlHB6elOPSkX7o+lADQ3zHg/lSs3Tg9fSlH3jQ3b60AG72P5VxHwzbjxbwf8AkZ73t/uV3FcR8M+ni7/sZ73/ANkoA7Xd83Q9PSkZunB6+lO/i/Chu31oAN3sfypFb5eh/KnUi/doAYW/frwfunt7inM3yng/lSH/AF6/7rfzFOb7poAN3sfyqGe7gs7Wa5upFhhiBeSRzhVAHJJqeuc1If2v4mi0uT5rOyjW8uU7SOWIiU+wKMxHqFrKtUVODkb0KaqS97RLV+n/AAdl5sRb3WddxLp23SbBhlJp4t9xKPUIeEHpuyf9kU4+H53U+b4h1dyRyfNjXP4KgFbVFeNKtUk7tnR9YcdKaSXom/verMV9BeNGd/EGrKqjJY3CAAev3aoW40y70iTVrTxpdT6dGGaS8i1CJoVC/eJcDaMd+eK0vFelz614S1TTbQoJ7q2eJPMJCkkdCR2PQ/WsO7tNR1XQ5blPCw0+eLULe7NjJNCZb0RbCdxQlA3y4XLn7i5KjoRlJ7yf3ieKq9/wRM0+iroq6w3jqYaYzbVvjqUPkk5xgSY25yMdai1G/wDD+kXC2+rfEBrGZkEixXOqwRsVPRgGAOD61mvpGsHxAPFH/CNuV+2mU6T58H2gg2xh80nf5W/PGN5+Tvn5a3rjSruZvCTQabDZJp9z5lxa28imO1T7LLGFXhcgM6qMD8MVd3fWT+8Fiqvfv0X+RD5mkDWV0j/hOJ/7TYArZf2jD5xyu4YTG77vPTpzTdPn0TVLmeDS/HUt5PApeeO31OGRowOCWABIA6c1iX2j+KL3xDCW0+aK1ttajuvLtvscdpLCJf8AW85nabactkoDhsA8BqOkaL4nsYbcXGkazdtZWdxCsV1Np4iXeMBbcxuHyTt5lP3Q3fGVeXLfm19fIPrVXmtft0Xdr/gnS2WoeHtSS4fTviA12trGZp2g1WBxCg6u2B8q+54p9rd6Ffafc31l49kuLO0Gbi4i1SF44f8AfYDC/jWfqPhrVhptnDDpyXssOgrYgGVVRbgPEVJ+YEqpQucdQuByQKp6p4M8SfaLuePVdR1B0uLK5WfbZrPcCIShkQGMRAqXVhvXkjG7uG/KX4+dvy1IjjK73/Jdr9u+hr3GqeG7S1trm6+IfkW90pa3lk1aBUmAOCUJGGAPHFX2tbNNJ/tV/F18uneWJfthvohDsPRt+3GPfOKxLXw5q7+GpxJBftdXWuWl80eoT2xmCRzQl2YQKsSnbGx2qWJ653MVHReLtPur/SrZrG2F5JZ30F2bXeFM6xuGKqWIXdxldxA3KMkdQm2re89+/p/n+Bf1qta9/wAF/WpnXd1odhYW19f+PJba0uxm3uJtThSOYYzlGIw3HpVmCCxurb7RbeMLyaAw/aPNjvomXyuf3mQuNvB56cGm2On3kur6NfHRY9JiiW8M1skkZMRkdSpbZwXbBZtu4Ak/Mep5yLwfrVwY7G8s0TTpdLaK7zMpMjrNI6w4B5Vt6lieNoK/xHEOck7XfXr6jWKq9X+C7+h0W3TP7QtbD/hNLr7ZeRebbW39oReZOmCdyLjLLgE5HHBp3lad/bX9kf8ACZXf9p7d/wBi+3xedtxnOzbuxjnOKyPD+iarot7FDeaAuoJdrZObl5otliYYFjYNkliysrMuxSCXOSvJofQ9XaU6R/ZTMp10ap/bBli8vy/PEuMbvM8zb+6xt24/ixxWn2rc2nr/AFt+PTyhYus4pvfTov8AL+r/AH7UVnaXNxHbweLb6WaWNpo40vY2Z0U7SwAXJAJAJ6ZOKt/8I/L/ANB7WP8Av+v/AMTWV4K0TUtBXyr+FpftMRLTM6FrcrIxWI7SMrh8qQCQd248iuurJzl/M/vK+tVe/wCC/wAjF/srV7MbtN1+eUg58nUIklRvxUKw+uT9KtaXrpubxtP1K3NlqSJvMO7ckq5xvjbjcvTPAIzyBxnQrM17T5L3T/NssJqFofPtJPSQD7v+6wypHoa1pYidN6u6KjONZ8lVJX62St623Xfr289hm6cHr6U7d7H8qq6dfx6ppNpfwZEdzEkqg9QGGcH3q3XtJpq6OGUXGTjLdDVb5eh/Kmlv368H7p7e4p6/dpp/16/7rfzFMkVm+U8H8qXd7H8qG+6aWgBobjoevpRu+boenpSjp+NH8f4UAMmb9xJwfunt7Vzvw5b/AItZ4U4P/IGs+3/TBK6Ob/USf7p/lXPfDj/klnhT/sC2f/ohKAN5j8x4P5UUr/eNFAHPeMlG7QP+wzb/APs1dIVGDXM+MjJu0DKr/wAhm3/i/wB72rpCZcH5E/77P+FADgo2imoo3yf739BQDLgfIn/fZ/wpqGTfJ8ife/vH0HtQBIVG4UFRg00mXcPkT/vs/wCFBMuD8if99n/CgByqNo+lAUbjTVMu0fInT++f8KAZdx+RP++z/hQASqNg/wB5f5inlRiopTJsHyJ95f4j6j2p5MuPuJ/32f8ACgBVUbR9KwIQH8e6kzc+Tp9sqe255i357V/IVuqZdo+ROn98/wCFYUJMXj3UFlAU3Gn27R4Oc7HlDflvX8648Z/C+Z14b4an+H/25fobNc/r/hka/rWmTzzTxW1mkwf7NezW0pLhNuGiZTj5TkZx04NblxPHbW0s8xIjiQu5CliABk8Dk/QVn33iTSdNg867u9qeSJxsjdyyMwVcBQSSzMAqjlj0BryFe+hlscZJ4F8RJpdvpMN8j6esMqBRqlzbtBI0sjCUtGA9x8rqCjyKMqeSTkWJfAN9qlhpEWsTxxtpwtYglndSIpjjjw5LqqsxLE4DfKAAeCWzu3XjvQbPTLfUJZb1rW4cxq8OmXMuxw4TY4SMmN9527XAOeMUS+PPD8FwIJ7m5jl2RvIr2FwPs6v91pvk/cqfV9oGDnoa2vUfTr+KJ5V+Fvlp/kv6bMmXwbq1/qscmpXNk1lFYfZjGikNPJHIzQMwChVABViFH3lGOBzX/wCEC1PyI4xcWY8yG1s7o7mO+2WIJOg46ttGP1x0rprnxdotnrA0y4unWfekTOLeQwxu/wBxHmC+WjnIwrMCdy8fMM0l8VH+37SJrrTv7MvrqW0tX/ei4eeMMrxeXt24DRufM3AYwu3oxSc0tPX8/wDMGlfm7f8AA/y/Mw7rwX4jk0610yO9hNitq0RSLUbi0+zyl3Pm/uVDTjawHls6L8vcnIpy/DbVTF5RMNwt7ZW9vdq2t3tvFbskKxPiGHas6ELnDGMnkE4Py9lB4z0S6ju3tJrq4+yAM6w2E7tIpYrujUJmVdwI3IGHvVWP4h+H5raKeE6q6TuUiC6LeFpCBk7V8rJAxyQMCiMpxWiH1v8AL8v8i/Z6RNbeLr/VGeM29xY21sigkuGjeYknPbEi45PQ/jieIvAra/rGsXstzPELrS47S2W31C4twJFMxJkWNgGX94vXd/FxzzpXXjvw/aWNvdvdXE0NxAbhfs1jPOyRjgtIsaFowDkHeByCOoONafVbK30xNQluF+yOEKyqCwYOQFIx6lh+dS3Ld+hSlZ6eX4W/4Bw2r+DPEupzmN7yGWCGS3ktXOpXEKxrGYy0TW8ahHyUY+Y5cjcPlwMVt+N/D9/rq6U+mpHK1ldtNJG2pz2BZTE6cTQqzg5cHHQjNXrvxjoVncXlvLel7iyljhmgggkmkEki7lRURSzsVBbCgkAEnAFXk1iwfRf7XF0i2AhMzTvlQqAZJOeRjByDyMc03KW/9f1/w5Citl/X9f8AAOAfwJryJpTpFbTtaxXcbwxa/d2Rj82ZZEHnxR75sBcFnALH5jk1p23hHXbKSLUmurTUdVtpYZUM8jRpcEWwgk3sEYoTksCA3QZ6nG0PG2htpLags10YlnW2aIafceeJGAKqYdnmZIII+XkEHpU+m+KtI1Vo1tJpleSSSIR3FrLA4dFDMCsiqVwGB5Aznim5Ttqtv+H/AFDS+vX+v06GDB4Z12yvRr0A0+fWJbqaaeze5kS3CSJGm1ZNjHKiGM7vL+Y7uFzxmw6TreieMNL+wLp95qMljqNzcRTyvDFumuYZGCSBHYBScDK/MBzjt0snj/wzHp9pff2nvtbsSNFLHBI42RtteRtqnZGpIBdsKMjnmtD/AISLS/t7WS3DPcLcfZmRIXba/lrJyQMBQjKS33RkDOeKalNO7Xl8rWt+I2rq3z/G/wDmO0DS20bQbTT5JhPJCmHkVdoZiSSQMnAyTgZNaNYel+MdE1nUlsbC4maZ42liMlpNFHOikAtFI6BZF+ZeUJGCD0rcrKSaeoeRyuneI9B0TXPEFlqutadYSC/WRIrm7SJsPbxMThiOCxY5+taR8ceENw/4qnRf/BjF/wDFVDoVrBd6p4gumtYJlk1HYryKCTsgiQ9v7ysPwrZOn22R/oFp/wB8D/4mvbw/8KJri/4uvaP/AKSjMPjjwhg/8VTov/gxi/8AiqB448IbR/xVOi9P+gjF/wDFVpnT7bB/0C0/74H/AMTQNPtto/0C06f3B/8AE1ucpmDxx4Q3H/iqdF/8GMX/AMVTZfHHhEqMeKdF+8v/ADEYvUf7Vao0+23H/QLT/vgf/E02XT7bYP8AQLX7y/wD1H+zQBnHxx4Qx/yNOi/+DGL/AOKoHjjwhtH/ABVOi9P+gjF/8VWodPtv+fC0/wC+R/8AE0g0+22j/QLTp/cH/wATQBmDxx4Q3H/iqdF/8GMX/wAVQ3jjwhx/xVOi9f8AoIxf/FVpjT7bcf8AQLT/AL4H/wATQ2n23H+gWnX+4P8A4mgDN/4Tjwh/0NOi/wDgxi/+Krjfh34u8M2g8U/avEOlQed4jvJY/Mvo13oduGGW5B9a9F/s+2/58LT/AL4H/wATXFfDaygceLN1nbPt8S3gG5RwPk4HHSgDof8AhOPCG7/kadF6f9BGL/4qhvHHhDj/AIqnRev/AEEYv/iq0/7Ptt3/AB4WnT+4P/iaG0+24/0C06/3B/8AE0AZv/CceEP+hp0X/wAGMX/xVIvjjwht/wCRp0X/AMGMX/xVan9n23/Phaf98D/4mkXT7bb/AMeFp/3wP/iaAMo+OPCPnL/xVOi42n/mIxe3+1Tm8ceENp/4qnRf/BjF/wDFVonT7bzl/wBAtfun+Aeo/wBmnNp9ttP+gWn/AHwP/iaAPK734/aJ4e8c3WieITbzacxElpq+lzCeMxt2kVSSCpyCRknGdoBrtPC2radrura1qWj3kN7aTPAI54XDKQIhxn2JPHY1g33wX0bxB44uPEvisLqRyEtNPQ+VbwRr90EAZc5yxyQMsRgiuj0C0t9P17WrO0tobWGNoDHBAgVETygBgAAAZU1xY3+GvX/M68P8FX/D/wC3RNJ9asEFxuuMfZrhLWUbGysr7Nq4xznzE6cc1Qt/GeiXbXi2s9zO1mpaRYrGdjIocoWiATMwDAgmPcBWdcWf2z4mRrbXEb2sVutzfwK2THMm5YcjsWWRjz/zxWrXhLSta0Kzh0i8+wHTLCDyLaWF3aafB+VnUqFjwvBAL5Jzleh8zlVr/wBf1f8ABmL/AK/r0Gx/ELw7LZR3Ynvkhln+zxGXS7pGmlwx2IrRgufkYYUHkY6kCrEvjXQ4rC3uxcXEq3DOscMFlPLPlDhwYUQyLtPDZUbSQDgkVzeqaXqej2/hG0tfsk19HrVxKiyOyxPuhunClgpK5U4ztODzg45uQeHPEGm6kNdsk0y51O4af7VZzXMkUKCUxkbJRGzEr5Sg5Qbsk/LgCrcYf1/XUNbLz/4P5WXqaGseK0j077Zod7pcsMdp9tnlu5JFjS2IOJldFbdgqfk4z6r3tL4x0NtQs7Fbx2mvI45ImFtL5eJATGGk27UZgDhWIJ7DkVzsPgC/F3Atze2s1mtiVnjCMpmufOeVTjnbGrSFhyTlV9Dm5oPhzXvDt4iWTabLa3SWpvZZXfzImihSJhGoXDhhGuCzLtJJw3SklCzv/Wr/AE1/4fRNu+nb8dP8393qXv8AhP8AQVmvYpW1GE2MTTXLTaRdxrEigncWaIDkKcc/NjjNaGj+I9N1ySaKwa5WaAK0kN3ZzW0gVs7W2SqrFTgjIGMg+lZOueGL3U7fxVHbywKdZ05bW33sw2uEkXLYBwMuOme9M8H+HdS0fUr261CGG3WeGKIIurXGou5UsdxlnRWUDdgIMjkngk0rQ5fMfS5qXvizSNP1hNMupLkXDvHHuSyneJXkOEVpVQopJI4LDqPWiLxbo02tf2Wl0/2jzWhVzbyCF5FGWjWYr5bOMHKhiw2txwccVfxeMLqz1DU/7Asmhk1WK9WI30oufKt5ECoIvs+CWERb738dbcXhjWfMh0qY2A0a31Fr9LpZXNxJmVpVjMezauGbBfe2Qv3QW4fJFRTe/wDw3/B06ivq7dv8/wDgehrQeM9Euo7t7Sa6uPsgDOsNhO7SKWK7o1CZlXcCNyBh70/R/F2ka8Yxpz3f73d5RubCe3Em3rtMiKGx7eh9KreEdM1vRLGHSdQGn/2dp9utvaywO7TTheA7gqqx/KB8o35JJ3DGDkazp91ovgXTbKC7totcjuglgclg8rswIA4LYjdyfQAk8DNJqN7IrqbN7450Kx2+bLey7ommza6bc3AWMMVLkxxttGVOCcZxkcc1dPiTShZXd2br9xZojzv5b/IGUOpxjJyrA8etZp8LPbyXEdgYo7U6KmmwIxOVK78E8dMMOevXisS9+HE19Y6n5t1Kt3cQQR24h1G4ihzHEiHzI0IRuVPVWyMZ9KUVBvX+tX+liZNpaf1ov+D9x3NtqFteLO1vJvFvK0MvykbXXqOev4VlL410BrJrsXzeSLeG5Um3kDSRy8RlF25csSBhQTkgYzxXOp4Q16LxTc3ds8cFvPqBuftKa1dHMZxmM2ezySSAV3bsjO7qBUMXgTWxD4fmlk0w3Xhmzhi09Dl0nl2Ksxkcx7kBC7V25x94gnCioRg0nJ9vy1/Erv8A11/r+tDuNU1a00bTze37SrCGVAIoHmdmZgqgIgLMSSBgA1mt420NdHg1PzbxoLi5a0iRNOuGmaZd25PJCeYCNj5yvaqvixtduNW0ex0TS7a7jWRr25ku7h4Yh5RXZHvWN8MWcMMjpG31GL4f0bxFcX1vDqlhZ2UWma/dX80iXMknnCWN3QRbol3AG4KljjBjPBzwQgnG7/pf8OPRK/8AXX/gfedB/wAJ5oBtbeeOW9lNw0qxwQ6ZcyT/ALptkm6FYzIoViASygZIHcVtabqNrq+l22oafIZbW6jWWFyhXcpGQcMAR9CM1yMXge7nvIkv7hYbOO7vrppLG6lguJPOmLpH5ibWVADuYBuWVOoXJ6HwppM2heEdK0q6dHmsrWOB2jYspKqASCQCR9aUlDlut/8AhwaSbsHg9R/witqOyySqPYCVwK3dorA8IGT/AIRS0ZVUq7yOpLdQZWIPT0NbuZf7if8AfZ/wr2qP8OPoi8Z/vNT/ABP8xVUbaaVHnr/un+YoUy7fuJ/32f8ACmkyeevyJ90/xH1HtWpykjKNppdopjGXafkT/vs/4UuZf7if99n/AAoAUKMfjRtG/wDCmgy4+4nX++f8KMy7vuJ0/vn/AAoAJlHkSf7p/lXPfDlR/wAKs8Kf9gaz/wDRCVvzGTyH+RPun+I+n0rnvhyZP+FW+FcKuP7Gs/4v+mCe1AHQso3GimsZNx+Rf++j/hRQBg+Mj82gdf8AkM2/b/erpSeD1/Kub8Z/e0D/ALDNv/7NXSnoaAEB+UdfypiH55Ov3vT2FPH3RTU+/J/vf0FACk/MOv5UpPB6/lQfvClPQ0ANU/KOvT0oB+Y9fypV+6PpQPvGgBkp+QdfvL29xTyeO/5U2X7g/wB5f5innpQA1T8o69PSsnXNNnu/JvNMZE1GyJaAyZ2yKRh429AwA57EKe2K11+6PpQPvGpnFTi4s0p1JUpqcf6/4c56HxTppPkarINKugMPb3xEZ99rH5XHupNcNpcFpf6FdXFrrelPNBfxf2W0twFjktrWUmJGbk4YmT5wDwwYBu/q88Mc8eyaNZEJ5V1BFQf2Tpv/AED7X/vyv+FcKwbi7xl/SOhzw8t4tfNP9NvvfmchqN02t+FkttR1bQ4b83kE7LBd5iRI7hJNoY8sdiYztUE9gKxNSuG1TxF4psLDUtFFlqltDazz3F3skgUxMpdAARLwx+UlMEdeTj0eLSdO2H/iX2v3m/5Yr6n2p39k6du/5B9r0/54r/hSWEkuv4f12H7TDq3xfgcBdWz7r3S7PV9COkahdJcy3Ut7/pEIGzcgjC7Xz5fDF1xu+6duDX03Qre3uY7i+1/SJZItYnuoglwB5VtI8r7Bnq5aQEngcAc7cn0ZtJ07j/iX2vX/AJ4r/hTv7J03/oH2v/flf8KPqk7W5vw7C5sMk1aX4ef+Zx/hG6fRLGHSdQ1TQv7O0+3W3tZYLzdNOF4DuCFWP5QPlG/JJO4YwcXUdKD6PoUFtqel3EunPMZUXX5tP3B842ywqX4zyMAGvSF0nTtv/IPtf+/K/wCFIdJ07z1/4l9r90/8sV9R7UPBybu5BzYa97S/A8wl0i/k0m00w+ItL+xLatEYYtbltvskhdyH3RBXuQFZVw7Ju2bj8zZG7fKk/wANbfRLXWtGi1SG2tkDyXQaESRlCTnhiuV9AT7V2jaTp20/8S+1/wC/K/4Uv9k6b/0D7X/vyv8AhTeEm1ZyFfDXTtLT08v8jz8Wg0ltQbRNW0W5F4kKSrcai1s82PNMr+bECY3LSbgwDdx8vBF1bWwn+G7+HbrXdMiuJbV4jJHOrpGxJIHOC4XIG44LYycE12K6Tp3P/Evtev8AzxX/AAo/snTt3/IPten/ADxX/Ch4Sb+1+AJ4VdJfgcgb651WCzfWtS8P20ttqMVwsNpfGRViVcHLsq7mLEnG1QBgZPWsy+0eG91gSf8ACQaVFZzajPPdBbkGR7eSJEMa9gWKEE54Vjg5xj0GbSdO8h/+Jfa/dP8AyxX0+lP/ALJ03/oH2v8A35X/AApLByT0f4en+SBvDO11LT08/wDNnnVraXGiTQ3eiav4dludl1A6XV3tjjSW5MySKVBLFQcGP5Qc/eGObdpZ29j4p1PXLfXNKM99dDh7oFVgMESEgHIRw8e7A4cBQx4Ur3I0nTuf+Jfa9f8Aniv+FIdJ07cv/Evtf+/K/wCFP6rP+bv07u41LDLZS/A850CyuLTxNYaxrmvaZLJbwTQ3Mh1yWfzywX96sbBYoeV5RFAAP3jjB6ybXn1UNa+FcXcrcNfbSbeAd23dHI7KuffA5rc/srThyLC1BHQiFf8ACrSgBQAMADgCj6nd+89AVWhDWMW35vT5q2v3+tylpFhDpOnrZW24pEcbm5Z2IBZj7kkk+5q4T8w6/lSJ9+T/AHv6CnH7wrvSSVkcspSnJylq2BPB6/lSKflHXp6U49DSL90fSmSID8x6/lTZT8g6/eXt7inj7xpsv3B/vL/MUAOJ47/lSKflHXp6U49KRfuj6UAID8x6/lQx6devpSj7xobt9aADP1/KuI+GZ48W9f8AkZ73t/uV3FcR8M+ni7/sZ73/ANkoA7XPzd+npQx6devpS/xfhQ3b60AGfr+VIp+Xv+VOpF+7QAwn9+vX7p7e4pzH5T1/KkP+vX/db+YpzfdNABn6/lXOaw39j69DrTZFnMgtL1sf6sbiYpD7Asyk9t4PQGukpjRpLHJHKquj5VlYZDA9QRWVWmqkHFm1Gr7Od2rp6NeX9arzIgc9KKxF0fVNFbboE8VzZdVsb12Hle0coBIH+ywPsQKc2q6zGp8zwzdHaMkx3UBX9XB/SvHlQqxdmjp9gpa05JrzaT+5tfqvM2aKx/7V1j/oV73/AMCbf/45R/a2r/8AQsXv/gTb/wDxyo9lU/lf3MX1afeP/gUf8y3rOqRaJod5qlzHLLFZwtM6RAF2CjOBkgZ+pFYa+Ooka9iv9D1Wxu7VIGW1m8h5LgzOyRrH5crLkshHzFQOpIGSDXzq+t+H77S/+EevYPtkDw+b59u2zIxnHmjP51l6to+tahql3qMGj3ttcyRWot2327iGSCSRwxHnDcreZtK/KcZwRnI0jSdvei/ufl/wQ+rT11j/AOBR/wAzaPjKFdMuJ30nUkvbe5jtpNNZYhP5khUJg+Z5ZB3A7g+OozkECKHx5YPYJcz2N9bOxulNvIsZkV4H2OnyOykliAuCQfUVytzpHj99Ut7qG0QzSXH2u8mktoTEzRoEhjSIXQYKAWYkux3Ac4+UN0vwz4kkmJ1/RZJ5LO8u57We0EETBrja5dd07lGRy4HJyMe+a9i+W9n9z/rcX1efeP8A4FHz8/T8Tq9U8crpdxcRyeH9WmW0ginu5YjbbbYSZwG3TAsRtOdgYehNWbnxhbxSG3s9PvtQvTcy26WluIxI/lY3uC7qoUbl5LA5IGMmucfR/Et5Za2mq6dPNc6tDFD5sCQRJEsanHym4Ykksx+8OoHbnLudO1PS/HENzoug/Y9f1I3lybuaKCQSQ5hDROqzKXwShB3rjHAIJpeyd/hfXo99P+D/AMOT9XqLdx/8Cj5+fodpF440qbSdQ1GGO6aHT7VLqYeWFbDbvlAJHzAowIOMGnXHjC2t9VktRp2oS2sE6W1xqMaIYIJXxhGy+8/fTLKhUbuSMNjlLzwS954fay/sDWIr1rUwPfRajHF5xLM+6SOOdVkG53IVgQNxA4NRXXgm6n8Uz6onhS1KXNyl1M1zYWVxdq4xkRzvLhVO0cFGIy2CMjbSpK+z+5+X/BH9Wq23j/4FH/M7iDxRZXFtbTJFcBbnUJdPQFVyJI2kUk8/dzE2D15HFUH+IWix/YPMF0De2kt4AsW4wxRqzEvgnBIRtoGSdrY6Gues/Bhsr621CPwh/wATOHU5r979Y7QTSiRpD5ZfzN2AJAM5P3Rx6MsPC2vaXptmlnY3x1C0aZ1vJhbNkvG0cY2CYYVAwwM84Pdiaj2T10f3MuWGnzaONv8AFHv69v66HXaJ4oOr6gbOfRdR0uX7Mtyn2xoGEiE4yPKlfHPY4rergvD3hx/DOpLeaT4SuIS1kttOVe1WS5cNu82RxJlmPOSeeetdJ/a2r5/5Fi9/8Cbf/wCOUpU5dIv7n3/yJWGqdXH/AMCj29e5s0Vj/wBrauP+ZYvf/Am3/wDjlH9q6x/0K97/AOBNv/8AHKj2VT+V/cx/Vp94/wDgUf8AM2KyPEF/LBapY6ef+Jlfkw2wAzs/vSH/AGUHJ/AdSKZ9q8RXylbTS7fTwcgzXtwJCvbiOPO7/voVe0nRI9NmluZp5Ly/nAEt1NjcR/dUDhVH90fjk81vSw05v3lZFRjCg+eo02tkmnf1a0t36vbzVqys4dN021srYFYbaNIoxj+FRgfyqzn6/lQ3b60teytNDglJybk92NU/L3/Kmk/v16/dPb3FPX7tNP8Ar1/3W/mKBCsflPX8qXP1/KhvumloAaDx36+lGfn79PSlHT8aP4/woAZMf3EnX7p7e1c98OD/AMWs8Kdf+QNZ9v8ApgldFN/qJP8AdP8AKue+HH/JLPCn/YFs/wD0QlAG8x+Y9fyopX+8aKAOe8ZKN2gf9hm3/wDZq6QqMH/Gub8ZZ3aB0/5DNv8A+zV0h3YPSgACjA/xpqKN8n+96+wpw3bR0pqbt8nT739BQA4qMj/GgqMH/Gg7tw6UHdg9KABVG0fT1oCjcf8AGhd20dOlA3bj0oAbKo2D/eXv7inFRj/69Nl3bB0+8v8AMU87sdqAEVRtH09aQKNx/wAaVd20dOlA3bj0oAGUcfX1pdo/yaRt3HTrS/N7UAMiUbD/ALzd/c07aN34etNi3bD0+838zTvm3dulACMo4+vrTto/yaRt3HTrS/N7UAIqjb/9emlR56/7p7+4py7tvamnd569Pun+YoAcyjaf8aXaP8mkbdtPSl+b2oAaqjn6+tLtG78PWhd3PTrR82/t0oAbMo8iT/dPf2p+0f5NMm3eRJ0+6f5U/wCb2oAQKOfr60hUbh/jSjdz060HduXpQAFRg/40BRgf40Hdg9KBu2jpQA1FG+T/AHvX2FOKjI/xpqbt8nT739BTju3DpQAFRg/40Ko2j6etB3YPShd20dOlAAFG4/402VRsH+8vf3FOG7celNl3bB0+8v8AMUAOKjH/ANehVG0fT1pTux2pF3bR06UAIFG4/wCNKyjj6+tA3bj0obdx060ALtH+TXEfDNRjxb/2M97/AOyV2/ze1cR8M848W9P+Rnvf/ZKAO22jd+HrSMo4+vrS/Nu7dKG3cdOtAC7R/k0iqNv/ANel+b2pF3be1ADSo89f909/cU5lG0/4007vPXp90/zFPwSCDQAbR/k01VHP19afSAYzQAm0bvw9abMo8iT/AHT39qfjnNDrvRlPcYoANo/yaQKOfr606gDGaAGFRuH+NKVGD/jS45B9KWgBoUYH+NNRRvk/3vX2FSUgXBY/3jn9KAEKjI/xrmNWUf8ACzvDn/YO1D/0K2rqccis650eK68QWGrNI6y2UE8KIMbWEpjJJ+nlj8zQBfVRtH09aAo3H/GnAYFJjnNABtH+TSFRj/69OooAaqjaPp60gUbj/jTwMCkxyTQAjKOPr60u0f5NBGaWgCOJRsP+83f3NO2jcfp60qrtGB6k/maXHNADGUcfX1p20f5NBGaU57UANVRt/wDr00qPPX/dPf3FOXdt7U07vPXp90/zFADmUbT/AI0u0f5NI27aelL83tQAgUY/H1o2jd+HrQN2O3Wj5t/bpQA2ZR5En+6e/tXO/DlR/wAKs8Kf9gaz/wDRCV0U27yJOn3T/Kue+HO7/hVnhTp/yBrP/wBEJQBvso3Giht249KKAOd8ZSxltAxIv/IZt/4v96ukM0WD+8T/AL6Fc94z+9oH/YZt/wD2aulPQ0ARiaLA/eJ/30Kak0e+T94n3v7w9BUo+6Kan35P97+goAQzRbh+8T/voUGaLB/eJ/30KefvClPQ0ARrNFtH7xOn94UCaLcf3if99Cnr90fSgfeNAEUs0ewfvE+8v8Q9RTzNFj/WJ/30KJfuD/eX+Yp56UARrNFtH7xOn94UCaLcf3if99Cnr90fSgfeNADGmi4/eJ1/vCl86L/non/fQpzdvrS0AQxTR7D+8T7zfxD1NO86Ld/rE6f3hSxfcP8AvN/M07+L8KAGNNFx+8Tr/eFL50X/AD0T/voU5u31paAI1mi2/wCsT/voU0zR+ev7xPun+IeoqVfu00/69f8Adb+YoARpotp/eJ/30KXzov8Anon/AH0Kc33TS0ARrNFz+8Tr/eFHnRbv9YnT+8Kevf60fx/hQBFNNH5D/vE+6f4h6U/zov8Anon/AH0KJv8AUSf7p/lT6AIxNFz+8Tr/AHhQZoty/vE/76FPHf60H7y0AMM0WD+8T/voUCaLA/eJ/wB9CpD0NIPuigCJJo98n7xPvf3h6CnGaLcP3if99ClT78n+9/QU4/eFADDNFg/vE/76FCzRbR+8Tp/eFSHoaRfuj6UAME0W4/vE/wC+hTZZo9g/eJ95f4h6ipR9402X7g/3l/mKAAzRY/1if99CkWaLaP3idP7wqQ9KRfuj6UAME0W4/vE/76FDTRcfvE6/3hTx940N2+tADfOi/wCeif8AfQriPhpLGB4ty6jPia9I5/3K7quI+GfTxd/2M97/AOyUAdn50W7/AFidP7woaaLj94nX+8Kf/F+FDdvrQA3zov8Anon/AH0KRZotv+sT/voVJSL92gCIzR+ev7xPun+IeoqVXV/uMG+hzTT/AK9f91v5in0AFeYa/ayzfG+5udPtLO41Wz8KGbTzdw+YqTee4B4IIznGQQcE16fXH32g65H8UB4m0uLT7m1bR/sDxXF28Lq4kaQEbYnBBJUdQRknBxgrqvn+TKXwten/AKUn+Ryx+MdxdaVf6xpVlbz2FjpNpLKrbgwvblwqxFs4CoPvcE8jkVt+J9W8deGfBusaxPd+HZm06A3MTJYz4nULloynnfIQejh2yD91ccz+Cfh7b6H4T1TTNdt7O5l1q8nvL+GIFocyNxGu4AlVUAA4HPPFasfgTw7FpGpae9pNNb6nEIr1rm8mmlljAwFMruXCgE4AYAZOOpoldp20f672+T69UTG11f8Ar/h9/n92FeeIvFlvrnhjRIrrRmutat7mea7bT5QkQjVGULF5+T94g5cevGMGjoHxA8QeLZrDS9Kj03T9SFpPPfXFzbyTwFopzBtiVXQ4ZlLZLHaMDBzmtzxF4H/t3xh4dvyypp+lW9zFIqXEkU4MiqqGN0wQRtOTuBwe+avSeAfDb6fYWUVjJaxadEYbZ7O7mt5URvvL5kbq7BjyQScnk5PNN67ef62/T1BbW66f8H+uh5t4k+Ji6rpuhre6SWbUrG6lgtba4mina+jlECpHLGyNsbc+T3TJPGa2vDXjjX/EOneG9L0KHSdOvrvQjqcsk9tJJboqsI1ijjWRWHJ5bcdoHQ5FdqfBXhz7fpd2ulQJNpMD29j5eVWBHGGCqDt5HfGarv8AD7w02l2GnpYzW8GmwmC1a2vZ4ZY4j1TzUcOVPGVJIOB6UdH/AF3t+a+63quv9eX+T++/pi6zrvjOy8Y+HtGjutCtxrUUzOGsJp/szRRqzAP50fmAknB2pgY4NYUXxO8Qv4guYSLA21v4hOlGFtLuI1MIkC7zeNJ5IfB4QjJOABkgV6OvhnRkutJuY7GOOTR43isPLZlWBHUKwCg4IwAOQcdqy/8AhXPhhr6a5NpcsZr37dNAdRuDbvPuD72g8zyydwB5XHAp6cy7f8Ffpp/VxvWFuv8AwH+tjmtO+JOsXnj3T7Bbe0uNE1G/ubGK5ht5ECPCrHiV3BkPyc4hCAnAdtpz0uv69qy+L9N8NaA1nbXN1azXkt3ewPOiRxlV2qiumWLOOdwwAeDkU60+HXhex1mHVLXTnjure4kuYD9rmKQySbt5SMvsQNuOQoAPGRwMXNe0XQ9avbCLViyXqGRrOS3u5LacDHzhXjZX24IyM4PGegqVsr/1p/nr+A3u7f1r/kcMvj3xXqP/AAjjWEmj2Y1bUZ9MmjnsJZ/JlhEu+RWEyblYxcKVBAPJOK3NI8Q+KPEOsakdJ/siOw0rUjp08NzFKJZyiqZJVcOQnLfKhRsgfeGQR0EfhPQoodJih0+OKPRpDLYJGzKIWKlScA/MSGbO7OSc9eahuPBWgXWtnVZrJjctMk7otxKsMkqfdkeEN5buMDDMpIwvPAw1vr/W3/B0899BdNP63/4Gvkcponj/AFvXtc07w9bx2EOrRpe/2wzQuyWxhfy4yqbwcO5VsFvugjPcVI/iD4m0/QfFerau2k3iaFftpsMFrZSwGaUmIJIztM4Vcy8rgnj71dH4R8H3Gk+LPEviXVUs477W5o9sVpI0ixQxoFXLMqksxyTx6da2k8KaIllqtp/Z8b2+sTPPfRSMzrM7AKxIYnHCjgYAxxQtrve343X3aXXqPS/lf8P+HOY8T6t468M+DdY1ie78OzNp0BuYmSxnxOoXLRlPO+Qg9HDtkH7q45pa/wCMvE2h3/hrTpLrT3m1eG4mnubfQbq62BFRlVYIpi/8RBbJHfArqYvAnh6PSdS05rOaeDVIxFeNc3k00syAYCGV3LhQCcAMAMnHU1Nq3g/RdbuLGe9iuVn05GjtZrW+ntniVgAw3ROpOQo60df68/8AgC6f15f8E88X4v6tp+gJqGu2mng3mkzz2K2+797dxTeWYmG84LB4m2feU71bkVb174p6t4Y1K/03UrC3uL2DTLKSLyLeYRfap3ZG8yT5ljjBAI3EE8jJNams/DWC+1LwxY2NpZ22g6JfnUpGeeSS4mm+Y7fmByCxDM7OSemO9dRe+E9D1G61G4v9PjuJNTtktbvzGYrLEhJVducDBYnIAPvwKP8AP8Nf1dvkmHX+vL9F+Njh9d8ceKdH0/xVCs+jS6h4atY72SX7BL5V1HIjEJs8/MbAoedzggg4FJrVnM3jr4danq40+fVZ7udXu7SzMBMf2aRlT5ndsAk/xYzzgV2MXgfw9HoupaX9jkmttVBW+ae7mlluBt24aV3LnAGB83HbFUdd8N6nqPjTwtdWaWUWlaJLJNIz3D+cxaJowqpsIwMg5L+vHqdfu/4P9f5h0fo/+B/X+R11ISFGWIA9TS0UARrNFt/1if8AfQppmj89f3ifdP8AEPUVKv3aaf8AXr/ut/MUAI00W0/vE/76FL50X/PRP++hTm+6aWgCMTRY/wBYnX+8KPOi3f6xOn94U8dPxo/j/CgCKaaPyH/eJ90/xD0rnvhzLGPhb4VBkUH+xrP+L/pgldJN/qJP90/yrnvhx/ySzwp/2BbP/wBEJQBuNNHuP7xf++hRT3+8aKAOe8ZD5tA5P/IZt/8A2aukI4PJrm/GW7doHT/kM2//ALNXSHdg9KAAD5Ryaag+eTk/e/oKcN2B0pqbt8nT739BQA4r8w5NBHB5NB3ZHSg7sHpQAKPlHJ6UAfMeTQu7aOnSgbtx6UANlHyDk/eX+Yp5XjqaZLu2Dp95f5inHdjtQAKPlHJ6UAfMeTQu7aOnSkG7celACsOnJ60uPc0jbuOnWl+b2oAZEPkPJ+838zTtvz9T0psW7Yen3m/mad827t0oAGHTk9aXHuaa27jp1p3ze1ACKPl6mmkfv15P3T/MU5d23tTTu89en3T/ADFADmX5TyaXHuaRt209KX5vagBFHXk9aMfP1PSkXdz060vzbu3SgBsw/cScn7p/lT8e5pk27yJOn3T/ACp/ze1ACKvXk9aCPmXk0Ddz060h3bh0oAUjg8mgD5RyaDuwelA3YHSgBqD55OT97+gpxX5hyaam7fJ0+9/QU47sjpQAEcHk0KPlHJ6UHdg9KF3bR06UAAHzHk02UfIOT95f5inDduPSmy7tg6feX+YoAeV46mkUfKOT0oO7Hahd20dOlAAB8x5NDDpyetIN249KVt3HTrQAuPc1xHwzHHi3k/8AIz3v/sldv83tXEfDPdjxb0/5Ge9/9koA7bb8/U9KGHTk9aPm3dulI27jp1oAdj3NIo+XqaX5vakXdt7UANI/fryfun+YpzL8p5NNO7z16fdP8xTm3bT0oAXHuaRR15PWl+b2pq7uenWgBcfP1PSmzD9xJyfun+VO+bd26U2bd5EnT7p/lQA/HuaRV68nrS/N7Ug3c9OtAAR8y8mgjg8mkO7cOlKd2D0oAAOByaag+eTk/e/oKcN2B0pqbt8nT739BQA4r8w5Ncxrg/4uH4X5P+qvf/QErpzuyOleRa18XPCcfjLTLjUb9tPl0c3sF9a3ETCWKTCqAAAd+SDgrkUAeuqPlHJ6UAfMeTVPSNQOraNaagtvLbJdRLKkU42yKrDI3AZwcY47VcG7celAC49zQV46mj5vakO7HagAUfKOT0oA+Y8mhd20dOlIN249KAFYdOT1pce5pG3cdOtL83tQAyIfIeT95v5mnY+Y8npTYt2w9PvN/M075tx6dKABh05PWlx7mmtu46dad83tQAij5epppH79eT90/wAxTl3be1NO7z16fdP8xQA5l+U8mlx7mkbdtPSl+b2oAQDjqetGPn6npQN2O3Wj5t3bpQA2YfuJOT90/wAq574cj/i1nhTk/wDIGs//AEQldDNu8iTp90/yrnfhzu/4VZ4U6f8AIGs//RCUAdAw+Y8mihs7j0ooA5/xkw3aB/2Gbf8A9mrpCwwea5zxl97QP+wzb/8As1dIehoAQMNo5pqMN8n+9/QU8fdFNT78n+9/QUAKWG4c0Fhg80p+8KD0NACKw2j6UBhuPNKv3R9KB940AMlYbB/vL/MU8sMU2X7g/wB5f5innpQA1WG0c9qAw3GlX7o+lA+8aAEZhxz3pdw9aG7fWloAjiYbD/vN/M07cN3XtSRfcP8AvN/M07+P8KAEZhx9aXcPWhu31paAGqw29aaWHnr/ALp/mKev3aaf9ev+638xQArMNp5pdw9aG+6aWgBqsOfrRuG/r2pV7/Wj+P8ACgBkzDyJP90/yp+4etNm/wBRJ/un+VPoAaGHPPegsNy0o7/Wg/eWgBCwweaAw2jmlPQ0D7ooAYjDfJ/vf0FOLDcOaRPvyf739BTj94UAIWGDzQrDaPpSnoaF+6PpQAgYbjzTZWGwf7y/zFPH3jTZfuD/AHl/mKAHFhikVhtHPanHpSL90fSgBAw3GhmHHPelH3jQ3b60AG4etcR8M2GPFv8A2M97/wCyV3FcR8M+ni7/ALGe9/8AZKAO13Dd17UMw4+tL/H+FDdvrQAbh60isNvWnUi/doAYWHnr/un+YpzMNp5pD/r1/wB1v5inN900AG4etIrDn606kXv9aAE3Df17U2Zh5En+6f5U/wDj/Cmzf6iT/dP8qAHbh60gYc896dSDv9aAELDctBYYPNKfvLQehoAQMMDmmow3yf739BTx0FY134jtLW8ms7RJNRvg3NtagMU4H32PyoP94j8amU4wV5M0p0p1XaCv/X4GwWG4c14X8Q/h54e13446NrNxe2qWZwdZiY/Lvjx5Qc9Bv4QgkcL6mvU20/VdY+bWrv7Jbn/lxsHIyPR5eGP0XaPrWla6dZ2Vl9ktLWGG3wR5SIApz1yO+f1rgqY3W0EdPsqNP+I+Z+X+bvf5K3mXkkVo1ZWBBAII70oYbjzXP/2BJpzGTw3dmw5ybR18y2f/AIBnKf8AACPoafF4lFnIIfEdqdMdiFW43b7Zz7SYG3Po4U/WtqeKhPR6MTwrlrRfN5dfu6/K/nY3tw9aCwxQpDKGUggjII70p6V1nGNVhtHPagMNxpV+6PpQPvGgBGYcc96XcPWhu31paAI4mGw/7zfzNO3Dcee1JF9w/wC838zTv4j9KAEZhx9aXcPWhu31paAGqw29aaWHnr/un+Yp6/dpp/16/wC638xQArMNp5pdw9aG+6aWgBoYY/GjcN/XtSjp+NH8f4UAMmYeRJ/un+Vc98OWH/CrPCn/AGBrP/0QldFN/qJP90/yrnvhx/ySzwp/2BbP/wBEJQBvOw3Hmilb7xooA5zxkjbtA/eMf+Jzb9h/te1dIUbB/ev+Q/wrnfGRO7QOP+Yzb/8As1dIScHigBoRsD96/wCQ/wAKaiNvk/ev970HoPapATtHy01Cd8nH8X9BQAFG3D96/wCQ/wAKCjYP71/yH+FOJO4fLQScHigBqo20fvX6eg/woCNuP71/yH+FOUnaOO1AJ3HigCOVG2D96/3l7D1HtTzG2P8AWv8AkP8ACklJ2Dj+Jf5inknH3aAGKjbR+9fp6D/Cs/V9S/suFdnmXF1O4itrdSoMr4JxnHAABJPYA1pKTtHy9q4LxzbTarH4nghgknltvDzJbQohdmebzQdqjkk+Ug4561hXqOnC63OrC04zneey1f5L8Wr+RtroV3fL5mvatdzOefIs5mtoU9hsIZvqx59B0pl34e0Wxspru7mvooII2llkbU7nCqoyT/rOwFeaQ6dc2Wm6hNounm3UT6dLmy8LXdnCjR3GWb7GT5krBeWdTyAo4xk7d7F4h8X2skM1uwdrK/tba9/s+exWQvFFtYxSkvF85ZeTztJHFeVKLfvOX9af5/5GscXWcklJxWmzsvw0/rU39K0y21G6aOXQPEWnwbS6XN1qp2ScjACpcs4Jzn5lHTnB4rW/4RPS/wC9qH/gzuf/AI5Xn2o6fGLW5n8JeHNRtIo7Bv7TgGnyQveT+bEyDDAefINsuZBuHzfe5pviDSr+E6pd6za3Mz6hdaPLOkJJUn7U26GM9DtTapAxu64Bajku0k7bfi7f8H7u5n9dxKjdzf3vseh/8InpfrqH/gzuf/jlH/CKaX/e1D/wZ3P/AMcrg72xt00q5j0/ww48O3OoIbe2uNKuHht8QndKdPQB3QyADYVUbv3noxzBoeqx+H9Ntr3ToV0m1vr7zrOfw9Pdwgu4aBls0kLbNpfbhmCFsEA/dSjfS5f1zEf8/H978/8AI9P/AOET0v11D/wZ3P8A8co/4RPS85zqGf8AsJ3P/wAcrjbLwRY3UnhWfWNBtb+dJJxPcXOlKjCII/kq4ZpGVVGwKHYkYGcHgdJ41uLnR7a11vTofOurdjarGP4/PwiD6eb5X0GamUbPlTv/AFoKOMxMvtv72Xv+ET0v+9qH/gzuf/jlH/CKaX/e1D/wZ3P/AMcrk5NBstK8VWcWq6PqGqiC1s4dJureB5DDIjt5rGRcCEnKM5ZlDrkfNgrTNW8IaRZ694t1ODw9ZQH+xFeG7SyRf3zC580q4X75BXcQckEZ7USSUW77FxxWIk7e0l06vr8zr/8AhE9L9dQ/8Gdz/wDHKjufDOmW9rLMseqTmNCwji1K4LvgdBmQDP41wdrpLy6bu8KaLfafF/ZQj1ZGt3gkvJfMhJAc486TyxOPNUsCXHzHNSXdobeC8u/B3hu9h0lbrTWh06Owe0824S4zK6wuqlBsMYZyoB2k84Jq3TtK1/6vb/gruZ/XcTy83O/vZ2GmaLo+rWIuoYdahiZiqrd3d3A7AcZ2O4YDr94DPXoQTc/4RTS/72of+DO5/wDjlcDL4dntb+9bxJp9zq2mPrSXOoolm863JaxRQ4hAYyRrLgBQG24B/hJGxrHhHRdaXwhcy+FklC3CRyrqFos88VuLebakrNuOAxXhmI3Y70OCute35f1/Whf1rE3/AIj2b3f9f8E6b/hE9L/vah/4M7n/AOOUf8InpfrqH/gzuf8A45XnFpo0tv47eW00tIr0axM0csfh6eGXym3AM1//AKtowpzsxyAFzmtnwfpsUGr6OdO0S907UILd11+6mtHhFzJsx88jAC4YyZYOpfA3fMN2GlRvHmv/AFa4njMSm1zy+997HXf8IppnZ9RHuNUuR/7UqOW31XQl+0WN5c6lZIMy2c5DzBe5jkIySP7rZz2IrlfGGlapqniHxHZW1ldfYb3QYhLcxqcSFDcfuFI5LsXXOOi56ErT7iziPjLRZLfRrxNTheETXUlhK2+LywDsusmOGNfm3RHBds8AsC1Q5lK8Zf1/X+ew5Yqqv4j512evRfNPXdanoNjPFf2wurO5MsEwDxyLjDAqCD0qwUbcP3r/AJD/AArntDurbR4tfju54raysL9m82WQJHEjxxynJPAAaRqXwv450fxnc3w8OPLeWthIIpL0JtheQjJRCeWIGCTjHzLgnNexTnzwUjmr01TqOK26ej1X4HQFGwf3r/kP8KFRto/ev09B/hTiTg8UKTtHHatDEaEbcf3r/kP8KbKjbB+9f7y9h6j2qQE7jxTZSdg4/iX+YoAUxtj/AFr/AJD/AApFRto/ev09B/hTyTj7tIpO0fL2oAaEbcf3r/kP8KGRuP3r9fQf4U4E7jxQxPHHegBPLb/nq/5D/CuI+GiEjxb+8Yf8VNe9h/se1dzk/wB2uI+GZOPFvH/Mz3v/ALJQB2mxt3+tfp6D/Chkbj96/X0H+FOyd/3e1DE8cd6AE8tv+er/AJD/AApFRtv+tf8AIf4U/J/u0ik7elAEZRvPX96/3T2HqPanMjbT+9f8h/hQSfPXj+E/zFOdtsbMwOACTQ3bUBPLb/nq/wCQ/wAKRUbn96/X0H+FZHhHxRD4w8PxazZ2F5Z2s5Pk/a/LDSqONwCO2BnI5weOlbdNq24Eext3+tfp6D/CmzI3kP8AvX+6ew9PpU1c/o/iqDXr7W9OSwvLK60h1iuEuvL+bem5SpR2BBXB5weelIDd8tv+er/kP8KQI3P71+voP8Kfk/3ax7zxJa2109naRy6hfqeba1AYp/vtnag/3iPxqZTjBXkzSnSnVdoK/wDX4GqUbcv71/yH+FZF/wCILa2uWsrNp9Rv162tqqsU/wB9vuoP94j8artp+q6x82tXf2S3P/LjYORkejy8Mfou0fWtSzsbXTrVbewt47eFeiRqFH1+vvXn1Mb0po6VTo0vjfM+y2+b6/L5MyhpurasM63fG2tj/wAuNi5XI9HlwGP0XaPrWrZ2Nrp1qtvYW8dvCvRI1Cj6/X3qeiuCUpTd5O4p1pzXLsuy2/rzeoUUUVJiFI6LIjJIoZWGGVhkEelLRQBiHQJdPJk8NXh045ybVl8y2b/gH8H/AAAj6GnR+IzaOsPiOKTTJCdq3GQ9tIfaTA259HCn61s0josiMkihlYYZWGQR6VtTr1Kez0On2yqaVlzeez+/r87+ViRFLRqyzMVIBBGOf0pQjbj+9f8AIf4Vgf2BJpzGTw3dnT+cm0dfMtn/AOAZyn1Qj6Gnx+Jvscoi8R2h0x2IVbjdvtnPtJgbc+jhT9a9KnioT0ejIeFctaL5vLr93X5X87G4yNx+9fr6D/Cl8tv+er/kP8KN+5VZeQeQQeDTsn+7XWcZFEjbD+9f7zdh6n2p2xtx/ev09B/hRETsPH8TfzNOydx+XtQA1kbj96/X0H+FL5bf89X/ACH+FKxPHHelyf7tADFRtv8ArX/If4U0o3nr+9f7p7D1HtUik7elNJPnrx/Cf5igAZG2n96/5D/Cl8tv+er/AJD/AApWJ2n5aXJ/u0AMCNj/AFr9fQf4UbG3f61+noP8KcCcdO9GTv6dqAI5kbyH/ev909h6fSue+HKMfhb4V/eMP+JNZ8YH/PBPaujmJ8iTj+E/yrnvhyT/AMKs8Kcf8waz/wDRCUAbrI24/vG/If4UU5idx+X9aKAOf8ZEbtA5/wCYzb/+zV0pIwea5rxkBu0Dgf8AIZt//Zq6UqMHgflQAAjaOaYhG+Tn+L+gp4UbRwPypiKN8nA+96ewoAcSNw5pSRg80hUbhwPypSoweB+VAApG0c9qQEbjzQqjaOB09KAo3HgflQA2UjYOf4l/mKeSMdaZKo2DgfeXt7inlRjoPyoAFI2jntWBbnHjzVgerWFoR7jfOK3lUbRwOnpWHrlvPZ6hBrdjC87W6GG6gjGWlhYg5Ud2UjIHcFh1IrlxUHKlodeFablT/mVvndNffa3zNaioLK+ttRtUubGdJ4X6OhyPp7H2qevFM5RcXZrUKr3thbajFHHeR+YkcyTKNxGHRgynj0IBxViins7k+QUUUUDKd5rGmafd2trqGo2lrcXjbLaGedUeduOEBOWPI4HrWVqWt+EptetdO1LXdNXUra4UxWL6iqP5pHyAxbhuPIKhgcHBHODVLWbDUIfF0t9DoY1y2v7OC12NLGiWrRysxZ95+6d4PyKzZj6dKhvtA1OaDVljtsm48Q2d7F+8X5oY2ti7deMeW/B544HIrWEYtq7/AKul/wAH5Clvb+tn/wAMdUNUsD5GL62P2iVoYf3y/vZFzuReeWG1sgcjafSqjaroOs6dfwjU7G6tY91teeVdKRET8pRyp+U84xwa4e08G67NPp9zfwLDJaaxdtAqzK3kW0guT53X7ztLHwCSAq9Duq1Boer3HgafRf8AhHV0y8t7C2slvUmgZ7kxtyU6/uxyy+Zg5Y5Qc5ThGz1/r+vzC7Vrf1/X9bnXza/oOlWEj3Wr6faWtnILWSSa7RVhkwCI2YnhsEHB55q9aXdtf2kV1Y3EVzbzKHjmhcOjqehDDgj3ridRsPEFla2Vrp2mTyLa3Ewe/sBatdkP8wlj+0NsXcWZZMjOc7VwQRteBNMv9H8IwWOrRGO7jnnL/Oj7g0zsGygA5BB4Vev3V6AcVy81xaq2h0VFFFZlBRRRQAUUVn6rrEOmIqKpuL2bi3tIz+8mb6dh6seAKC4QlUlyxV2efeLfhZp/xNuNeW61O9sZ7fUFEDxSFod32WEEtETtbuMjB7ZwMVW+GPwovPDOm3ui+JJr9RDcGW1vNL1q6ghuEYcgxpIu1wRzxyCME4Jr03w/pj6ZpzRXTrLdSStNcSKOGkf5mx7DOB7AVplRuHA/KveoxcKaixYmUZVXy6pWXrZJX+djmT4B0rB/4mXiL/wo77/49QPAOlbR/wATHxF0/wChjvv/AI9XTlRg8D8qRVG0cDp6Vqc5zA8A6VuP/Ey8Rf8AhR33/wAepJPAWlBR/wATHxF95f8AmYr71H/TauoCjceB+VNlUbBwPvL29xQBzf8AwgOlf9BLxF/4Ud9/8eoHgHSto/4mPiLp/wBDHff/AB6unKjHQflSKo2jgdPSgDmB4B0rcf8AiY+Iv/Civv8A49Q3gHSuP+Jl4i6/9DHff/Hq6cAbjwKGUccDr6UAcz/wgOlf9BLxF/4Ud9/8erkPh74N068/4Sfzb7XE8nxFdxL5OuXceQNuC22Ubm9WOSe5r1baPQflXEfDMDHi3gf8jPe/+yUAX/8AhAdK3f8AIR8RdP8AoY77/wCPUN4B0rj/AImPiLr/ANDFff8Ax6un2jd0HT0oYDjgdaAOZ/4QHSv+gl4i/wDCjvv/AI9SL4B0rb/yEvEX/hR33/x6uo2j0H5UiqNvQflQBy58BaV5yj+0fEX3T/zMV97f9NqtWXhSw0mZ7q2vNYlkWNgFu9YurhOR/ckkZT9cVuFR568D7p7e4pzqpjYEcEYNTJXi0NaM8L8Jabrd5ovwtuNBCxG3tdQ827nsnuIYdwwA4V0xuwQMsOfWs6DwzrieD/CMes6VK+m29heRz2lzoc+oeXctKSjG2RldWKbgsh4XJ6bga9y8PeG9M8K6WNO0OKaG0ViyRSXUswTPZfMZto9hgdeOa1Ac5+tXO0m/67/5iWiSPIbnwDDc618O31jQl1aZY5U1e8vdORpJAtqRH9pILjIIUDc7DcODWvoOnw6j42+I9lM88MT3Fl81rcPA64t1Iw6EMOnY8jjoa9Hz82PasfTfDOl6FJqd1psMy3GosJbqWa6lnaRgMDmRmwAOABgAU+a7b9fzTFbReX/BKS+BNLXO3UdfOQR8+vXkg5/2WlIP4imWtjqfhiDyLK3h1PTkOQsCJDcJ77RhJPqNp9jXUbR6D8qQKOeB19K56tCFX4jqpYidOPI9Yvo/6uvkZenazY6qHFnNmWPiWB1KSxH0ZDgr+Iq9VbU9DsNVaN7qHE8efKuImMcsf+664I+nQ9xWcya7o3X/AIndmvcbY7pB9OEk/DafY15lTC1IarVGqhSq/wAN2fZ/o9vvt8zaoqjp2sWOqhxZzZlj4lgdSksR9GQ4I/EVerlMZwlCXLJWYUUUUEhRRRQAUVBeX1rp1q1xfXEdvCvV5GCj6fX2rLGoarq/Gi2n2S2P/L9foVyPVIuGb6ttH1qoxlN2irm0KM5rm2Xd7f15LU1Ly+tdOtWuL+4jt4V6vIwUfT6+1ZJv9S1tWi0iyW2tHGGvNRjIDA/3IeGbju20fWrth4btLe4S9vXk1G/HIubshin+4v3UH+6B+NawA3HgV308F1qMftKVL4FzPu9vkuvz+4ytD0C20C1MVvNNIXbLbm2oD/sxrhEH+6B+Na+R601lHHA6+lLtHoPyr0IxUVZHNUqTqzc5u7YyIjYef4m/mafkbjz2pkSjYeB95u3uadtG48Dp6VRmDEcc96dketNYDjgdaXaPQflQAikbetNJHnrz/C38xTlUbeg/KmlR568D7p7e4oAcxG0807I9aayjaeB+VLtHoPyoAARjr3pMjf17UBRjoOvpRtG/oOnpQA2YjyJOf4T/ACrnvhwR/wAKs8Kc/wDMGs//AEQldDMo8iTgfdPb2rnvhwB/wqzwpwP+QNZ/+iEoA33PzGihgNx4ooA5/wAZD5tA5P8AyGbf/wBmrpCvB5Ncz4ydt2gfu2H/ABObfuP9r3rpS7YP7p/zH+NAChflHJpqL88nJ+9/QUB2x/qn/Mf40iMwZ8xPy2RyPQe9ADyvzDk0FeDyaaXbI/dP+Y/xpS7YP7p/zH+NACqvyjk9KAvzHk00O20fun6eo/xoDtuP7p/zH+NABKvyDk/eX+Yp5XjqajkZioxE/wB4HqPUe9O3t/zyf8x/jQAqr8o5PSgL8x5NNDttH7p+nqP8aA7bj+6f8x/jQBl3nhjS7q6a6EUttcyH557Od4Hc+rFCN345qL/hE7b/AKCWsf8Agyl/+KrZLtx+6fr6j/Gl8xv+eT/mP8aydGm3dxR0rF4hKym/vMKPwpbspJ1LWPvEf8hKX1/3qd/widtux/aWsdP+glL/APFVsxswU5if7xPUep96Xe27/VP09R/jS9hS/lQ/rmI/nZinwnbDH/Ey1jr/ANBKX/4ql/4RO2/6CWsf+DKX/wCKrZZ2OP3T9fUf40vmN/zyf8x/jR7Cl/Kg+uYj+dmIvhO2I/5CWsf+DKX/AOKpp8KW/mqv9paxgqT/AMhKX2/2q3FdgP8AVP8AmP8AGkLN5ynynxtI6j296PYUv5UH1zEfzs4rxnov9j+Eby+sdV1dJ4jHtY6hKcZkVTxn0Jrd/wCETtv+glrH/gyl/wDiqg8d211qHgu+trK0mmmcxbUQAk4kUnjPoDXQ+Y3/ADyf8x/jR7Cl/Kg+uYj+dmIPCdsc/wDEy1jr/wBBKX/4qj/hE7bdj+0tY6f9BKX/AOKraDsM/un6+o/xo3tu/wBU/T1H+NHsKX8qD65iP52YcnhS3WJ2GpaxkKSP+JlL/wDFU/8A4RO2/wCglrH/AIMpf/iq2JWZoXAifJUjqP8AGneY3/PJ/wAx/jR7Cl/Kg+uYj+dmIPCdtz/xMtY6/wDQSl/+KoPhO23D/iZax/4Mpf8A4qtoO3P7p+vqP8aC7bh+6f8AMf40ewpfyoPrmI/nZinwna4OdR1g/wDcSm/+Kq7pmhadpO97G3CSyD95MzF5H/3nYlj+Jq8XbB/dP+Y/xpA7Y/1T/mP8aqNKnF3ikTPE15x5ZTdvUEX55OT97+gpxX5hyaYjMGfMT8tkcj0HvSl2yP3T/mP8a0OccV4PJoVflHJ6UhdsH90/5j/GkDttH7p+nqP8aAHBfmPJpsq/IOT95f5igO24/un/ADH+NJIzFRiJ/vA9R6j3oAkK8dTSKvyjk9KTe3/PJ/zH+NIHbaP3T9PUf40AOC/MeTQy9OT1podtx/dP+Y/xoLtx+6fr6j/GgB+33NcR8Mxx4t5P/Iz3v/sldr5jf88n/Mf41xHw0cgeLf3bH/ipr3uP9j3oA7jb83U9KGXpyetN3tu/1T9PUf40M7cfun6+o/xoAft9zSKvy9TSeY3/ADyf8x/jSK7bf9U/5j/GgAK/v15P3T/MU5l+U8moy7eev7p/unuPUe9OZ22n90/5j/GgB+33NIq9eT1pPMb/AJ5P+Y/xpFduf3T9fUf40AO2/P1PSmzL+4k5P3T/ACo3tu/1T9PUf402Z28h/wB0/wB09x6fWgCXb7mkC9eT1pPMb/nk/wCY/wAaQO3P7p+vqP8AGgBxX5l5NBXg8mml23L+6f8AMf40F2wf3T/mP8aAKWo6FYat5b3cR8+MfuriJiksf+645H06HvWbjXdIZgR/bdmhxkbY7pBjPThJPw2n2Nb4dsD90/5j/Gmo7b5P3T/e9R6D3rCpQp1N1qdMMROMeSXvR7P9Oq+Rn6drFjqgcWc2ZY+JYHUpLEfRkOCv4ir1U9T0ey1Zo3u7RxPH/qriJ9ksf+64OR9Oh71z17fa9pWvadoMV1Fdf2kszQ3lzCPMhWIKW3BSFc4YYPy++a86phKkX7upqo0amsJcvk/0a3+5eVzpry+tdOtWuL64jt4V6vIwUfT6+1Za6hqusfLolp9ktz/y/X6EZHqkXDN9W2j61YsPD9tbXCXt4s+o345FzdMrFP8AcX7qD/dA981rh23H90/5j/GtqeC61GJ1KNL4FzPu9vkuvz+aMuy8NWltdLeXkkuo369Lm6IYp/uKPlQf7oH41rleOppvmN/zyf8AMf40GRsf6p/zH+NehGMYK0Uc1SrOq7zd/wCvwFVflHJ6UBfmPJpqu20fun6eo/xoDtuP7p/zH+NUZjmXpyetLt9zTGduP3T9fUf40vmN/wA8n/Mf40AJEvyHk/eb+Zp235jyelRxO2w/un+83cep96dvbcf3T9PUf40AOZenJ60u33NMZ24/dP19R/jS+Y3/ADyf8x/jQAqr8vU00r+/Xk/dP8xQrtt/1T/mP8aaXbz1/dP909x6j3oAkZflPJpdvuaYzttP7p/zH+NL5jf88n/Mf40AKF46nrRt+fqelNDtj/VP19R/jRvbd/qn6eo/xoAJl/cScn7p/lXPfDkf8Ws8Kcn/AJA1n/6ISt+Z28h/3T/dPcen1rnvhy7D4W+Ff3bH/iTWfOR/zwT3oA6Fh8x5NFNZ23H9235j/GigDC8ZH5tA/wCwzb/+zVP428TN4Q8H3mtpZi9a2MYEBl8oOXkVPvbWxjdnoelV/GQG7QOB/wAhm3/9mrK+M4x8JtWx/wA9Lb/0ojo6peg47nS2/iGwEYj1LUNMtr5JI4Li3jvVcRTyDKxZIUkt/CCoJ9KLnxV4es4Fnu9e0yCJ52t1klvI1VpVOGjBJ+8DwV6ivOvH3g3xN4s8XQXenW0un21leWCJcQTQ+ZcxrIXkmIckDys/KMbiWbhgQKzbrwR4sVbO4/sy82waLPor2emXNpmXEpKyFrreBHKuCxGZAeoNHS/n+l/+B/nZgl5/1/wP06XR6tqvi3w5oV0ttrev6Xp07JvWK8vY4mK5xkBiDjg8+1Pu/FGgWDWYvtc022N8A1oJruNPtAOMFMn5s5HTPUV55/whOt+brkcVhOI08ILolo9xdRSNdTBX6MCOBlRudUyecAVheKfAvjDUNEk02HRprgP4dtLS3+yXkFuqXEYPmLcPuV5QOiLlo8tkgH5g9F/Xr/kvvEtf6/w/5v7j2WfXdItdXh0q51Wyh1G4XdDZyXCLNIOeVQncRweg7Gqdj418LanqCWOm+JdHvLyQkJb29/FJIxAyQFDZPAP5V5ze+AfEEvirUlki1KWx1S/s71ZLS6s4oYfKVB+9aSN5gyGPIEeVOQMrkmu10PRNQs/id4q1a5t9ljqEFkltLvU+YY1kDjAORjcOoGc8ULz/AK2Do/66/wBM1tV8V+HdBuUt9c17TNNndN6xXl5HCzLkjIDEEjIPPtTNQ8Y+GdJaFdV8RaTYtPEJohc30UZkjPR13MMqfUcVxHjfw74huviNJqmlWusNYzaF9geXSpLHcXMrMUcXJHy4I5Xn3rEk8G+LLS/0qWLS9RtYk8LR6XOmgz2bCOUOxMR+1sSUAI5Uk56Mam7tf+uv+S+/0vTSvb0/9t/zf3HrN14j0Sxkso73WNPt31DH2NZbpENznGPLBPz/AHh0z1HrTrnxBo1lq0Gl3mr2NvqFwAYbSW5RZZQSQNqE5PIPQdq8cn+HPicWwhl0+58jUtBtdNms9JvLZI7cx5DJJJcrI4TD7g0W5shuD8pPWWXh/VdG8Qa3Bc+G18RW2sX1tdR3lxcQ+XCqIiYl3/PuQoWXZG2cj7pzitOa39b2/LUzu7X/AK2/pHV2njjwnf3i2lh4n0a5uWzthh1CJ3OASflDZ4AJ/Cr1vrmk3c1rFa6pZTyXkJntkjuEYzxjq6AH5l5HI4rmLPw/qcXjvxpqMlti11SytIrSTzF/eskcgYYzkYLDrjrXE/DT4b+J9A8S+GNZ8QwkzwaXPZXSidGSzRfLWCIAMckgOxK5GWPPSktXb+uv+SKlpt/W3+b+49V1XxX4d0G5S31zXtM02d03rFeXkcLMuSMgMQSMg8+1NvPF3hvTljOoeINKtRLGssZnvY03o2drDLcg4OD3wa5Pxb4W1jU/F2u3tjZ+bb3fhKbToX81F33DO5CYJyOCOTx71ywsdSsfGTaamgHVb4eBYLKS1WaJSrl2Ugs7BSmRhiGzxwGoW3n/APtf5L7ymkn5af8Atv8A8k/uPXNT8Q6NoslumsavYae9ycQLdXKRGU8cLuI3dR09RT7rW9KsmuVvNTs7drSJZrkS3CKYYySA75PyqSDgnjg15tZeENf8Mb0k0pvE32vw5b6SXjmhUQyRhgwfzWU+U28HK7j8pyvSuX174R+Lr6K603d9psY/DNvbGSOdVN9eQK4jj5IIQM4bLAA7V560S0vb+t/8l63JWtr+X6f5v7j26XxDosOpW2nzavYR3t4ge2tnuUEk6nOCi5yw4PI9Krr4x8Mvq/8AZSeItJbUfNMP2MX0Rm8wHBTZu3bs9sZritb0LXrt9LsLPwtGPJuLCaa+FzAIbgRYyJ+VmDRkEoE3AnGSRlawl8G+LF1i/hOl6jLbzeKTqkMcs9mLAxecGErFWFyHABYAcZC5UjIqrLmt5/5f5v7vuV/c5uun5P8AyX3nra+INGfW20ZNXsW1RRuaxFyhnAxnJjzu6c9OlV28XeG01j+yX8Q6UupeYIvsRvYxNvPRdm7dn2xXnj+FtdtdIXRZtKYC08QNrLa4JoSjxCYzEhd3meaVPl4KgdfmxWFPcay3h7Stav8Aw3qUNrL4ri1yS6eW1KC3lfZEAFmLltrx8beOfSpjq1fy/G3/AAfuHLS9vO3yv/wP/Aj2c+INGUIW1ewG+5NomblPmnHWIc8uMH5evtVWx8a+FdUvkstM8S6PeXb52QW9/FJI2AScKGJOACfwryW2+GXiuTxdHq19A32ez8WteWdstwm1bV3Z5Lhvm5J/dqF+8Ap45rrdS8F6zql58SIolW1TxBawQ2Fw8g2uVtyjZCkso3ccj6ZpfY5uttvkv8/wKt77j07/ADa/LU7S08T6Df6bc6hY63p1zZWmftFzDdxvHDgZO9gcLgc81BaeNPC1/Dcy2PiXR7mO1j824eG/icQp/eYhvlHueK80fwh4kl8KeJc6RrM2oahosekww3d5p43EK2CFhCII0LEBmcuQT8nAq74r8Da/fTa6thZC4W48IJpcDiZFElwHY7PmYY4IOTge9OWl7f1o/wDJfeQtfw/NL9X9x6lc31pZ2L3t3dQwWkaeY9xLIFjVeu4seAPemDVdPaeaEX1sZYIhPLGJl3RxnOHYZ4U4OCeODXld9ovj3VvCmvaM9vqc1lcaG0EEOrvYLK13nAETWxChNucmQ5ztx3qPUPhv4lun8Swm7mvRfaTYQwT3zwL5rwyM7wERIuFxhclf4upoe/l/w/8AkvvGtv68v839x6hY+I9D1PTZ9Q03WdPvLK2z59zb3SSRxYGTuYHAwOTntVVvG/hRNOS/fxPoy2UkhiS5OoRCNnAyVDbsEgHOK4DxN4P8Q+LrvVNXt9IbSQbOzgTS7ueHffGC589gxiZkClfkXLdSc7RzW54j0zVPEvgDxdBaeFF0rUNStjFCkk8H2i8by8AyFCUGPujMjcDnb0pS0i2t/wCvz/Aa+JL+v6X4nW6f4j0PVmhXStZ0+9M6u0QtrpJPMVCAxXaTkAkA46ZFaVeZ+KdB8Rf8Jh4c1TSbbVvKstKmtbiXSZLLzkdjGQuLo7Cp2HJAzwK6Gw0/xJq3wul07xHOttrt3ZTQPMm3MbMGCM2z5dwUru2cZzjjFEtItrpf9RR1aT8iufif4fXxdJpL6lpq2EdgLptUOoRiJZPNMfknsG4z97PbFdFfeING0u9trPUtXsLO6uyBbwXFykbzEnA2KTluTjivEYdN1ceMU05vB4F/H4GGnGyNxBncZCm8MH2+Xn33Y/h7HoF8EeItG0jXNHOmf28+uaNa6el8s8SpbPHb+S3m+YwfYGPmAoHPJ4z1p6LTX9dX92y/Lce8rPTb5aR+/d/8Mel3vifQdNvRZ6jrenWl0WRRBPdxo5L52jaTnJwceuDUl/4g0bS762stT1axs7q6IFvBcXKRvMScAKpILcnHFeQ3ukao/ibxj4fstNOtXdz4csNPacyxoI3Mcq+Y+8j5MjJ25bIGFPboLfwxrOg6xqy3OgJ4tt9Xs7GASTTQrGhhj2MswkOdmfnBRHPJ4z1S3/rXV/5E6/102/z/AAPQP7c0n7P9o/tSy8n7R9l8z7Qm3zt23y85xv3cbeueKI9c0mbyfK1Syf7RM1vDtuEPmSrnci88sNrZA5GD6V5edFuLj4/f2PGUbRrdl8STRg52XJjMCr7AkF/rUeh/D/xNZap4eu7l7ow2viK+vJrJpLfyreGTztkqlRvJbevG5sbugxwlrbz/AM0n+N/uG9L/ANdG/wArfeepQ+INGuNZl0i31axl1OEbpbJLlGmQcclAdw6jqO4qhqviyyt9Jkn0W80vUbzy5ZILZtQWMTiI/vQrKrklcHOFODwcda4nTPCOvx2WhaBNpbQnR9abUZdbM0JjuE8x3OwA+Z5jh9rBkUfe+Y8Zp+E/CviLwtp+sHVrDdb3thflpWmjLWZE0jxoArcpIshbOCwYYJxgLE5NQb8n+Cv/AMD5FRXvW81+f9feemeGNa/4SPwppeteR9m/tC1juPJ37/L3KDt3YGcZ64Fc78Mzx4u/7Ge9/wDZKvfDEZ+FPhfP/QLt/wD0WKofDMDHi3gf8jPe/wDslb1EozaXczg24ps7fPz/AIUjHp9aNo3dB09KGA44HWoKHZpFPy0bR6D8qRVG3oPyoAQn9+v+638xTmPymmFR568D7p7e4pzKNp4H5UAOzTVPX60u0eg/KkUDngdaAFz8/wCFNmP7iT/dP8qXaN/QdPSmzKPIk4H3T29qAJM0inr9aNo9B+VIFHPA6+lAAT8y0pPBpCBuXgUpUYPA/KgAB4FNQ/PJ/vf0FOCjA4H5UxFG+Tgfe9PYUAcdDrGpSfFvWLGbU5o9K0zSre6WzSOLa7uZQxZim/gIMAMBSaP8S9P1m8tUfQdYs2udMfVLR54YZDNANudqxSO+47hhdoJrn/Etnr0nxE8S22iWlzHLrGk2VnBetZu8CDzJBM2/hAyRuWClhk4Az0qLUPhrrU2paZp91q9jJYyaJcaIxsrI2z28BRSrgPO5c7lUEAdCc46iVflv6/8At368v4jdub7v/bf+CaGpfEmLxB4T8Ujw9cX2i6xoNkbpw32WZlIVyFbaZUHKEMpw49q7nw9dTX3hvTLu6ffPPZwyyNgDczICTgcDk15xrHgi98N+FfE97NeHVLjUNDXSrey0vR3RU2I6xhEjaQgHfzngHJyBgD0TwzC8HhXSYbiJo5Y7GBXR1wykRgEEHoRVq1pfL9f0tch3vH5/+2/rc1c0hPFG0eg/KgqMdB+VIoFPyj6UgPzGhVG0cDp6UADceBQArHp9aXNNZRxwOvpS7R6D8qAGxH5D/vN/M07PzH6UyJRsPA+83b3NO2jceB09KABj0+tOzTWA44HWl2j0H5UACn5aaT+/X/db+YpVUbeg/KmlR568D7p7e4oAex+U0uaayjaeB+VLtHoPyoAAePxoz8/4UgUY6Dr6UbRv6Dp6UAJMf3En+6f5Vzvw4P8Axazwp/2BbP8A9EJXQzKPIk4H3T29q574cAf8Ks8KcD/kDWf/AKISgDfY/MaKHA3HgUUAc/4yB3aBz/zGbft/vVuahp1pqthLZapa297aygeZBcwrJG+DkZVsg8gGsPxk3zaBwf8AkM2//s1dIW4PBoAis7OCws4rWxhitraFAkUMMYREUdAFHAHsKkUsWcFujYHHsKUN8o4NNRvnk4P3v6CgBx3ZHP6UENjr+lBb5hwaC3B4NAANxA5/Sgbtx5/ShW+UcHpQG+Y8GgBJCyqCG/iA6e9Ow3r+lMlb5BwfvL/MU8tx0NACDcQOf0oG7cRn9KFb5RwelAb5jwaAA7hjnv6UuD6/pSM3Tg9aXd7GgBsZZlJLfxEdPeoRYWy6kb4W0AvGiETXAiHmFAchd3Xbk5x0zUsTfIeD95v5mnbvm6HpQAHcMc9/SlwfX9KRm6cHrS7vY0AIu4jr+lIS3mqu7gqT0+lKrfL0NNLfv14P3T/MUAcR45+ImneHo77Sl1OPT9bjiint0uUCiaNnALIW+VujgjqNpOMc10Xh7xTpPiqO6m8P3gvba1m8h7mNT5TOBkhG/iwCORkc9etebftF+DIPE/g21v4JIYdU0+cCDzZAnnRuQHTJI6cN7BW9a9C8DeH7Hwp4I0vRtLdJoLaAAzRnImc8s+fdiT+lK6vYpwko8zWnc3huOee/pR827Ge3pQrdeD1o3fP0PSmSJIWWJ2DchSRxTsH1/SmTN+4k4P3T/Kn7vY0AINxzz39KDu3Dn9KA3Xg9aC3zLwaAAhsdf0oG7HX9KC3B4NAb5RwaAEUsWcFujYHHsKU7sjn9KajfPJwfvf0FOLfMODQBAbC1GoHUPs0H23yvJ+0+UPM8vOdm7rtzzjpmpxuIHP6UFuDwaFb5RwelAEEdjbRX895FbwJdTqqSzrEA8irnaGbqQMnAPTJqaQsqghv4gOnvShvmPBpsrfIOD95f5igCvaaTYWFzdXNjZWttPePvuZYYFRp2/vOQMseepq0NxA5/SlLcdDSK3yjg9KAAbtxGf0qtqOm2erWL2Wq2lvfWshG+C5hWRHwcjKtkHkA1ZDfMeDQzdOD1oAjtbSGytIrWyiit7eFAkUMUYREUcAADgAegrjfhmDjxbz/zM972/wByu33exriPhm3Hi3g/8jPe/wDslAHbYO773b0pGB457+lLu+boelDN04PWgBcN/e/SkUHb979KXd7GkVvl6GgBpB89fm/hPb3FOYHafm/Smlv368H7p/mKczfKeDQAuG/vfpTVB557+lO3expFbrwetABg7vvdvSmzA+RJ838J7e1O3fP0PSmzN+4k4P3T/KgB+G/vfpSAHn5u/pS7vY0gbrwetACEHcOf0pSGwfm/Sgt8y8GgtweDQAANgfN+lNQHfJ838Xp7CnBuBwaajfPJwfvf0FADiDkfN+lclr4P/CzvCPP/ACwv+3+xHXWlvmHBrh/GWr6dovxC8JXmsX9tp9sIr5TNdTLEgJSPA3MQM0AdwobaPm7elAB3H5v0rmx8SPBG0f8AFY6B0/6CkH/xVIPiR4I3H/isdA/8GkH/AMVQB02G/vfpSENj736Vzn/CyPBH/Q46B/4NIP8A4qkPxI8Ef9DjoH/g0g/+KoA6RQ20fN29KQA7jz+lc4PiR4I2j/isdA6f9BSD/wCKpB8SPBG4/wDFY6B/4NIP/iqAOlYHj5u/pS4b+9+lcy3xI8Ecf8VjoHX/AKCkH/xVO/4WR4I/6HHQP/BpB/8AFUAdDEDsPzfxN29zTsHcfm7elczH8R/BAU58YaB95v8AmJwep/2qd/wsjwRuP/FY6B0/6CkH/wAVQB0bA8c9/SnYb+9+lcy3xI8Ecf8AFY6B1/6CkH/xVO/4WR4I/wChx0D/AMGkH/xVAHRqDt+9+lNIPnr838J7e4rnF+JHgjb/AMjjoH/g0g/+KpD8R/BHnKf+Ew0DG0/8xOD2/wBqgDpmB2n5v0pcN/e/Suab4keCNp/4rHQP/BpB/wDFUv8AwsjwR/0OOgf+DSD/AOKoA6MBsfe7+lGDu+929K5sfEjwRj/kcdA6/wDQUg/+Kqex8c+FNU1CKz0zxNo95dS8RwW9/FI7nGeFDEngE0AbcwPkSfN/Ce3tXO/DkH/hVnhTn/mDWfb/AKYJXRTN+4k4P3T/ACrnvhy3/FrPCnB/5A1n/wCiEoA32B3Hn9KKGb5jwaKAMDxn97QP+wzb/wDs1dKehrl/GUUYbQMRr/yGbf8Ah/3q6QwxYP7tP++RQA8fdFNT78n+9/QUghiwP3af98impDHvk/dp97+6PQUASn7wpT0NRmGLcP3af98igwxYP7tP++RQA9fuj6UD7xpiwxbR+7Tp/dFAhi3H92n/AHyKAFl+4P8AeX+Yp56VDLDHsH7tPvL/AAj1FPMMWP8AVp/3yKAHL90fSgfeNMWGLaP3adP7ooEMW4/u0/75FAD27fWlqNoYuP3adf7opfJi/wCeaf8AfIoAIvuH/eb+Zp38X4VFFDHsP7tPvN/CPU07yYt3+rTp/dFAD27fWlqhqV9puk24n1GWG3QsAu4DLH0UdSfYc1lNdarq/GmWSaVan/l6vIgZmH+zF/D9XOf9msalaFP4mdFPDzmubaPd7f8AB9FdmxfapY6TaifUbmO3QnC7zyx9FHUn2HNZDX2taxIDplv/AGVa4I+03iZmYHHKxfw9OrnP+zU+neH7HTpzchXub0jDXdy2+U+wPRR7KAPatSvOqYuctI6I2To0vgXM+72+S/zv6IzbDQbOxuDdN5l3esMNeXTeZKR6A9FHsoA9qgk8OpbzNcaDcvpU7HcyxLugkP8AtxHj8V2t71s0VyJtO63D6zW5ubm/VeltreRjJ4iuNMyniWz+ypn/AI/rfMlufdv4o/8AgQx/tGt2GaK4RJYJEljdcq6MCGHqCKjrEm8Mwwztc6HMdLuGOWWNA0Mh/wBuI8fiu0+9dtPGSWk9QaoVf7j+9f5r8fRHQTf6iT/dP8qfXMvrkmmxOniTTltl2kC+tlMlufduN0f/AAIY/wBo10EP2a4hWWDypY3GVdMFWHqCK9GFSFRXiznqUKlLWS0fXdfeSjv9aD95aYIYuf3adf7ooMMW5f3af98itDEkPQ0g+6KYYYsH92n/AHyKBDFgfu0/75FACp9+T/e/oKcfvCokhj3yfu0+9/dHoKcYYtw/dp/3yKAJD0NIv3R9KYYYsH92n/fIoWGLaP3adP7ooAePvGmy/cH+8v8AMUghi3H92n/fIpssMewfu0+8v8I9RQBMelIv3R9KaYYsf6tP++RSLDFtH7tOn90UAPH3jQ3b60wQxbj+7T/vkUNDFx+7Tr/dFAElcR8M+ni7/sZ73/2Su08mL/nmn/fIriPhpFGR4tyinHia9A4/3KAO5/i/Chu31pnkxbv9WnT+6KGhi4/dp1/uigCSkX7tN8mL/nmn/fIpFhi2/wCrT/vkUAKf9ev+638xTm+6aiMMfnr+7T7p/hHqKc0MW0/u0/75FAElIvf603yYv+eaf98ikWGLn92nX+6KAH/x/hTZv9RJ/un+VJ5MW7/Vp0/uimzQx+Q/7tPun+EelAE1IO/1pvkxf880/wC+RSCGLn92nX+6KAHn7y0p6GozDFuX92n/AHyKDDFg/u0/75FAEg6CmJ9+T/e/oKQQxYH7tP8AvkU1IY98n7tPvf3R6CgCU/eFKehqMwxbh+7T/vkUGGLB/dp/3yKAHr90fSgfeNMWGLaP3adP7ooEMW4/u0/75FAElB6UzyYv+eaf98igwxY/1af98igBy/dH0oH3jTFhi2j92nT+6KBDFuP7tP8AvkUAPbt9aWo2hi4/dp1/uil8mL/nmn/fIoAIvuH/AHm/mad/EfpUUUMew/u0+838I9TTvJi3H92nT+6KAHt2+tLUbQxcfu06/wB0Uvkxf880/wC+RQA5fu00/wCvX/db+YpFhi2/6tP++RTTDH56/u0+6f4R6igCVvumlqNoYtp/dp/3yKXyYv8Anmn/AHyKAHDp+Ncj43/5Dngr/sPj/wBI7qurEMWP9WnX+6K5LxvFGNc8F4RRnXxnj/pzuaAOum/1En+6f5Vz3w4/5JZ4U/7Atn/6ISt6aGPyH/dp90/wj0rnvhzFGfhb4VJjUn+xrP8Ah/6YJQB0T/eNFMaKPcf3a/8AfIooAwfGQO7QOf8AmM2/b/erpCDg8/pXN+Mm+bQOD/yGbft/vV0hbg8H8qAAA7Rz+lNQHfJz/F6ewpwbgcH8qajfPJwfvensKAHEHcOf0oIODz+lBbkcH8qC3B4P5UACg7Rz29KADuPP6UK3yjg9PSgN8x4P5UANlB2Dn+Je3uKeQcdf0pkrfIOD95e3uKcW46H8qABQdo57elAB3Hn9KFb5RwenpSBvmPB/KgBWB457+lLg+v6UjN04PX0pd3sfyoAo3mp2ek2nn6jdx26F2C7+rHJ4UdSfYc1mG/1vV2/4lsH9lWp/5ebyPMzD/Zi/h+rnP+zVGPQb7R9Um1SyjXWmkdtwu2xcxjJ+WOQ/Lj/Zwo9619P12y1GZrdGeC7QZe0uEMcqj12nqPcZHvXmYivWTtayPU9lTpw56S5+76L/ALd/WWj7CWGg2djcG6PmXd6Rhry6bzJSPQHoo9lAHtWlRRXnnJOpOo+abuFFFFBAUUUUAFFFFABWNJ4dS3ma40G5fSbhjuZYlDQSH/biPH4rtb3rZooTad0aU6s6fwvf7n6rZmKviG50zKeJbT7Kmf8Aj+twZLc+7fxR/wDAhj/aNbsUqXEccsEqSxuMq6EFWHqCOtYk/iKF7h7XRreTVbpDtdbcjy4j/tyH5V+nLe1ZUXge4mlkuJdXu9Hkmbc1vob+TEDzydwO5jnlsLn0r1MNWqz0auu50VaNP2bnNckui7/Lder0fQ7Mg4PP6Vh6t4qg0fxFo+ifYLy8u9W8wxfZ/LCxrHt3s5d14AbPGTwcCs4+BZcH/isfFP8A4GR//G6y9YtzafFjwHbmea4MVhfp5s7BpJMRxjLEAZJ78V3dfv8AybPN6HoYAGcd+tFeEeCvDniy0k8Am8tnjitbfU1WP+zpIXsmcHb5zsxB3HG35U/GrPw68H3U2p2sHiTTSzCxlj1qC40B44ryXzAQZ7iWUrdOHBZXRGGCeVyBVdbf11/y/Eb0PUfFniqDwhpSajfWF5dWplSKR7Xyz5O9gqlg7qSMsB8uT7VuYPY/pXgzeGofD/7Os5k0WPTNQm1FBcFrUQyyKNQ/d7uASApG3PYjHFeqah4QkvtQmuV8T+IbUStu8m2uUWNPZQUOB+NFtPn+iJ+1b+t2dIAdx5/Smyg7Bz/Evb3FcmPAsu4/8Vj4p/8AAyP/AON0kngaUKP+Kw8UfeHW8j9R/wBM6QzsCDjr+lIoO0c9vSuS/wCEFl/6HHxT/wCBkf8A8boHgWXaP+Kx8U9P+fyP/wCN0AdaAdx5/ShgeOe/pXIjwLLuP/FY+Kf/AAMj/wDjdB8Cy8f8Vj4p6/8AP5H/APG6AOvwfX9K4j4Zg48W8/8AMz3vb/cqz/wgsv8A0OPin/wMj/8Ajdcj8P8AwhJd/wDCTY8T+IbfyfEN3EfIuUHmY2/O2UOWPc/pQB63g7+vb0oYHjnv6VyP/CCy7v8AkcfFPT/n8j/+N0N4Fl4/4rHxT1/5/I//AI3QB1+D6/pSKDt6/pXJf8ILL/0OPin/AMDI/wD43SL4Fl2/8jj4p/8AAyP/AON0AdYQfPXn+E9vcU5gdp5/SuQPgaXzl/4rDxR90/8AL5H7f9M6VvAsu0/8Vj4p/wDAyP8A+N0Adfg+v6Uig889/SuS/wCEFl/6HHxT/wCBkf8A8bpB4Fl5/wCKx8U9f+fyP/43QB12Dv69vSmzA+RJz/Ce3tXJ/wDCCy7v+Rx8U9P+fyP/AON0kvgaUQv/AMVh4oPynreR/wDxugDsMH1/SkUHnnv6VyX/AAgsv/Q4+Kf/AAMj/wDjdHw/muhb69a3t9d3/wBi1iW3imun3ybFjjIBIA7k9u9AHWkHcvP6UEHB5/SkLfMOD+VKW4PB/KgAAOBz+lNQHfJz/F6ewpwbgcH8qajfPJwfvensKAHEHcOf0oIODz+lBbkcH8qC3B4P5UACg7Rz29KADuPP6UK3yjg9PSgN8x4P5UALg+v6UEHHX9KN3sfypC3HQ/lQAKDtHPb0oAO48/pQrfKOD09KQN8x4P5UAKwPHPf0pcH1/SkZunB6+lLu9j+VADIgdh5/ibt7mnYO489vSmxN8h4P3m7e5p275jwenpQAMDxz39KXB9f0prN04PX0p272P5UAIoO3r+lNIPnrz/Ce3uKcrfL0P5U0t+/Xg/dPb3FADmB2nn9KXB9f0pGb5Twfypd3sfyoAQA469/SuR8bg/254K5/5j47f9Od1XXBuOh6+lcj43b/AInngrg/8h8dv+nO6oA6yYHyJOf4T29q574cg/8ACrPCnP8AzBrPt/0wSuhmb9xJwfunt7Vzvw5b/i1nhTg/8gaz7f8ATBKAOgYHcef0ooY/MeD+VFAGB4z+9oH/AGGbf/2aulPQ1zPjJRu0D/sM2/8A7NXSFRg0AKPuimp9+T/e/oKUKNopqKN8n+9/QUAPP3hSnoaaVG4UFRg0AKv3R9KB940iqNo+lAUbjQAkv3B/vL/MU89KjlUbB/vL/MU8qMUAC/dH0oH3jSKo2j6UBRuNACt2+tLTWUcfWl2igBsX3D/vN/M1V1LSbHV41i1G2SYJyjHIeM+qsOVPuCDVmJRsP+838zTto3fhSaTVmVGcoS5ouzOfaz1vRubKb+2bQf8ALC5YJcKP9mT7r/RsH/aqzp+u2WozNbozwXaDL2lwhjlUeu09R7jI9612UcfWqmo6PYatCseoWyzBDlG5DRn1Vhyp9wQa4amDi9YaHWq9Op/GWvdb/NbP8H3ZLRWL9j1zSBmym/tm1H/LC5YJcKP9mT7r/RsH/aqzp+u2WozNbozwXiDL2lwhjlUeu09R7jI9686dOdN2kglQfLzwfMu66eq3X5dmaNFFFQYBRWPN4iikuHtdGgk1W6Q7XW3IEcR/25D8q/TlvakGgXmqNnxJe74jz9gsy0cP0ZvvSfjtH+zWtOjOp8KOj2HIr1nyr8fkv87LzC48RwmaS20eCTVbqPh1tyPLiP8AtyH5V+nLe1KugXmp/N4kvd8Z/wCXCzLRw/Rm+9J+OB/s1sLawWlgYLWGOCGNCEjjUKqj0AHAqfaK9KnhIR1lqyXiVDSiree7/wCB8tfNkdtbw2lusFrDHBDHwkcahVUegA4FSH7y0gUc/WgqNy12HI227scehrJ1Lwzpesapp2p30UxvdNLG1mhupYSm7G4HYwDA7RkNkHpWoVGDQFG0UeYgViWcH+E4H5ClJ5FMRRvk/wB7+gpxUbhQBl+IPDWl+J7OO11uGae3ikEoiS6liVmUgjcEYbgCAcNkZFaw5UU0qMGhVG0fSgBR9402X7g/3l/mKUKNxpsqjYP95f5igCQ9KRfuj6UFRikVRtH0oAUfeNDdvrSBRuNDKOPrQA6uI+GfTxd/2M97/wCyV220VxHwzUY8W/8AYz3v/slAHb/xfhQ3b60m0bvwoZRx9aAHUi/do2ikVRtoAQ/69f8Adb+YpzfdNMKjz1/3T/MU5lG00AOpF7/WjaKRVHP1oAX+P8KbN/qJP90/ypdo3/hTZlHkSf7p/lQBJXI+A/8Aj58V/wDYwT/+i4q63aK5HwGo+0+K/wDsYJ//AEXFQB1x+8tKehppUbloKjBoAcOgpiffk/3v6ClCjApqKN8n+9/QUAPP3hSnoaaVG4UFRg0AKv3R9KB940iqNo+lAUbjQA6g9KTaKCoxQAL90fSgfeNIqjaPpQFG40AK3b60tNZRx9aXaKAGxfcP+838zTv4j9KZEo2H/eb+Zp20bj9KAFbt9aWmso4+tLtFAAv3aaf9ev8Aut/MUqqNtNKjz1/3T/MUAPb7ppaayjaaXaKAAdPxrkfG/wDyHPBX/YfH/pHdV1oUY/GuR8bqP7c8Ff8AYfH/AKR3VAHWzf6iT/dP8q574cf8ks8Kf9gWz/8ARCV0EyjyJP8AdP8AKue+HKj/AIVZ4U/7A1n/AOiEoA6B/vGikZRuNFAHO+MjJu0DKr/yGbf+L/e9q6QmXB+RP++z/hXO+Mj82gcH/kM2/b/erpC3B4P5UANBlwPkT/vs/wCFNQyb5PkT7394+g9qkDfKOD+VNRvnk4P3vT2FAATLuHyJ/wB9n/CgmXB+RP8Avs/4U4t8w4P5UFuDwfyoAapl2j5E6f3z/hQDLuPyJ/32f8KcrfKOD09KA3zHg/lQBHKZNg+RPvL/ABH1HtTyZcfcT/vs/wCFJK3yDg/eXt7inluOh/KgBimXaPkTp/fP+FAMu4/In/fZ/wAKcrfKOD09KA3zHg/lQA1jLx8idf75/wAKXMv9xP8Avs/4UrN04PX0pd3sfyoAiiMmw/In3m/iPqfanZl3fcTp/fP+FETfIeD95u3uadu+foenpQA1jLx8idf75/wpcy/3E/77P+FKzdOD19KXd7H8qAGKZdv3E/77P+FUdT0q11fy4tRtIpgoJRi5DRnjlWAyp9wQa0Fb5eh/KuW8Za/quk6r4bsNFNnG+r37Wskt3A8ojURPJkKrpz8mOvek0no+pUZyg+aLs0R6tcav4P0ua/8AOXVdPh2gw3D7Z03MFGJAuGGSPvDOO5q4NA1DUzu8RXayRH/lws5Gjh+jNjdJ+g/2aj1Px74ZsdSm0vUp7gyxXEVrMf7NuJIUlk2mNGlEZjBO5erdxUw8baHcaydGtb8i+eV7eJ3tJTA0yqSyCXaI3ZcHKh88EcEGuZYWlfmSudTxdRa2Sfe1n/wPVJPzNi1gW0t1gtLaGCGPhI4/lVR6AAYFS5l3fcTp/fP+Fcz4B8Ral4h0nUX1n7Kbmx1S4sd9pC0aOIm2htrOxBP1NdRu+foenpXVayRxttt33uyOYyeQ/wAifdP8R9PpT8y/3E/77P8AhSTN+4k4P3T29qfu9j+VADAZefkTr/fP+FBMu5fkT/vs/wCFOVuvB6+lBb5l4P5UANJlwfkT/vs/4UAy4HyJ/wB9n/CnFuDwfyoDfKOD+VAEaGTfJ8ife/vH0HtTiZdw+RP++z/hQjfPJwfvensKcW+YcH8qAGky4PyJ/wB9n/ChTLtHyJ0/vn/CnFuDwfyoVvlHB6elADQZdx+RP++z/hTZTJsHyJ95f4j6j2qQN8x4P5U2VvkHB+8vb3FACky4+4n/AH2f8KRTLtHyJ0/vn/CnluOh/KkVvlHB6elADQZdx+RP++z/AIUMZePkTr/fP+FODfMeD+VDN04PX0oATMv9xP8Avs/4VxHw0MmPFuFX/kZr3Pzf7ntXc7vY/lXEfDM8eLeD/wAjPe9v9ygDtMy7vuJ0/vn/AAoYy8fInX++f8Kdu+foenpQzdOD19KAEzL/AHE/77P+FIpl2/cT/vs/4U/d7H8qRW+XofyoAjJk89fkT7p/iPqPanMZdp+RP++z/hQW/frwfunt7inM3yng/lQAmZf7if8AfZ/wpFMvPyJ1/vn/AAp+72P5Uit14PX0oAbmXd9xOn98/wCFNmMnkP8AIn3T/EfT6VJu+foenpTZm/cScH7p7e1AC5l/uJ/32f8ACuS8BmT7T4rwq/8AIwT/AMX/AEzi9q6/d7H8q5HwGf8ASPFfB/5GCft/0zioA6smXcvyJ/32f8KCZcH5E/77P+FOLfMvB/KgtweD+VADQZcD5E/77P8AhTUMm+T5E+9/ePoPapA3A4P5U1G+eTg/e9PYUABMu4fIn/fZ/wAKCZcH5E/77P8AhTi3zDg/lQW4PB/KgBqmXaPkTp/fP+FAMu4/In/fZ/wpyt8o4PT0oDfMeD+VACZl/uJ/32f8KCZcfcT/AL7P+FO3ex/Kgtx0P5UAMUy7R8idP75/woBl3H5E/wC+z/hTlb5RwenpQG+Y8H8qAGsZePkTr/fP+FLmX+4n/fZ/wpWbpwevpS7vY/lQBFEZNh+RPvN/EfU+1OzLuPyJ0/vn/CiJvkPB+83b3NO3fMeD09KAGsZePkTr/fP+FLmX+4n/AH2f8KVm6cHr6Uu72P5UAMUy7fuJ/wB9n/CmkyeevyJ90/xH1HtUit8vQ/lTS379eD909vcUADGXafkT/vs/4UuZf7if99n/AApWb5Twfypd3sfyoAYDLj7idf75/wAK5LxuZP7c8F5Vf+Q+MfN/053PtXXhuOh6+lcj43P/ABPPBXB/5D47f9Od1QB1Uxk8h/kT7p/iPp9K574cmT/hVvhXCrj+xrP+L/pgntXRzN+4k4P3T29q574cn/i1nhTg/wDIGs+3/TBKAN1jJuPyL/30f8KKczfMeD+VFAGB4z+9oH/YZt//AGaulPQ1zPjJRu0D/sM2/wD7NXSFRg/40AKPuimp9+T/AHv6ClCjA/xpqKN8n+96+woAefvClPQ00qMj/GgqMH/GgBV+6PpQPvGkVRtH09aAo3H/ABoASX7g/wB5f5innpUcqjYP95e/uKcVGP8A69ACr90fSgfeNIqjaPp60gUbj/jQA5u31paayjj6+tLtH+TQA2L7h/3m/mad/F+FMiUbD/vN39zTto3fh60AK3b60tMZRx9fWnbR/k0AC/drz/4k3trp3ijwJdX9zDa28esPvlnkCIubaUDJPA5IH4136qNv/wBemlR56/7p7+4pNbfL8GHRo8S1PSPGtz4J1TWZtBsg1/q0OvNbfbpvtSrEYyluIfs/39sQXO7qenatmD4d69F4z0/xBq0+lTLp+qT3smpT3MrXUls6uEh+ZNsSRhvuBip6/Kc5Z8Y/iHaeGIZdA1ywnig1GFJbK/iO9HKSKZEdeoIwDxkHcOldj4C8ZJ4+0abWrPTZrLTGmMVm9ww8y4C8M+0cKN2VHJPymnta3T/gf5Ib1v5/rf8AzZlfCC5gvND1+5tJo54JvEN88csThldS4III4II71338f4U1VHP19aXaN34etHRLskvuVierfdt/e7iTf6iT/dP8qfUcyjyJP909/an7R/k0DAd/rQfvLSBRz9fWkKjcP8aAHnoaQfdFIVGD/jQFGB/jQAiffk/3v6CnH7wpiKN8n+96+wpxUZH+NADj0NIv3R9KQqMH/GhVG0fT1oAUfeNNl+4P95f5ilCjcf8AGmyqNg/3l7+4oAkPSkX7o+lIVGP/AK9CqNo+nrQAo+8aG7fWmhRuP+NKyjj6+tADq4j4Z9PF3/Yz3v8A7JXbbR/k1xHwzUY8W/8AYz3v/slAHb/xfhQ3b60m0bvw9aRlHH19aAH0i/do2j/JpFUbf/r0AIf9ev8Aut/MU5vummFR56/7p7+4pzKNp/xoAdSL3+tG0f5NNVRz9fWgB38f4U2b/USf7p/lS7Ru/D1psyjyJP8AdPf2oAkrkfAf/Hz4r/7GCf8A9FxV1u0f5Ncj4DUfafFf/YwT/wDouKgDrj95aU9DTCo3D/GlKjB/xoAcOgpiffk/3v6ClCjA/wAaaijfJ/vevsKAHn7wpT0NNKjI/wAaCowf8aAFX7o+lA+8aRVG0fT1oCjcf8aAHUHpSbR/k0hUY/8Ar0AKv3R9KB940iqNo+nrSBRuP+NADm7fWlprKOPr60u0f5NADYvuH/eb+Zp38R+lMiUbD/vN39zTto3H6etACt2+tLTGUcfX1p20f5NAAv3aaf8AXr/ut/MUqqNv/wBemlR56/7p7+4oAe33TS01lG0/40u0f5NAAOn41yPjf/kOeCv+w+P/AEjuq60KMfj61yPjdR/bngr/ALD4/wDSO6oA62b/AFEn+6f5Vz3w4/5JZ4U/7Atn/wCiEroJlHkSf7p7+1c78OVH/CrPCn/YGs//AEQlAHQv940UjKNxooA5/wAZZ3aB0/5DNv8A+zV0h3YPSuZ8ZSxltAxIv/IZt/4v96ukM0WD+8T/AL6FADhu2jpTU3b5On3v6CgTRYH7xP8AvoU1Jo98n7xPvf3h6CgCQ7tw6UHdg9KaZotw/eJ/30KDNFg/vE/76FADl3bR06UDduPSmrNFtH7xOn94UCaLcf3if99CgAl3bB0+8v8AMU87sdqilmj2D94n3l/iHqKeZosf6xP++hQAq7to6dKinuIrSGSe6mighjGXkkYKqj1JPAqG/wBVtNL02S8upR5cSgkJ8zMTwFA7kkgAeprJttIk1K4TU/EKCScfNBZk7orUduOjP6ue/TA681fEKkrdTppUVKPtKjtH8W+y/V9PuTefFcNxzpenajqKZ4kgt9iN9GkKq31BIpf+Ei1D/oVtW/7+Wv8A8erXorz3i6rNOeitI0/vbv8Ag1+Rjp4g1FVIPhbVepP+ste5/wCu1L/wkOobs/8ACLat0/56Wv8A8erXoo+t1e4e0pf8+l98v/kjIPiHUDj/AIpbVuv/AD0tf/j1H/CRah/0K2rf9/LX/wCPVr0UfW6vcPaUv+fS++X/AMkZA8Q6gB/yK2rf9/LX/wCPUh8QaiZA3/CLargAj/WWvt/029q2KKPrdXuHtKX/AD6X3y/+SPMvir4eu/iR4P8A7LHhrUre8hmWa1uHe2IjOcMDibJBUnj1we1dRot3LoGh2Wk6b4S1aO1soVhiXzLXOFGMn99yT1J7muloo+t1e4e0pf8APpffL/5IyB4h1AZ/4pbVuv8Az0tf/j1H/CQ6huz/AMItq3/fy1/+PVr0UfW6vcPaUv8An0vvl/8AJGPJ4g1F42UeFtVyQR/rLX/49S/8JFqH/Qrat/38tf8A49WvRR9bq9w9pS/59L75f/JGQPEOoDP/ABS2rdf+elr/APHqD4h1DI/4pbVuP+mlr/8AHq16KPrdXuHtKX/PpffL/wCSMg+Ir/HPhbVgP9+1P/tanweK7AzJBfCfTJnOFW+hMSsfQP8AcJ9g2a1KZNDFcQvDcRpLE4wyOoZWHoQetNYyqnrqHNQlpKFvRv8AW/6E6bt8nT739BTju3DpXMgHwewkjd30N3AkjdixsieAyk8+X2IP3eo4yB0hmiyP3if99CvSo1o1Y3RjWo+ztKLvF7P+tmuq/Qcd2D0oXdtHTpTTNFg/vE/76FCzRbR+8Tp/eFbGA4btx6U2XdsHT7y/zFAmi3H94n/fQpss0ewfvE+8v8Q9RQBKd2O1Iu7aOnSkM0WP9Yn/AH0KRZoto/eJ0/vCgBw3bj0obdx0600TRbj+8T/voUNNFx+8Tr/eFAD/AJvauI+GeceLen/Iz3v/ALJXa+dF/wA9E/76FcR8NJYwPFuXUZ8TXpHP+5QB3Hzbu3Sht3HTrTfOi3f6xOn94UjTRYH7xOv94UASfN7Ui7tvasFtevdUkZPDVtFJApwdQuiRCx7+Wo5kx65VfQmgafr7DL+Igp9IrFAv5MWP61yTxdKLtudn1Vx/iSUX2d7/AIJ2+dmbh3eevT7p/mKc27aelYH9ma5uDf8ACRyZAx/x5xf4Up03XCP+Rkk/8A4v8Kj67T7P+vmH1eH/AD9j/wCTf/Im/wDN7Ui7uenWsH+ztc/6GST/AMA4v8KBpuuD/mZJP/AOL/Cj67T7P+vmH1eH/P2P/k3/AMib3zb+3SmzbvIk6fdP8qw/7N1zOf8AhJJP/AOL/CkbTNcZSp8RyYIwf9Di/wAKPrtPs/6+YfV4f8/Y/wDk3/yJN4vstYvvCt7H4bvWsdXRPNs5VwR5i8hWByCrY2nII5z2rwz4J+J/GnjjxvfxXcq6fpVpdtqGppbxbGnuGAVIiTkqMpuKjGQrA9cV7d/Z2uf9DJJ/4Bxf4Vm6R4NuNClv5NJ1j7M+o3TXd0Vs4/3krAAtz06dBxkk9zR9dp9n/XzD6vD/AJ+x/wDJv/kTsDu3L0oO7B6Vg/2brmf+Rkk/8A4v8Kw7nUvEK6nLZ6dPq2qCBxHcT2tpZpHC5AbafNkQsQrKTtBHOM5yA1jIN2Sf4f5i+rwtf2sf/Jv/AJE7obsDpTU3b5On3v6CsP8As3XP+hkk/wDAOL/CkGma4CSPEcnJyf8AQ4v8KX12n2f9fMf1eH/P2P8A5N/8ib53bh0oO7B6Vg/2brn/AEMkn/gHF/hR/Zuuf9DJJ/4Bxf4UfXafZ/18w+rw/wCfsf8Ayb/5E3l3bR06UDduPSsH+zdcH/MySf8AgHF/hSeX4lsjvivbLU17wzwmBz9HUkD8V/GmsbTfcPq0XtUi/vX5pL72dB83tQd2O1Zuma9a6i0sLhrS9gx59pPgPHnofRlPZgSDWgZosf6xP++hXXGSkro5qlOVOXLNWYq7to6dKBu3HpTVmi2j94nT+8KBNFuP7xP++hVEDm3cdOtL83tTGmi4/eJ1/vCl86L/AJ6J/wB9CgBIt2w9PvN/M075tx6dKjimj2H94n3m/iHqad50W4/vE6f3hQA5t3HTrS/N7UxpouP3idf7wpfOi/56J/30KAFXdt7U07vPXp90/wAxQs0W3/WJ/wB9CmmaPz1/eJ90/wAQ9RQBI27aelL83tTGmi2n94n/AH0KXzov+eif99CgBRux261yPjfP9ueCun/IfH/pHdV1gmix/rE6/wB4VyXjeWM654Lw6nGvjPP/AE53NAHWzbvIk6fdP8q574c7v+FWeFOn/IGs/wD0Qlb800fkP+8T7p/iHpXPfDmWMfC3wqDIoP8AY1n/ABf9MEoA6Ft249KKa00e4/vF/wC+hRQBheM/vaB/2Gbf/wBmrpT0Ncz4yHzaByf+Qzb/APs1dIRweTQAo+6Kan35P97+gpQPlHJpqD55OT97+goAefvClPQ00r8w5NBHB5NACr90fSgfeNIo+UcnpQB8x5NACS/cH+8v8xTz0qOUfIOT95f5inleOpoA5/UR/aPiywsm5hsITfSL/ekJKRZ+mJD9QPStmsaz/wCR21cnk/Y7Qfhmb/E1s14WIbdWVzur6csFskvxXN+oUUVk3vivw7pupDTtR17S7S+YqBaz3kaSnd935Cc89vWsUm9Ec5rUVnr4g0Z9VXS01axbUG3FbQXKGU7SQ2Ezngg544waWDXdIutSuNOttVspr61G64tY7hGlhHqyg5XqOvrRZgX6Kqrquns0KrfWzG4hNxCBMv7yIYy688qNy8jjketUW8X+Gk0lNUfxDpS6fJJ5SXhvYxCz/wB0PuwTweM9qdmI4f4l6SuoeJoXudPguITpjxJLP4an1YI5fonlEeU2Ocn+lYuoaVdSeIGurnRZPt5WweDzNDnurrcsceUTUF+SH5gQzMP7xOM16tc+J9AstLt9SvNc023sLkgQXUt3GsUpIJG1ycNwD0Pal1LxJoejSQJrGtafYPcDMK3V0kRlH+yGIz1HT1rWEpRSjb+tX+opJSu/L/L/ACPP2httKvzf3WlXlvrtnqM13qOsfYpApsld2ObgDbIhi2qsQLEHaNoK5GZZSaS2oWd1baHeWWq6rb6kJ5ptDnt3lkmBljiaVowHbaGA+Y/d47V6ze3elmzu49RuLM2yL5d0s7rsUOPuuDwAQw4PXPvWeniXwlfatDpketaLc6jbzEQ2i3UTzRyKCpCpnIYDcOBkDNTfmg42/q1vu8i7pPm/ry/X5HKaD4fuNW1jTrrxRpDSW93ojwSWV5D5kUCJJAY43U5XecM5HXJxzsBrofh/oFnoPhWBLXSYNNnlLGdY7YQs5DNgsAATx0z2rTt/E+g3dpd3VrremzW9jn7VNHdxslv/AL7A4XoeuKNO8T6Dq8ZfSdb02+QSLEWtruOQB26LlSeTg4HtTnOUun9N3/UyjFR/rsrfoalFRtcQpPHA8sayygmOMsAzgYyQO+MjP1qjeeI9D063huNQ1nT7WGeQxxST3SIsjg4KqScEggjA9Kys2aGlRVO41jTLTUrbT7rUbSG9ugTb20k6rJNjrtUnLfhWePG/hQ3kloPE+jG5i3+ZD/aEW9NgJbK7sjABJ9MGmot7AblFAORkdKKQDJoo54XhmQPHIpV1YcMCMEVneFZXGktYTOzyabcPZl2OSyrzGT7mNkz71qVj6Hga/wCIRux/psZxnv8AZov8K68G2qtu50Q96jUi+ln+KX6nQHoaRfuj6U0kYPz/AK0KRtHz9vWvYOEcPvGmy/cH+8v8xQCNx+f9abKRsHz/AMS9/cUASnpSL90fSmkjH3/1oUjaPn7etADh940N2+tNBG4/P+tDEcfP39aAH1xHwz6eLv8AsZ73/wBkrtcj+/8ArXEfDMjHi35sf8VNe9/9ygDuP4vwrB8QM2o39poMbMsdwrT3rKcHyFIGzPbexA/3Q1c/rXxY0bwp45Ph7xYsumLNGstnqB+eCdG4+bAyjBgR0I4ySM1s6Zd22o+L9RvLO4iuoG0+08maJw6Mpec5Ujgg/wBK5cVJxpO3U68L7spVP5Vdet0l917/ACNxESKNY4lVEUBVVRgADoAK878P6YYE1WK00i+tPFUkF4LjVJIXSGV2kJiLSHCzZypTG4ooK/J0Po1FeOnZMyvrc8nGmaX5Lf2X4T1KOz/s14dStV0+SCS6uy8fknJUb5FYSHzxkLncXxzVS4017O20W38Z2F1qmo/20TqkwgMwv0+yTbSgVB5iBODGqk8MMEtlvXTe2oQubmEKJRCW8wYDk7dn+9kgY65rIu9Y8LXbNe3er6a39hXG6WU3qBbOUq0f7zDYUkOy4bufWto1X2/r+n91uwktLev4pr+v6Rwt9p+NHtbN/De/SJr64lsFvtKnvYrKPC7FayjwRuzIV37RGOOCdtL4Z0jxPHY2EdiI9Le30qa2lW/0uWRRi4cLGgEy7cKBj5nG3GCRgnu4fGnha4tJLqDxLpEtvEdrzJfxMiHBbBYNgcAn6AmrF14l0Kx0qDU73WtOt9PuMeTdy3SJFLkZG1ycHIBPBqZSlblt/Vmv1+Ylq7/1vf8ArseUXnhC91Tw/wCbHokDT2Oj2UbyanpTT3HmrGMxWpJUxbRglgHG9jwCprQm0XVJfHcz3sEf299VEkNzF4fmmlNpuGE+2mVYlj8vKtGRn72FZiC3f6z4iOmYa0tob6NIvNuWW9ii+yofuSybyMRHa+WGSNvCtzi8da0pdUh01tTsxfzx+bFam4XzZE5+ZUzkjg8gY4q3Ulfmt3/z/T7iVBRjbyX4afr+RzXg3wnpWh+IvEd1ZaBZ6cxvgltNDZLETCbeEkIQB8m8NwONwPeuRv8ASJP+FkX90ulb7o63bSwzR6BcCd4wsIYrqA/dpGAH3KRyAy5G7j0OHxz4SuZJEt/FGiyvEjSSLHqETFFUZZjhuAByT2qxbeKfD97plxqVnrum3FjanE91FeRtFFxn5nBwvUdTSVScZczXRL7rf5FySlp/W3/BPO7S+8Rx6XqmiR2k1xDNJqStbHQ7qB4UZpmVxcs3lS5JQBVXJ3jHQ0t7oCQRalEdFu5vEl1JHNo9+lnI4tSY4wCJwNsAV1YspZdwzw27B9Qsb+z1SyjvNNu4Ly1lGY57eQSI4zjhhweRVTTfE2haxeS2mka1p1/cwgmWG1u0ldADgkqpJHPHNJTam5Ja/wCTuJ2cV5fqedw6fb3PiDUms9IuW8Qr4gWS31P7KzLHArx+aBPjbGuwSgxlgWLH5TuqvBp1zcePLDUrbw/9hmj1ScXjrpVwbgI0cygveuwE0bHaQqKyoCg3AKCe71zXdF8FadeSma1jvJlmvI7KW6CSXbgZbYGJJ6dgcelaUfiPRJdKn1OPWNPawt2Kz3S3SGKJh1DPnAIyOCe9CnJU0vK34JP5D6td/wDg2/4B5ZLoPir/AIQLToL1FuVXwxdQRWtvpksc0DmCMLHITI25jjGAqkkHjtW5quk+KHutTN/JFqG/T7VSdPsZLbzIVuC00I3Svucx7hwR94DHOa7J/EdlcaTHfaDPa6yJnK28dreR/wCklcl1jYnazABjgkDjkjqIl8XaPb6LBqOtalp+lJM7REXN9FhJFJDRl920uuCGAJwQRk4zTlOUnzW6/mO91b+un+R5/qWkTzWd+3hPSG0/w01xaGaxn0eYJLt83zmWy/duynMG5QBv2Nw3Q9f8O7Oay0S7VlMdq92z2sI0t9PjjTaoIjgkkd0TcGOG28liF2kE9NZX1pqVlHeaddQ3drKMxzwSB0ceoYcGp6l1HZx/rp/l+ZOjszG8QWcghXVtPT/iY6eDJFjrKnV4j6hgPwO09q27W6ivbKG6t23QzxrJG3qrDIP5Gm1leDR/xR2nqCcJGUUegViAPyArqwUnzOJ0z9/D3f2WkvR3dvk1+LNxfuj6UD7xpFHyjk9KAPmPJr1DiFbt9aWmsOnJ60uPc0ANi+4f95v5mnfxH6UyIfIeT95v5mnY+Y8npQArdvrS01h05PWlx7mgAX7tNP8Ar1/3W/mKVR8vU00j9+vJ+6f5igB7fdNLTWX5TyaXHuaAAdPxrkfG/wDyHPBX/YfH/pHdV1oHHU9a5HxuP+J54K5P/IfH/pHdUAdbN/qJP90/yrnvhx/ySzwp/wBgWz/9EJXQTD9xJyfun+Vc98OR/wAWs8Kcn/kDWf8A6ISgDoH+8aKRh8x5NFAHP+Mt27QOn/IZt/8A2aukO7B6VzfjJhu0D/sM2/8A7NXSFhg80AA3YHSmpu3ydPvf0FODDaOaajDfJ/vf0FADjuyOlB3YPSgsNw5oLDB5oAF3bR06UDduPShWG0fSgMNx5oAbLu2Dp95f5inHdjtTZWGwf7y/zFPLDFAHP2ef+E11fP8Az6Wn85q2axblhY+NbaZjiPUrT7Nn/prEWdR+KvJ/3zW1XhV01Vkd2I1cZdHFfgrP8UwrkNV0PUbmLxMIbfcb6e2e3+dRvCLGG78YKnrjpXX0Vic55rp9hf6jNqFhaaR5UbeJmvm1RZI9gEU6lgwz5nmEIUGFK7SMsOQLNloOsFdF0uXSWt/7Fmmlk1NpYil3ujkT5ArF9zmQM25VAIPXiu9ht4bdWFvFHEHcuwRQu5icljjuT3qSr53y8v8AWyX6Bf3nJf1v/meYaN4Q1q3t9HvtY0a3vruPQ57K5sZZ0MSjbAI7fJBBDbJCTgjcx5xim3uh+I5jHqdtp+swTHWvtjCKWw+3LH9kaHOGY2+ASqgddoyctzXqNcv408a2fhbSL9lk36jBZSXMUf2eWWNMA7DKyDEaswIBYrnBAPFae1nOWi/q9wgrJRXp+hhaPpOs6EbPUn8P3WpHZeRPbedbC6jM04l8x8usRL4O/Y2B8u1cZxg+XrUfhzW9Jg8NXl0LTSxpYltJrYQxyANI4HmSo2xRJGown8J47V6NB4y0SbTbq9N1JHHaFRMstrLHJlvubY2UM4Y8KVBDHhcmo28deH0so7l7uZBJcG1ELWcwnE2wv5Zh2eYGKjIBUFsjGcjIpTX2dvX+uv4k6SV++/8AXy/A5PVPD+qeLINZuorPOmX0Fve2EbyqHuJvJUKGXOAExnk8sVI+6Cei1nw/qOp6x4gNs/2VNQ0OOygutw+WXdPngHPAkU59+KtT+OvDttY293NfSCKcyAAWspePyziQyIF3RBDgMXChSecVpSa3p8Udw73IC280cEh2nh327AOOc71xjPWpk5WsloOF469dPwd/zPOP+Eb8RzaZcI9hrU07WC6aiXs+nJGgLqdyiBVJjQKTliGGcBDk42PFWha1Pqt7e6Zb3jbrixkjexe3E2I/N3lBOdmRuH3uueK62LXtNmhhljudyT3b2cZ8tvmmRmVl6djG3PTjr0qpB4z0K4upbeO7kDRrI4d7aVI5RH9/ypCoWXbg52FsYolOT3W2v3O5PIk/w/NHO2uh+KdVn0mbUdQ1LTntnux9qxZm6WNtmxZQqPCScNyi9AuSDmodJ0XWvDscE0+jT66z2k1o8Sy26vGTcSSb23MqbZFZd23JG1fl9O2sNYstTmmisZHlMKozt5ThRvXco3EYJxgkA5GRkDIq9Uyk9mv6/pjSW/8AW9zz3RfDeq+Hrm2tbrRIdcSa00+FrszII7VrfOSwf5sKTvTYpJbOdnWrvibQNT1B/Fxs7bzP7R0GO0tf3ijzJR9oyvJ4/wBYnJwOevBrtaKp1ZNtlxfK7ry/B3OW8HjxEs92Nb/tL7GEj8gat9k+0CT5t+PsvybMbMZ+bO7tiupoorOUuZ3JSsFchB4R8O694p1+51vQNM1KdbqJFlu7RJWC/Z4jjLAnHPT3rriQqksQABkk9qyfCh8+xudTPTU7t7lM948BIz+KIp/GurCJuqdENKNST8l87p/kmVj8NvBOD/xRvh//AMFsP/xNA+G3gnaP+KO8P9P+gbD/APE10xYYPNCsNo+lewcRzI+G3gncf+KO0D/wWw//ABNNk+G3gkKMeDtAHzL/AMw2H1H+zXUBhuPNNlYbB/vL/MUAc3/wrbwT/wBCb4f/APBbD/8AE0D4beCdo/4o7w/0/wCgbD/8TXTlhikVhtHPagDmB8NvBO4/8UdoH/gth/8AiaU/DbwTx/xR2gdf+gbD/wDE10wYbjQzDjnvQBzX/CtvBP8A0Jvh/wD8FsP/AMTXH/D3wH4Tvv8AhJ/tnhfRbjyPEN3DF5thE3lxrtwi5XhRngdK9W3D1riPhmwx4t/7Ge9/9koA5PW/2ftH8S+ODqN7FZaTotvGsdvpukW6wtPjlnlcAYJJIwAflA5BrsvC/h7SvC3iLUtK0GxhsLSOytGSKIdctMCxJ5Y8dSSeK7DcN3XtXP6240vXrLWW4tpE+xXbdkBbMbn2DZU/7+e1cuLi3S06HXhfecqa3krL1un+NrLzNqiiivGMjj5dPuH+Ib2kYA0+RV1WRg3InCmEKR2BAVx7oak8EWN/plnb6bqOhC1fTrNLU6m0sbG8IY8oFJbYeXO/act908kdNDZ21vcTz29tDFNcsGnkSMK0pAwCxHJIAA57Cpqvm0t/X9W0B/1/XrqecX1je6VZ+CI5dLN5dWmpTyG0WRN5/cXBGwlgm7kEZIHuKntNK1jSNSg1z+wJLwStek6bbzQiW08+RHBy7rGSdh37WPLcbhk13klvDNLFJLDG8kLFonZQTGSCCQexwSOOxNPd1jjZ3OFUEk+go57L+uorX0PKV8Ba68F9p1xaQDT59FSNo4pwQ0yyXDpbKDj5F85ck7QdijGCQOi0zS9S0vxDLHPoQ1CG9uLe5W+eaIJZbIFjKkEl94KErsUg+Z95ea338UaNFa21zNfpFBdWb30UkisqmBApZySPlADrwcHn61Uh8daBLb3kxuLmD7EsbTRXNhPBLiQlY9sToHfcwIG0HJ4HNW5Tbba/q/8Anp8g0aX4fcl+hneIdC1O803xklpbs8mpWax2gV0BkYRFcDccA5/vYFYdtoXiGTUZdWudN1O6aCa0lMWqyWQursRGX92vkMIgq+YHXdtJcHJxjHWXXjvQbPTLfUJZb1rW4cxq8OmXMuxw4TY4SMmN9527XAOeMUS+PPD8FwIJ7m5jl2RvIr2FwPs6v91pvk/cqfV9oGDnoaUXNKyQrId4WsbyGXV7+9szp/8Aad59ojs3dGeICJI8uUJXcxQsdpPUck5rlvBuh+ILPWNKGqWeqiKwhmjZr97IwRBu0HkHzCSQv+sz8uehrr7nxdotnrA0y4unWfekTOLeQwxu/wBxHmC+WjnIwrMCdy8fMMkPi7RbjWDpkV1IbgO8au1tKsMjoCXRJivlu6gNlVYkbW4+U4Xvb26fgkN7WZx3xFsL62sfFc66KNRtNU0yNTcmaMLbmIOSsisQ235ty7A3zFsgdanvtO8Qz3V9q9joTWwma0gW0P2aS5RYvN3XEQZzCH/eIF3ngISQeFPXWer6P4ktzb2xF9bz2qTsr27GN4pBlQSy7ckc7Dzggkc1rU+dxVmtf6/yFbX+v6/rseW2nhnxYGhZYZ455tckuZLu6nt/Nhgks/LMpEQCGRScbVXG7uy/MdTw/wCG9Q0rUtJtE0toLGx1DUbrzvNjKLHI8giUAMWLEOG6YA6nPFd9RQ6ratbyDlVred/mY/hSwudN8OxWt7H5UyzTsV3A8NM7DkcdCDWxRRWTd3caVlYKyvBu7/hELEjGGVmHuC7EUviDUJLLTvJs/m1C8PkWidzIR976KMsfYVpadZw6ZpVrY2/+qtoViTPcKMf0rvwUXzOR0S93Da/aat8k7/n+fYsLu2jp0pBu3HpSqw2jntQGG416hxA27jp1pfm9qRmHHPel3D1oAZFu2Hp95v5mnfNuPTpTYmGw/wC838zTtw3HntQAjbuOnWnfN7UjMOPrS7h60AIu7b2pp3eevT7p/mKcrDb1ppYeev8Aun+YoAc27aelL83tSMw2nml3D1oAQbsdutcj433f254K6f8AIfH/AKR3VdcGGPxrkfG7D+3PBX/YfH/pHdUAdZNu8iTp90/yrnfhzu/4VZ4U6f8AIGs//RCV0UzDyJP90/yrnvhyw/4VZ4U/7A1n/wCiEoA32zuPSih2G480UAYHjL72gf8AYZt//Zq6Q9DXMeMkbdoH7xj/AMTm37D/AGvaukKNg/vX/If4UAPH3RTU+/J/vf0FIEbA/ev+Q/wpqI2+T96/3vQeg9qAJT94UHoaYUbcP3r/AJD/AAoKNg/vX/If4UAPX7o+lA+8aYqNtH71+noP8KAjbj+9f8h/hQAsv3B/vL/MU89KhlRtg/ev95ew9R7U8xtj/Wv+Q/woAp6tpaavpbWzyNC+VkhnQfNDIpyrj6H8xkd6o6bq5luP7N1RVttVjXLRZ+WZR/y0jP8AEp/NehrZVG2j96/T0H+FU9Q0e01aHydQTzlUhkPAZD6qw5U+4INcuIw6q6rc6qVWPL7Opt5br/P0/FFiisf+w9XtBt07xDI0fZNQtluNv/AlKMfxJPvTvsHij/oMaT/4K5P/AJIrznhay6fkaeypdKq+6X/yJrUVjpZeKGXP9saSOSP+QXJ2OP8AnvS/YfFGcf2xpP8A4K5P/j9L6tW/l/L/ADD2VP8A5+x/8m/+RNevO/iRpOrQaL4p1DTVsZLPUNGaK6+0OyyQmNZCGQBSJMhyMErgjOTnFdabHxQMf8TjSev/AEC5P/j9L9g8Uf8AQY0n/wAFcn/yRVwoVoyvy/iv8xqnSTv7SP8A5N/8ic9N4Z13Urq51i5Onwain2UWdskzyQusDvIDI5QFS5kYcK2zAI3dKzdY07XoNe0bUp49NGq3us70tEmdoEWOynAQylAxLDJ3bBtyPlOMnshY+KCP+QxpP/grk/8Aj9IbLxQJAv8AbGk8gn/kFye3/Tf3qlSrr7P5f5kqjT61Vtb7Xa38pzsfhjxJp+pNrumnSpdVuxOLi3uJZBBB5hjKlHCFn2eUoIITfknKcCrV5ate/EizgguIpIordbrU4k52vGSIMjnbuMjMM8nyR6Vsmx8UAZ/tjSf/AAVyf/H6X7B4o/6DGk/+CuT/AOSKSo19Pd29P8+m4vY0tf3kdfKXz+yc3Y/D57W6tL1rqY3UWsXF9Iv9o3Bg8qR5iAsJPlh8SLnCjndz3LIvB2tyadp2j3LaelhosUqWdxHM7S3JMDwp5iFAI8LISSGfJHGK6YWPig5/4nGk9f8AoFyf/H6PsPijOP7Y0n/wVyf/AB+k6Ndppx39PTuX7OF+b2sf/Jv/AJHzIfC+iXPh6y/s8vHLaLHGyOZGeQSbcOCWGWGVBDEk8kYAUVu1jvZeKEjZv7Y0k7QT/wAguT/4/TvsHij/AKDGk/8Agrk/+SKUsPXk7uP5f5kRo0oqyqR/8m/+RNaisgWPig5/4nGk/wDgrk/+P0Gx8UAgf2xpPP8A1C5P/j9T9Wrfy/l/mV7Kn/z9j/5N/wDImvRWQbDxPjnWdKHuNLkz/wCj6Q+GJb5f+J5rF1exnrbxBYIT9QvzMPYsR7VSwtZvawezpLV1F8k7/ikvxRBdT/8ACUSSaZpcpNgrbL+8jPykDrCh7sejEcKM9zx0ixpEqJGqoijaqqMAADoKhtbVLaMw237mKMhUSNFVVGBwABxUpRtw/ev+Q/wr06NFUo26mNasppQgrRX9XY89DQv3R9KYUbB/ev8AkP8AChUbaP3r9PQf4Vuc48feNNl+4P8AeX+YpAjbj+9f8h/hTZUbYP3r/eXsPUe1AEx6Ui/dH0ppjbH+tf8AIf4Uio20fvX6eg/woAePvGhu31pgRtx/ev8AkP8AChkbj96/X0H+FAElcR8M+ni7/sZ73/2Su08tv+er/kP8K4j4aISPFv7xh/xU172H+x7UAdz/AB/hTJ4Y54GhnRZI5BtdGGQwPBBHpRsbd/rX6eg/woZG4/ev19B/hQNNp3RgCx1jQvk0tV1TTl4S2ll2TwD0Vzw6+gYgj+8acPETDiXRNYjbuv2Xfj8VJH61veW3/PV/yH+FIqNt/wBa/wCQ/wAK4pYOnJ3Wh1/WYz1qQTffZv16fh6mD/wki5x/ZGsZ/wCvFqX/AISRf+gRrH/gC1bZRvPX96/3T2HqPanMjbT+9f8AIf4VH1GPcPbUf+ff4/8AAML/AISNf+gRrH/gC1Rz+IBNbSxrpGr5ZCozZN1IrovLb/nq/wCQ/wAKRUbn96/X0H+FDwMWrXGq9FO/s/x/4B47aeH9R0e002TQo9bg1K10aWzaW5Nzcos7CLaY0l3qi5jbooxlflOMVFDo2sx3V1qLaZfx3DLaSwwXE95fASW8zybWmmXcFcN1VRsPRW7+z7G3f61+noP8KbMjeQ/71/unsPT6Vt9Xbd+b+r3/ADJ9rQ5OT2enr/wDgdRv9Y1vwsltqOkXMN+byCdlgtJTEiR3CSbQxGWOxMZ2qCewFc/dazfeIPEHi2x0XTppbO+ijsLySS2lWW0PlsrEKFIkOG+6SgGM5OePYfLb/nq/5D/CuS8BoxufFf7xh/xUE/Yf884vaoWEiuv9af5B7endWht5nNXUesb73SrPSbk6RqF0lzJdS20v2iEDZuQRhNr58vhi643fdO3Bo6Tol7p2sRiTSdWlsre6luYrmS7v3Z9xYhfsmRChBfG4FgcE7AW+X18o25f3r/kP8KCjYP71/wAh/hR9UVrXBVaC2p/j/wAA868Dpc+E9HttOfS9SliFrF5zi1kZxcKio2GYZZCFGMkFQoUDbgL048SKc40jWOOv+gtW8EbA/ev+Q/wpqI2+T96/3vQeg9qJ4RTlzOQ/bUf5Px/4Bif8JIv/AECNY/8AAFqP+EkX/oEax/4AtW6UbcP3r/kP8KCjYP71/wAh/hUfUY9w9tR/59/j/wAAwv8AhJF/6BGsf+ALUn9sand/Jpeg3QY/8tb5lgjX6jJc/gv41vKjbR+9fp6D/CgI24/vX/If4U1gYdWw9vSW1P72/wBLGXpehG2vW1LU5/tmpSJs8zbtSFOuyNedoz1OSTgZPQDYPSmeW3/PV/yH+FBjbH+tf8h/hXbCEYLlic9SrOrLmmxy/dH0oH3jTFRto/ev09B/hQEbcf3r/kP8KozHt2+tLUbI3H71+voP8KXy2/56v+Q/woAIvuH/AHm/mad/EfpUUSNsP71/vN2HqfanbG3H96/T0H+FAD27fWlqNkbj96/X0H+FL5bf89X/ACH+FADl+7TT/r1/3W/mKRUbb/rX/If4U0o3nr+9f7p7D1HtQBK33TS1GyNtP71/yH+FL5bf89X/ACH+FADh0/GuR8b/APIc8Ff9h8f+kd1XVhGx/rX6+g/wrkvG6N/bngv94x/4n47Dj/Q7n2oA66b/AFEn+6f5Vz3w4/5JZ4U/7Atn/wCiEremRvIf96/3T2Hp9K574cox+FvhX94w/wCJNZ8YH/PBPagDom+8aKYyNuP7xvyH+FFAGD4yJ3aBx/zGbf8A9mrpCTg8VzfjIjdoHP8AzGbf/wBmrpSRg80AICdo+WmoTvk4/i/oKeCNo5piEb5Of4v6CgBxJ3D5aCTg8UEjcOaUkYPNACKTtHHagE7jxSqRtHPakBG480ANlJ2Dj+Jf5inknH3aZKRsHP8AEv8AMU8kY60AIpO0fL2oBO48UqkbRz2pARuPNAAxPHHelyf7tIxHHPenZHrQBHETsPH8TfzNOyd/3e1NiI2Hn+Jv5mnZG7r2oAGJ4470uT/dpGI45707I9aAGqTt6U0k+evH8J/mKcpG3rTSR568/wALfzFADmJ2n5aXJ/u1Fd3MVpZzXFw+yKGNpHbGcKBknA9q5Zfij4YdQyPqzKwyCNBviCP+/NAHWqTzx3oyd/TtXJL8TvDXPOr9f+gDff8Axmj/AIWd4a3ddX6f9AG+/wDjNAHVzE+RJx/Cf5U/J/u1yEvxO8NGFwDq/Kn/AJgN9/8AGad/ws/wz66x/wCCG+/+M0AdYpPPy96CTuXiuSHxO8Nc86x1/wCgDff/ABmg/E7w1uHOr/8Aghvv/jNAHWknB4oBO0fLXJn4neGsHnWP/BDff/GaB8TvDWBzrH/ghvv/AIzQB1SE75OP4v6CnEncPlrkU+J3hoNJzq/Lf9AG+9B/0xpT8TvDWRzrH/ghvv8A4zQB1pJweKFJ2jjtXJn4neGsHnWP/BDff/GaQfE7w1tHOsdP+gDff/GaAOtBO48U2UnYOP4l/mK5QfE7w1uPOr/+CG+/+M0knxO8NFRg6v8AeH/MBvvUf9MaAOvJOPu0ik7R8vauT/4Wd4a9dY/8EN9/8ZpB8TvDW0c6x0/6AN9/8ZoA60E7jxQxPHHeuSHxO8Nbjzq//ghvv/jNDfE7w1xzq/X/AKAN9/8AGaAOuyf7tcR8MyceLeP+Znvf/ZKtf8LP8M+usf8Aghvv/jNcj8P/AIgaDYf8JN9oOp/6R4hu54/L0e7k+RtuM7YjtPH3TgjuKAPWsnf93tQxPHHeuS/4Wd4a3ddY6f8AQBvv/jNDfE7w1xzq/X/oA33/AMZoA67J/u0ik7elcn/ws/wz66x/4Ib7/wCM0i/E7w1t66v/AOCG+/8AjNAHVknz14/hP8xTmJ2n5a5E/E7w15ynOr/dP/MBvvb/AKY0rfE7w0VPOsf+CG+/+M0Addk/3aRSeeO9cn/ws/wz66x/4Ib7/wCM0i/E7w1zzq/X/oA33/xmgDrcnf07U2YnyJOP4T/KuU/4Wd4a3ddX6f8AQBvv/jNJL8TvDRhcA6vyp/5gN9/8ZoA6/J/u1yPgMn7R4r4/5mCf/wBFxUv/AAs/wz66x/4Ib7/4zUXw4uFvIPEV7HFcRwXetzTQ/aLd4WdDHGA2xwGA4PUUAdiSdy8UEnB4oJG5eaUkYPNACAnA+WmoTvk4/i/oKeCMDmmIRvk5/i/oKAHEncPloJODxQSNw5pSRg80AIpO0cdqATuPFKpG0c9qQEbjzQAuT/doJOPu0uR60hIx1oARSdo+XtQCdx4pVI2jntSAjceaABieOO9Lk/3aRiOOe9OyPWgCOInYeP4m/madk7j8vamxEbDz/E38zT8jcee1ACMTxx3pcn+7SMRxz3p2R60ANUnb0ppJ89eP4T/MU5SNvWmkjz15/hb+YoAcxO0/LS5P92kYjaeadketADQTjp3rkfG5P9ueCuP+Y+P/AEjuq68EY6965HxuR/bngrn/AJj4/wDSO6oA6uYnyJOP4T/Kue+HJP8Awqzwpx/zBrP/ANEJXQzEeRJz/Cf5Vz3w4I/4VZ4U5/5g1n/6ISgDfYncfl/Wihz8xooA5/xkBu0Dgf8AIZt//Zq6UqMHgflXNeMh82gcn/kM2/8A7NXSFeDyaAFCjaOB+VMRRvk4H3vT2FOC/KOTTUX55OT97+goAcVG4cD8qUqMHgflSFfmHJoK8Hk0ACqNo4HT0oCjceB+VCr8o5PSgL8x5NADZVGwcD7y9vcU8qMdB+VMlX5ByfvL/MU8rx1NACKo2jgdPSgAbjwKFX5RyelAX5jyaABlHHA6+lLtHoPypGXpyetLt9zQAyJRsPA+83b3NO2jd0HT0psS/IeT95v5mnbfm6npQAMBxwOtLtHoPypGXpyetLt9zQAiqNvQflTSo89eB909vcU5V+XqaaV/fryfun+YoAoeJAP+EV1bgf8AHlN/6AaPDij/AIRbSuB/x5Q9v9gVieOvFmi6Fp0+mazfCyn1GynFo0wKxzMEIKB+gbkcHGcjGaTwN4u0XXbODSdGvRfXGnWMH2t4BujhYqAEL9Cxw3Azjac4oA61QOeB1o2jf0HT0oVevJ60bfn6npQA2ZR5EnA+6e3tT9o9B+VMmX9xJyfun+VP2+5oAQKOeB19KCBuXgUBevJ60FfmXk0AKVGDwPyoCjaOB+VIV4PJoC/KOTQA1FG+Tgfe9PYU4qNw4H5U1F+eTk/e/oKcV+YcmgBSoweB+VIqjaOB09KCvB5NCr8o5PSgACjceB+VNlUbBwPvL29xTgvzHk02VfkHJ+8v8xQA8qMdB+VIqjaOB09KUrx1NIq/KOT0oAABuPAoZRxwOvpQF+Y8mhl6cnrQAu0eg/KuI+GYGPFvA/5Ge9/9krt9vua4j4Zjjxbyf+Rnvf8A2SgDtto3dB09KGA44HWjb83U9KGXpyetAC7R6D8qRVG3oPypdvuaRV+XqaAGlR568D7p7e4pzKNp4H5U0r+/Xk/dP8xTmX5TyaAF2j0H5Uigc8DrS7fc0ir15PWgA2jf0HT0psyjyJOB909vanbfn6npTZl/cScn7p/lQA/aPQflSBRzwOvpS7fc0gXryetAAQNy8ClKjB4H5UhX5l5NBXg8mgBQowOB+VMRRvk4H3vT2FOC8Dk01F+eTk/e/oKAHFRuHA/KlKjB4H5UhX5hyaCvB5NAAqjaOB09KAo3HgflQq/KOT0oC/MeTQAu0eg/KgqMdB+VG33NBXjqaAEVRtHA6elAA3HgUKvyjk9KAvzHk0ADKOOB19KXaPQflSMvTk9aXb7mgBkSjYeB95u3uadtG48Dp6U2JfkPJ+838zTtvzHk9KABgOOB1pdo9B+VIy9OT1pdvuaAEVRt6D8qaVHnrwPunt7inKvy9TTSv79eT90/zFADmUbTwPypdo9B+VIy/KeTS7fc0AIFGOg6+lcl43A/tzwVwP8AkPj/ANI7qutC8dT1rkfG4/4nngrk/wDIfH/pHdUAdZMo8iTgfdPb2rnvhwB/wqzwpwP+QNZ/+iEroZl/cScn7p/lXPfDkf8AFrPCnJ/5A1n/AOiEoA32A3Hiihh8x5NFAHO+MnbdoH7th/xObfuP9r3rpC7YP7p/zH+Nc94y+9oH/YZt/wD2aukJ4NADA7YH7p/zH+NNR23yfun+96j0HvUoPyimofnk/wB7+goAQu24fun/ADH+NBdsH90/5j/Gnk/MKCeDQAxXbaP3T9PUf40B23H90/5j/GnqflH0oB+Y0ARSu2wfun+8vceo96eZGx/qn/Mf40Sn5B/vL/MU4nigBiu20fun6eo/xoDtuP7p/wAx/jT1Pyj6VzX2u88TTyrp88llpCNsN3EcS3RHB8s/wp23dT2wOTlVqxpK8jelRdS7vZLd/wBdfL9LmnqPiDTNKZV1K8gtXb7qSzIrN9BnJqn/AMJtoP8Az+j/AL5NWtP0bTtKU/YLOKFm+/IFy7n1Zjyx9yTV2vPeNnfRG1sMtLSfndL8LP8AMxo/GuhBTm9H3ifun1pf+E20Hd/x+jp/dNbFFL67U7IP9m/ll/4Ev/kTHbxtoJx/po6/3TS/8JtoP/P6P++TWvRR9dqdkH+zfyy/8CX/AMiY6+NtBA/4/R/3yaQ+NdC85T9tGApH3T7Vs0UfXanZB/s38sv/AAJf/InmPxdXw/4++Hl7psN0pv4f9JsWKn/WqD8v/AgSv457VH8Ho9A8A/Du0sLi6VdRuf8ASb47TkSMB8v/AAFQF9MgnvXqVFH12p2Qf7N/LL/wJf8AyJjjxtoIz/po6/3TR/wm2g7v+P0dP7prYoo+u1OyD/Zv5Zf+BL/5ExpfGuhNC4F6MlSPumnf8JtoP/P6P++TWvRR9dqdkH+zfyy/8CX/AMiY48baDz/po6/3TQfG2g7h/po/75NbFFH12p2Qf7N/LL/wJf8AyJkHxtoOD/po/wC+TVzTvEGmaqSmm3sF06/eSKZGZfqM5FW6paho+n6qoGoWcU5X7rsvzofVWHKn3BprGzvqkFsM9LSXndP8LL8y+jtvk/dP971HoPenF23D90/5j/Gub+13nhaZft08l9o0jAG5lO6a0J4G8/xx9t3Ve+RkjpiRlea9ClWjVV4mNai6dne6ez/rZrqv0aY0u2D+6f8AMf40K7bR+6fp6j/Gnk8GhT8o+lamAwO24/un/Mf402V22D90/wB5e49R71KD8xpsp+Qf7y/zFAAZGx/qn/Mf40iu20fun6eo/wAaeTxQp+UfSgBgdtx/dP8AmP8AGhnbj90/X1H+NOB+Y0rHp9aAG+Y3/PJ/zH+NcR8NHIHi392x/wCKmve4/wBj3rus1xHwz6eLv+xnvf8A2SgDs97bv9U/T1H+NDO3H7p+vqP8afn5/wAKRj0+tACeY3/PJ/zH+NIrtt/1T/mP8akzSKfloAiLt56/un+6e49R705nbaf3T/mP8aUn9+v+638xTmPymgBvmN/zyf8AMf40iu3P7p+vqP8AGpM01T1+tADd7bv9U/T1H+NNmdvIf90/3T3Hp9alz8/4U2Y/uJP90/yoAPMb/nk/5j/GkDtz+6fr6j/GpM0inr9aAGF23L+6f8x/jQXbB/dP+Y/xpxPzLSk8GgBgdsD90/5j/Gmo7b5P3T/e9R6D3qUHgU1D88n+9/QUAIXbcP3T/mP8aC7YP7p/zH+NPJ+YUE8GgBiu20fun6eo/wAaA7bj+6f8x/jT1Pyj6UA/MaAG+Y3/ADyf8x/jQZGx/qn/ADH+NPzSE8UAMV22j90/T1H+NAdtx/dP+Y/xp6n5R9KQH5jQA1nbj90/X1H+NL5jf88n/Mf405j0+tLmgCGJ22H90/3m7j1PvTt7bj+6fp6j/GliPyH/AHm/madn5j9KAGM7cfun6+o/xpfMb/nk/wCY/wAaVj0+tOzQBGrtt/1T/mP8aaXbz1/dP909x6j3qVT8tNJ/fr/ut/MUAIzttP7p/wAx/jS+Y3/PJ/zH+NOY/KaXNAEYdsf6p+vqP8a5Lxu7f254L/dsP+J+O45/0O5967AHj8a5Hxuf+J54K/7D4/8ASO6oA6mZ28h/3T/dPcen1rnvhy7D4W+Ff3bH/iTWfOR/zwT3rpJj+4k/3T/Kud+HB/4tZ4U/7Atn/wCiEoA3Wdtx/dt+Y/xopzH5jRQBz/jIDdoHA/5DNv8A+zV0pUYPA/Kua8ZA7tA5/wCYzb9v96ukIbB+b9KAFCjaOB+VMRRvk4H3vT2FOAbA+b9KagO+T5v4vT2FADio3DgflSlRg8D8qQg5HzfpQQ2D836UACqNo4HT0oCjceB+VChto+bt6UAHcfm/SgBsqjYOB95e3uKeVGOg/KmSg7B838S9vcU4hsfe/SgDD8Tu01paaRbsUk1OXyXdDhkhClpCD2O0bQexYVpxRRwQpDCipHGoVEUYCgDAArnPE8clxrKQorSN/Yl8Y0VcksTCOB3Pb8a860LRLuLTbtNK0kxLJp9ut7HY6BPpHmKkyGSMrIf38rRmUBlIxgj+MV5Ff95Wkm7Wsd1X3KFOK63fzvb8rfie10V5h9g0pbbVzaeGryPwzP8AZ1hsv7Hm8pbkeYXmaxG13jyYQQF+YjOOCw53UdCkktbBdQ0kbF0hoYGuPDFzqDIfOk2+UI8G1O0qVV8lAVU5KnOHs/P+rXOb+vxS/r0+Z7jRXkF/Yx32pa8kuh3sviCS3tV0y4MLXH2O5+zr/wAtgMQsrbS0jbQwA5OMB+r2VzdeOIryHw95F7a6xAZbgaRcTXDQiRVMq3pYIsZU48lA+ATnHzbGqV5JX/rT/MXN7vN5fpf+v6v65RXl1jq66dfaPFdaZrgaw1TUZLgx6JeSKqyNNsYMsRDA7l5UnrWHPEniLw3ZWi+HVvGS1nihnv8ARri8xN50ivCsWUW2kBC/vZGXsOgJEum0/IcXffQ9torxXUNJ1u8eGa/t3NzLp1oNMnfw/cXl1buIlDbZvNRbaQS5JMm0HILMQCF3tX8D241zxPdaN4etYr+TR4TaXUFokLtcM1wJTHJj5ZGBUEg55XJ6VbpJbsUW5K/p+Nv8z0yivNrrS9KvvCJ07wz4YurW3n1KER2d7p0kVq7bVLPJbsBiFQCSCEDuvBywY7vgDRZtB07VbKe2tbcDUpGjWzsjawMpROY4yzYXOe55BrNxVn5f8D/MG7W8/wDg/wCR1lFeWWWm+KbLS/D81zAt/Da290Y9PtrOW1njbyJAqvMZWAJJC5CryQR6VJ8P9Oay8aPcWmjx6dY3OmEH7Loc+np5iyKQkhlOZHAY4kKpuBbGfmCtU79f61/yBysvn/l/men0V5p4s0wz6rrn2jSLq81u4Ef/AAj19DZvILX92oGJgNsBWUOzFmXII+90q3oNhDbeINRF/ot63iGSW8aXU0tXWKSBmzEpmwFkGzy1CAsVKngYJpcnu839f13Ktrb0PQKK8kg0PxiNH0ZJJEklTwzcwW62tjJayW0hSDEbyNKw3naQDhMFSfomp6TaT6Nqw8JeHbnT9KezhS4tZNHljSecToc/ZSqtKVQNuZR8wIG44+W5UlF2v/Wv+Qk7xUu565RXkGkaPqgvbEeHbSGxRNYEyz/8I/cWdpF/ocyN/ojurKPugvvAZnHpir40qeNbZvGemtq2lrf37XUEGlySxvM0gMMv2ceYxTaJAD82CwOe4TppO1+gdE/66/5Hf61qUOnWYN1Y3l5DMTGyWtq055HQquTg9M4wM8kDmoPC7tBDc6RPuL6bKI4y5yzQsu6PJ7kAlM+qGuDstJ12SS2042N7Ba3enXEbzuTm1tftDtHDuzkSGIogXOVGTnK4PSeB4JrS4sbeaN4JR4esFljkUqysvmDBB6EZIrowy5Z7+X5/5fj9+9OXNCdN7Wv804/pJ/1t25UYPA/KkVRtHA6elBDYPzfpQobaPm7elescYBRuPA/KmyqNg4H3l7e4pwB3H5v0psoOwfN/Evb3FADyox0H5UiqNo4HT0oIbH3v0oUNtHzdvSgAAG48ChlHHA6+lIAdx5/SlYHj5u/pQAu0eg/KuI+GgGPF2QP+Rmvf/ZK3/EfifTPCdnDe69cNa2csywG5MZZImbO3eR90HGNx4BxkjNcB4Zu0u/CPi02F0kkOpeKprdJ4HBVo5pIkLKw/2WJBFTOXLFy7GtGn7WpGn3aR2SX2oeI3Z9ImGnaWCVS8EYea57ExhgVVPRiDnsMYJk/4RpT9/WNXZu5+2EZ/AACuJOiIurC3XRLj/hIhrAddSFk4jFh5oOz7RjZ5f2f935W7Of4e9UNa8I6Ro2m+I57Xw1Ba79esI7c2losMkkBa03JEwA+UuG6HG7PevIvKq7ylv/ml+v4M63iHGTjRVkvv+btd33+eiSPRf+EaT/oLav8A+Bz0f8IzH/0FtX/8DnriGtJ7RkuvCPh65h0z+1rZrOx+xtaqr+VIkkvlMFMUe5k3EqudrMAcgtVfw0tjK0fibTL7W9FTUbuS5Q2b3LTzvDFsn8pVJIz5wBUYQsMYA4zSk7+9/Wn+f9dJ+t1rr3t/+D/l+J6D/wAIzHnP9q6vn/r+aj/hGY/+gtq//gc9cx4gsbKXVIZvEegX+pac2lxx6fb/AGN7yS2uMtv3bN+yQgxgSkgDa3zjqeSn0TU49XWTWNO+1aykdgRP/YM9xcSypHHvEd+n7uH5gQSQcfMT1pxjJ/a/r+txPGV0r83T/Ly/qx6p/wAI0n/QW1f/AMDno/4RmP8A6C2r/wDgc9cfYalr9jrt/psEEktvcancE2zaHdIRG7MfMF4W8kgfeA25P3Ryc1yk2hXKvatPoxa9j07Thb7/AA5cTXG+ONcpHeL8tsdwwSwO08miEZSSblvb8f8AIJYytGVubv8Ag/1PW/8AhGY/+gtq/wD4HPQfDMZBB1XVyD/0/NXn1/ZXF147g1CHw79lu7fWo/OnGkzzXLQ79nm/bSwTy2UjMSBwqnnADFWeGfDl7N4htoddsreS7Z5xrBXw7Kgu0ZWBE13JL5c6FihUKrEYX5VAbaKMnG/MN4usm1zbf8H/ACPRP+EaT/oLav8A+Bz0f8IzH/0FtX/8DnrM+Hnhux0DR7s2ujW+mXE1/dhzHarCzxi5l8rOACVCEbe2CMcVy+n6TrF1eaNcXVheQQafr16IoWiYEq/2omdh/dO6NVJA7n+MUmnd2lsP61Xu1zd/wO7/AOEZj/6C2r/+Bz0f8Iyn/QW1f/wOeuM8LeH9akt/Clt4mitLzTV0aSCSzbS3jMOY4h5cxeR1Y4BGNq5IPHasufwcNO8Kwf2foFnaQNrd02oxHRGufOtxLOIN9vEUeaMbkKgZAG1gCBxTi02ubqP61WtfmPR/+EZT/oLav/4HPUN3oUFjZXF3LqmslIY2lcLetkhRk49+K4EadaWw8OQeItMn1LTBJfOtpHpEqJHEQmwfYy0khjDHhCCVyp2qF4j1HSGt9Fc+JdGvr20/s25XSIhatMbF/OlaPJAJgfymhAdsBBGQWFRJSSupf1r+IRxVZte9/V7f8E9CtNChvbKC6i1XWQk0ayKGvWyARkZ/OkvdDjsrGW5N/rs4iXcY4Lt3dgOu1erHHYcnsCeK86Oj3E/h1x4Q0i4sbL7BaLqazWMuLxxKrSHy8q1wfLD7mVj5gbaGY8C9Y2Gp6dpdvNo+mtcRf2zC9taW2jS6ZDETE6M4hlkZkTcVLHCjqQGJyblFpu0utvxsZxxla13Lp+l/+B5Ha6fo8Oo2Md1Hf6/AkmdqXNxJFJjOASjYZc9cEA88gdKs/wDCMx/9BbV//A568+fw0tjK0fibTL7W9FTUbuS5Q2b3LTzvDFsn8pVJIz5wBUYQsMYA47XxTaXV98PpbaxtbnLxQ+bau+6ZoQ6mWInJ3MYw69TknrzmpldWalvYqOLrt25u/wCDsXP+EaT/AKC2r/8Agc9H/CMp/wBBbV//AAOem+Eo9Li0d00HSrnSrDz3MVvPbPbjnkskT4Mak54Krzk45yfPINOubjx5YalbeH/sM0eqTi8ddKuDcBGjmUF712AmjY7SFRWVAUG4BQStbtXYLFV2r8x6L/wjKf8AQW1f/wADno/4RmP/AKC2r/8Agc9cP4f8JR3HgI2finQY7/UG0eFoGubDcIwkO1YQGBKSIxJIJyWdmGMlVsx+Hp9P1Pw9p2gaP/Z1tc6RNFeT21sIo7Ys0DOWxjEjBWUd88/wmqkmpOPNt/wf8gli6y+1/Wn+Z1//AAjMf/QW1f8A8Dno/wCEaT/oLav/AOBz147ceHJ1sLGK80d1lTw1ZwQNL4cuL2eOVTNlYpk4tpBlfmYHBKnHy11uoaT4mlGsPCI0sZddsZms3sJJJ5FU2u51mEgG0bTk7D9xufS3T97l5/6ul+o5YqvGSjzf1a52o8NBf9VrGrxt2b7WWx+DAj8xWfZeJbzTNcl0zW4bq4tUYJ/aclkYUjJwE3uB5bhifvIflPDKvWues9MC+IIPL0a8j8TLq0kt3qptHVXtTIxwbnG10MRRViDMQdvyjbla2heH9Q1M+Gpdb0+7htoY7mx+ySoQI4zE4aRx2LttA3dAq4wWIpU5zg+ZS/r+v1E8S5Plqq606K+/R+W/bY9aYDjgdaXaPQflWP4XuJ7vwtYSXMm+ZU8qRyOXZCULfiVz+NbGG/vfpXsRkpRUl1OWrTdKpKm+ja+4RVG3oPyppUeevA+6e3uKcoO3736U0g+evzfwnt7iqMxzKNp4H5Uu0eg/KkYHafm/Slw3979KAECjHQdfSuS8bgf254K4H/IfH/pHdV1oDY+939K5HxuD/bngrn/mPjt/053VAHWTKPIk4H3T29q574cAf8Ks8KcD/kDWf/ohK6GYHyJPm/hPb2rnfhyD/wAKs8Kc/wDMGs+3/TBKAOgcDceBRQwO48/pRQBz/jJvm0Dg/wDIZt//AGaukLcHg1znjP72gf8AYZt//Zq6U9DQA0N8o4NNRvnk4P3v6Cnj7opqffk/3v6CgBS3zDg0FuDwaU/eFKehoAarfKOD0oDfMeDSr90fSgfeNADJW+QcH7y/zFPLcdDTZfuD/eX+Yp56UAc/dHPjvT/+wZc/+jYK2Kx9X/0XxRol43Ecqz2TH0LhZFz+MJH1PvWxXiYlfvpf10O6r/Dpvy/9uYUUUVznOV4LG3tru5uYY9s10ytM24ncVUKOO3AA4qxRRQAVWsdPtdNhkisovLSSaSdxuJy7sXc8nuxJx0qzRQAUUjfdPU8djXjWoaLNLNrA8KaLcWNvJo9zFdQvo88M0k5C7RLMzkXb7w5DoGwN3zndlrhFSdmJ6K57NRXlOq6dZW2r6TD4m0WW/JvbqXUWhsmnS9JiGyTylDNIg+RfL+cptAOQm4xX+lTPpeladfeHUmti121ib/Sp9Ritomm/cwm2QqsTeWVxJIy+WoK92w+Rd/6t/X/D6Atf6/r+vLU9borx7TdG8WHw/cJa4s3/AOEUtLaeO/02WaSaRBcAxoRKmHGf9v7yn6+sacrJpdqjqVZYUBBGCDtFFSChJpO9hvS39dF/mWaKKKzAKKKKACiiigArk9Q0Y6t4+l26pqVh5emxf8eMwTd+9l65BrrKx9K/0rxfq92vMcEcFkD23KHkb/0ao/CujDfxonRS+Co/L9UVj4MfB/4qnxH/AOBi/wDxFA8GPtH/ABVPiPp/z+L/APEV1J6GkX7o+le2cJyw8GPuP/FU+I//AAMX/wCIpJPBrhR/xVHiP7y/8vi+o/2K6ofeNNl+4P8AeX+YoA5k+DHx/wAjT4j/APAxf/iKB4MfaP8AiqfEfT/n8X/4iupPSkX7o+lAHLDwY+4/8VT4j/8AAxf/AIihvBj8f8VT4j6/8/i//EV1I+8aG7fWgDyf4n+BtXv/AAXNpOhXuuazeajIkIhu7pDbxqGDNJJlQMALxzndjGcVxXwq8AXXhrSb67vdau2lsvEcFhNZQSkWjMk8IMhBGWOTgHjAr6OrzrwZpo1fRfG9iZDEZvEl6EkA5jcFCrD6MAfwrOpFyg4rqjfDTjCvCUtk0d7Va/0+11O3SC9i82NJo5lXcRh43DoeD2ZQfw5qro2r/b42t7xFt9TtgFurbPKn+8vqh6hv65FadeBqmVUpypycZbhRRRQQFFFYXji3uLvwHrdvZRvLcS2UqxIiFyzFTgBRyfoKaV3YRu0V52mj61FrenjT44LTVUurmS+1GfT3mguN6Da42uhwVwoUuSm3blsBjmWukpDbwf8ACcaHcava7btYI4dLlmCXJupWZxENxjLqUKOegB+fnmuRd/6sK/8AXz/pnq9FeRaj4Mn1Lw7rUniPQk1PWYfDNtFBPPai4l+0BJtwjfBJfcVztOc4PpWo2jaude1u5NqzrJcyjS3Nuf8ARrlrSJVnOc7lyrIHG3Z8wO4MSlyppX12/wCB/mO+3m7HpJ4B4z7Vn6Tq6avHK8dnfWvktscXls0J3Y5ADfeA/vLlT2J5rzK80uM6JqR8KeHdQsVXQriPUofsEkL3dyQnljDAefIMS/vF3Z3feOa6rwzp+ox+OtT1TVIJo5L/AEy1ZtwOyIiWfEIPTKKV3Y6kk9xQ6aSvf+v+D/kJNtX/AK/pf15btp4ggvNak0xbW7jlTzf3kkYCMIygJBznnzBjjnB9s61YHjaxOpeErmzFqbsSywK8Hl796+cm4Fe4xnPtmuS1Dwxa6Xf38Vn4fWPw99vtZb2xsbD5LiIQuDiJF/eASGMsoBJCng9KzSTSHrr8z0SWxt5r+3vJI91xbq6xPuPyh8buOhztHX0qS4gjuraW3nXdFKhR1yRlSMEcV5Q0mlxyQaPf6JetoU2qPfW+mtos9wsVosGwAwLGxjUzlmVWUYHOBxVfStPl1Kx0tNO02VtLs7a/gvrB7F4S8f2uN/s4DABCUH3Cp3KCvy53Lp7JPRv+rdfnoxOTi9P61/y1/q56/BBHbW0cEC7YokCIuc4AGAOakryy98OWer3Gua3F4cL3Y1ywFjcz6aUuFijNsrlN6h1QbZORgYBPSifSZU1iWbxfpb6p4bN9fNFYppMtyyTNICkrxrvMgKiTawQBd3JO4EJwvu/6sn+v3l8qUbr+tD1OivK4vD/inTfDTqtjFdxajNZT3Anun+1WxRok27BG4kwkakkuOd3XGTK+karqF/m4sbuKzsPEvmxRlDi53zZMxA5MaoSATwSzHHyqaXInLlv/AFov1Jk1GDl/Wzf6Hp9Zmt65DoUMMs9tdXCys6/6OgbbtieQk5IwMRkD3IHeuAvfBtjpNl40uNE8N21ncefCLKS10vLGPyoCwjVAGZd4YlV6kHvXX+ENX1bVY73+1UDxwyKILr+zJ9P80Fcsvkzkv8p/izg5wOQaTirXXZfiPZ6nQQyie3jlUMokUMAw5GRnmn0UVDEtgooooGFFFZGt6nJCq6dphD6rdqVgTGfKHQyv6KvX3PA5NCTbsjSnTlUkox/rz9EL4QP/ABStqcHBllIPqDK5Fbu72NVdPsItL0q0sLfPlW0aRKT1IAxk+9W6+gpx5YKL6EYiaqVpzjs23+I1W+XoaaW/frwfun+Yp6/dpp/16/7rfzFWYCs3yng0u72NDfdNLQA0Nx0PWuR8bt/xPPBXB/5D4/8ASO6rrx0/GuR8b/8AIc8Ff9h8f+kd1QB1czfuJOD90/yrnvhy3/FrPCnB/wCQNZ/+iEropv8AUSf7p/lXPfDj/klnhT/sC2f/AKISgDeZvmPBopX+8aKAOc8ZRRhtAxGv/IZt/wCH/erpDDFg/u0/75Fc74yB3aBz/wAxm37f71dIQcHn9KAGiGLA/dp/3yKakMe+T92n3v7o9BUgB2jn9KagO+Tn+L09hQAGGLcP3af98igwxYP7tP8AvkU4g7hz+lBBwef0oAasMW0fu06f3RQIYtx/dp/3yKcoO0c9vSgA7jz+lAEcsMewfu0+8v8ACPUU8wxY/wBWn/fIpJQdg5/iXt7inkHHX9KAM/VdIh1XSpLXPkO2GimRRuikUhlce4IBqnourm+82zvkFvqlrhbm3z+Tr6o3UH8DyDW2oO0c9vSs7U9EttVdZJGkguoR+5u4Dtliz1we4PcHIPcVyYjD+11juddGrDk9lU23T7P9U+v3rs7dFY23xLYfKUsdWjHAfebaX8Vwyk/Qr9KX+0dd/wChcf8A8DYq8x0aqdnFl/V2/hlFr/El+Daf4GxRWMup64wyPDj9SP8Aj9ipf7S13OP+Ecf/AMDYqXsqn8r+4Pq0+8f/AAKP+ZsUVjnUtcH/ADLj/wDgbFR/aOu/9C4//gbFR7Kp/K/uD6tPvH/wKP8AmbFFY41LXD/zLj/+BsVJ/aeubgv/AAjj5Iz/AMfsVHsqn8r+4Pq0+8f/AAKP+ZozWNvPe293LHuntt3lPuI27hhuOh49asVjnUtdA/5Fx/8AwNio/tHXf+hcf/wNio9lU/lf3B9Wn3j/AOBR/wAzYorHGpa4f+Zcf/wNio/tLXM4/wCEcf8A8DYqPZVP5X9wfVp94/8AgUf8zYorGbU9cVSx8OPgDJ/02Kl/tHXf+hcf/wADYqPZVP5X9wfVp94/+BR/zNiisf8AtLXT/wAy4/8A4GxUf2lrmR/xTj/+BsVHsqn8r+4Pq0+8f/Ao/wCZsUVj/wBo67/0Lj/+BsVG3xNfDaI7HSYz1kMhuZfwXCqD75b6U1RqvRRYfV2vilFL/En+Cbf4Ems6udPWO2soxc6ndZW1ts/ePd29EXqT+HUgVa0nSItK02G2YieXLPNMyjdLIxLMx+pJ+nSmaRolvpck8qvJcXcpAmu7g7pZABwCegAzwoAA9K0yDuHP6V6eHw/sveluRWqwUPZU9t2+7/RLp977Jphiwf3af98ihYYto/dp0/uinEHB5/ShQdo57eldZyDRDFuP7tP++RTZYY9g/dp95f4R6ipADuPP6U2UHYOf4l7e4oAUwxY/1af98ikWGLaP3adP7op5Bx1/SkUHaOe3pQA0Qxbj+7T/AL5FDQxcfu06/wB0U4A7jz+lDA8c9/SgBPJi/wCeaf8AfIriPhpFGR4tyinHia9A4/3K7nB9f0riPhmDjxbz/wAzPe9v9ygDptR0HTtTdGubfbNGD5c8LGKWP/ddSCPpnFUz4alXATxDrCrngeZE2PxMZNbmDv69vShgeOe/pWUqNObvJHRDE1YR5U9PPX8zE/4Rqf8A6GPWP++4f/jdIPDc5H/Ix6x/33D/APG63cH1/SkUHb1/Sp+r0v5Svrdby+5f5GEfDk/mKv8AwkesYIJ+/D7f9M/elPhucKT/AMJHrH/fcP8A8braIPnrz/Ce3uKcwO08/pR9Xpfyh9breX3L/IxP+Ean/wChj1j/AL7h/wDjdIPDc5z/AMVHrHX+/D/8brdwfX9KRQeee/pR9Xpfyh9breX3L/Iw/wDhG592P+Ej1jp/fh/+N0knhydY2YeI9YyAT9+H/wCN1u4O/r29KbMD5EnP8J7e1H1el/KH1ut5fcv8jG/4Rqf/AKGPWP8AvuH/AON0g8NznP8AxUesdf78P/xut3B9f0pFB557+lH1el/KH1ut5fcv8jDPhufcP+Kj1jn/AG4f/jdZ3iLSbzSfC+q6jbeItVM1pZzTxh2hKlkQsM/u+mRXWkHcvP6Vi+NQf+EB8Qc/8wy57f8ATJqPq9L+UPrdby+5f5FSz8MPPFBfPruqC5kgUGQeRuwedufKzjPapLfwo0LTCHXdUi3SF22eQNzEAljiLk+9bGmg/wBk2nP/ACwTt/sip0B3yc/xensKPq9L+UPrdby+5f5GKfDc+R/xUesf99w//G6D4anx/wAjHrH/AH3D/wDG63CDuHP6UEHB5/Sj6vS/lD63W8vuX+Rhjw1OQP8Aio9Y/wC+4f8A43QPDc+4/wDFR6x/33D/APG63FB2jnt6UAHcef0o+r0v5Q+t1vL7l/kYn/CNT/8AQx6x/wB9w/8Axuj/AIRqf/oY9Y/77h/+N1uYPr+lBBx1/Sj6vS/lD63W8vuX+RhDw1OQP+Kj1j/vuH/43QPDc+4j/hI9Y/77h/8Ajdbig7Rz29KADuPP6UfV6X8ofW63l9y/yMM+G5xj/io9Y6/34f8A43S/8I1P/wBDHrH/AH3D/wDG622B457+lLg+v6UfV6X8ofW63l9y/wAjBTw1LIp83xBrDrkgr5sa559VQH8jV/TtD07SldbO2UNJgySyEySSH1Z2yzH6mrkQOw8/xN29zTsHcee3pVRpU4O8UTPE1Zx5W9O2y/Aa0MXH7tOv90Uvkxf880/75FKwPHPf0pcH1/StTnGLDFt/1af98immGPz1/dp90/wj1FSKDt6/pTSD568/wnt7igAaGLaf3af98il8mL/nmn/fIpWB2nn9KXB9f0oAYIYsf6tOv90VyXjeKMa54LwijOvjPH/Tnc114Bx17+lcj43B/tzwVz/zHx2/6c7qgDqpoY/If92n3T/CPSue+HMUZ+FvhUmNSf7Gs/4f+mCV0cwPkSc/wnt7Vz3w5B/4VZ4U5/5g1n2/6YJQButFHuP7tf8AvkUU5gdx5/SigDn/ABk3zaBwf+Qzb9v96ukLcHg/lXOeM/vaB/2Gbf8A9mrpT0NADQ3A4P5U1G+eTg/e9PYU8fdFNT78n+9/QUAKW5HB/KgtweD+VKfvClPQ0ANVvlHB6elAb5jwfypV+6PpQPvGgBkrfIOD95e3uKcW46H8qSX7g/3l/mKeelADVb5RwenpSBvmPB/KnL90fSgfeNACM3Tg9fSl3ex/Khu31paAI4m+Q8H7zdvc07d83Q9PSki+4f8Aeb+Zp38X4UANZunB6+lO3ex/Khu31paAGq3y9D+VNLfv14P3T29xT1+7TT/r1/3W/mKAFZvlPB/Kl3ex/KhvumloAYrdeD19KXd83Q9PSlXv9aP4/wAKAGTN+4k4P3T29qfu9j+VNm/1En+6f5U+gBobrwevpSFvmHB/KnDv9aD95aAELcHg/lQG4HB/KnHoaQfdFADEb55OD9709hTi3I4P5Uiffk/3v6CnH7woAQtweD+VCt8o4PT0px6GkX7o+lACBvmPB/Kmyt8g4P3l7e4p4+8abL9wf7y/zFACluOh/KhW+UcHp6U49KRfuj6UANDfMeD+VKzdOD19KUfeNDdvrQAbvY/lXEfDNuPFvB/5Ge97f7ldxXEfDPp4u/7Ge9/9koA7Xd83Q9PSkZunB6+lO/i/Chu31oAN3sfypFb5eh/KnUi/doAYW/frwfunt7inM3yng/lSH/Xr/ut/MU5vumgA3ex/Kmq3Xg9fSn0i9/rQAm75uh6elNmb9xJwfunt7U/+P8KbN/qJP90/yoAdu9j+VIG68Hr6U6kHf60ANLfMOD+VYvjVv+KB8QcH/kGXPb/pk1bh+8tYvjX/AJEDxB/2DLn/ANFNQBoaa3/EptOD/qE7f7IqdG+eTg/e9PYVFpn/ACCbT/rgn/oIqZPvyf739BQApbkcH8qC3B4P5Up+8KU9DQA1W+UcHp6UBvmPB/KlX7o+lA+8aADd7H8qQtx0P5U6g9KAGq3yjg9PSkDfMeD+VOX7o+lA+8aAEZunB6+lLu9j+VDdvrS0ARxN8h4P3m7e5p275jwenpSRfcP+838zTv4j9KAGs3Tg9fSnbvY/lQ3b60tADVb5eh/Kmlv368H7p7e4p6/dpp/16/7rfzFACs3yng/lS7vY/lQ33TS0ANDcdD19K5Hxu3/E88FcH/kPjt/053VdeOn41yPjf/kOeCv+w+P/AEjuqAOrmb9xJwfunt7Vzvw5b/i1nhTg/wDIGs+3/TBK6Ob/AFEn+6f5Vz3w4/5JZ4U/7Atn/wCiEoA3mPzHg/lRSv8AeNFAHPeMlG7QP+wzb/8As1dIVGDXM+MjJu0DKr/yGbf+L/e9q6QmXB+RP++z/hQA4KNopqKN8n+9/QUAy4HyJ/32f8Kahk3yfIn3v7x9B7UASFRuFBUYNNJl3D5E/wC+z/hQTLg/In/fZ/woAcqjaPpQFG401TLtHyJ0/vn/AAoBl3H5E/77P+FABKo2D/eX+Yp5UYqKUybB8ifeX+I+o9qeTLj7if8AfZ/woAVVG0fSgKNxpqmXaPkTp/fP+FAMu4/In/fZ/wAKAHMo4+tLtFMYy8fInX++f8KXMv8AcT/vs/4UAJEo2H/eb+Zp20bvwqOIybD8ifeb+I+p9qdmXd9xOn98/wCFADmUcfWl2imMZePkTr/fP+FLmX+4n/fZ/wAKAFVRtppUeev+6f5ihTLt+4n/AH2f8KaTJ56/In3T/EfUe1AEjKNppdopjGXafkT/AL7P+FLmX+4n/fZ/woAVVHP1o2jf+FNUy8/InX++f8KMy7vuJ0/vn/CgAmUeRJ/un+VP2iopjJ5D/In3T/EfT6U/Mv8AcT/vs/4UAKFHP1oKjctNBl5+ROv98/4UEy7l+RP++z/hQA4qMGgKNoppMuD8if8AfZ/woBlwPkT/AL7P+FAAijfJ/vf0FOKjcKjQyb5PkT7394+g9qcTLuHyJ/32f8KAHFRg0Ko2j6U0mXB+RP8Avs/4UKZdo+ROn98/4UAOCjcabKo2D/eX+YoBl3H5E/77P+FNlMmwfIn3l/iPqPagCUqMUiqNo+lITLj7if8AfZ/wpFMu0fInT++f8KAHBRuNDKOPrTQZdx+RP++z/hQxl4+ROv8AfP8AhQA/aK4j4ZqMeLf+xnvf/ZK7XMv9xP8Avs/4VxHw0MmPFuFX/kZr3Pzf7ntQB3G0bvwoZRx9abmXd9xOn98/4UMZePkTr/fP+FAD9opFUbaTMv8AcT/vs/4UimXb9xP++z/hQAFR56/7p/mKcyjaajJk89fkT7p/iPqPanMZdp+RP++z/hQA/aKRVHP1pMy/3E/77P8AhSKZefkTr/fP+FADto3/AIU2ZR5En+6f5UZl3fcTp/fP+FNmMnkP8ifdP8R9PpQBLtFIFHP1pMy/3E/77P8AhSAy8/InX++f8KAHFRuWsXxqo/4QHxB/2DLn/wBFNWwTLuX5E/77P+FYvjUyf8ID4gyi4/sy5/iP/PJvagDT01R/ZNp/1wT/ANBFToo3yf739BVfTTL/AGTafIn+oT+M/wB0e1TIZN8nyJ97+8fQe1AEhUbhQVGDTSZdw+RP++z/AIUEy4PyJ/32f8KAHKo2j6UBRuNNUy7R8idP75/woBl3H5E/77P+FAD9ooKjFNzL/cT/AL7P+FBMuPuJ/wB9n/CgBVUbR9KAo3GmqZdo+ROn98/4UAy7j8if99n/AAoAcyjj60u0UxjLx8idf75/wpcy/wBxP++z/hQAkSjYf95v5mnbRuP0qOIybD8ifeb+I+p9qdmXcfkTp/fP+FADmUcfWl2imMZePkTr/fP+FLmX+4n/AH2f8KAFVRtppUeev+6f5ihTLt+4n/fZ/wAKaTJ56/In3T/EfUe1AEjKNppdopjGXafkT/vs/wCFLmX+4n/fZ/woAUKMfjXI+N1H9ueCv+w+P/SO6rrAZcfcTr/fP+Fcl43Mn9ueC8qv/IfGPm/6c7n2oA62ZR5En+6f5Vz3w5Uf8Ks8Kf8AYGs//RCVvzGTyH+RPun+I+n0rnvhyZP+FW+FcKuP7Gs/4v8ApgntQB0LKNxoprGTcfkX/vo/4UUAYPjI/NoHB/5DNv2/3q6QtweD+Vc54z+9oH/YZt//AGaulPQ0ANDfKOD+VNRvnk4P3vT2FPH3RTU+/J/vf0FAClvmHB/KgtweD+VKfvClPQ0ANVvlHB6elAb5jwfypV+6PpQPvGgBkrfIOD95e3uKeW46H8qbL9wf7y/zFPPSgBqt8o4PT0oDfMeD+VKv3R9KB940AIzdOD19KXd7H8qG7fWloAjib5DwfvN29zTt3z9D09KSL7h/3m/mad/F+FACM3Tg9fSl3ex/Khu31paAGq3y9D+VNLfv14P3T29xT1+7TT/r1/3W/mKAFZvlPB/Kl3ex/KhvumloAardeD19KN3z9D09KVe/1o/j/CgBkzfuJOD909van7vY/lTZv9RJ/un+VPoAardeD19KC3zLwfypR3+tB+8tACFuDwfyoDfKOD+VOPQ0g+6KAGI3zycH73p7CnFvmHB/KkT78n+9/QU4/eFACFuDwfyoVvlHB6elOPQ0i/dH0oAQN8x4P5U2VvkHB+8vb3FPH3jTZfuD/eX+YoAcW46H8qRW+UcHp6U49KRfuj6UAIG+Y8H8qGbpwevpSj7xobt9aADd7H8q4j4Znjxbwf8AkZ73t/uV3FcR8M+ni7/sZ73/ANkoA7Xd8/Q9PShm6cHr6Uv8X4UN2+tABu9j+VIrfL0P5U6kX7tADC379eD909vcU5m+U8H8qQ/69f8Adb+YpzfdNADZJo4Yy8rBEHVmOAPxquup2PP+mQdf+eg/xrC+IcEVz4VhguYkmhl1fS0kjkUMrqb+AEEHggjtVxfBXhbn/imtH6/8+EX/AMTQBo/2nY7/APj8g6f89BTZtTsfIk/0yD7p/wCWg9Kof8IV4W3f8i1o/T/nwi/+Jps3gvwsIXI8NaP90/8ALhF6f7tAGp/adj/z+Qf9/BSDU7Hn/TIOv/PQf41n/wDCFeFv+ha0f/wAi/8AiaQeCvC3P/FNaP1/58Iv/iaANE6nY7h/pkH/AH8H+NY3jPUbN/Aevol1CzNptwABICSfKarB8FeFtw/4prR//ACL/wCJoPgrwtg/8U1o/wD4ARf/ABNAGjprf8Sm04P+oTt/sip0b55OD9709hTkVUjVUAVVAAAGABSJ9+T/AHv6CgBS3zDg/lQW4PB/KlP3hSnoaAGq3yjg9PSgN8x4P5Uq/dH0oH3jQAbvY/lQW46H8qWg9KAGq3yjg9PSopbqC3b/AEiVIt3TewXP51Mv3R9K5DXdLsNW+J2hQarY217Cukai6x3MKyKG86yGcMCM4J596AOlbU7Hj/TIOv8Az0FL/adj/wA/kH/fwVmt4K8Lcf8AFNaP1/58Iv8A4ml/4Qrwt/0LWj/+AEX/AMTQBei1Ox2H/TIPvN/y0Hqad/adjuP+mQdP+egrMi8F+Fihz4a0f7zf8uEXqf8AZp3/AAhXhbcf+Ka0fp/z4Rf/ABNAGi2p2PH+mQdf+eg/xpf7Tsf+fyD/AL+Cs1vBXhbj/imtH6/8+EX/AMTS/wDCFeFv+ha0f/wAi/8AiaANBdTsdv8Ax+Qf9/BTTqdj56/6ZB90/wDLQeoqgvgrwtt/5FrR/wDwAi/+Jpp8F+FvOUf8I1o/3T/y4Reo/wBmgDTbU7Haf9Mg/wC/g/xpf7Tsf+fyD/v4KzW8FeFtp/4prR//AAAi/wDiaX/hCvC3/QtaP/4ARf8AxNAGgNTscf8AH5B1/wCegrlfGV5bXGv+C1gnjkYa8CQjgnH2S59K2R4K8LY/5FrR+v8Az4Rf/E1La+FfD1jeR3NjoWmW08fKSw2caMp9iBkUAaczfuJOD909vaue+HJ/4tZ4U4P/ACBrPt/0wSuim/1En+6f5Vz3w4/5JZ4U/wCwLZ/+iEoA3mb5jwfyopX+8aKAOe8ZKN2gf9hm3/8AZq6QqMH/ABrm/GWd2gdP+Qzb/wDs1dId2D0oAAowP8aaijfJ/vevsKcN20dKam7fJ0+9/QUAOKjI/wAaCowf8aDu3DpQd2D0oAFUbR9PWgKNx/xoXdtHTpQN249KAGyqNg/3l7+4pxUY/wDr02XdsHT7y/zFPO7HagBFUbR9PWkCjcf8aVd20dOlA3bj0oAGUcfX1pdo/wAmkbdx060vze1ADIlGw/7zd/c07aN34etNi3bD0+838zTvm3dulACMo4+vrTto/wAmkbdx060vze1ACKo2/wD16aVHnr/unv7inLu29qad3nr0+6f5igBzKNp/xpdo/wAmkbdtPSl+b2oAaqjn6+tLtG78PWhd3PTrR82/t0oAbMo8iT/dPf2p+0f5NMm3eRJ0+6f5U/5vagBAo5+vrSFRuH+NKN3PTrQd25elAAVGD/jQFGB/jQd2D0oG7aOlADUUb5P9719hTioyP8aam7fJ0+9/QU47tw6UABUYP+NCqNo+nrQd2D0oXdtHTpQABRuP+NNlUbB/vL39xThu3HpTZd2wdPvL/MUAOKjH/wBehVG0fT1pTux2pF3bR06UAIFG4/40rKOPr60DduPSht3HTrQAu0f5NcR8M1GPFv8A2M97/wCyV2/ze1cR8M848W9P+Rnvf/ZKAO22jd+HrSMo4+vrS/Nu7dKG3cdOtAC7R/k0iqNv/wBel+b2pF3be1ADSo89f909/cU5lG0/4007vPXp90/zFObdtPSgDm/Hij/hHbX/ALDOlf8Apwt66NVHP19a53x5u/4R216f8hnSv/Thb10a7uenWgA2jd+HrTZlHkSf7p7+1O+bf26U2bd5EnT7p/lQA/aP8mkCjn6+tL83tSDdz060AIVG4f40pUYP+NB3bl6UHdg9KAAKMD/Gmoo3yf73r7Csy98TaZYXBtZLjzrpQM21rG08o+qoCR9Tiqy+JnDOV0PV2DHIP2cDsOxYGspVqcXZyOmOFryV+XTz0/M3ioyP8aCowf8AGsI+J5Mj/iQ6v/34X/4ug+J5Mf8AIB1f/vwv/wAXU/WKX8w/qdbt+K/zN1VG0fT1oCjcf8awh4nkAH/Eh1f/AL8L/wDF0DxPJuP/ABIdX/78L/8AF0fWKX8wfU63b8V/mb20f5NIVGP/AK9Yf/CTyf8AQB1f/vwv/wAXSf8ACTyf9AHV/wDvwv8A8XR9YpfzB9TrdvxX+ZuFf3eUALY4BOAT9a8Pv/jn4ZtvHNrdanaaja3+mWN/YXOmCHfL9oaa12opB2sD5UmDkfd5xkA+qDxPIAP+JDq//fhf/i68y1fwJa6p8btP8bvoepC2hiEtxbG3XMlymBE/3sYxgn3QdcnB9YpfzB9TrdvxX+Z7HaPLPYW813b/AGaeRFaSDfv8tiMlc98dM1Y2j/JrBPieQ/8AMB1fr/zwX/4ul/4SeT/oA6v/AN+F/wDi6PrFL+YPqdbt+K/zNqJRsP8AvN39zTto3H6etYKeJpFUg6Dq/Un/AFC+v+/S/wDCTyZ/5AOr/wDfhf8A4uj6xS/mD6nW7fiv8zcZRx9fWnbR/k1gnxNIcf8AEh1fr/zwX/4ul/4SeT/oA6v/AN+F/wDi6PrFL+YPqdbt+K/zNxVG3/69NKjz1/3T39xWIPE8gH/IB1f/AL8L/wDF0h8TSearHQtXAAIP+jr7f7XtR9YpfzB9TrdvxX+ZvMo2n/Gl2j/JrFg8VaZcTrbSzPZ3DnCQ3sLwM59F3gBv+Ak1tfN7VrGUZK8XcxqUqlJ2nFr1ECjH4+tG0bvw9aBux260fNv7dKozGzKPIk/3T39q534cqP8AhVnhT/sDWf8A6ISuim3eRJ0+6f5Vz3w53f8ACrPCnT/kDWf/AKISgDfZRuNFDbtx6UUAc74yljLaBiRf+Qzb/wAX+9XSGaLB/eJ/30K57xn97QP+wzb/APs1dKehoAjE0WB+8T/voU1Jo98n7xPvf3h6CpR90U1Pvyf739BQAhmi3D94n/fQoM0WD+8T/voU8/eFKehoAjWaLaP3idP7woE0W4/vE/76FPX7o+lA+8aAIpZo9g/eJ95f4h6inmaLH+sT/voUS/cH+8v8xTz0oAjWaLaP3idP7woE0W4/vE/76FPX7o+lA+8aAGNNFx+8Tr/eFL50X/PRP++hTm7fWloAhimj2H94n3m/iHqad50W7/WJ0/vCli+4f95v5mnfxfhQAxpouP3idf7wpfOi/wCeif8AfQpzdvrS0ARrNFt/1if99CmmaPz1/eJ90/xD1FSr92mn/Xr/ALrfzFACNNFtP7xP++hS+dF/z0T/AL6FOb7ppaAI1mi5/eJ1/vCjzot3+sTp/eFPXv8AWj+P8KAIppo/If8AeJ90/wAQ9Kf50X/PRP8AvoUTf6iT/dP8qfQBGJouf3idf7woM0W5f3if99Cnjv8AWg/eWgBhmiwf3if99CgTRYH7xP8AvoVIehpB90UARJNHvk/eJ97+8PQU4zRbh+8T/voUqffk/wB7+gpx+8KAGGaLB/eJ/wB9ChZoto/eJ0/vCpD0NIv3R9KAGCaLcf3if99CmyzR7B+8T7y/xD1FSj7xpsv3B/vL/MUABmix/rE/76FIs0W0fvE6f3hUh6Ui/dH0oAYJotx/eJ/30KGmi4/eJ1/vCnj7xobt9aAG+dF/z0T/AL6FcR8NJYwPFuXUZ8TXpHP+5XdVxHwz6eLv+xnvf/ZKAOz86Ld/rE6f3hQ00XH7xOv94U/+L8KG7fWgBvnRf89E/wC+hSLNFt/1if8AfQqSkX7tAERmj89f3ifdP8Q9RTmmi2n94n/fQpT/AK9f91v5inN900Acz47ljPh21xIp/wCJzpX8X/UQt66NZouf3idf7wrn/Hn/ACLtr/2GtK/9OFvXRr3+tADPOi3f6xOn94U2aaPyH/eJ90/xD0qX+P8ACmzf6iT/AHT/ACoAPOi/56J/30KQTRc/vE6/3hUlIO/1oAYZoty/vE/76FYFzdT+I7yex064kttNt3MdzdQnDzOOscbfwgdGYc54GCCau+Jb6bT9BnltCBdPtgtye0sjBEP4MwNN05dP0rSYLW3uIhBbkW+9pBzJnbgn++WP1JNcGLrONqcep20UqVP23W9l5W1b/FW+b6E9jp9pplqLfT7eO3iBztjXGT6n1Pueas1l6f4n0HVtQlsdK1vTr28hBMlvbXcckiAHBJVSSMEgfU1JYeING1SO5k0zVrG8S0OLhre5SQQnnhyCdvQ9fSvLs0jGUnKV5O7NCisqz8U+H9RsLm90/XdMurS0G65uILyN44RjOXYHC8AnmpIPEGjXVpa3Vrq9hNb3kvk200dyjJPJz8iMDhm4PA54NPlfYm6NGiqM+t6Vam7F1qdnCbFFku/MuFX7OrZ2s+T8oODgnGcVBa+KvD17ptxqFlr2mXFla/8AHxcxXkbxw/7zA4X8aVmM1aKp2ur6bfW9tcWWoWtxDdki2khnV1mIBJCEHDYCnp6H0p8epWM0pjhvbeSQb8qsqkjY21+M/wALHB9DwaLNCLNFZk3ibQbZLF7jW9OiTUMfY2ku41FznGPLyfn6jpnqKtajqdhpFi95q17b2NrGQHnuZVjRcnAyzEAZJxTsxlmisiPxb4cl0iXVYtf0t9OhcRy3i3sZhRzj5S+doPzDgnuPWn3nijQNP0+2v9Q1zTbWzugDb3E93GkcwIyNrE4bjnijlfYDUoqrZ6pp+opG+n31tdLJEJkaCZXDISQHGDypIIz04pp1fTRq40o6hajUTH5os/PXzin97Zndj3xSsxFyisyLxLoU73yQa1p8jacCb1UukJtQM58zB+TGD1x0NNtPFPh+/wBOuNQsdd025srXm4uYbyN44eM/MwOF455p2YzVorCfxx4TjsoryTxPoyWszMkU7ahEEkZcbgG3YJGRkDpkVYXxV4eZ7JV13TC2of8AHmBeR5uecfu+fn544zzRyy7Cui/dWlvfWz297BHcQyDDxyqGVh7g1i+ZN4SmUvNJcaHI4Q+YxZ7EngHceTFnjnlfXHS1P4r8O2urjSrrXtLh1FnVBZyXkazFmxtXYTuycjAxzkUkniLw5d6nJoMms6ZLfybon0/7XGZj8uSpjzu6Z4x0q6cpwfNE6KVbk9yesXuv1XZ9n+l0bYmix/rE6/3hR50W7/WJ0/vCsjwpLINJlsJ3aSXTLh7QuxyWVcNGT7mNkz71tfx/hXuQkpxUl1OetTdKo4dv6v8AMimmj8h/3ifdP8Q9K574cyxj4W+FQZFB/saz/i/6YJXSTf6iT/dP8q574cf8ks8Kf9gWz/8ARCVZkbjTR7j+8X/voUU9/vGigDnvGQ+bQOT/AMhm3/8AZq6Qjg8mub8Zbt2gdP8AkM2//s1dId2D0oAAPlHJpqD55OT97+gpw3YHSmpu3ydPvf0FADivzDk0EcHk0HdkdKDuwelAAo+UcnpQB8x5NC7to6dKBu3HpQA2UfIOT95f5inleOppku7YOn3l/mKcd2O1AAo+UcnpQB8x5NC7to6dKQbtx6UAKw6cnrS49zSNu46daX5vagBkQ+Q8n7zfzNO2/P1PSmxbth6feb+Zp3zbu3SgAYdOT1pce5prbuOnWnfN7UAIo+XqaaR+/Xk/dP8AMU5d23tTTu89en3T/MUAOZflPJpce5pG3bT0pfm9qAEUdeT1ox8/U9KRd3PTrS/Nu7dKAGzD9xJyfun+VPx7mmTbvIk6fdP8qf8AN7UAIq9eT1oI+ZeTQN3PTrSHduHSgBSODyaAPlHJoO7B6UDdgdKAGoPnk5P3v6CnFfmHJpqbt8nT739BTjuyOlAARweTQo+UcnpQd2D0oXdtHTpQAAfMeTTZR8g5P3l/mKcN249KbLu2Dp95f5igB5XjqaRR8o5PSg7sdqF3bR06UAAHzHk0MOnJ60g3bj0pW3cdOtAC49zXEfDMceLeT/yM97/7JXb/ADe1cR8M92PFuMf8jPe/+yUAdtt+fqelDDpyetHzbu3Skbdx060AOx7mkUfL1NL83tSLu29qAGkfv15P3T/MU5l+U8mmnd569Pun+Ypzbtp6UAc548H/ABTtryf+QzpX/pwt66NR15PWub8ebv8AhHbXp/yGdK/9OFvXRru56daAFx8/U9KbMP3EnJ+6f5U75t3bpTZt3kSdPun+VAD8e5pFXryetL83tSDdz060AYXiofu9KBJIOpwZH0bP8xWO1jOfiMbVFU6e6pqspDcicKYQpHYEBWHuhrY8U526TnH/ACE4P5mtGGztre4nnt7aGKa5YNPIkYVpSBgFiOSQABz2FeRinatfy/r/ADO2f+7wXr+f+Wh5XZ+E/E93CNPmj1W12W97Ck989kba281HVWg8g+cWyV/1mQFLd8UlxY65pmlTvc2Ouz3NxYf2Nbw3M2mqC0mAPLEKqCihWIMjLjONvzEjtZtS8TWKXF3qFrY/Y7dmkfyQxdohM44+b7wiCP05O4d+JNQ8VQafqzCV1OnQRKJXigknllnkI8uONYwSx2hmIAJwyngZrGMnpZL+v89jB6P+vL/JHKTLqWp+INRT/hHb22lRbC9isrya3zdR28jblBSV1DZIK7iBkDJA5qS/8L6vrmpLqf8AZR0zztT+1CCSWJpISlnJGkz7GKljIY+FZjgKSeoXqLvxzoVlBZzSPfSxXyK1vJa6Xczq+7OFzHGwDcH5ThvanDxvoB1H7CbqZZllSGTdZzKkMjqrIkjlNsbMHXAYgknA54pqU+i/PyX+XzJSUf66a/5s40eG/EBk1m+l0Vzea/HZecEnh/cOs0rMHJcZEcZjXK5zxgHnGp4o8Na1fX19d6cbiMJfWl0gtjAZZ1jjZWCeaCgYMQw3jBKjkdR0cXi/RJ9YOmx3b+f5jxK7W0qwySICWRJivlu4w2VViRtbj5Tihpvi5JtUjjvr3TFsryze/wBPkiMokmtxtPmSKygRBVYDljuPOFwVqZOTfNa1v02/Irv936GBZ+EtcuGsZzc6vp0r6vLeTXE0ti9zEptWi3FEiMI3MAMKHODuJBJCxad4O1+PVbS2ug8li7akt9eyyxCSSOS6WVBtQAZkVcHAAALdDgV1i+OdDfSZdSjkvnt4XCShNMuWljyu4M0Qj3hSvO8rt96jbx/oSw20v/E0YXSPJEi6LeM7Iu3c+wRbgvzr8xABzwTVOU3py/h5f5E6Wt3d/uZw8XgvxFZafZwGHUzHcaHb6dPbac9htiaPeGSU3Ct8h8zrHu/i+U8Z73WdJu5/D2l2durTy213ZPIWkBO2OVGdixC54UnoM9h2pLrx34ds/KaS+eSKWKObz7e1lnijST7jSSIpWMHqCxHHPStm6vraza3W5k2G5lEMXyk7nIJA46cKeTSlUnzJta3v87hK07+j/FHGXGi6tZ+I7vWY9KfUI49Z+1R2sUsQkljayjh8xN7KoZWDDDMvG4jtl2haPq0PiCwluNINlbede30mJomSAzH5YsK2TJ1ZiAUBJwzdT0N54q0ixjkaaeV2juTamK3tZZpWlChiqxopZsKckgEAVbi1mwm0Q6vFcBrERNMZQp4VQS2RjIIwcjGQQRjNS5vlu10t8rf0/wDgDdpO39f10/4J50+h+K9MktJNMt9XhlGnGDdpz2LIJPOkYCUXBztwwP7vnk98VtXWl6vfeJ7ENo5s1huDcz3tvJB9mmc25j80jibzRnYAQU29SeNvTXXiHS7IE3d2sQFqbvLK3+qBA3dPVgMdTnpVBPGGnahbTppU7xXyypAkOoWU9uRK4JQMjorhWwfmxjg9cYpJtRtb+m/8/wCrhe7un/Vv8vw8jjb/AMM67qXhODSIvD/2KfSdHubJZzPCVvHeDywsWGJCMwDkybOQvBOSsiaR4mMeoXo0rULu5kW0jD6yLB7rEcrMTAsTCAFN25TJg7uTuAArrLHxfaf2Fc32qTwmSzvDZ3MenRzXIjm3ACJcIHkPzKCVXrngYqYeM9EbSItRSa6eGaZ7eOJbCcztIhIdRAE8zK7Wz8vGCelaOc97f1v+IaWsv6/qxy+neG9d/sDxNHeQXUlzqd5DcwNdyW3nSKEhUh/JCxhh5ZBwMcDBbrUfinwtrt5r+s/Zm1W4stZjijVbGSxjiiCptKzNPG0qgHLhowxG44XI+buLPxBpmobPsd0JfMt/tK4Rh+7ztJORwQQQVPIIORTtO1vT9WYDT7jzibeK5+4y/u5QSjcgddp46jHOKlSlzc1tv+G/QV133/4c5JtC1i7s9Xd9Pkhe68RWd3FHLNGXaCFrYNISrEDIhdgM5xjgE4qK08K6yusaZfBp7ayh1ye6/skNAYreJ0mHmlsF2dnfcQHIHmYC/Lx0dzqerXd4reHUtLm0jl8i5MwYOrrOiyAcjpH5hHXJA69DvU/aSUV/XRL8loVd6x/rr/mZOhj/AIqLxCASB9ohb8fIQf0FbmPn6npWFomf+Ek8QYx/r4f/AEStbvzbu3SvVw38FGuL/iL/AAx/9JQ2YfuJOT90/wAq574cj/i1nhTk/wDIGs//AEQldDNu8iTp90/yrnfhzu/4VZ4U6f8AIGs//RCV0HIdAw+Y8mihs7j0ooA5/wAZMN2gf9hm3/8AZq6QsMHmuc8Zfe0D/sM2/wD7NXSHoaAEDDaOaajDfJ/vf0FPH3RTU+/J/vf0FAClhuHNBYYPNKfvCg9DQAisNo+lAYbjzSr90fSgfeNADJWGwf7y/wAxTywxTZfuD/eX+Yp56UANVhtHPagMNxpV+6PpQPvGgBGYcc96XcPWhu31paAI4mGw/wC838zTtw3de1JF9w/7zfzNO/j/AAoARmHH1pdw9aG7fWloAarDb1ppYeev+6f5inr92mn/AF6/7rfzFACsw2nml3D1ob7ppaAGqw5+tG4b+valXv8AWj+P8KAGTMPIk/3T/Kn7h602b/USf7p/lT6AGhhzz3oLDctKO/1oP3loAQsMHmgMNo5pT0NA+6KAGIw3yf739BTiw3DmkT78n+9/QU4/eFACFhg80Kw2j6Up6Ghfuj6UAIGG4802VhsH+8v8xTx9402X7g/3l/mKAHFhikVhtHPanHpSL90fSgBAw3GhmHHPelH3jQ3b60AG4etcR8M2GPFv/Yz3v/sldxXEfDPp4u/7Ge9/9koA7XcN3XtQzDj60v8AH+FDdvrQAbh60isNvWnUi/doAYWHnr/un+YpzMNp5pD/AK9f91v5inN900Ac348Yf8I7a/8AYZ0r/wBOFvXRqw5+teH/ABv8f+IPAuq2tvcWEGpaHfT2t5ayZ8qSGW2uIpXiLAEFW8sYJGRvPJ24r0b4b6pr+veDoNb8ULDBc6kftENrDHtW3hI+Qc5JJHzEk/xY4xQB1W4b+vamzMPIk/3T/Kn/AMf4U2b/AFEn+6f5UAO3D1pAw55706kHf60AYni5Hfw+9xApeWyljvFUDlvKcOQPqqkfjWjDLHcQJNCweORQyMOjAjINWWHzCuXgl/4RO6Gn3uE0eV8WNz/Dbkn/AFDnsM/dJ4x8vUDPm42m9KiO6ivbUvZr4k7rzTtf7rXt6m3fNdLYynT4ILi52/u4riYxIx9CwViB/wABNclH4LutN0LSv7L+yyanp98b9o5pWSGZ3R42TftZlVUfah2nARBj07SivPjJx2OcwrnTdU1LTtIN+1mt7bXcVzciAt5Y25yqEjJxkDJxnGcDpXM2+l6vquseKbC2Fium3WsRtcXEjsJotsFuSFQLh920DJZduc4bGK9Dopxly38/+B/kS1e39d/8zjLfwzrivaaZMdPXSLG9e7iuklc3E2S7LG0ewKmC/L72zt+6C3y5en/DO9HhyysNVvrdrn+yp9Pu7iFW+VWjWOMICOVUKc5xkknA3YHo9FPnaTS6lJ2aa6GBa2viC80C/tNcj023llgMFulnLJIv3MFmdlXqT90LwB1bPGFr/g/Vb240WW0hhulsdOe0mjGt3WnEs3l8h4EJdfkPDYHINd5RSUmpcy/rdfqxWVrf10/yPMdV8CeLNQ0UaVLf2k0K2EcEMiX89pHbusYDqbeFAsysy9XbCg8IcEP2XiTQG8Q22nQPI0UdveJPMYbmSF9oRhhHjIYHLDoRxn6VuUU5VHK1+9wSt+R5zdfDi8hcT6fPLO0F9PNFBLrd3btLFKkanfcpul3Ax5GdwIOPQjobHw3PaeALrRR5Md1cw3GcTzSoskpZuZJSzvy3LHG45O1c7R0tFKU3KPKxx913Xr+pwjeBdR0x2uPDWpTQ3X9mfZg97qE9ziTzEbCmXeI1KqwyBxkHacYrOj8A+IxLczQXdtYy3E1pIrSajc6g9uIjKHxJOMudrhl4VQeCvBZvTKKr2suv9a3/ADJUUv68rfkedT6Frmj6tDpnh/S7K5sZr86juuLqWKOOOGKGOOMuInw5cb+c5EZ7nilbeE9f1KN5LuzW2vtN1W8ZYIdXurWG6judsxZbiKNX+Utt+6VJVhx29Sop+1drf1/VtClZKy/rf/NnA2Xw5JMJv5pYQtnKhSx1a9jIlkmaQ7pPM3yj5uWY8nJ2rnAz5fAPiKGS3NhJAsqaRaWIuotburX7PLEHBk8mNNk4ywIDkZwQcAmvTqKSqyX9er/UlxTfN1/4b/IyvD+l3GlWl1HdSRyPNezXAZM8h3LDPHB56Vq0VgajeSa3eSaHpDHZ93ULxD8tuneNT3kI4wPug5PYGEnJqKN6VJ1JPot2+3n/AFvstSx4VYXMOo6p/DqF68kR9Y0VYlP0Ij3D/erd3Df17U23gitraOC3RY4olCIijhVHAA/Cn/x/hXv04ckFHsZV6iq1HJbdPRaL8BkzDyJP90/yrnvhyw/4VZ4U/wCwNZ/+iEropv8AUSf7p/lXPfDj/klnhT/sC2f/AKISrMTedhuPNFK33jRQBznjJG3aB+8Y/wDE5t+w/wBr2rpCjYP71/yH+Fc74yJ3aBx/zGbf/wBmrpCTg8UANCNgfvX/ACH+FNRG3yfvX+96D0HtUgJ2j5aahO+Tj+L+goACjbh+9f8AIf4UFGwf3r/kP8KcSdw+Wgk4PFADVRto/ev09B/hQEbcf3r/AJD/AApyk7Rx2oBO48UARyo2wfvX+8vYeo9qeY2x/rX/ACH+FJKTsHH8S/zFPJOPu0AMVG2j96/T0H+FARtx/ev+Q/wpyk7R8vagE7jxQA1kbj96/X0H+FL5bf8APV/yH+FKxPHHelyf7tAEUSNsP71/vN2HqfanbG3f61+noP8ACiInYeP4m/madk7/ALvagBrI3H71+voP8KXy2/56v+Q/wpWJ4470uT/doAYqNt/1r/kP8KaUbz1/ev8AdPYeo9qkUnb0ppJ89eP4T/MUADI20/vX/If4Uvlt/wA9X/If4UrE7T8tLk/3aAGKjc/vX6+g/wAKNjbv9a/T0H+FOUnnjvRk7+nagCOZG8h/3r/dPYen0p/lt/z1f8h/hSTE+RJx/Cf5U/J/u0AMCNz+9fr6D/Cgo25f3r/kP8KcpPPy96CTuXigBpRsH96/5D/CgI2B+9f8h/hTiTg8UAnaPloAjRG3yfvX+96D0HtTijbh+9f8h/hQhO+Tj+L+gpxJ3D5aAGlGwf3r/kP8KFRto/ev09B/hTiTg8UKTtHHagBoRtx/ev8AkP8ACmyo2wfvX+8vYeo9qkBO48U2UnYOP4l/mKAFMbY/1r/kP8KRUbaP3r9PQf4U8k4+7SKTtHy9qAGhG3H96/5D/Chkbj96/X0H+FOBO48UMTxx3oATy2/56v8AkP8ACuI+GiEjxb+8Yf8AFTXvYf7HtXc5P92uI+GZOPFvH/Mz3v8A7JQB2mxt3+tfp6D/AAoZG4/ev19B/hTsnf8Ad7UMTxx3oATy2/56v+Q/wpFRtv8ArX/If4U/J/u0ik7elAEZRvPX96/3T2HqPas/VtYg0xkt83F1ezAmG0t1VpHA6nsFX/aYge9T6tqKaTYT38yMy28LvsXq54wo9ycD8a8j+KHxBl+F/h1YoSk/irWV82edsHyh0AH+yvKqOnBJ5NZTm1ojuwuHjNc89v6vfyXW2ruktXp1Hjbwpe+O9EhsPEUWm2VqlzHcRrNcF5AyHoSFUDKllIBPDdc1vrqWr6XEG1PThLZqObjTH8zy1x1MRUNj/d3fSvhbU/FOuaxfPealqt3PPIcs7Stk103gH4t+I/A+qRPDey3VgX/fWkzllcd/x96m1Ra/1+Rup4Sb5bL7ml9/M2vV380fbtpcQ31vFdWd358Eq7kkQqQw/KpJkbyH/ev909h6fSuQ0HWbOeTTdd0YkaR4gGHiBGIbjBIYem7ayt2LBT3OevuZBHaSvIQiKjFmYgADHU1pCXMjjxND2M7dH/wzT80/8+o/y2/56v8AkP8ACkCNz+9fr6D/AApUkWWNZIyHRgGVlIIIPcGlUnn5e9Wcw0o25f3r/kP8KbPbLcQPFOfNjdSrI6qVYehBHNSEncvFBJweKBptO6MBPDVxYLjQNXms4+1tcILiFfoCQyj2DAe1KsPinLD7RpDbTjPkSjPHpvNbwJwPlpqE75OP4v6CuaWFpN3sdX1uo/is/VK/37v5mJ5HinI/faP/AN+pf/iqPI8U/wDPfR/+/Uv/AMVW6Sdw+Wgk4PFT9Updg+tS/lj9yMIQeKSP9fo//fqX/wCKo8nxTnHnaR/36l/+KrdUnaOO1AJ3Hij6pS7B9al/LH7kYXkeKf8Anvo//fqX/wCKo8jxT/z30f8A79S//FVvZP8AdoJOPu0fVKXYPrUv5Y/cjBEHikj/AF+j/wDfqX/4qs6bUPE0Piaz0YnSS91Z3F0JPLlwoieFSMbu/nj/AL5NdcpO0fL2rmr0n/hauicf8wXUf/R1lR9Updg+tS/lj9yLBh8Uj/ltpH/fqX/4qjyPFP8Az30f/v1L/wDFVusTxx3pcn+7R9Updg+tS/lj9yMBYvFLDPnaR1I/1UvY4/vUvkeKc/6/R/8Av1L/APFVtxE7Dx/E38zTsncfl7UfVKXYPrUv5Y/cjCMPikf8ttI6/wDPKX/4qjyPFP8Az30f/v1L/wDFVusTxx3pcn+7R9Updg+tS/lj9yMEQ+KSP9dpH/fqX/4qkMPineF8/SBkE58mU46f7XvW8pO3pTST568fwn+Yo+qUewfWpfyx+5GE/h/Ub5CNZ1uR4j963sIvsyN7Fss+PowrYtLCCwtI7ayUQQRjCRxqoA/DFTsTtPy0uT/dreFKFP4UZ1K9SouWT07JJL7loMCNj/Wv19B/hRsbd/rX6eg/wpwJx070ZO/p2rQwI5kbyH/ev909h6fSue+HKMfhb4V/eMP+JNZ8YH/PBPaujmJ8iTj+E/yrnvhyT/wqzwpx/wAwaz/9EJQBusjbj+8b8h/hRTmJ3H5f1ooA5/xkRu0Dn/mM2/8A7NXSkjB5rmvGQG7QOB/yGbf/ANmrpSoweB+VAACNo5piEb5Of4v6CnhRtHA/KmIo3ycD73p7CgBxI3DmlJGDzSFRuHA/KlKjB4H5UACkbRz2pARuPNCqNo4HT0oCjceB+VADZSNg5/iX+Yp5Ix1pkqjYOB95e3uKeVGOg/KgAUjaOe1ICNx5oVRtHA6elAA3HgUADEcc96dketNZRxwOvpS7R6D8qAGREbDz/E38zTsjd17U2JRsPA+83b3NO2jd0HT0oAGI45707I9aawHHA60u0eg/KgBFI29aaSPPXn+Fv5inKo29B+VNKjz14H3T29xQA5iNp5p2R601lG08D8qXaPQflQAikc896Mjf17UKBzwOtG0b+g6elADZiPIk5/hP8qkyPWo5lHkScD7p7e1P2j0H5UAICOee9BI3LzQFHPA6+lBA3LwKAFJGDzQCNo5oKjB4H5UBRtHA/KgBiEb5Of4v6CnEjcOaaijfJwPvensKcVG4cD8qAFJGDzQpG0c9qCoweB+VIqjaOB09KAAEbjzTZSNg5/iX+YpwUbjwPypsqjYOB95e3uKAHkjHWhSNo57UFRjoPypFUbRwOnpQAAjceaGI4570ADceBQyjjgdfSgB2R61w/wAMyMeLef8AmZ73/wBkrt9o9B+VcR8MwMeLeB/yM97/AOyUAdtkbuvahiOOe9G0bug6elDAccDrQA7I9aapG3rS7R6D8qRVG3oPyoAwvFxH9nWu4/u/t1p5n+79pi/Svlr9pg3J+LUnnbvIFtF5GemNozj8c19a6vpserWE9jKSgnhdQ6jlDxhh7g4P4V5F8U/h5L8T/DiXVqiW/inR18m4ticeYOvH+yeWU9wfUYrCek0/66/5nq4e1TDSpp66/i4tffy2vsm1c+SKK0tS8OazpF7Jaajpl1bzxnDI8RyDXTeA/hT4j8c6tHDbWUtvZB8T3UyFUQd+fX2rT2kbbnIsJXcrOLXrol6s9y+EbXv/AAoC36G4GrwfYvNJxnz4dvTnGc5x2zXG/EST4lyeNNPj+JJWPw615GMWm7+zSNwx5hHO3P8Af+bGcV7toWhWdpJpfh/R13aV4fG6aXHEtwAcJ9QWLt6HaPWuvuoYprOaOaNJI3RlZGUEMMdCKikt2dGOkvdgvX70kvm0r/MwAfGwGB/wj/8A5GpAfG3PPh/r/wBNq6RI0jRUjRVVRhVUYAHpQFHPA6+lbHmnNk+Ntw58P/8AkalJ8bYPPh//AMjV0ZA3LwKUqMHgflQBzYPjbA58P/8AkamofG26TB8P/e5/13oK6YKMDgflTEUb5OB9709hQBzpPjbI58P/APkalJ8bYPPh/wD8jV0ZUbhwPypSoweB+VAHNg+Nto58P9P+m1ID423Hnw//AORq6RVG0cDp6UBRuPA/KgDnM+NvXw//AORqM+NvXw//AORq6TaPQflQVGOg/KgDmwfG20c+H+n/AE2pmn6Vr03jG21jXZdNEdpYXFrHHZiTLGWSBsnd2HkfrXTKo2jgdPSgAbjwKABiOOe9OyPWmso44HX0pdo9B+VADIiNh5/ib+Zp+RuPPamRKNh4H3m7e5p20bjwOnpQAMRxz3p2R601gOOB1pdo9B+VACKRt600keevP8LfzFOVRt6D8qaVHnrwPunt7igBzEbTzTsj1prKNp4H5Uu0eg/KgABGOvekyN/XtQFGOg6+lG0b+g6elADZiPIk5/hP8q574cEf8Ks8Kc/8waz/APRCV0MyjyJOB909vaue+HAH/CrPCnA/5A1n/wCiEoA33PzGihgNx4ooA5/xkPm0Dk/8hm3/APZq6QrweTXM+MnbdoH7th/xObfuP9r3rpC7YP7p/wAx/jQA4L8o5NNRfnk5P3v6CgO2B+6f8x/jTUdt8n7p/veo9B70ASFfmHJoK8Hk00u24fun/Mf40F2wf3T/AJj/ABoAcq/KOT0oC/MeTTVdto/dP09R/jQHbcf3T/mP8aACVfkHJ+8v8xTyvHU1FK7bB+6f7y9x6j3p5kbH+qf8x/jQAqr8o5PSgL8x5NNV22j90/T1H+NAdtx/dP8AmP8AGgBzL05PWl2+5pjO3H7p+vqP8aXzG/55P+Y/xoASJfkPJ+838zTtvzdT0qOJ22H90/3m7j1PvTt7bv8AVP09R/jQA5l6cnrS7fc0xnbj90/X1H+NL5jf88n/ADH+NACqvy9TTSv79eT90/zFCu23/VP+Y/xppdvPX90/3T3HqPegCRl+U8ml2+5pjO20/un/ADH+NL5jf88n/Mf40AKq9eT1o2/P1PSmq7c/un6+o/xo3tu/1T9PUf40AEy/uJOT90/yp+33NRTO3kP+6f7p7j0+tP8AMb/nk/5j/GgBQvXk9aCvzLyaaHbn90/X1H+NBdty/un/ADH+NADivB5NAX5RyaaXbB/dP+Y/xoDtgfun/Mf40ACL88nJ+9/QU4r8w5NRo7b5P3T/AHvUeg96cXbcP3T/AJj/ABoAcV4PJoVflHJ6U0u2D+6f8x/jQrttH7p+nqP8aAHBfmPJpsq/IOT95f5igO24/un/ADH+NNldtg/dP95e49R70ASleOppFX5RyelIZGx/qn/Mf40iu20fun6eo/xoAcF+Y8mhl6cnrTQ7bj+6f8x/jQztx+6fr6j/ABoAft9zXEfDMceLeT/yM97/AOyV2vmN/wA8n/Mf41xHw0cgeLf3bH/ipr3uP9j3oA7jb83U9KGXpyetN3tu/wBU/T1H+NcHqGpXr+L7rT9Qe6g0eXUYIhPb3TK4kMCssJ2kGNGbB3Kx3N8pA3ZKvqHS53+33NIq/L1NecS+PtetNPtr+W3sLpNTtReWlpBGUmgXzokMblpcSHEwG792Aw5GDw698d+JZbk2GlaBLb3rXUqrFcRwTPHHHFCxDL9rjQsTNnKyHAH3TyQ/6/Qrld7HoZX9+vJ+6f5is/VdDg1GSO6Saa0voQRFdwMA6j+6c5DL/ssCPxrmbfxtqFzZS3f2O3jKXFhEqB1lAW4MG/50cq2PNbaynHTrXbM7bT+6f8x/jQ4prX+rFQnOm1OLsYE1h4gbCXCaLqgX7sk8bwt+Iw4z9MUq6PrN/GYdS1KKztOht9MQozD0MpOQP90Kfet/zG/55P8AmP8AGkV25/dP19R/jWfs0dH1udtEk/T+kvkkRWllb2FvHa2cawwRLtSNBgAVLMv7iTk/dP8AKje27/VP09R/jTZnbyH/AHT/AHT3Hp9a02ORtyd3uS7fc0gXryetJ5jf88n/ADH+NIHbn90/X1H+NAhxX5l5NBXg8mml23L+6f8AMf40F2wf3T/mP8aAHBeByaai/PJyfvf0FAdsD90/5j/Gmo7b5P3T/e9R6D3oAkK/MOTQV4PJppdtw/dP+Y/xoLtg/un/ADH+NADlX5RyelAX5jyaarttH7p+nqP8aA7bj+6f8x/jQA/b7mgrx1NN8xv+eT/mP8aDI2P9U/5j/GgBVX5RyelAX5jyaarttH7p+nqP8aA7bj+6f8x/jQA5l6cnrS7fc0xnbj90/X1H+NL5jf8APJ/zH+NACRL8h5P3m/madt+Y8npUcTtsP7p/vN3Hqfenb23H90/T1H+NADmXpyetLt9zTGduP3T9fUf40vmN/wA8n/Mf40AKq/L1NNK/v15P3T/MUK7bf9U/5j/Gml289f3T/dPceo96AJGX5TyaXb7mmM7bT+6f8x/jS+Y3/PJ/zH+NACheOp60bfn6npTQ7Y/1T9fUf40b23f6p+nqP8aACZf3EnJ+6f5Vz3w5H/FrPCnJ/wCQNZ/+iErfmdvIf90/3T3Hp9a574cuw+FvhX92x/4k1nzkf88E96AOhYfMeTRTWdtx/dt+Y/xooAwvGX3tA/7DNv8A+zV0hPBrmvGQG7QOB/yGbf8A9mrpSoweB+VAAD8opqH55P8Ae/oKcFG0cD8qYijfJwPvensKAHk/MKCeDSFRuHA/KlKjB4H5UACn5R9KAfmNIqjaOB09KAo3HgflQAkp+Qf7y/zFOJ4pkqjYOB95e3uKeVGOg/KgAU/KPpSA/MaFUbRwOnpQANx4FACsen1pc01lHHA6+lLtHoPyoAbEfkP+838zTs/P+FMiUbDwPvN29zTto3dB09KABj0+tOzTWA44HWl2j0H5UACn5aaT+/X/AHW/mKVVG3oPyppUeevA+6e3uKAHsflNLmmso2ngflS7R6D8qAEU9frS5+f8KRQOeB1o2jf0HT0oASY/uJP90/yp+ajmUeRJwPunt7U/aPQflQAKev1pCfmWgKOeB19KCBuXgUAKTwaAflFBUYPA/KgKNo4H5UANQ/PJ/vf0FOJ+YUxFG+Tgfe9PYU4qNw4H5UAKTwaFPyj6UFRg8D8qRVG0cDp6UAKD8xpsp+Qf7y/zFKFG48D8qbKo2DgfeXt7igB5PFCn5R9KCox0H5UiqNo4HT0oAAfmNKx6fWkAG48ChlHHA6+lADs1xHwz6eLv+xnvf/ZK7baPQflXEfDMDHi3gf8AIz3v/slAHb5+f8KrT2FlOkqz2kEizurSh41IkK4wWz1IwMZ9BVjaN3QdPShgOOB1oAz4fDuiW893Nb6Pp8Ut64kupEtUVp3DbgzkD5iDzk555ovtA0bV7VoNV0mwvoXlEzx3NskitIBtDkMCC2OM9ccVo7R6D8qRVG3oPyoC5z2ueB/DXiCd5NR0Wwe7ki2C9+yxmePGApVypII7eldEx+U0wqPPXgfdPb3FOZRtPA/KgVtbjs01T1+tLtHoPypFA54HWgYufn/CmzH9xJ/un+VLtG/oOnpTZlHkScD7p7e1AEmaRT1+tG0eg/KkCjngdfSgAJ+ZaUng0hA3LwKUqMHgflQAA8Cmofnk/wB7+gpwUYHA/KmIo3ycD73p7CgB5PzCgng0hUbhwPypSoweB+VAAp+UfSgH5jSKo2jgdPSgKNx4H5UAOzSE8UbR6D8qCox0H5UACn5R9KQH5jQqjaOB09KABuPAoAVj0+tLmmso44HX0pdo9B+VADYj8h/3m/madn5j9KZEo2Hgfebt7mnbRuPA6elAAx6fWnZprAccDrS7R6D8qABT8tNJ/fr/ALrfzFKqjb0H5U0qPPXgfdPb3FAD2PymlzTWUbTwPypdo9B+VAADx+NGfn/CkCjHQdfSjaN/QdPSgBJj+4k/3T/Kud+HB/4tZ4U/7Atn/wCiEroZlHkScD7p7e1c98OAP+FWeFOB/wAgaz/9EJQBvsfmNFDgbjwKKAMTxdp+o31rpz6TDFcXFpfxXPlSy+UrBc5G7Bx19DUR1Txjg/8AFM6f/wCDc/8AxmujLDctKXGDQBzY1Txjgf8AFM6f/wCDc/8AxmmpqfjDdJjwzp/3uf8Aibn0H/TGumDjaKYjjfJ/vf0FAHOnVPGOR/xTOn/+Dc//ABmlOqeMcH/imdP/APBuf/jNdGXG4UpcYNAHNjVPGO0f8Uzp/T/oLn/4zSDVPGO4/wDFM6f/AODc/wDxmulVxtH0pA43GgDmpNT8YbRnwzp/3l/5i59R/wBMad/anjH/AKFnT/8Awbn/AOM10MrjYP8AeX+Yp5cYoA5sap4x2j/imdP6f9Bc/wDxmkGqeMdx/wCKZ0//AMG5/wDjNdKrjaPpSBhuNAHNnVPGPH/FM6f1/wCguf8A4zS/2p4x/wChZ0//AMG5/wDjNdGzjj60u8UAczHqfjDaceGdP+83/MXPqf8ApjS/2p4x3f8AIs6f0/6C5/8AjNdFE42H/eb+Zp28bvwoA5ttU8Y8f8Uzp/X/AKC5/wDjNL/anjH/AKFnT/8Awbn/AOM10bMOPrS7xQBzS6p4x2/8izp//g3P/wAZpDqfjDzl/wCKZ0/O0/8AMXPt/wBMa6VXG2mlx56/7p/mKAOdbVPGO0/8Uzp//g3P/wAZpf7U8Y/9Czp//g3P/wAZro2cbTS7xQBzQ1Txjz/xTOn9f+guf/jNH9qeMd3/ACLOn9P+guf/AIzXSKw5+tG8b/woA5qXU/GHkvnwzp+Np/5i5/8AjNO/tTxj/wBCzp//AINz/wDGa6GZx5En+6f5U/eKAOaGqeMef+KZ0/r/ANBc/wDxmg6p4x3D/imdP/8ABuf/AIzXSBxz9aCw3LQBzh1Txjg/8Uzp/wD4Nz/8ZoGqeMcD/imdP/8ABuf/AIzXSFxg0BxtFAHMpqfjDdJjwzp/3uf+JufQf9MaU6p4xyP+KZ0//wAG5/8AjNdEjjfJ/vf0FOLjcKAOcOqeMcH/AIpnT/8Awbn/AOM0DVPGO0f8Uzp/T/oLn/4zXSFxg0K42j6UAc0NU8Y7j/xTOn/+Dc//ABmkk1PxhtGfDOn/AHl/5i59R/0xrpQ43GmyuNg/3l/mKAOe/tTxj/0LOn/+Dc//ABmgap4x2j/imdP6f9Bc/wDxmukLjFCuNo+lAHNDVPGO4/8AFM6f/wCDc/8Axmg6p4x4/wCKZ0/r/wBBc/8AxmukDDcaGccfWgDnP7U8Y/8AQs6f/wCDc/8AxmsDwpaeM9BGs7vD9hL/AGhq1xfDOq7dgcj5f9Uc429ePpXoe8UyJxsP+838zQBzv9qeMd3/ACLOn9P+guf/AIzQ2qeMeP8AimdP6/8AQXP/AMZrpN43fhQzDj60Ac5/anjH/oWdP/8ABuf/AIzSLqnjHb/yLOn/APg3P/xmul3ikVxtoA5o6n4w85f+KZ0/O0/8xc+3/TGlbVPGO0/8Uzp//g3P/wAZroi489f90/zFOZxtNAHOf2p4x/6FnT//AAbn/wCM0g1Txjz/AMUzp/X/AKC5/wDjNdLvFIrDn60Ac3/anjHd/wAizp/T/oLn/wCM0kup+MPJfPhnT8bT/wAxc/8Axmul3jf+FNmceRJ/un+VAHPf2p4x/wChZ0//AMG5/wDjNINU8Y8/8Uzp/X/oLn/4zXS7xSBxz9aAObOqeMdw/wCKZ0//AMG5/wDjNKdU8Y4P/FM6f/4Nz/8AGa6MsNy0pcYNAHNjVPGOB/xTOn/+Dc//ABmmpqfjDdJjwzp/3uf+JufQf9Ma6YOMCmI43yf739BQBzp1Txjkf8Uzp/8A4Nz/APGaU6p4xwf+KZ0//wAG5/8AjNdGXG4UpcYNAHNjVPGO0f8AFM6f0/6C5/8AjNINU8Y7j/xTOn/+Dc//ABmulVxtH0pA43GgDnP7U8Y/9Czp/wD4Nz/8Zo/tTxj/ANCzp/8A4Nz/APGa6TeKC4xQBzY1TxjtH/FM6f0/6C5/+M0g1TxjuP8AxTOn/wDg3P8A8ZrpVcbR9KQMNxoA5s6p4x4/4pnT+v8A0Fz/APGaX+1PGP8A0LOn/wDg3P8A8Zro2ccfWl3igDmY9T8YbTjwzp/3m/5i59T/ANMad/anjHcf+KZ0/p/0Fz/8ZroYnGw/7zfzNP3jcfpQBzTap4x4/wCKZ0/r/wBBc/8Axml/tTxj/wBCzp//AINz/wDGa6NmHH1pd4oA5pdU8Y7f+RZ0/wD8G5/+M0h1Pxh5y/8AFM6fnaf+Yufb/pjXSq4200uPPX/dP8xQBzrap4x2n/imdP8A/Buf/jNL/anjH/oWdP8A/Buf/jNdGzjaaXeKAObGqeMcf8izp/X/AKC5/wDjNJ/anjHd/wAizp/T/oLn/wCM10ocY/Gk3jf+FAHNS6n4w8l8+GdPxtP/ADFz/wDGav8AhHSrnQ/BOh6TeMhuLDTre2l8s5XekaqcHuMitSZx5En+6f5U/eKAI2B3Hn9KKRmG40UAf//Z)*

*Рис.1.4. Диаграмма активностей, подключение к диагностическому сканеру* ![Изображение выглядит как текст, карта

Автоматически созданное описание](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RD8RXhpZgAATU0AKgAAAAgABAE7AAIAAAAYAAAISodpAAQAAAABAAAIYpydAAEAAAAaAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAANCo0LDQsdGD0YDQvtCyINCY0LvRjNGPAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM5OAAAkpIAAgAAAAM5OAAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMDowNToyMCAwMTo1NjoyMgAyMDIwOjA1OjIwIDAxOjU2OjIyAAAAKAQwBDEEQwRABD4EMgQgABgEOwRMBE8EAAD/4QsqaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLwA8P3hwYWNrZXQgYmVnaW49J++7vycgaWQ9J1c1TTBNcENlaGlIenJlU3pOVGN6a2M5ZCc/Pg0KPHg6eG1wbWV0YSB4bWxuczp4PSJhZG9iZTpuczptZXRhLyI+PHJkZjpSREYgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyIvPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0ZURhdGU+MjAyMC0wNS0yMFQwMTo1NjoyMi45ODA8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIj48ZGM6Y3JlYXRvcj48cmRmOlNlcSB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6bGk+0KjQsNCx0YPRgNC+0LIg0JjQu9GM0Y88L3JkZjpsaT48L3JkZjpTZXE+DQoJCQk8L2RjOmNyZWF0b3I+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICA8P3hwYWNrZXQgZW5kPSd3Jz8+/9sAQwAHBQUGBQQHBgUGCAcHCAoRCwoJCQoVDxAMERgVGhkYFRgXGx4nIRsdJR0XGCIuIiUoKSssKxogLzMvKjInKisq/9sAQwEHCAgKCQoUCwsUKhwYHCoqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioq/8AAEQgCvQNVAwEiAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A911vxG+j6jZ2NvpF9qt1erI8cVk0KlVj27iTLIg/jXoSaqP4m1llAHgTX+oP/Hxp/Y/9fVLqZB+JPh7H/Plffzgqtqvim00u8mXVvEMelqZmSFHjU7goGTyD6inYTdi1/wAJRrP/AEImv/8AgRp//wAlUg8UayB/yImv/wDgRp//AMlVd8O6p/acc7x3ovoBsMM4ULvVlzngVs0PQFqcz/wk+s7s/wDCCa/0/wCfjT//AJKoPijWSP8AkRNf/wDAjT//AJKrpqKQzmv+Eo1n/oRNf/8AAjT/AP5KpqeJtZVSD4E1/qT/AMfGn9z/ANfVdPRQBzP/AAlGs7s/8IJr/T/n40//AOSqD4n1kqR/wgmv/wDgRp//AMlV01FAHNf8JRrP/Qia/wD+BGn/APyVSDxPrIz/AMUJr/8A4Eaf/wDJVdNWX4k1+18LeG77W9QjmktrGIyyJAoLkD0BIGfqRSbsrsaV3Yzv+Eo1n/oRNf8A/AjT/wD5KpD4o1kjH/CCa/8A+BGn/wDyVUdn45E/iTTtFv8Aw9q2l3GpRSy2z3TWzI6xgFuYpnI4I6jvXVVViU0zmv8AhKNZ/wChE1//AMCNP/8AkqkHifWRn/ihNf6/8/Gn/wDyVXTUUhnMnxPrJI/4oTX/APwI0/8A+SqX/hKNZ/6ETX//AAI0/wD+Sq6WigDmI/E2spGqnwJr+QAP+PjT/wD5KpR4o1nn/ihNf/8AAjT/AP5KrpqKAOZPifWSQf8AhBNf4/6eNP8A/kqg+KNZI/5ETX//AAI0/wD+Sq6aigDmR4o1kD/kRNf/APAjT/8A5KpB4m1kSM3/AAgmv4IA/wCPjT/f/p6966eigDmT4o1k/wDMia/1/wCfjT//AJKpf+Eo1n/oRNf/APAjT/8A5KrpaKAOZHijWQB/xQmv/wDgRp//AMlUf8JPrO4n/hBNf/8AAjT/AP5KrpqKAOYfxNrLKAPAmv8AUH/j40/sf+vqnf8ACUaz/wBCJr//AIEaf/8AJVdLRQBzI8UayB/yImv/APgRp/8A8lUf8JPrO7P/AAgmv9P+fjT/AP5KrpqKAOZPifWT/wAyJr//AIEaf/8AJVL/AMJRrP8A0Imv/wDgRp//AMlV0tFAHHWXjm+uru9s7fwVr0k9jKI7lPNsR5bMokAybnB+V1PGevrVv/hKNZ3Z/wCEE1/p/wA/Gn//ACVVfQZDF4o8dSL95L2Bh9RZQ1WPi/TormOzu/FkcF8+wG38pNwZgCF+77inYVzRPifWSpH/AAgmv/8AgRp//wAlUv8AwlGs/wDQia//AOBGn/8AyVWxpFzJeaRb3Exy8iZYgYzzV2kM5keJ9ZGf+KE1/wD8CNP/APkqkPibWTIrf8IJr+ACP+PjT/b/AKevaunooA5k+KNZIx/wgmv/APgRp/8A8lUv/CUaz/0Imv8A/gRp/wD8lV0tFAHMjxPrIz/xQmv9f+fjT/8A5KoPifWSR/xQmv8A/gRp/wD8lV01FAHNf8JRrP8A0Imv/wDgRp//AMlU2PxNrKRqp8Ca/kAD/j40/wD+Sq6eigDmR4o1kZ/4oTX+v/Pxp/8A8lUHxPrJIP8Awgmv8f8ATxp//wAlV01FAHMnxRrJH/Iia/8A+BGn/wDyVQPFGsgf8iJr/wD4Eaf/APJVdNTZJEhieWZ1SNFLM7HAUDqSaG7asDmh4m1kSM3/AAgmv4IA/wCPjT/f/p696U+KNZP/ADImv9f+fjT/AP5KpNN8bx6rLZyW2g61/Zt82211P7MjQyAglXKq5lRDjhnRV5BJAIrp6LMDmT4o1nH/ACImv/8AgRp//wAlUDxRrIA/4oTX/wDwI0//AOSq6aigDmf+En1ncT/wgmv/APgRp/8A8lUj+JtZZQB4E1/qD/x8af2P/X1XT0UAc1/wlGs/9CJr/wD4Eaf/APJVIPFGsgf8iJr/AP4Eaf8A/JVdNRQBzP8Awk+s7s/8IJr/AE/5+NP/APkqg+J9ZP8AzImv/wDgRp//AMlV01FAHNf8JRrP/Qia/wD+BGn/APyVTU8TayqkHwJr/Un/AI+NP7n/AK+q6eigDmf+Eo1ndn/hBNf6f8/Gn/8AyVQfE+slSP8AhBNf/wDAjT//AJKrpqKAOa/4SjWf+hE1/wD8CNP/APkqkHifWRn/AIoTX/8AwI0//wCSq6aigDmD4m1kyK3/AAgmv4AI/wCPjT/b/p69qU+KNZIx/wAIJr//AIEaf/8AJVdNRQBzX/CUaz/0Imv/APgRp/8A8lUg8T6yM/8AFCa/1/5+NP8A/kqumooA5k+J9ZJH/FCa/wD+BGn/APyVS/8ACUaz/wBCJr//AIEaf/8AJVdLRQBxWheP7rXdEt9R0nwXr9xaTAiOXzbFd20lTw1yD1U9qvjxRrIz/wAUJr/X/n40/wD+Sq5/4Z3E1t8FtHa3fZI0zxhsA43XbLnB+tXB400+fzI9L8VRXt1GpYW6xJ82Ov8ADTSuJuxqHxPrJIP/AAgmv8f9PGn/APyVQfFGskf8iJr/AP4Eaf8A/JVdNRSGcyPFGsgf8iJr/wD4Eaf/APJVIPE2siRm/wCEE1/BAH/Hxp/v/wBPXvXT0UAcyfFGsn/mRNf6/wDPxp//AMlUHxRrOP8AkRNf/wDAjT//AJKrpq47WviPa6Nqms2a6Fq1+NEtkur+e1+zhIo3VmB/eTKzcK3AB6Um7DSb2LY8UayAP+KE1/8A8CNP/wDkqj/hJ9Z3E/8ACCa//wCBGn//ACVW9p97HqWmWt9ArLFdQpMgcYYBlBGcd+asVTTTsyU01dHMP4m1llAHgTX+oP8Ax8af2P8A19U7/hKNZ/6ETX//AAI0/wD+Sq6WikM5keKNZA/5ETX/APwI0/8A+SqP+En1ndn/AIQTX+n/AD8af/8AJVdNRQBzJ8T6yf8AmRNf/wDAjT//AJKpf+Eo1n/oRNf/APAjT/8A5KrpaKAOYTxNrKqQfAmv9Sf+PjT+5/6+qX/hKNZ3Z/4QTX+n/Pxp/wD8lV01FAHMnxPrJUj/AIQTX/8AwI0//wCSqX/hKNZ/6ETX/wDwI0//AOSq6WigDmR4o1kZ/wCKE1/r/wA/Gn//ACVSHxNrJkVv+EE1/ABH/Hxp/t/09e1ai62ja82kiw1ESqNxnNqwt9m0Hd5v3Dydu0Hdn+HHNadAHMnxRrJGP+EE1/8A8CNP/wDkql/4SjWf+hE1/wD8CNP/APkqulooA5keJ9ZGf+KE1/r/AM/Gn/8AyVQfE+skj/ihNf8A/AjT/wD5KrpqKAOa/wCEo1n/AKETX/8AwI0//wCSqP8AhKNZ/wChE1//AMCNP/8AkqulooA5keKNZGf+KE1/r/z8af8A/JVB8T6ySD/wgmv8f9PGn/8AyVXTUUAcyfFGskf8iJr/AP4Eaf8A/JVA8UayB/yImv8A/gRp/wD8lV01FAHMDxNrIkZv+EE1/BAH/Hxp/v8A9PXvVbU/Hd5o+nS6hqngzXra0gAaWYy2LBATjOFuST17A12Fcl8U/wDkl+t/9cV/9DWgDrPm9vzoo3r60UAc3qn/ACUnw9/15X384KlutAv5LueSz1NYI5pDIUaEsQTjvuHpWX4p1WHRvH3h24mtr24VrS9XbZ2slw/WD+FATj3q4fHtgOuk+Ih/3Arr/wCN007Ctc1NE0mXS1nNxci4kmYMzBNoGBjpk1qVzH/Ce2H/AECPEX/giuv/AI3R/wAJ7Yf9AjxF/wCCK6/+N0tx7HT0VzH/AAnth/0CPEX/AIIrr/43R/wnth/0CPEX/giuv/jdAHT0VzH/AAnth/0CPEX/AIIrr/43SDx7YHppPiI/9wK6/wDjdAHUUVzH/Ce2H/QI8Rf+CK6/+N0f8J7YD/mEeIv/AARXX/xugDp65L4qWV1qPwr8QWmn2011czWhWOGCMu7nI4Cjkmpv+E9sP+gR4i/8EV1/8bo/4T2w/wCgR4i/8EV1/wDG6TV1YcXZ3MfxBpupz/ELwjcWNtNi306/R7jyiY4JGiQJvPQZI4B64rkdD02bTY/Ds1noOqWOr2MM/wDwk93/AGdNuu8xsGDOF/0pmmKspTzMAE8CvRv+E9sP+gR4i/8ABFdf/G6P+E9sP+gR4i/8EV1/8bpvVNf11/z17ijp/Xp/lp2PMvC/gebRR4Dng8OG0u/7DvRqU0NlsfzGiXYszBc7+SAG5zkVofD3WPFOn+HtA0G50i8vLOPTHjvIE0W60+ez2R/KouJnEcrlvlG3byd2QBXe/wDCe2H/AECPEX/giuv/AI3R/wAJ7Yf9AjxF/wCCK6/+N05at+f/AAf8xRVkv67f5Hl66JK7al/wj/hrU7Xw20+nSXdmNOltfPt0LedEYHG+aXBBdwWEigLgkfM/xJoF3c+FtfXQdDuoPD02q6dJYac+lSkKEdftEgs8BxGTyV2ruwx/iyfTf+E9sP8AoEeIv/BFdf8Axuj/AIT2w/6BHiL/AMEV1/8AG6X9fl/l/TD+vz/HX+keUrpF5BpGtWtp4bmfSb7WLNp5INDuLe3SPy8PJFprfOxRlTO7zEYkEqdpWkXwQ918JLi2ufDdxc3Vt4jH2FLvTFE8do91GzbUVAEQqWLBAF+9kDBFerDx7YEAjSfERB/6gV1/8bpf+E9sP+gR4i/8EV1/8bpp2d/T8Lf5fiEldW/rr/n+B5x488I3q+K7qCz04w6YdOhh0Q2OhPeGymDkuYDHJGlrJuKNvfAIA5+Uim+LvCb+Ip/iBqE/h+XUbmPR7e1sJ7jTG8x7lFk3mAMuTzt+ZMg8YJr0n/hPbD/oEeIv/BFdf/G6P+E9sP8AoEeIv/BFdf8Axuocbxt6/jf/ADKTs7+n4W/y/M4DUbvxL4a8c67qOkWlwGl0azWBH8P3d8l1LGkn7oPCyiM5IBLZ+97GvXtPmuLjTLWa9t/stzJCjzQbt3lOQCVz3weM1gf8J7Yf9AjxF/4Irr/43Sf8J7YZx/ZPiLP/AGArr/43V33/AK7k22/rol+h1FFcx/wnth/0CPEX/giuv/jdH/Ce2H/QI8Rf+CK6/wDjdIZ09Fcx/wAJ7Yf9AjxF/wCCK6/+N0f8J7Yf9AjxF/4Irr/43QB09FcufHtgOuk+Ih/3Arr/AON0v/Ce2H/QI8Rf+CK6/wDjdAHT0VzH/Ce2H/QI8Rf+CK6/+N0f8J7Yf9AjxF/4Irr/AON0AdPRXMf8J7Yf9AjxF/4Irr/43R/wnth/0CPEX/giuv8A43QBD4fj87xZ44izjffQLn0zZQVN/wAI1qojWNdXjEaqFANueg/4FXM+HPG9hH4v8XP/AGbrj+bfQOFj0e5ZkAtYl+YBMqcqeDjjB6Gum/4T2w/6BHiL/wAEV1/8bp3sJq5u6bZ/2fpsFpv3+Uu3djGatVzH/Ce2A/5hHiL/AMEV1/8AG6P+E9sP+gR4i/8ABFdf/G6Qzp6K5j/hPbD/AKBHiL/wRXX/AMbpP+E9sM4/snxFn/sBXX/xugDqKK5j/hPbD/oEeIv/AARXX/xuj/hPbD/oEeIv/BFdf/G6AOnormP+E9sP+gR4i/8ABFdf/G6P+E9sP+gR4i/8EV1/8boA6eiuY/4T2w/6BHiL/wAEV1/8bpB49sCARpPiIg/9QK6/+N0AdRRXMf8ACe2H/QI8Rf8Agiuv/jdH/Ce2H/QI8Rf+CK6/+N0AdPWZ4l0p9d8KarpMUohkvrOW3WQ9FLoVBPtzWX/wnth/0CPEX/giuv8A43R/wnth/wBAjxF/4Irr/wCN0pLmTTHGTi00UvCviOS20fRdCudA1mPUoYY7W6QWDrBblEwz+e2ImT5eNjMxyMDOQPL/AA/4Z8VyeKtCvb/T76307TfFN2sFv9nYbkkM0jXL8cLzGik8defmr1z/AIT2wzj+yfEWf+wFdf8Axul/4T2w/wCgR4i/8EV1/wDG6pu8+d7/APBT/QjltHkW3/Aa/U4/wZoGni6itfFPhe+uvE7XF2NQ1J7NxDNE7NjzJzhJomQoqx5fbwNo2kjCPgS5s/A3i86F4dSxvpNflVfKsNkk2nCZGaNANrPEUB+RWAYDA616b/wnth/0CPEX/giuv/jdH/Ce2H/QI8Rf+CK6/wDjdJafd/l/kW3f77/n/n+CPLL/AME6lrPhUafp8V3DbXHiFJrVIdFk06GzK20n72OF5HdI/M2k7gg3Z4w2TVjs/F93e+I/Ft54b1GS+1jQjH/Z0kcqeWqTJH5Y2FG3FFeTYGDNnA6167/wnth/0CPEX/giuv8A43SHx7YDrpPiIf8AcCuv/jdH9fhYG728v87nLfCLSptI1zxTHFaX9vpkz2stobnTPsCSHyysjJCEQL8y4xjdgKWJyCfUa5j/AIT2w/6BHiL/AMEV1/8AG6P+E9sP+gR4i/8ABFdf/G6bdyUrHT0VzH/Ce2H/AECPEX/giuv/AI3R/wAJ7Yf9AjxF/wCCK6/+N0hnT0VzH/Ce2H/QI8Rf+CK6/wDjdIPHtgemk+Ij/wBwK6/+N0AdRRXMf8J7Yf8AQI8Rf+CK6/8AjdH/AAntgP8AmEeIv/BFdf8AxugDp6K5j/hPbD/oEeIv/BFdf/G6P+E9sP8AoEeIv/BFdf8AxugDp6K5f/hPbDOP7J8RZ/7AV1/8bpf+E9sP+gR4i/8ABFdf/G6AOnormP8AhPbD/oEeIv8AwRXX/wAbo/4T2w/6BHiL/wAEV1/8boA6eiuY/wCE9sP+gR4i/wDBFdf/ABuj/hPbD/oEeIv/AARXX/xugDD+GFi2ofBfSbeOXyn3yur4zgrcuw4+orbl8L6lcqUutWR42+8BAQT/AOPVx/wn8Z2Vl8MdKt207W5ihny9vpFxKh/fyHhlQg+nsciux/4T2w/6BHiL/wAEV1/8bpptCaudPRXMf8J7Yf8AQI8Rf+CK6/8AjdH/AAnth/0CPEX/AIIrr/43SGdPRXMf8J7Yf9AjxF/4Irr/AON0n/Ce2Gcf2T4iz/2Arr/43QB1FeJX+sw6knxMubWx1a5OrQmwsGt9GupUm8mBoziRYiuPNLryeMHtXo3/AAnth/0CPEX/AIIrr/43UFt4w0aytzBZ+H9dt4dzMY4vD1yq5YlmOBHjJJJPqSamSumu6sVGXK0/M8i1zTdf8UpCfDFtdnS77wTHHcX0du/z+Vvb7OmV5d32rjrtLcGm+KNF1q7sYY38PapHf6fpmmf2bNbaZJO8hQK0uZSGFuU2v8ieW7HbktwK9gtPGOj2FnHa2Gga7bW0S7Y4YfD9yiIPQKI8AVN/wnth/wBAjxF/4Irr/wCN1rze9fzv+Lf6/wBMzUUkl5W/BL9Dl7bwrHc+MviBqt9oKy3TJENNvJrPLn/RNreU5GevB2nrxXJ6T4a8cJZ6UkKPHeL4IntbN4rKS1a0mPl7YpJGcjzeOD8mMZxxXqZ8e2A66T4iH/cCuv8A43S/8J7Yf9AjxF/4Irr/AON1ly/lb8Gv1LTt/Xmn+h522hahNbTD4Z6NfaB/xTs8F4JLR7Dzrs7PKHz7d8oxJ+9GQN33ua1rXwz4V1Pwjq9tpXgi6t3GlqWS80t4Y5LhY3C7YpAN8yknMqoc7gN56V13/Ce2H/QI8Rf+CK6/+N0f8J7Yf9AjxF/4Irr/AON05+8mu/8Awf8AP8hR91p9v+B/l+Z5ne+FtZ0zwj8NovCGg/YdU4+2SR2ez7LLJaeW88wA+8pOTu5JXFavgT4f6rb+E9GeC7k03VNC1PUPJfU7FpvPikd1yy7o2+YbWDBgD75rt/8AhPbD/oEeIv8AwRXX/wAbo/4T2w/6BHiL/wAEV1/8bqpe9KUu/wDwP8vxEtku3/B/zPH4PDOuJ4P8Ix6zpUr6bb2F5HPaXOhz6h5dy0pKMbZGV1YpuCyHhcnpuBroDoDQXtuPiDo+seJbQaBbwWDCxeaaO4UnzQfLZxBM37v94XA+X7/Brvx49sD00nxEf+4Fdf8Axul/4T2w/wCgR4i/8EV1/wDG6Ov9ef8An+Q3r/Xp/kcDJo2pJ8XtQv77RL270GTUNPzE1u8h8wWpVJi3zCRI3PzYzhirbvlwcHw/4a8Vv4r0K9v9PvrfTtN8U3awW/2dhuSQzSPcvxwvMaKTx15+avXP+E9sB/zCPEX/AIIrr/43R/wnth/0CPEX/giuv/jdJaNPt/wP8v6sgl7yt/WzX6/1dnkfh/w14rfxXoV7f6ffW+nab4pu1gt/s7Dckhmke5fjheY0Unjrz81eieP9OW68WeH7jXdLn1fwzDHcrdWsVm92q3DKvlSPCisWGBIA207Se2a2P+E9sP8AoEeIv/BFdf8Axuk/4T2wzj+yfEWf+wFdf/G6SSUVFdP8rB9py7/5t/qeceKtEv5NS0W40Xw7qw0a38PyLcafPG8k0kAuImNtuy+HZAfkJYlQVwM5Wp4i0nULvx8L200DUbWez1qwFm1ppMjA2QEYZ2uGDbFAJXyYjGF+YsrfMR6n/wAJ7Yf9AjxF/wCCK6/+N0f8J7Yf9AjxF/4Irr/43Tjo0+zv+N/+B9/UHZpr+trHmi+HvE41ZJDayf2d/wAJ+139n/s6XzhHlv3/AJu/HlY77Mf7XapvCfh7XIPH9vPqcdxDqkWpXkt5dx6LJm4t23bFlvmlEckZUx7UVSVKqNo2k16L/wAJ7Yf9AjxF/wCCK6/+N0h8e2HQ6R4i/wDBFdf/ABultGy/rRL9By95t9/85P8A9uPLPhjp3n2vgS50LSbq3v4Jbp9U1H7Myxy2h80BGmxtky+zam4ldudoxXvdcToviLQfDujwaXo+geIreytwRFF/Yt4+3JJPLISeSe9X/wDhPbD/AKBHiL/wRXX/AMbqm7iesrnT0VzH/Ce2H/QI8Rf+CK6/+N0f8J7Yf9AjxF/4Irr/AON0gOnormP+E9sP+gR4i/8ABFdf/G6P+E9sP+gR4i/8EV1/8boA6euS+Kf/ACS/W/8Ariv/AKGtS/8ACe2Gcf2T4iz/ANgK6/8Ajdcz8R/GVnffDzVraPTNciaWJVDz6PcRoPnXqzIAPxoA9OopNoooA5jVDJ/wsjw98q5+xX38XvB7V0Upk2D5E+8v8R9R7Vz+qMP+Fk+Huf8Alyvv5wV0UrDYOf4l/mKAFzL/AHE/77P+FIpl2/cT/vs/4U/cPWkVht60ANzLv+4nT++f8KGMu37if99n/Cnbhv69qGYbTzQAmZf7if8AfZ/wpkRk2H5E+838R9T7VLuHrTImGw8/xN/M0AGZd33E6f3z/hQxl2n5E/77P+FO3Df17UMw2nmgBMy/3E/77P8AhSKZefkTr/fP+FP3D1pFYc896AEzL/cT/vs/4UjGXafkT/vs/wCFP3D1pGYbTzQAmZf7if8AfZ/wpFMvPyJ1/vn/AAp+4etIrDnnvQA0mXcPkT/vs/4UuZf7if8AfZ/wqO6u7ezt3uLqZIYYlLPI7YVQOpJrhYvjl4Am1caemuLvLbRIY22E5xjPX9KlyjHdm1OhVqq8ItndwmTyE+RPuj+I+n0pwMuT8idf75/wptrNHLZwyRSK6PGrKynIYEcEGpAwyee9UY7DSZdy/In/AH2f8KCZcH5E/wC+z/hTiw3LzQWGDzQA0GXA+RP++z/hTQZPPb5E+6P4j6n2qQMNo5poYee3P8I/maABjLx8idf75/wpcy/3E/77P+FKzDjnvS7h60AMUy7R8idP75/woBl3H5E/77P+FOVhtHPagMNx5oAjlMmwfIn3l/iPqPan5l/uJ/32f8KSVhsHP8S/zFP3D1oAYpl2/cT/AL7P+FGZd/3E6f3z/hTlYbetG4b+vagBrGXj5E6/3z/hS5l/uJ/32f8AClZhxz3pdw9aAOI8HmT/AIWD48wq/wDH/a5+b/p0j9q7TMu77idP75/wrjfBzD/hYXj3n/l/tf8A0kjrtNw39e1ADWMu0/In/fZ/wpcy/wBxP++z/hSsw2nml3D1oAYpl5+ROv8AfP8AhTSZPPX5E+6f4j6j2qRWHPPemlh568/wn+YoAGMu0/In/fZ/wpcy/wBxP++z/hSsw2nml3D1oAYpl5+ROv8AfP8AhQTLuHyJ/wB9n/CnKw5570FhuHNACZl/uJ/32f8ACmQmTyE+RPuj+I+n0qXcPWmQsPIj5/hH8qAAGXn5E6/3z/hQTLuX5E/77P8AhTlYc896Cw3LzQA0mXB+RP8Avs/4UAy4HyJ/32f8KcWGDzQGG0c0ARgyee3yJ90fxH1PtTmMvHyJ1/vn/CgMPPbn+EfzNOZhxz3oAaTLg/In/fZ/woUy7R8idP75/wAKcWGDzQrDaOe1ADQZdx+RP++z/hTZTJsHyJ95f4j6j2qQMNx5psrDYOf4l/mKAFzL/cT/AL7P+FIpl2/cT/vs/wCFP3D1pFYbetADcy7/ALidP75/woYy8fInX++f8KduG/r2oZhxz3oATMv9xP8Avs/4UyIybD8ifeb+I+p9ql3D1pkTDYef4m/maADMu77idP75/wAKGMu0/In/AH2f8KduG/r2oZhtPNACZl/uJ/32f8KRTLz8idf75/wp+4etIrDnnvQBGTJ56/In3T/EfUe1OYy7T8if99n/AAoLDz15/hP8xTmYbTzQAmZf7if99n/CkUy8/InX++f8KfuHrSKw5570ANJl3D5E/wC+z/hS5l/uJ/32f8KUsNw5pdw9aAOA+CRk/wCFQaRtVSPMuurY/wCXqX2rvAZefkTr/fP+FcJ8EWH/AAp/SOf+Wl1/6VS13qsOee9ADSZdy/In/fZ/woJlwfkT/vs/4U4sNy80Fhg80ANBlwPkT/vs/wCFNBk89vkT7o/iPqfapAw2jmmhh57c/wAI/maABjLx8idf75/woJlwfkT/AL7P+FOZhxz3oLDB5oAapl2j5E6f3z/hQDLuPyJ/32f8KcrDaOe1AYbjzQBHKZNg+RPvL/EfUe1PzL/cT/vs/wCFJKw2Dn+Jf5in7h60AMUy7fuJ/wB9n/CjMu/7idP75/wpysNvWjcN/XtQA1jLx8idf75/wpcy/wBxP++z/hSsw4570u4etAEURk2H5E+838R9T7U7Mu77idP75/woiYbDz/E38zTtw39e1ADWMu0/In/fZ/wpcy/3E/77P+FKzDaeaXcPWgBgMvPyJ1/vn/CmkyeevyJ90/xH1HtUisOee9NLDz15/hP8xQAMZdp+RP8Avs/4UuZf7if99n/ClZhtPNLuHrQAxTLz8idf75/woJl3D5E/77P+FOVhzz3oLDcOaAEzL/cT/vs/4UZl/uJ/32f8KduHrRuHrQAwGXn5E6/3z/hQTLuX5E/77P8AhTlYc896Cw3LzQA0mXB+RP8Avs/4UAy4HyJ/32f8KcWGDzQGG0c0ARgyee3yJ90fxH1PtXKfFMyf8Kx1rKqB5I6N/tr7V1oYee3P8I/ma5T4psP+FY61z/yxH/oa0AdZmX+4n/fZ/wAKKduHrRQBzeqf8lJ8Pf8AXlffzgropfuD/eX+Yrm9UX/i5Hh7k/8AHlffzgro5V+Qcn7y/wAxQBJSL92jb7mkVfl6mgBf4/wob7ppu35+p6UrL8p5NADqZF9w/wC838zTtv8AtGmRL8h5P3m/maAH/wAX4UP900m35up6UjL8p5NAGX4q1C50vw1c3lirvPEY9iRhSz5kUFRuwuSCRyQOeo61z1z401O0vryS50K8sI4LISR2uoT2yiaRpVQEPE8hA+bGOWOcKrNgHsLyxgv7Vre7UyRMVJXcRkghh09wKqajoGn6v5hvopGZkEe+OZ42UBg42spBUhgCGGCMdamz5r/1s/8AgD0t/XdHHL8XLO10i8uddtYdKuLeCZoobq4eEXUsYB8pPOijfcQ6dUB+bgEcnRXx5M3ix9JfSgLVjLHFdJLI+XRC5DEReUv3W+USlxxlBzjcg8L6Vb6NeaWkMrWl8GFystxJI0u5AjFnZixJUDJznv15qpN4G0KW4luGivFeRnkAj1C4RY2dWV2RQ4EZYO2SoBJOevNU9tN/1/4AK1te/wCBl2PjfWJ7VTeaDZxXN1b201lFBqTSLJ57MFEjGFdmNuSQH46Ang9FoGqzapa3H221W0vLW4a3uIY5fNRXAByr4UspVlOSoPPIFMn8LaRcWvkSWzBPIjt12SujIkZJj2spBUqTkMCGB71Z0nSLTRrH7Jp6OkQdnJklaR3YnJZnclmYnuSTT0uyPe0/rpr+J5l+0lc39v8ACeQWBdUkukWcp/cwTg+2Rn8BXxvX6K6tpNlrWmzadqkK3NpcKUkifow/z3ryWH9m7wEniE5u7qQoBMbEzLkKSQCRjO0kEdOxrLWLbSvc7k6dWnGMpcvLfvrre6t16a22WpvfAG61C6+EOnNqhZirusLOcloweP13V6SOp+tVdNsrew0y2tbKMQwQxqscacBRirIXk8nrVRXLFIxxFRVasprr/Wvn3FP3lpT0NMK/MOTSleDyaoxFH3RTR/r2/wB1f5mlC8Dk00L+/bk/dH8zQA9u31paay9OT1pdv+0aABfuj6UD7xpFX5RyelAX5jyaAEl+4P8AeX+Yp9Ryr8g5P3l/mKft9zQAL92j+P8ACkVfl6mk2/P1PSgBzdvrS01l6cnrS7f9o0AcX4O/5KF49/6/7X/0kjrtP4vwrivBw/4uF485P/H/AGv/AKSR12m35up6UAK/3TS0xl+U8mnbf9o0AC9/rTT/AK9f91v5ilVevJ600r+/Xk/dP8xQA9vumlprL8p5NLt/2jQAL3+tB+8Kaq9eT1pSvzDk0AOpkP8AqI/90fyp23/aNMhX9xHyfuj+VADx3+tB+8tIF68nrSFfmHJoAeehpB90UhXg8mgLwOTQAg/17f7q/wAzTm7fWmBf37cn7o/macy9OT1oAcehpF+6PpSFeDyaFX5RyelACj7xpsv3B/vL/MUoX5jyabKvyDk/eX+YoAkpF+7Rt9zSKvy9TQAv8f4UN2+tN2/P1PSlZenJ60AOpkX3D/vN/M07b/tGmRL8h5P3m/maAH/xfhQ/3TSbfm6npSMvynk0APpF7/Wjb/tGkVevJ60AIf8AXr/ut/MU5vummFf368n7p/mKcy/KeTQA6kXv9aNv+0aaq9eT1oAcfvClppX5hyaXb/tGgDgvgh/yR/R/+ul1/wClUtd6O/1rgfgiv/Fn9I5P+suv/SqWu9C9eT1oAU/eWlPQ0wr8w5NKV4PJoAUfdFNH+vb/AHV/maULwOTTQv79uT90fzNAD27fWlPQ01l6cnrQV4PJoAVfuj6UD7xpFX5RyelAX5jyaAEl+4P95f5in1HKvyDk/eX+Yp+33NAAv3aP4/wpFX5eppNvz9T0oAc3b60tNZenJ60u3/aNADYvuH/eb+Zp38X4UyJfkPJ+838zTtvzdT0oAV/umlpjL8p5NO2/7RoAF7/Wmn/Xr/ut/MUoXryetNK/v15P3T/MUAPb7ppaay/KeTS7f9o0AC9/rQfvCmqvXk9aUr8w5NADqKTb/tGjb/tGgAHf60H7y0gXryetIV+YcmgB56GkH3RSFeDyaAvA5NACD/Xt/ur/ADNcp8VP+SYa1/1xH/oa11QX9+3J+6P5muU+KY/4tjrXJ/1I/wDQ1oA6+ik2/wC0aKAOa1TP/CyfD3H/AC5X384K6KXOwcfxL39xXN6pLH/wsjw8fMXH2K+/i94K6KWaPYP3ifeX+IeooAl59P1pFzt6frSedF/z0T/voUizRbf9Yn/fQoAdzv6dvWhs7Tx+tN86Lf8A6xOn94UNNFt/1if99CgB/Pp+tMizsPH8Td/c0vnRf89E/wC+hTIpo9h/eJ95v4h6mgCTnd07etDZ2nj9ab50W7/WJ0/vChpotp/eJ/30KAH8+n60i5547+tJ50X/AD0T/voUizRc/vE6/wB4UAP59P1pGztPH60nnRf89E/76FI00W0/vE/76FAD+fT9aRc88d/Wk86L/non/fQpFmi5/eJ1/vCgAlkWJDJKyoiAszM2AoHUk1zUThfitfOxUKNCtyWJ4A8+bmuimNvPG0UxjkjkUq6MQQwIwQRXzDpvw21hvjtJ4Pu9RvJPC9oq3ZSS4YxyWSsWjh5PI3koR67yBQB9QW7B7WJkIZWQEEHgjFSDOTx39aihliFvGPMQYUcbh6U4TRZP7xOv94UAOOdy8frSnODx+tMM0W5f3if99CgzRYP7xP8AvoUAPGdo4/WmDPntx/Cvf3NAmiwP3if99CmiaPz2/eJ90fxD1NAEjZ447+tLz6frTGmi4/eJ1/vCl86L/non/fQoAcudo47etIM7jx+tNWaLaP3idP7woE0W4/vE/wC+hQAS52Dj+Je/uKfz6frUUs0ewfvE+8v8Q9RT/Oi/56J/30KAFXO3p+tHO/p29aas0W3/AFif99Cjzot/+sTp/eFADmzxx39aXn0/WmNNFx+8Tr/eFL50X/PRP++hQBxng7P/AAsLx7/1/wBr/wCkkddpzu6dvWuJ8Hyxj4g+PMuozf2uOev+iR12nnRbv9YnT+8KAHNnaeP1pefT9aY00W0/vE/76FL50X/PRP8AvoUAKueeO/rTTnz14/hbv7ihZouf3idf7wppmj89f3ifdP8AEPUUASNnaeP1pefT9aY00W0/vE/76FL50X/PRP8AvoUAKueeO/rQc7hx+tNWaLn94nX+8KDNFuH7xP8AvoUAP59P1pkOfIj4/hHf2pfOi/56J/30KZDNH5CfvE+6P4h6UASDPPHf1oOdy8frTRNFz+8Tr/eFBmi3L+8T/voUAPOcHj9aBnaOP1phmiwf3if99CgTRYH7xP8AvoUAAz57cfwr39zTmzxx39ajE0fnt+8T7o/iHqac00XH7xOv94UAPOcHj9aFztHHb1phmiwf3if99ChZoto/eJ0/vCgBwzuPH602XOwcfxL39xQJotx/eJ/30KbLNHsH7xPvL/EPUUAS8+n60i529P1pPOi/56J/30KRZotv+sT/AL6FADud/Tt60Nnjjv603zot/wDrE6f3hQ00XH7xOv8AeFAD+fT9aZFnYeP4m7+5pfOi/wCeif8AfQpkU0ew/vE+838Q9TQBJzu6dvWhs7Tx+tN86Ld/rE6f3hQ00W0/vE/76FAD+fT9aRc88d/Wk86L/non/fQpFmi5/eJ1/vCgAOfPXj+Fu/uKc2dp4/WozNH56/vE+6f4h6inNNFtP7xP++hQA/n0/WkXPPHf1pPOi/56J/30KRZouf3idf7woAcc7hx+tLz6frTDNFuH7xP++hS+dF/z0T/voUAcH8Ec/wDCn9I4/wCWl1/6VS13ozzx39a4H4JSxr8INIDOoPmXXBP/AE9S13gmi5/eJ1/vCgBxzuXj9aU5weP1phmi3L+8T/voUGaLB/eJ/wB9CgB4ztHH60wZ89uP4V7+5oE0WB+8T/voU0TR+e37xPuj+IepoAkbPHHf1pTnB4/WmNNFx+8Tr/eFBmiwf3if99CgB652jjt60gzuPH601Zoto/eJ0/vCgTRbj+8T/voUAEudg4/iXv7in8+n61FLNHsH7xPvL/EPUU/zov8Anon/AH0KAFXO3p+tHO/p29aas0W3/WJ/30KPOi3/AOsTp/eFADmzxx39aXn0/WmNNFx+8Tr/AHhS+dF/z0T/AL6FACRZ2Hj+Ju/uadzu6dvWo4po9h/eJ95v4h6mnedFu/1idP7woAc2dp4/Wl59P1pjTRbT+8T/AL6FL50X/PRP++hQAq5547+tNOfPXj+Fu/uKBNFz+8Tr/eFNM0fnr+8T7p/iHqKAJGztPH60vPp+tMaaLaf3if8AfQpfOi/56J/30KAFXPPHf1oOdw4/WmrNFz+8Tr/eFBmi3D94n/fQoAfz6frRz6frTfOi/wCeif8AfQo86L/non/fQoAUZ547+tBzuXj9aaJouf3idf7woM0W5f3if99CgB5zg8frQM7Rx+tMM0WD+8T/AL6FAmiwP3if99CgAGfPbj+Fe/ua5T4qZ/4VjrXH/LEf+hrXUiaPz2/eJ90fxD1Ncp8U5Yz8MdaAdSfJHQ/7a0Adhz6frRTfOi/56J/30KKAOd1T/kpPh7/ryvv5wV0Uv3B/vL/MVzmqD/i5Ph7k/wDHlffzgropR8g5P3l/mKAJKx9Y1a4tZILDSokn1G6yUEh+SFAfmkfHOBkAAcknHHJGvj3Nc9pA8/xFr11Jy8dxHaIT2jWJHx/31K5rmxNR06d1uzqw0YtynJX5Ve3fVL9b/Kwg8MQ3Hz6xfXuozHqXuHjQf7saEKB+BPuaX/hEdF/59ZP/AAJl/wDiq2qbJIkUbSSuqIgLMzHAUDqSa8Vyb1bNfreI6Ta9HZfctDH/AOER0X/n1k/8CZf/AIqj/hEdF/59ZP8AwJl/+KrRfUbKMAveW6hoTOCZVGYhjL9fujIyenIqnZeKfD+owpNp+u6bdxSTi3R4LyN1aUjIjBB5Yjnb1p2YfXMR/wA/H97Iv+ER0X/n1k/8CZf/AIqj/hEdF/59ZP8AwJl/+Kq4+t6VHs36nZrv37M3CjdsYK+OedrEA+hODTrjWNMs2lW71G0gMJjWUSzqvlmQ4QHJ43HgZ69qNQ+uYj/n4/vZR/4RHRf+fWT/AMCZf/iqP+ER0X/n1k/8CZf/AIqtCXU7CC6e2nvraO4jgNw8TyqHWIHBkIJyFyCN3Sqtp4m0HUNNuNRsNb066sbXPn3MN3G8UOBk7mBwuBzz2o1D63if+fkvvZD/AMIjov8Az6yf+BMv/wAVR/wiOi/8+sn/AIEy/wDxVNm8beFLezt7ufxNo8VtdbvIme/iCS7ThtrFsNg8HHStJNUsJbCG+jvrZ7S4KCG4WZTHJvICbWzg5JAGOpIotIPrmI/5+P72Z/8AwiOi/wDPrJ/4Ey//ABVH/CI6L/z6yf8AgTL/APFVoW+q6fdzGG0vraeVS4KRTKzAoQrjAP8ACSAfQkA1WuPEuhWi2TXWtafCL/H2MyXSL9pzjHl5Pz9R0z1FFmH1vE/8/JfeyD/hEdF/59ZP/AmX/wCKpP8AhD9D3lvsj7iME/aJckf99e9S3vivw7pupDTtR17S7S+YqBaz3kaSnd935Cc89vWrMutaXA6JNqVnG0kjRIrzqCzr95RzyR3HaizD65iP+fkvvZS/4RHRR0tZP/AmX/4qj/hEdF/59ZP/AAJl/wDiq11niad4FlQyooZ4ww3KDnBI7A4P5GsKDxQ1ut1P4ltItCsrdFb7Xd3SrGxaWRAu5gADhEbr/wAtAPciTYfW8T/z8l97Jv8AhEdF/wCfWT/wJl/+Ko/4RHRf+fWT/wACZf8A4qnx+LfDkukS6rFr+lvp0LiOW8W9jMKOcfKXztB+YcE9x60+88TaDp+m2+oX+t6da2V1jyLma7jSObIyNrE4bjnijlkH1zEf8/JfeyH/AIRHRf8An1k/8CZf/iqP+ER0X/n1k/8AAmX/AOKq7JrWlxW32iXUrNIfKWfzWnUL5bHCvnONpPAPQ1WbxX4eTWBpD69pi6kXCCyN5GJtxGQuzO7PtiizYvrmItf2j+9kf/CI6L/z6yf+BMv/AMVR/wAIjov/AD6yf+BMv/xVWbrxFotjHbSXusWFul2/l27S3SIJmzjahJ+Y57CrJ1CyUMWu4AEmEDEyj5ZDgBDz947hx15HrRqP65iF/wAvH97M3/hEdF/59ZP/AAJl/wDiqP8AhEdF/wCfWT/wJl/+Kq7JrOmQwxyzajaRxyO8aO06gMyBi6g55KhGyO2056GqVj4y8ManIyab4j0m8dSoK299FIRuYKvAbuzAD1JA70JSewfXMR/z8f3sP+ER0X/n1k/8CZf/AIqj/hEdF/59ZP8AwJl/+KqXXdUv9LhV9O0l9SPlyuypJtIKrlV+6cljx7e/StWlra4vrmI/5+S+9mIfDYtB5mh395p8w6AzvNC3+9G5Ix9MH3q9o2rPfyT2t7EsGoWmFuIlOVIP3XQ91bBx3BBB5FXaxrweR4y0iePhriKe2kx/EoUSL+RU/wDfRrqw1aUJqPRlqbxCcamrs2n10V9X1Vl8nt1v0DdvrS01h05PWlx7mvZPOOL8Hf8AJQvHv/X/AGv/AKSR12n8X4VxXg4f8XC8e8n/AI/7X/0kjrtNvz9T0oAV/umlprD5TyaXHuaABe/1pp/16/7rfzFKo68nrTSP368n7p/mKAHt900tNZflPJpce5oAF7/Wg/eFIo68nrQR8w5NADqZD/qI/wDdH8qdj3NMhH7iPk/dH8qAHjv9aD95aRV68nrQR8y8mgBx6GkH3RSEcHk0AfKOTQAg/wBe3+6v8zTm7fWmAfv25P3R/M05l6cnrQA49DSL90fSkI4PJoUfKOT0oAUfeNNl+4P95f5ilA+Y8mmyj5ByfvL/ADFAElIv3aMe5pFHy9TQAv8AH+FDdvrSY+fqelDDpyetADqZF9w/7zfzNOx7mmRD5DyfvN/M0AP/AIvwof7ppNvz9T0oYfKeTQA6kXv9aMe5pFHXk9aAEP8Ar1/3W/mKc33TTCP368n7p/mKcy/KeTQA6kXv9aMe5pFHXk9aAFP3hS00j5hyaXHuaAOC+CH/ACR/R/8Arpdf+lUtd6O/1rgfgiP+LP6Ryf8AWXX/AKVS13qr15PWgBT95aU9DTSPmXk0EcHk0AKPuimj/Xt/ur/M0oHyjk00D9+3J+6P5mgB7dvrSnoaay9OT1oI4PJoAVfuj6UD7xpFHyjk9KAPmPJoASX7g/3l/mKfUco+Qcn7y/zFPx7mgAX7tH8f4Uij5epox8/U9KAFbt9aWmsOnJ60uPc0ANi+4f8Aeb+Zp38X4UyIfIeT95v5mnbfn6npQAr/AHTS01h8p5NLj3NAAvf600/69f8Adb+YpVHXk9aaR+/Xk/dP8xQA9vumlprL8p5NLj3NAAvf60H7wpFHXk9aCPmHJoAdRSY9zRj3NAAO/wBaD95aRV68nrQR8y8mgBx6GkH3RSEcHk0AfKOTQAg/17f7q/zNcp8VP+SYa1/1xH/oa11QH79uT90fzNcp8Ux/xbHWuT/qR/6GtAHX0UmPc0UAczqhP/CyPD3y/wDLlfd/eCujlJ2D5f4l7+4rndUI/wCFk+Huf+XK+/nBXRSkbBz/ABL/ADFAD8n+7+tc9oRxq3iJG4YaiGx7G3hwa6LI9a53Ukk0fWDrUKNLZzRiK/SNSzJtJ2TADkgZIYDnGD/DXHjIOVPTodmF97np9ZLT1un+NtPM2qp6vBJdaHfW8C7pZbeREXIGWKkAc1Pa3Vve2qXNnNHPBINySRsGVh7EVLXjNcysZ6wlrujzabwp4ksI4JoZZdfkj0Zrf7PqiWpjjfzISY1VFjDHaj43nGVXLDJNLpeh+IpL3V21GyvpV1ZbSJLnU5bTzYFjMhZ3FttAZeCu3ccshLDkJ6RRW7qt7r+r3MlBJf12seXxeEvEemeFdRtkgk1e7u/OMZuJYY3QrdNIillwmxw27hchic5G1UsXfgbUJ5tRW5gW6OpSabLeTK6qJmSd2nwCchVQqFB52hQMkV6RRS9rK9/63uDimrf1tY8vbw54na+utbn0m1u9RmsJLVorkxyKypJAEXG4BtwSWVQSAGfDFagl8K+Kb9NXupRqgkmewuIWu3sPtUogkdmjxGvkh+hXcGU/LlhyE9Xop+1dlpt/ncfKrvz/AMrHnsHhzV5vDuomSDUGu77VLO6KajLaecyxSw7nYW6rGDtjPRmJCjkH5R0fjTSrzWfDyWemtIk/260k8yIoGiVLiN2cbwVJVVJwQc46HpW/RU+0d0+zv+X+RadkcKnhfWJtX0tYbq70SDTbC4tDc2LQSedl4ihxMshwwUk5GQQck8E5mmeH9b0XQ47Sfw82rSXuhW+myL58AW2dBIGWXcwzGfMBygc8N8vTPptFP2j5eV7f8P8A5iWjb/r+vU4X/hGNVh0HWbIp9ommFmsUnmKPO8uOJXbk8co3WlsvCt4LvVU1GB5rbVpryEnzEDWkUjFlZcEfK2Mnq4bb2Hy9zUdxbQXlrLbXcMc8EyFJIpVDK6kYIIPBBHap5nzOXUUUlFR6afgc94HN5d6K2rasqLe6g4ZwjblCoAi7T/dO0uP9+rniewudR0+0js4/MePUbWZhuAwiTIzHn0AJxWvHGkUaxxIqIgCqqjAUDoAKdRze/wAy6foLl91x7/qcJcaLq1n4ju9Zj0p9Qjj1n7VHaxSxCSWNrKOHzE3sqhlYMMMy8biO2cixm1i08QTW8XhW9m8pLq7kt7Oa1/0d7pwY1JeVAThHLbcjc3BPU+pUU+e6s10t+Fv68yru91/X9f1qeYeH9K1K9sdF1iCzmdNP0m3t2sZHiAnnglZXXO77ylSUO4ISRn1GzFo+q3NnLNLp720k/iKK+EEksZdIVZAWJVivRCcAk4I78V21FP2j5ubzv+Kf6Gfs048r7W/C36/eeY2HhnXtEt7kz6bca9/aOnvZC3kltlWxJkkbaSduYmDqSR5j/L0bgC8/gvXtPt7SCx1K3vLQ6hZXV3BLbHzt0ZiEjrMZAAv7vdgozdQDyMegUURqOLTXl+DuVKKnv/V1b8jzfSvCWt/2lpN9qVqqmw1y6khiWZWEVs/2k+af9pzJHkDJAC9Duq5rugaxL4d1uOytrg3M2uQXsAtpIfNaNHgYsnmHZuAjbAfjI5Fd5RR7R83N/W6f5ofby/4P+ZgeEf7c+wXP/CQfav8AX/6L9vFv9p8vaufM+z/us7t2Nv8ADjPOa36KKiTu7gFY+pc+KtAVeWDzuR7CIjP5sPzrRvL220+1e5vp44IUHzPI2AP8+lZuiJNqerSa7eQPbxmIwWMMow6xEgs7A/dLkLx1AUZ5JFa4eDnUVuh10U4RlVltZr1bTVl9935G+xPHy9/Wlyf7v60jEcc96dkete6eecT4OJ/4WF484/5f7Xv/ANOkddpk7vu9vWuL8HEf8LC8e/8AX/a/+kkddpkbuvagBGJ2n5f1p2T/AHf1pHI2nmnZHrQA1Sefl7+tNJPnr8v8J7+4pykc896aSPPXn+Fv5igBzE7T8v60uT/d/WkYjaeadketADFJ5+Xv60pJ3D5f1oUjnnvQSNw5oAXJ/u/rTISfIj+X+Ed/apMj1qOEjyI+f4R/KgBwJ5+Xv60hJ3D5f1pQRzz3oJG5eaAAk4Py/rQCcD5f1pSRg80AjaOaAGAnz2+X+Ed/c05iePl7+tNBHntz/Cv8zTmI4570ABJwfl/WhSdo+Xt60pIweaFI2jntQAgJ3H5f1pspOwfL/Evf3FOBG4802UjYOf4l/mKAH5P939aRSdv3f1p2R601SNvWgBMnf93t60rE8fL39aMjf17UMRxz3oAXJ/u/rTIidh+X+Ju/uakyPWo4iNh5/ib+ZoAdk7vu9vWkYnafl/WlyN3XtQ5G080ALk/3f1pFJ5+Xv607I9aapHPPegBpJ89fl/hPf3FOYnafl/Wmkjz15/hb+YpzEbTzQAuT/d/WmqTz8vf1p+R601SOee9AASdw+X9aXJ/u/rSEjcOadketAHAfBEn/AIU/pHH/AC0uu/8A09S13oJ5+Xv61wfwRI/4U/pHP/LS6/8ASqWu8BHPPegBCTuHy/rSknB+X9aCRuXmlJGDzQAgJwPl/Wmgnz2+X+Ed/c08EbRzTAR57c/wr/M0AOYnj5e/rQScH5f1oYjjnvSkjB5oARSdo+Xt60Ancfl/WlUjaOe1ICNx5oAbKTsHy/xL39xT8n+7+tMlI2Dn+Jf5ipMj1oAapO37v60mTv8Au9vWlUjb1oyN/XtQAMTx8vf1pcn+7+tIxHHPenZHrQBHETsPy/xN39zTsnd93t602IjYef4m/madkbuvagBGJ2n5f1p2T/d/WkcjaeadketADQTz8vf1ppJ89fl/hPf3FOUjnnvTSR568/wt/MUAOYnafl/Wlyf7v60jEbTzTsj1oAYpPPy9/WlJO4fL+tCkc896CRuHNAC5P939aMn+7+tLketGR60ANBPPy9/WkJO4fL+tKCOee9BI3LzQAEnB+X9aATgfL+tKSMHmgEbRzQAwE+e3y/wjv7muU+KZP/Csda4/5Yjv/trXVgjz25/hX+ZrlPioR/wrHWuf+WI/9DWgDrsn+7+tFLketFAHM6oB/wALJ8Pcf8uV9/OCuilA2Dj+Jf5iub1RG/4WR4e/eN/x5X3OB6we1dFKjbB+9f7y9h6j2oAlwPSkUDb0pPLb/nq/5D/CkVG2/wCtf8h/hQBk3HhTRp7t5xatbSyfM72c8luXPqTGy5P1pjeENMC/67Vf/Bvdf/HK2djb/wDWv09B/hQyNt/1r/kP8KydGm3dxX3HSsXiUrKpL72Y/wDwiGmf89tV/wDBvdf/ABymR+EdMZSTNqv3iP8AkL3Xr/10rc8tv+er/kP8KZEjbD+9f7zdh6n2o9hS/lX3D+uYn/n5L72ZH/CIaZu/12q9P+gvdf8AxyhvCGmBTibVf/Bvdf8AxytnY27/AFr9PQf4UMjbT+9f8h/hR7Cl/KvuD65if+fkvvZj/wDCIaZ/z21X/wAG91/8cpB4Q0w5/far1/6C91/8cra8tv8Anq/5D/CkVG5/ev19B/hR7Cl/KvuD65if+fkvvZj/APCIaZ/z21X/AMG91/8AHKRvCGmBT++1X/wb3X/xytry2/56v+Q/wpGRtp/ev+Q/wo9hS/lX3B9cxP8Az8l97Mf/AIRDTP8Antqv/g3uv/jlIPCGmHP77Vev/QXuv/jlbXlt/wA9X/If4Uio3P71+voP8KPYUv5V9wfXMT/z8l97MY+ENMyP32q/+De6/wDjlYcXh61b4gXentd6sbWPS4J1j/te64dpZVJz5meir+VdqUbcP3r/AJD/AArnIEb/AIWlffvG/wCQNbc4H/Pef2o9jS/lX3B9cxP/AD8l97LEXhHTGhQmbVclQT/xN7r/AOOU4eENM5/far1/6C91/wDHK14UbyE/ev8AdHYen0pwRsn96/X0H+FHsKX8q+4PrmJ/5+S+9mMfCGmbh++1X/wb3X/xyg+ENMwf32q/+De6/wDjlbJRty/vX/If4UFGwf3r/kP8KPYUv5V9wfXMT/z8l97MYeENMx/rtV/8G91/8cpo8I6Z5zDztVwFB/5C917/APTStsI2B+9f8h/hTQjee371/ujsPU+1HsKX8q+4PrmJ/wCfkvvZkHwhpg/5bar1/wCgvdf/AByl/wCEQ0z/AJ7ar/4N7r/45WwyNx+9fr6D/Cl8tv8Anq/5D/Cj2FL+VfcH1zE/8/JfezFHhDTCo/far/4N7r/45QPCGmbj++1X/wAG91/8crZVG2j96/T0H+FARtx/ev8AkP8ACj2FL+VfcH1zE/8APyX3sxJPCOmKoIm1X7wH/IXuvX/rpT/+EQ0z/ntqv/g3uv8A45WtKjbB+9f7y9h6j2p/lt/z1f8AIf4Uewpfyr7g+uYn/n5L72Zdn4X0i0uEuUtTNcIcpNdTPcOh9VaQsR+FauBv6dqaqNt/1r/kP8KNjb/9a/T0H+FXGMYq0VYxqValV3qSbfm7jmA4470uB6Uxkbj96/X0H+FL5bf89X/If4VRmcZ4OA/4WF49/wCv+1/9JI67TA39O1cT4PQn4g+PP3jD/T7XsOf9Ej9q7TY27/Wv09B/hQA5wNp4pcD0pjI20/vX/If4Uvlt/wA9X/If4UAKoHPHes7WdUTSxDshNzdTkxW1shwZX4PXsAAST2AP0rGX4geH4vGFx4Y1HUW03VoivlxXYWNbhWAKtG/3WznGM5yCMcVbRftPjq6aVi4sbGJYQ2PlMrOXP4iNB+BrDEVHTp3W504eEZScp7RV/wBF+LV/IaNDvL4eZrmrXTu3/LCxla2iT2BUh2+pbn0FL/wimnf899V/8G91/wDHK2q5jx3Zm90uwFxZyX+mRX8cmo2kcJmM0AVuPKAJkAfy2KgEkL0PSvF5pSlqzf61W+zK3ktPwRd/4RPTv+e+q/8Ag3uv/jlH/CJ6d/z31X/wb3X/AMcrlNQsNIaDQm1Lw1f3HhmK0nji06bT5LswSlk8tntwHYfIHC5HyA7TtzisDU9C1l100a9aLNZjTzHbRXmjT6vJby+a5wfKlBik8sxDzCT9w/MMZa+V9/61/HT8SfrmI/5+P735f5/gz0r/AIRTTv8Anvqv/g3uv/jlA8J6cBgT6qB/2F7r/wCOV5j4jn0/UbLURrWl32qajpmlwWkV0+gzTFLlNzTOJEWREPKZIfqDycA1pajY6prdxq729ldjTU12xvoGETD7Zk2uGUdSiKrk5GM4/uGrVO7tzfP5r873F9dxN7c7+99v0ejO8/4RPTv+e+q/+De6/wDjlH/CJ6d/z31X/wAG91/8crjtN0rxHDJpz3DRf2bH4iu5/sg02UXEaGW4IkaTzCCp3Aj92Mhl57nJsfCGr27Qaloem2dhdXVnfrbTHTmivlZkPlPdXBPzOxwxBRSCeckGs7WvrsW8ViFLl9o/vfdo9H/4RTTv+e+q/wDg3uv/AI5R/wAIpp3/AD31X/wb3X/xyvPvDnhWC+hvYbzR7SW0/s8ie0PhiWyR7kY2O3nSv50o+cb0U5ycv90GU+GNL0yx0BdS8KXE+njScLa6dZNuivz5ZLlYwDHKQuBMSu0qcsueb5Nbc39a/wCX4oz+u4nT35fe/L/P8Gd5/wAInp2c+fquf+wvdf8Axyj/AIRPTv8Anvqv/g3uv/jlcN4t8L3Gta9q2oWmkW0pt2tf3+oaa1xcs4KkpavuHloq4JYbwWZ+mDXT+O7OK7XSW1PTpdT0aG7LX9rFbNc7lMThC0KhmkAcqcAHBw2OMiLbalfXMRf45fezS/4RTTv+e+q/+De6/wDjlH/CKad/z31X/wAG91/8cqvcaxaeHfh+uomzvreCC1RYbORWluQzYWOIgFiXLFV6nk8mvNYIdL061vLHQNBvIruTQ7cvFFok1o97LDMDKQHjTe3zrz/tdaFGTvvp/k3/AF6j+t4nlv7R/e/L/M9S/wCET07/AJ76r/4N7r/45QfCenHrPqv/AIN7r/45XEahpupWzeILrVdIm1F9TisGuYwk0sMZ8yUMuyMbpkjXYGjUfOAd2A5NZ2h+FTdXdvY6loEMukt4g+0i3/sZra08o6ewDi3kL+WPMHIYg7uoBOKtU73vLb/gf5/1rZLGYh/bfXq/6/r7/SP+EU07/nvqv/g3uv8A45R/wienf899V/8ABvdf/HK4rUNC1+P+2ItNS3h0n+3rJ47FdMkMrxobXLRyCQKEG0/8syAEbn0S10phq0As9GvIPFKX8z32qm0dFkhO/G64I2yoVMYWMMxXC/KNhKrl926f9WT/AFBYvE2/iPr1fQ7b/hE9O/576r/4N7r/AOOUf8Inp3/PfVf/AAb3X/xyuZ8GaBoV1okum3nhaeOU20A1UajZEQ3Vyudxw/yzOGBYyqCGyvzHAxl6P4fvNE8P+DIfD+hfYb2eB0vJY7QR/ZpHhUNNMMDLAA4B5ZgF75A42bV+wLGYhq/O/vZ3X/CKad/z31X/AMG91/8AHKB4T04dJ9V/8G91/wDHK47SfDuu6RoIl0WxhnKQ31m9tqNxLDJsNzI0bqwjcuSD0IGcg59efv8AQtZdoReWu2c6dZx6VKPD897cWzLEoYRzLKiWziTJJfaPuksQCFIwu7c39a/5X/4Yn67if53978v8/wAD1H/hE9O/576r/wCDe6/+OUf8Inp3/PfVf/Bvdf8Axyud0qwt4PH13Nqmi382tSXrvBqaQP5a2phAAMwwuwEEeSSTv+bb/FXOppuqab4ZsZp9Du9Q1VXsnt/JtWUpDHdKTCc58sjIZiSAwy2AEICUW3FX3t+P+Q3jMTZtTlp5s9E/4RTTv+e+q/8Ag3uv/jlH/CJ6d/z31X/wb3X/AMcrz648L6uurPuhuLi6HiBb83XlOI3lXTSQ464j80BBzgcL1roPBNpev4z13Xb2yu7X+17S0mC3MbJsAedVjwejLH5ZZexbnrVOFo35ul/v/p/d5lyxWIX/AC8f3vvb/I6A+GzbnzNK1bUrWZfu+dcvdIfYrKW4+hB96taRq011NcafqsCW+o26hmEZzHNGeBImecZ4IPIPHoTo1ia8vk6not9GdsqXn2ckfxRyKQV/76CH/gIqqFaUJpX0KjN4i8Kmrs7Prda79U9tdtzosD0pFA5470nlt/z1f8h/hSKjc/vX6+g/wr2jzRxA3DilwPSmFG3D96/5D/Cl8tv+er/kP8KAOD+CIH/Cn9I4/wCWl1/6VS13oA5471wPwSQn4QaQRIw/eXXAA/5+pfau8CNz+9fr6D/CgBxA3LxSkDB4phRty/vX/If4UFGwf3r/AJD/AAoAeANo4pgA89uP4V/maAjYH71/yH+FNCN57fvX+6Ow9T7UASMBxx3pSBg8Uxkbj96/X0H+FBRsH96/5D/CgB6gbRx2pABuPFNVG2j96/T0H+FARtx/ev8AkP8ACgAlA2Dj+Jf5in4HpUUqNsH71/vL2HqPan+W3/PV/wAh/hQAqgbelGBv6dqaqNt/1r/kP8KNjb/9a/T0H+FADmA4470uB6Uxkbj96/X0H+FL5bf89X/If4UAJEBsPH8TfzNOwN/TtUcSNsP71/vN2HqfanbG3f61+noP8KAHOBtPFLgelMZG2n96/wCQ/wAKXy2/56v+Q/woAVQOeO9NIHnrx/C38xQEbn96/X0H+FNKN56/vX+6ew9R7UASMBtPFLgelMZG2n96/wCQ/wAKXy2/56v+Q/woAVQOeO9BA3Dimqjc/vX6+g/woKNuH71/yH+FAD8D0owPSm+W3/PV/wAh/hR5bf8APV/yH+FACgDnjvQQNy8U0I3P71+voP8ACgo25f3r/kP8KAHkDB4oAG0cUwo2D+9f8h/hQEbA/ev+Q/woAAB57cfwr/M1ynxUA/4VjrXH/LEf+hrXUhG89v3r/dHYep9q5T4pow+GOtZkY/uR1A/vr7UAdhgelFN8tv8Anq/5D/CigDnNUJ/4WT4e4/5cr7+cFdFKTsHH8S/zFc7qhH/CyfD3P/LlffzgropSNg5/iX+YoAfk/wB2kUnb92nZHrTVI29aADJ39O1DE7TxRkb+vahiNp5oAXJ/u0yInYeP4m/makyPWo4iNh5/ib+ZoAdk7/u9qGJ2nijI3de1DkbTzQAuT/dpFJ54707I9aapHPPegBcn+7SMTtPy07I9aaxG080ALk/3aRSeeO9OyPWmqRzz3oACTuHFYuqeFbLVtV/tGWfULa58lYC9neyQbkVmYA7CM8sfzraJG4c07I9aAOXi8FWphT/ibeIPuj/mM3H/AMXTh4Jtcn/ibeIOv/QZuP8A4uuihI8iPn+Efyp4Iyee9AHMnwTa7h/xNvEH/g5uP/i6U+CbXB/4m3iD/wAHNx/8XXSEjcvNKSMHmgDmh4JtcD/ibeIP/Bzcf/F00eCrXzm/4m3iD7o/5jNx7/7ddOCNo5pgI89uf4V/maAOdbwTa8f8TbxB1/6DNx/8XS/8ITa/9BbxB/4Obj/4uujYjjnvTsj1oA5keCbXaP8AibeIOn/QZuP/AIukHgm13H/ibeIP/Bzcf/F10ykbRz2pARuPNAHMyeCrUKP+Jt4g+8v/ADGbj1H+3T/+EJtf+gt4g/8ABzcf/F10MpGwc/xL/MVJketAHMr4Jtcf8hbxB/4Obj/4uk/4Qm13/wDIW8QdP+gzcf8AxddKpG3rRkb+vagDmm8E2vH/ABNvEHX/AKDNx/8AF07/AIQm1/6C3iD/AMHNx/8AF10bEcc96dketAHlfhTwnbTeOvGsJ1LWlEF7bKGTVZlZs20Z+Yhsseep7cV13/CE2u7/AJC3iDp/0Gbj/wCLrP8ABxH/AAsLx7/1/wBr/wCkkddpkbuvagDmm8E2u0/8TbxB/wCDm4/+Lp3/AAhNr/0FvEH/AIObj/4uujcjaeadketAHgXjL4Gap49+IXnSXk9hodlEsC3d7dPd3Nyclm2Bm+VQWIGSOQSAc16L4L8N23hHVb/RbK4vLiKCztSkl7OZZGGZh1PAHBGAABjpXbKRzz3rn9fWbTtUttctYnnWKJobyGIZZocgh1HUlDk4HUM3fFcuKi5UtOh14W0nKn1krL1un+NrfM2qKhtLy3v7WO5spkngkGUkjbIIqavFM2nF2e4UUUUxEItLZYpo1t4gk5ZpVCDEhbqWHfPfNSRxpFGscSKiIAqqowFA6ACnUUAFFFFABRRRQBRj1vSpr27s4tTs3urJd11AtwheAYzl1zlRj1xSTa9o9vFcST6rYxJaxpLOz3KAQo/3GYk/KGwcE8HHFcppukanbWd/pM3h5DIkd+YtWaaL9958hdVQZL5bcN+7YAUGNwwag/sfxBpPhmOwtNOa/nWa3nkuwLdrj7m1jGJGWLzoyq4YgJtxwxBBvlV7X7fixO/Tz/D/ADOuh1PQ9dsbd4L3T9RtbmXEDJKkqSyId3y4JBZSmeORtz2qPUNb8OaesWparqel2ojke1jurm4jTa+fnjDseDlOVz/Dz0riNM8JeJJZoWuZ9R0+Q65JfNe77N7gRNZ7AWAQxbt3ysAhwc4LD5zAvhHxNpdxb3iS6xcmOXUInNgdP+0us1z5iysJ18raygZC7SDt4xkDTkimtf6t/S/QE3Z+v4anol74i0XTZ44dR1iwtJZSgjjnukRnL52YBPOdrY9cH0p91rmk2OpW+n3uqWdve3X/AB7201wiSTc4+VSctz6V5vZaVe6VrV5pMOgnVJD4btLFlNxCfIDPcDDsRGDFxg7Ez8owhq9e+Gdat9K1jQ005tTfWLaCFNU82NUtikCREyBmD4VlMi7FY5Y9DzR7OKlZv+v61B6O39bJ/r+B3jaxpiwXkzajaCKwJW7kM67bcgbiJDn5cAg844NWo5EljWSJldHAZWU5DA9CDXm2qeD9Yuv7Vs47ISWesXMzXhMyDKR/PDxnne3yEenXivQNJgkttFsoJ12yxW8aOuc4IUAjisrLlv6f194X1t6luiiipGFFFFABRRRQAUUUUAFc/wCMLZb20021aSaPztRiXdBIY3H3idrDkHAPIrfd1jRnkYKqjLMxwAPWsKyk/wCEi1qHUohnS7AMbWT/AJ+ZmBUyL/sKpYA9yxxwOdKMXOokjqw6cW6r2jf77aL5v9X0F/4Qm1/6C3iD/wAHNx/8XTV8E2vP/E28Qdf+gzcf/F10+R601SOee9e+eec0fBNruH/E28Qf+Dm4/wDi6d/whNr/ANBbxB/4Obj/AOLroyRuHNOyPWgDyP4P+Fbe/wDhXpVw+o61EzyXIKW+qTRIMXMg4VWAHT8Tk12w8E2vP/E28Qdf+gzcf/F1j/BEj/hT+kc/8tLr/wBKpa7wEc896AOaPgm13D/ibeIP/Bzcf/F0p8E2uD/xNvEH/g5uP/i66Qkbl5pSRg80Ac0PBNrgf8TbxB/4Obj/AOLpo8FWvnN/xNvEH3R/zGbj3/266cEbRzTAR57c/wAK/wAzQBzreCbXj/ibeIOv/QZuP/i6D4JtcH/ibeIP/Bzcf/F10jEcc96UkYPNAHNDwTa7R/xNvEHT/oM3H/xdIPBNruP/ABNvEH/g5uP/AIuumUjaOe1ICNx5oA5mTwVahR/xNvEH3l/5jNx6j/bp/wDwhNr/ANBbxB/4Obj/AOLroZSNg5/iX+YqTI9aAOZXwTa4/wCQt4g/8HNx/wDF0n/CE2u//kLeIOn/AEGbj/4uulUjb1oyN/XtQBzTeCbXj/ibeIOv/QZuP/i6d/whNr/0FvEH/g5uP/i66NiOOe9OyPWgDkvBqS2mseJNPN1eXUFpexrD9ruWmZA0CMRuYk9WJrq8nf8Ad7VzPhgj/hLPF3P/AC/w/wDpNFXTZG7r2oAGJ2nilyf7tI5G0807I9aAGqTzx3ppJ89eP4T/ADFOUjnnvTSR568/wt/MUAOYnaflpcn+7SMRtPNOyPWgBqk88d6CTuHFCkc896CRuHNAC5P92jJ/u0uR60ZHrQA1Sefl70EncvFAI5570EjcvNAAScHigE7R8tKSMHmgEbRzQAwE+e3H8I/ma5T4pk/8Kx1rj/liP/Q1rqwR57c/wr/M1ynxUI/4VhrX/XEf+hrQB12T/dopcj1ooA5nVAP+Fk+HuB/x5X384K6KVRsHA+8vb3Fc5qgP/CyPD3P/AC5X384K6OUHYOf4l/mKAH7R6D8qRVG3oPypcH1pFB29f0oAMDf0HShlG3oPyowd/Xt6UMDtPP6UALtHoPypkSjYeB95u3uafg+v6UyIHYef4m/maAHbRu6Dp6UMBtPAowd3XtQwO08/pQAu0eg/KkVRzwOvpS4Pr+lIoPPPf0oAXaPQflSMo2ngflS4Pr+lIwO080ALtHoPypFA54HWlwfX9KRQeee/pQAFRuHA/Kl2j0H5UhB3Dn9KXB9f0oAZCo8iPgfdHb2pwUZPA6+lNhB8iPn+EfypwByee/pQAEDcvApSoweB+VIQdy8/pQQcHn9KAFCjaOB+VMCjz24H3R29zTgDtHP6U0A+e3P8I/maAHMo44HX0pdo9B+VIwPHPelwfX9KAEVRtHA6elAUbjwPyoUHaOe3pQAdx5/SgBsqjYOB95e3uKftHoPypkoOwc/xL/MU/B9aAEVRt6D8qMDf0HShQdvX9KMHf17elAAyjjgdfSl2j0H5UjA8c9/SlwfX9KAOK8HAf8LC8e8f8v8Aa/8ApJHXabRu6Dp6Vxfg4H/hYXjzn/l/tf8A0kjrtMHd17UADAbTwKXaPQflSMDtPP6UuD6/pQAiqOeB19KaVHnrwPunt7inKDzz39KaQfPXn+E/zFAGVdeFtMmuJLqFJrK4kO6SWyneAyH1YKQGPuQaj/4RWL/oLax/4HPW2wO080uD6/pWTo027uKOpYuulbnZhDwtEc/8TbWOv/P89B8LRZH/ABNtY/8AA563FB557+lBB3Dn9KXsKX8qD65X/mMT/hFYv+gtrH/gc9Nj8LRNEjHVtYyVBP8Apz1vYPr+lMhB8iPn+Efyo9hS/lQfXK/8xijwrEc/8TbWOv8Az/PQfC0W4f8AE21j/wADnrcAPPPegg7l5/Sj2FL+VB9cr/zGIfCsWP8AkLax/wCBz0DwrER/yFtY/wDA562yDg8/pQAdo5/Sj2FL+VB9cr/zGEPC0Xmsv9raxgKD/wAfz+9KfCsQ/wCYtrHX/n+etoA+e3P8I/macwPHPej2FL+VB9cr/wAxiHwrFj/kLax/4HPQPCsRA/4m2sf+Bz1tkHB5/ShQdo57elHsKX8qD65X/mOfXwbZrdyXC3+qLPIio8ovG3Mq5KgnqQCzYHbJ9afJ4WiVQRq2sfeA/wCP5/Wt0A7jz+lNlB2Dn+Jf5ij2FL+VB9cxH8xjf8IrF/0FtY/8DnpB4ViI/wCQtrH/AIHPW7g+tIoO3r+lHsKX8qD65X/mMP8A4RaLdj+1tY6f8/z0HwtEMf8AE21jr/z/AD1uYO/r29KGB457+lHsKX8qD65X/mMT/hFYv+gtrH/gc9Nj8LRMpJ1bWPvEf8fz+tb2D6/pTIgdh5/ib+Zo9hS/lQfXK/8AMYv/AAisW7H9rax0/wCf56G8LRBSRq2sf+Bz1uYO7r2oYHaef0o9hS/lQfXK/wDMYn/CKxf9BbWP/A56QeFojn/ibax1/wCf563cH1/SkUHnnv6UewpfyoPrlf8AmMMeEtNa4T7c13qAALBL26eVMgj+AnafxFbZRVjwqgADAAHSkIPnrz/Cf5inMDtPNXGEYfCrGVStUq/HJuwu0eg/KkUDngdaXB9f0pFB557+lWZAVG4cD8qXaPQflSEHcOf0pcH1/SgDgfgiB/wp/SOB/rLr/wBKpa70KOeB19K4L4Ig/wDCn9I5/wCWl1/6VS13oB5570ABA3LwKUqMHgflSEHcvP6UEHB5/SgBQo2jgflTAo89uB90dvc04A7Rz+lIEYSFs9QB/P8AxoAVlHHA6+lKVGDwPypCCe/6UpBx1/SgBFUbRwOnpQFG48D8qACAOf0o2nJOf0oAbKo2DgfeXt7in7R6D8qa6My4z3B/I07B9f0oARVG3oPyowN/QdKACB1/Sjad2c9vSgAZRxwOvpS7R6D8qQqT3/SlwfX9KAOY8MAf8JZ4u4H/AB/w/wDpNFXTbRu6Dp6Vk6To82na1rd5JKjJqNykyKoOVCxImD+Kk1rYO7Of0oAGA2ngUu0eg/KkKkjGf0pcH1/SgBFUc8Dr6U0qPPXgfdPb3FOAIzz39KQoxkDZ6Aj+X+FACso2ngflS7R6D8qQgkYz+lLg+v6UAIoHPA60FRuHA/KgKRnnv6UFTkc/pQAu0eg/KjaPQflRg+v6UYPr+lACBRzwOvpQQNy8CgAjPP6UEHcvP6UAKVGDwPyoCjaOB+VIQcHn9KADtHP6UANCjz24H3R29zXKfFQD/hWOtcD/AFI/9DWurAPntz/CP5muU+KYP/Csda5/5Yj/ANDWgDrto9B+VFGD6/pRQBzGqSL/AMLI8PHDf8eV9/AfWCuillXYOH+8v8B9R7Vgap/yUnw9/wBeV9/OCuil+4P95f5igA81fR/++D/hSLKu3o//AHwf8KkpF+7QAzzV39H6f3D/AIUNKu3o/wD3wf8ACn/x/hQ33TQA3zV9H/74P+FMilXYeH+838B9T7VNTIvuH/eb+ZoATzV3dH6f3D/hQ0q7Tw//AHwf8Kf/AB/hQ/3TQA3zV9H/AO+D/hSLKvPD9f7h/wAKkpF7/WgBvmr6P/3wf8KRpV2nh/8Avg/4VJSN900AN81fR/8Avg/4Uiyrzw/X+4f8KkpF7/WgBhlXcOH/AO+D/hS+avo//fB/wpx+8KWgCGGVfITh/uj+A+n0pwlXJ4fr/cP+FLD/AKiP/dH8qcOp+tADDKu5eH/74P8AhQZVweH/AO+D/hTz95aU9DQBGJVwOH/74P8AhTRKvntw/wB0fwH1PtUo+6KaP9e3+6v8zQAjSrxw/X+4f8KXzV9H/wC+D/hTm7fWloAjWVdo4fp/cP8AhQJV3Hh/++D/AIU9fuj6UD7xoAillXYOH+8v8B9R7U/zV9H/AO+D/hRL9wf7y/zFPoAjWVdvR/8Avg/4Ueau/o/T+4f8Kev3aP4/woAY0q8cP1/uH/Cl81fR/wDvg/4U5u31paAOH8HyAfEHx5w3N/a/wn/n0jrtPNXd0fp/cP8AhXHeDv8AkoXj3/r/ALX/ANJI67T+P8KAGNKu08P/AN8H/Cl81fR/++D/AIU5/umloAjWVeeH6/3D/hTTKvnrw/3T/AfUe1Sr3+tNP+vX/db+YoARpV2nh/8Avg/4Uvmr6P8A98H/AApzfdNLQBGsq88P1/uH/CgyruHD/wDfB/wp69/rQfvCgBvmr6P/AN8H/CmQyr5CcP8AdH8B9PpU1Mh/1Ef+6P5UAIJV54fr/cP+FBlXcvD/APfB/wAKeO/1oP3loAYZVweH/wC+D/hQJVwOH/74P+FSHoaQfdFAEQlXz24f7o/gPqfanNKvHD9f7h/wpR/r2/3V/mac3b60AMMq4PD/APfB/wAKFlXaOH6f3D/hUh6GkX7o+lADBKu48P8A98H/AApssq7Bw/3l/gPqPapR9402X7g/3l/mKADzV9H/AO+D/hSLKu3o/wD3wf8ACpKRfu0AM81d/R+n9w/4UNKvHD9f7h/wp/8AH+FDdvrQA3zV9H/74P8AhTIpV2Hh/vN/AfU+1TUyL7h/3m/maAE81d3R+n9w/wCFDSrtPD/98H/Cn/x/hQ/3TQA3zV9H/wC+D/hSLKvPD9f7h/wqSkXv9aAIjKvnrw/3T/AfUe1OaVdp4f8A74P+FKf9ev8Aut/MU5vumgBvmr6P/wB8H/CkWVeeH6/3D/hUlIvf60AMMq7hw/8A3wf8KXzV9H/74P8AhTj94UtAHn/wSkC/CDSAQ3+suuik/wDL1LXeCVeeH6/3D/hXC/BD/kj+j/8AXS6/9Kpa70d/rQAwyruXh/8Avg/4UGVcHh/++D/hTz95aU9DQAinKgj9RXF/Fy7urH4bXk1hd3FpN9otkE1tM0TgNOikBlIIyCRwe9doPuiuS+KGj6jr3gC7sNGtGvLxpreRIVdELBJkdsFyF6KepFHVX7r8w1s7EUHijUBrN7o/hrQX1Sz0SSC0vJ59SKzlmUMfLEgPm7UZSS8iknI5PWvd/El7b+0NRXSEk8PaZqA066vvteJhJvVGZYdmGQO4BJcHAJCnAzof8IbDfanNrMF7rOhvqRhm1Cwt7iJBM8YGN7KGZTgBW8qQAgd+SUufh3plze3LNe366deXgvrrSVkT7NPOCG3n5PMGWVWKhwpI5Byctbq/z/D8N7fIH5f1v+O3kYsfxh0yTxh/ZGyyWD+1DpQZtRUXZm6b/s23PlF/l3bs5524qa4+JF/DrUcSaJayaZJr40MXQ1FvN8zHL+V5OMDBGN+citZfA0Nnqdze6Rq2p2aTXL3p0+KdVtmuWXBdsLvIJwxTdsJ521zJ+FGqReHdOjg8UXsupWeoxao0c4t/s5ujJumfK24kIIaTaCe69AOFDdc3lf8AC/5P70EutvO33O36fcx5+M9r/b9joy6Uz3l1rkulsq3GRDGj7BOx2fxHons3PFWNL+L+napqml6ZFDa/b73VbnT5bRb9Wltli8zErJtzhvLHBAxu6nvdtfhL4es7+e9hkvPtM+trrUkpdNzSru2x/c/1Y3scdeTzV2z+Hek2X9meVcXjf2ZqVxqcO50+aWbfuDfLyo8xsAYPA5NJXsr/AD/8l/8Atv6tYlu+Xbp/5N/wP6vfC8O/GTTPEPiC0sIY7MQ6i062fl6gslyDECf38AUGIMFYqdzdBnBNJoHxl0/xBJokFnb2r3Wo2l1c3NvFfrI9kYRkI4C5+b1O3Hoa6LRvAtpoN4hsNV1VdPhE32fSzOotoPNOWICqGfBzgOzBcnAHGK+n/DbR9Nh0SKC5vmXRLW4tbffIh3rOPnL4XkjtjHvmjXl03t+Ov/AHpzeV/wBf8jndH+OGnarqFnbtpkkUb6K+q3kyTbxbFUEhhHyjewRlJ6Y3LxzWr4J+KNn4w1oaaI7GOeaxF/ALLUVu9se4KUlAUeXKNy5X5hycMcGn6J8IvDOg2um21qtzLBYWt1a+XM6kXC3G3zDJhRk4UAYxgdq2fDnhJPDkn7vWdWvoY7dLW3t7ydTFbRKTgKqKoJ6De+5sADd1zWl/68/+B+PUnW3n/wAN/wAH9DH1z4j/ANh3msWEuleZqFnPZxWNuLnH24XLbUYHb8mGDgjDY2Z71Ys/GWravql2ug+Ho73TbK/bT5rp78RSCVR87iMpgxqxAJ37upCHABz9Z8IXHiD40aJrs2nPBYaHbSFrp5IyLuVseWqqGLYQs5ywXnpnrW1F4ItbXW5r6w1XVLK3uLz7dcadbTKkE0+OWY7fMwSASocKSOQcnKjsm/P81/k380OW7S8vy/zt+Jl6X481i5k8RnU9C0+1g8Ps0dy8Wsbi8giWQBTJFGgXDAFmZcemOax0+NAXQdev7rRY1k0dLWbEV3IYZ4532BlkkhQkDk7gpVhghiDmurufAOkXen+JbO4kunh8SSGS7HmAGNvLVP3ZA4wEB5zz7cVmSfCjTLm31aPUNY1i9k1aK2iuZ5pYt+IH3x7QsYVfQ4GCB0ySSR3V/L/gj0/H8L/5ED/FzTZX13+y4YdTj064tLSzltL1HS9muAAq7gMIAxwTlsAE44xSa38T7jw5petnV9Gt49U0cW0j28eobreWKd9iuJjGCMENkGMY29wc1s33w+0jULnW7i4luxLrL28sjJIFNvJAAIniIHDAgHncMjpjiq198NNO1PStTttS1TU7q71RoDcak7xCfELBo1ULGI1UEHgJzkk5JzR/X5f8H5C/r+v63MZvi3Kvh7XNSTSbG9/sqa2hSbTtUNxZ3LTMF2rP5Q+ZNwLLtOMj1pb74tS6JLq1p4g0mys72wvLWzjKamWt5HuELhnleJPLRVBJO09OAe+lc/C6x1C4ubjVdd1e+mvJLZrp5fsy+ekDF442CQqAu45JADHpuxxV3UPh1pGpalqeoSz3kd5qFxbXSzRuoNrNAu2N4sqRnGchtwOTxjij+vy/4P8AWoLr/WphxfGPTDo9lfzpZJG+t/2ReTpqKvbQHaX85ZtoDpt2nkL1OcYqbT/imNbjgi0LTbe8vb3VLqxslN+FgljgGWnMoRiFKkYCq3JHbkbR8DWs1vpi3+q6rfzadqX9ppcXU6s8kvzAKQFCqgDYCoFAwMd8wL8OdMhjJsr/AFC0u11KfUob2J4zLDJN/rFUMhQoQcbWVvzANP8Ar/0n/g/1ayd+n9fF/wDa/wBXvzHiDxPLq8nhq9tnvNL1C08UxaRqFrBfv5ROGLoQpCyKcKQWUHB6LkivVa851/wbc2zeGrDQLC8vlh1+PVtR1GeeLJI3b3fLKSx3DARNoAwAMAV6NQvg+f6L8L3G/i+X6y/G1hGcL1z+Ck0wyruXh/8Avg/4VJSH7y0gGGVcHh/++D/hQJVwOH/74P8AhUh6GkH3RQBEJV89uH+6P4D6n2rlPinIp+GOtABv9SOqH++tdcP9e3+6v8zXKfFT/kmGtf8AXEf+hrQB1fmr6P8A98H/AAop9FAHM6oB/wALJ8PcD/jyvv5wV0UqjYOB95e3uK5zVAf+FkeHuf8Alyvu3vBXRyg7B838S9vcUAP2j0H5UiqNvQflS4b+9+lIobb979KADA39B0oZRtPA/Kkwd/Xt6UrBtp+b9KAF2j0H5UyJRsPA+83b3NPw3979KZEDsPzfxN29zQA7aN3QdPShgNp4FGDu+929KRgdp5/SgB20eg/KkVRzwOvpS4b+9+lIoPPzd/SgBdo9B+VIyjaeB+VLhv736UjA7T836UALtHoPypFA54HWlw3979KaoPPPf0oAUqNw4H5Uu0eg/KkIO4fN+lLhv736UAMhUeRHwPujt7U4KMngdfSmwg+RH838I7e1OAOT83f0oACBuXgUpUYPA/KmkHcOf0pSGwfm/SgBQo2jgflTAo89uB90dvc04BsD5v0poB89vm/hHb3NADmUccDr6Uu0eg/KkYHj5u/pS4b+9+lACKo2jgdPSgKNx4H5UKG2j5u3pQAdx+b9KAGyqNg4H3l7e4p+0eg/KmSg7B838S9vcU/Df3v0oARVG3oPyowN/QdKFDbfvfpSYO/r29KAFZRxwOvpS7R6D8qRgePm7+lLhv736UAcV4OA/wCFhePeP+X+1/8ASSOu02jd0HT0ri/BwP8AwsLx5z/y/wBr2/6dI67TB3fe7elAAwG08Cl2j0H5U1gdp5/SnYb+9+lACKo54HX0ppUeevA+6e3uKcoPPzd/SmkHz1+b+E9vcUAOZRtPA/Kl2j0H5UjA7T836UuG/vfpQAigc8DrQVG4cD8qRQeee/pSkHcPm/SgBdo9B+VMhUeRHwPujt7U/Df3v0pkIPkR/N/CO3tQA4KOeB19KCBuXgUAHn5u/pSEHcOf0oAcVGDwPyoCjaOB+VIQ2D836UANgfN+lADQo89uB90dvc05lHHA6+lNAPnt838I7e5pzA8fN39KAFKjB4H5UiqNo4HT0oIbB+b9KFDbR83b0oAAo3HgflTZVGwcD7y9vcU4A7j836U2UHYPm/iXt7igB+0eg/KkVRt6D8qXDf3v0pFDbfvfpQAYG/oOlDKOOB19KTB39e3pSsDx83f0oAXaPQflTIlGw8D7zdvc0/Df3v0pkQOw/N/E3b3NADto3dB09KGA2ngUYO773b0pGB2nn9KAHbR6D8qRVHPA6+lLhv736Uig8/N39KAGlR568D7p7e4pzKNp4H5U0g+evzfwnt7inMDtPzfpQAu0eg/KkUDngdaXDf3v0pqg889/SgBSo3DgflS7R6D8qQg7h836UuG/vfpQBwPwRA/4U/pHA/1l1/6VS13oUc8Dr6VwXwRB/wCFP6Rg/wDLS67f9PUtd6Aefm7+lAAQNy8ClKjB4H5U0g7hz+lKQ2D836UAKANo4FMAHntx/CP5mnANgfN+lNAPnt838I7e5oAcwHHA60pAweBSMDx83f0oIbB+b9KAFUDaOB0pABuPAoUNtHzdvSgA7j836UANlA2Dj+Jf5in4HoKZKDsHzfxL29xT8N/e/SgBFA29BRgb+nahQ23736UmDv69vSgBWA44HWs7xFeX+m+Hb2+0eyS/vLaIypasxXzwvJQEA4YgEDg84rRYHj5u/pVTUdVstJgEuo3aQKxwgIyzn0VRyx9gCaTaSuyoxlOXLFXZ4r4F+NNv4m8cXOn+HNFuprzW72OVvtLBY7OFIUWR2IzuI2NgcZyOQTivdcDd0HSvJPBPhjRvAvjTxD4juLG80+DWJc2k1xABHbRE7nRtpJjBfn5goACjrmvWI5FmVJIZVkjdcq6EEEeoNTCpCfwu5pUoVKWs1/l949gNp4pcD0FNYHaef0p2G/vfpVmIigc8DrTSB568fwn+YpwDc/N39KaQfPX5v4T29xQA5gNp4FLgegpGB2n5v0pcN/e/SgBFA5470EDcOBSKDzz39KUg7h836UALgegowPQUYb+9+lGG/vfpQAgA54HWggbl4FAB5+bv6UhB3Dn9KAHFRg8D8qAo2jgflSENg/N+lADYHzfpQA0KPPbgfdHb3Ncp8VAP+FY61wP9SP8A0Na6sA+e3zfwjt7muU+KYP8AwrHWuf8AliO3+2tAHXbR6D8qKMN/e/SigDmdUb/i5Hh7g/8AHlffzgro5W+QcH7y/wAxXPap/wAlJ8Pf9eV9/OCuil+4P95f5igB272NIrfL0NOpF+7QAm75+h6UM3yng0v8f4UN900AG72NMib5DwfvN/M1JTIvuH/eb+ZoAXd83Q9KGb5TwaX+L8KH+6aADd7GkVuvB606kXv9aADd7GkZvlPBp1I33TQAbvY0it14PWnUi9/rQAhb5hwaXd7Gg/eFLQBHC37iPg/dH8qcG5PB60kP+oj/AN0fypw6n60AIW+ZeDQW4PBpT95aU9DQA0N8o4NNDfv24P3R/M08fdFNH+vb/dX+ZoAVm6cHrS7vY0N2+tLQA1W+UcHpQG+Y8GlX7o+lA+8aAGSt8g4P3l/mKfu9jTZfuD/eX+Yp9ADVb5eho3fP0PSlX7tH8f4UAIzdOD1pd3saG7fWloA4nwcf+LhePOD/AMf9r/6SR12m75uh6Vxng7/koXj3/r/tf/SSOu0/i/CgBGb5TwaXd7Gh/umloAardeD1ppb9+vB+6f5inr3+tNP+vX/db+YoAVm+U8Gl3exob7ppaAGq3Xg9aC3zDg0q9/rQfvCgA3expkLfuI+D90fyqSmQ/wCoj/3R/KgBQ3Xg9aC3zLwaUd/rQfvLQAhbg8GgN8o4NOPQ0g+6KAGBv37cH7o/maczdOD1pB/r2/3V/mac3b60AIW4PBoVvlHB6U49DSL90fSgBA3zHg02VvkHB+8v8xTx9402X7g/3l/mKAHbvY0it8vQ06kX7tACbvn6HpQzdOD1pf4/wobt9aADd7GmRN8h4P3m/makpkX3D/vN/M0ALu+boelDN8p4NL/F+FD/AHTQAbvY0it14PWnUi9/rQAwt+/Xg/dP8xTmb5TwaQ/69f8Adb+YpzfdNABu9jSK3Xg9adSL3+tACFvmHBpd3saD94UtAHAfBFv+LP6Rwf8AWXX/AKVS13obrwetcH8EP+SP6P8A9dLr/wBKpa70d/rQAhb5l4NBbg8GlP3lpT0NADQ3yjg00N+/bg/dH8zTx90U0f69v91f5mgBWbpwetBbg8Glbt9aU9DQA1W+UcHpQG+Y8GlX7o+lA+8aAGSt8g4P3l/mKfu9jTZfuD/eX+YqtqOrWOkwCXUblIFY4QHlnPoqjlj7AE0m0ldlRjKcuWKuy0rfL0NU9R1ex0mNZdRuFgVvlQHlnPoqjlj7AE1l/bdb1cYsIP7HtT/y8XSB52H+zH0X6tk/7NWdP0Ky0+drlVe4vGGHu7l/MlYem49B7DA9q4amMitIanWqEKf8Z69lv83svxfdFZr3W9Y4sIP7HtT/AMvF0gedh/sx9F+rEn/Zqzp+hWWnztcqr3F44w93cv5krD03HoPYYHtWjRXn1Kk6jvJhKu+XkguVeXX1e7/LsgIyMHkViP4cFpK1x4euW0qZiWaNF3W8h/2oun4rtJ9a26KzTad0TTqzp/C9/ufqtmYp8SzacuzxNZmzX/n9gJktj7lusf8AwIY/2jW9FPHNEskLCSNxlXQ5DD1BqMjIweRWK/h0WkrXHh66bSpmO5o0XdbyH/ai6fiu0+9d1PGSWk9S2qFX+4/vj/mvx9EdArdeD1ppb9+vB+6f5isJPEk2mnZ4ns/sS5/4/YSZLY+5bGY/+BDH+0a3EljnaKWF1kjdCVdDkMOOQa9GFSFRXiznq0KlLWS0fXdP5j2b5TwaXd7GhvumlrQxGq3Xg9aC3zDg0q9/rQfvCgA3exo3expaKAGhuvB60FvmXg0o7/Wg/eWgBC3B4NAb5RwacehpB90UAMDfv24P3R/M1ynxTb/i2OtcH/Uj/wBDWusH+vb/AHV/ma5T4qf8kw1r/riP/Q1oA63d7GilooA5fVI1/wCFkeHhlv8Ajyvv4z6wV0UsS7By/wB5f4z6j3rn9Uz/AMLJ8PdP+PK+/nBXRS7tg6feX+YoAXyl9X/77P8AjSLEu3q//fZ/xp/ze1Iu7b2oAb5S7+r9P75/xoaJdvV/++z/AI075t/bpQ27aelACeUvq/8A32f8aZFEuw8v95v4z6n3qX5vb86ZFu2Hp95v5mgA8pd3V+n98/40NEu08v8A99n/ABp3zb+3Sht209KAE8pfV/8Avs/40ixLzy/X++f8af8AN7fnSLu56daAE8pfV/8Avs/40jRLtPL/APfZ/wAaf83t+dI27aelACeUvq//AH2f8aRYl55fr/fP+NP+b2/OkXdz060ANMS7hy//AH2f8aXyl9X/AO+z/jSnduHSl+b2/OgCKGJfITl/uj+M+n1pwiXJ5fr/AHz/AI0Q7vIj6fdH8qcN2T060ANMS7l5f/vs/wCNBiXB5f8A77P+NOO7cvSg7sHpQA0RLgcv/wB9n/GmiJfPbl/uj+M+p96kG7aOlNG7z26fdH8zQANEvHL9f75/xpfKX1f/AL7P+NK27jp1pfm9vzoAYsS7Ry/T++f8aBEu48v/AN9n/GnLu2jp0oG7celAEcsS7By/3l/jPqPen+Uvq/8A32f8aSXdsHT7y/zFP+b2oAYsS7er/wDfZ/xo8pd/V+n98/405d23tR82/t0oAa0S8cv1/vn/ABpfKX1f/vs/40rbuOnWl+b2/OgDiPB8YPxB8ectxf2v8R/59I67Tyl3dX6f3z/jXG+Ds/8ACwvHvT/j/tf/AEkjrtPm39ulADWiXaeX/wC+z/jWd/b2g/8AQasv/A1f/iq023bT0rjPh7oGkTfDHwvLLpNhJI+j2jM726EsTCmSTjk0Ab417Quf+J1Zdf8An9X/AOKpp17QvOX/AInVl90/8vq+3+1Ui+HNF5/4k2ndf+fVP8KafDmi+cv/ABJtO+6f+XVPUe1AA2vaFtP/ABOrL/wNX/4ql/t7Qf8AoNWX/gav/wAVSt4c0Xaf+JNp3/gKn+FL/wAI5ov/AEBtO/8AAVP8KAGLr2hc/wDE6suv/P6v/wAVQde0LcP+J1Zf+Bq//FU5fDmi8/8AEm07r/z6p/hQfDmi7h/xJtO/8BU/woAT+3tB/wCg1Zf+Bq//ABVMi17QvJTOtWX3R/y+r/8AFVL/AMI5ov8A0BtO/wDAVP8ACmQ+HNFMKf8AEm077o/5dU9PpQADXtC5/wCJ1Zdf+f1f/iqDr2hbh/xOrL/wNX/4qnDw5ovP/Em07r/z6p/hQfDmi7h/xJtO/wDAVP8ACgBp17QsH/idWX/gav8A8VQNe0LA/wCJ1Zf+Bq//ABVOPhzRcH/iTad/4Cp/hQPDmi7R/wASbTv/AAFT/CgCMa9oXnN/xOrL7o/5fV9/9qnNr2hcf8Tqy6/8/q//ABVA8OaL5zf8SbTvuj/l1T1PtTm8OaLx/wASbTuv/Pqn+FADTr2hYP8AxOrL/wADV/8AiqBr2hbR/wATqy6f8/q//FU4+HNFwf8AiTad/wCAqf4UDw5ou0f8SbTun/Pqn+FADRr2hbj/AMTqy/8AA1f/AIqmy69oW0Y1qy+8v/L6vqP9qpB4c0Xcf+JNp3/gKn+FNl8OaLsH/Em077y/8uqeo9qAF/t7Qf8AoNWX/gav/wAVSLr2hY/5DVl/4Gr/APFU/wD4RzRf+gNp3/gKn+FIvhzRdv8AyBtO/wDAVP8ACgBv9vaFv/5DVl0/5/V/+KobXtC4/wCJ1Zdf+f1f/iqd/wAI5ou//kDad0/59U/wobw5ovH/ABJtO6/8+qf4UAJ/b2g/9Bqy/wDA1f8A4qmRa9oW051qy+83/L6vqf8AaqX/AIRzRf8AoDad/wCAqf4UyLw5ouw/8SbTvvN/y6p6n2oAP7e0Ld/yGrLp/wA/q/8AxVDa9oW0/wDE6sv/AANX/wCKp3/COaLu/wCQNp3T/n1T/ChvDmi7T/xJtO/8BU/woAT+3tB/6DVl/wCBq/8AxVINe0Ln/idWXX/n9X/4qn/8I5ov/QG07/wFT/CkXw5ovP8AxJtO6/8APqn+FAEZ17QvOX/idWX3T/y+r7f7VObXtC2n/idWX/gav/xVB8OaL5y/8SbTvun/AJdU9R7U5vDmi7T/AMSbTv8AwFT/AAoAT+3tB/6DVl/4Gr/8VSLr2hc/8Tqy6/8AP6v/AMVT/wDhHNF/6A2nf+Aqf4Ui+HNF5/4k2ndf+fVP8KAGnXtC3D/idWX/AIGr/wDFUv8Ab2g/9Bqy/wDA1f8A4qlPhzRdw/4k2nf+Aqf4Uv8Awjmi/wDQG07/AMBU/wAKAOD+DOsaRb/CbSYrrVLWGVZLrcj3SqRm5lI4z6V3I17Quf8AidWXX/n9X/4quI+DGh6Xc/CXSZbnS7KaRpLrLyW6sxxcygckeldyPDmi8/8AEm07r/z6p/hQA069oW4f8Tqy/wDA1f8A4qg69oWD/wATqy/8DV/+Kpx8OaLuH/Em07/wFT/Cg+HNFwf+JNp3/gKn+FAGJfeJdRHxH0jQtOlsV06402TUJ5pIWld1R0UKjBwBkPncQ3TpWhZ+N/Dt+umPa6krLqsMs9mzROgkji/1jEso2gf7WK5jVp7Ox+OehW8s9vaCbQLi3t0dwgZzLHtRR3OAcAelYukfBe8tLLQ7e61Bf9H0y/sdQYXs8ygzrtVoY3+VQMnIATPvUxv7O/r+cv8AJDdue3p+n/BO6tviF4cvLeea0ubucQxrMUi025Z5ImJCyxoI90kZIPzoCvvWHrPxHM+kaRrPg+aOfTrnUrazmN9pdzH5yTSBQ8TuYxwM8gOOnTuzwV8PtQ0K88/VEtDJbaWNOt7hNTvLp5Mn5m2ynZCh2ofLVWwc/NgYOF4h04eEfhf4H8Mare2Z1ODVdPjEccv+u2TruKBgGYDIyccZq9OaK84/i9fw/PyJ1s/R/l/n+R6hNrOjQTvFcataRSocMj3aqVPoRniq83iXw/ApZ9Ytn9EiufMdvZVUksfYA1am0LSbiZ5Z9KsZZHOWd7dCzH1JIqrP4U0O5Uq2k2kTDlZYIxFIh9VdcMp9waiXNb3dzal7PnXtb8vW25UefWdZG2xhfR7QnP2i6+edv92POF+rZP8As1b0/QrLTpjcKr3F4ww93cuZJWHpuPQewwPaqr2+vaIN1tJ/bdmD/qZmCXKD/ZfhX7cNtPqxq3p2u2OpyvBDI0V1GMyWk6GOZPcoece4yD2NeLX9rf8Aef8AAPQqc/I/Y25OvL/7d1+/TsaNFFFYHAFFFFABRRRQAUUUUABGRg8isOXwylvM1x4fun0mcklo4xut5Cf70WQOe5UqT61uVjS+I457hrXQrd9VuVOG8lgsMZ/25T8o+gy3tTjzX93c6cP7a79lt17fO+n3kf8Ab8mnDZ4mtHsl7XsMjSWze5PWP/gQx/tGt+LyZ4llhk8yNxlXSQkMPUHNYZ8PXepKX8SXguIz/wAuNqTHbj2b+KT8Tj/ZrehhS2hSG3ijiiQYVIxtVR6ADpXtUPa2/eE4n2Fl7P4utvh+V9fXp2BYl55fr/fP+NBiXcOX/wC+z/jTl3c9OtB3bh0roOITyl9X/wC+z/jR5S+r/wDfZ/xp3ze350fN7fnQAwRLzy/X++f8aDEu5eX/AO+z/jTl3c9OtB3bl6UANMS4PL/99n/GgRLgcv8A99n/ABpx3YPSgbto6UARiJfPbl/uj+M+p965T4pxqPhjrRBb/Ujq5/vrXWjd57dPuj+ZrlPinn/hWOtdP9SP/Q1oA6zyl9X/AO+z/jRTvm9vzooA5nVG/wCLkeHuD/x5X3b3gro5W+QcH7y9vcVz2qf8lJ8Pf9eV9/OCuil+4P8AeX+YoAdu9j+VIrfL0P5U6kX7tADd3z9D09KVm+U8H8qX+P8AChvumgA3ex/KmRN8h4P3m7e5qSmRfcP+838zQAu75uh6elIzfKeD+VO/i/Ch/umgA3ex/KkVuvB6+lOpF7/WgA3ex/KkZvlPB/KnUjfdNABu9j+VNVuvB6+lPpF7/WgBC3zDg/lS7vY/lQfvCloAjhb9xHwfujt7U4NyeD19KSH/AFEf+6P5U4dT9aAGlvmHB/KlLcHg/lSn7y0p6GgBobgcH8qaG/ftwfujt7mnj7opo/17f7q/zNACs3Tg9fSl3ex/Khu31paAGq3yjg9PSgN8x4P5Uq/dH0oH3jQAyVvkHB+8vb3FP3ex/Kmy/cH+8v8AMU+gBqt8vQ/lSbvn6Hp6U5fu0fx/hQAjN04PX0pd3sfyobt9aWgDifBzf8XC8ecH/j/te3/TpHXabvm6Hp6Vxng7/koXj3/r/tf/AEkjrtP4vwoAazfKeD+Vc58OW/4tZ4U4P/IGs+3/AEwSulf7prnPhx/ySzwp/wBgWz/9EJQB0St14PX0ppb9+vB+6e3uKevf600/69f91v5igBWb5Twfypd3sfyob7ppaAGK3Xg9fSlLfMOD+VKvf60H7woAN3sfypkLfuI+D90dvapKZD/qI/8AdH8qAFDdeD19KQt8w4P5U4d/rQfvLQAhbg8H8qA3A4P5U49DSD7ooAYG/ftwfujt7mnM3Tg9fSkH+vb/AHV/mac3b60AIW4PB/KhW+UcHp6U49DSL90fSgBA3zHg/lTZW+QcH7y9vcU8feNNl+4P95f5igB272P5Uit8vQ/lTqRfu0AN3fP0PT0pWbpwevpS/wAf4UN2+tABu9j+VMib5DwfvN29zUlMi+4f95v5mgBd3zdD09KRm+U8H8qd/F+FD/dNABu9j+VIrdeD19KdSL3+tADC379eD909vcU5m+U8H8qQ/wCvX/db+YpzfdNABu9j+VNVuvB6+lPpF7/WgBC3zDg/lS7vY/lQfvCloA4D4Itj4P6Rwf8AWXXb/p6lrvQ3Xg9fSuD+CH/JH9H/AOul1/6VS13o7/WgBpb5hwfypS3B4P5Up+8tKehoAaG4HB/Kmhv37cH7o7e5p4+6KaP9e3+6v8zQArN04PX0oLcHg/lSt2+tKehoAarfKOD09KA3zHg/lSr90fSgfeNADJW+QcH7y9vcVU1PSNP1iJU1C1EpQ5jkGVkiPqrjDKfcEVcl+4P95f5in0mk1ZlQnKEuaDszmzb67o4zaudbtB/yxnIjuUH+y/Cv9G2n/aNW9O12x1OVoIZGiuoxmS0nQxzJ7lDzj3GQexrYX7tUdT0aw1hVTULZZSnMcgJV4z6q4wyn3BFcNTBxesNDrVenU/jKz7r9Vs/lbzbJ6KxGtdd0bm1k/tu0H/LGZhHcoP8AZfhX+jbT6satadrljqUrwQyNFdRjMlrOhjmT3KnnHuMg9jXnTpzpu0kEqEuXng+aPddPVbr5/I0aKKxpfEUc87W2hW76tcqcN5LAQxn/AG5T8o+gy3tUJNuyIp0p1PhX+S9XsvmbNY0viKOaZrbQ7d9WuFO1jCcQxn/blPyj6DLe1B8PXOpKX8S3vnof+XG1zHbj2b+KT8SB/s1vQwRW0KQ28SRRIMKkahVUegA6V3U8HKWs9DRuhS399/cv838rerMBdAudT+bxLdm4j/58bUGO3Hs38Un4kD/ZraiiitvKht4ViiRCFSNNqqMjgAdKnXv9aaf9ev8Aut/MV6NOlCmrRRz1K9SrpJ6dtl9wrN8p4P5Uu72P5UN900taGIxW68Hr6Upb5hwfypV7/Wg/eFABu9j+VG72P5UtFADQ3Xg9fSkLfMOD+VOHf60H7y0AIW4PB/KgNwOD+VOPQ0g+6KAGBv37cH7o7e5rlPim3/Fsda4P+pHb/bWusH+vb/dX+ZrlPip/yTDWv+uI/wDQ1oA63d7H8qKWigDmNUUf8LI8Pf8AXlffzgro5VGwf7y/zFc3qhk/4WR4e+Vc/Yr7+L3g9q6KUybB8ifeX+I+o9qAJdopFUbaTMv9xP8Avs/4UimXb9xP++z/AIUAO2jf+FDKNppuZd/3E6f3z/hQxl2/cT/vs/4UAP2imRKNh/3m/maXMv8AcT/vs/4UyIybD8ifeb+I+p9qAJNo3fhQyjaabmXd9xOn98/4UMZdp+RP++z/AIUAP2ikVRz9aTMv9xP++z/hSKZefkTr/fP+FAD9opGUbTSZl/uJ/wB9n/CkYy7T8if99n/CgB+0UiqOfrSZl/uJ/wB9n/CkUy8/InX++f8ACgBxUbhS7RTCZdw+RP8Avs/4UuZf7if99n/CgBIVHkR/7o/lTgoyfrUcJk8hPkT7o/iPp9KcDLk/InX++f8ACgBxUbloKjBppMu5fkT/AL7P+FBMuD8if99n/CgBwUbRTQo89v8AdH8zQDLgfIn/AH2f8KaDJ57fIn3R/EfU+1AEjKOPrS7RTGMvHyJ1/vn/AApcy/3E/wC+z/hQAqqNo+lAUbjTVMu0fInT++f8KAZdx+RP++z/AIUAEqjYP95f5in7RUUpk2D5E+8v8R9R7U/Mv9xP++z/AIUAKqjbRtG/8Kapl2/cT/vs/wCFGZd/3E6f3z/hQA5lHH1pdopjGXj5E6/3z/hS5l/uJ/32f8KAOM8HKP8AhYXjz/r/ALX/ANJI67TaN34VxPg8yf8ACwfHmFX/AI/7XPzf9OkftXaZl3fcTp/fP+FADmUbTXOfDlR/wqzwp/2BrP8A9EJXQsZdp+RP++z/AIVznw5Mn/CrfCuFXH9jWf8AF/0wT2oA6VVHP1ppUeev+6f5ihTLz8idf75/wppMnnr8ifdP8R9R7UASMo2ml2imMZdp+RP++z/hS5l/uJ/32f8ACgBVUc/WgqNwpqmXn5E6/wB8/wCFBMu4fIn/AH2f8KAH7RTIVHkR/wC6P5UuZf7if99n/CmQmTyE+RPuj+I+n0oAkCjn60FRuWmgy8/InX++f8KCZdy/In/fZ/woAcVGDQFG0U0mXB+RP++z/hQDLgfIn/fZ/wAKAAKPPb/dH8zTmUcfWowZPPb5E+6P4j6n2pzGXj5E6/3z/hQA4qMGhVG0fSmky4PyJ/32f8KFMu0fInT++f8ACgBwUbjTZVGwf7y/zFAMu4/In/fZ/wAKbKZNg+RPvL/EfUe1AEu0UiqNtJmX+4n/AH2f8KRTLt+4n/fZ/wAKAHbRv/ChlHH1puZd/wBxOn98/wCFDGXj5E6/3z/hQA/aKZEo2H/eb+Zpcy/3E/77P+FMiMmw/In3m/iPqfagCTaN34UMo2mm5l3fcTp/fP8AhQxl2n5E/wC+z/hQA/aKRVHP1pMy/wBxP++z/hSKZefkTr/fP+FAAVHnr/un+YpzKNpqMmTz1+RPun+I+o9qcxl2n5E/77P+FAD9opFUc/WkzL/cT/vs/wCFIpl5+ROv98/4UAOKjcKXaKYTLuHyJ/32f8KXMv8AcT/vs/4UAcH8EVB+D+kf9dLr/wBKpa70KOfrXA/BIyf8Kg0jaqkeZddWx/y9S+1d4DLz8idf75/woAcVG5aCowaaTLuX5E/77P8AhQTLg/In/fZ/woAcFG0U0KPPb/dH8zQDLgfIn/fZ/wAKaDJ57fIn3R/EfU+1AEjKOPrQVGDTWMvHyJ1/vn/CgmXB+RP++z/hQA5VG0fSgKNxpqmXaPkTp/fP+FAMu4/In/fZ/wAKACVRsH+8v8xT9oqKUybB8ifeX+I+o9qfmX+4n/fZ/wAKAFVRto2jf+FNUy7fuJ/32f8ACjMu/wC4nT++f8KAHMo4+tU9S0XT9XiVNQtllKHMcgJV4z6q4wyn3BFWmMvHyJ1/vn/CvK/CXiW+0X4bnWZBPrGo6hrb2KJfanLtLNdtCgBYOI1UHoq8helJpSfK+v8Aml+pcZypvng7Nf5P/I6HR9Mk1jWtb07WdRu76x0y5SGC3kcKJFaJZP3pUAyYLYAPGAMgnmuxhtobaNIbeJIokXCoihVUegA6V5Npfj690nUPFdxd6VYrfNrkVn5H9pHyy4t1Hyt5XmSE7eEjiZySBtxkiT/hLJ/E+qeAvEFl9u003+pz2V1Zi+mETiOObKtH8qn5lyCyBuBkDGBFOEI25Fvb8bf5l1a9SorTe19OnnotL6HrLKNppdopjGXafkT/AL7P+FLmX+4n/fZ/wrQxFVRz9aaVHnr/ALp/mKAZefkTr/fP+FNJk89fkT7p/iPqPagCRlG00u0UxjLtPyJ/32f8KXMv9xP++z/hQAqqOfrQVG4U1TLz8idf75/woJl3D5E/77P+FAD9oo2im5l/uJ/32f8ACjMv9xP++z/hQAoUc/WgqNy00GXn5E6/3z/hQTLuX5E/77P+FADiowaAo2imky4PyJ/32f8ACgGXA+RP++z/AIUAAUee3+6P5muU+Kaj/hWOtf8AXEf+hrXUgyee3yJ90fxH1PtXKfFMyf8ACsdayqgeSOjf7a+1AHYbRRTcy/3E/wC+z/hRQBzmqMP+Fk+Huf8Alyvv5wV0UrDYOf4l/mK57VP+Sk+Hv+vK+/nBXRS/cH+8v8xQA7cPWkVht606kX7tACbhv69qGYbTzS/x/hQ33TQAbh60yJhsPP8AE38zUlMi+4f95v5mgBdw39e1DMNp5pf4vwof7poANw9aRWHPPenUi9/rQAbh60jMNp5p1I33TQAbh60isOee9OpF7/WgBCw3Dml3D1oP3hS0ARwsPIj5/hH8qcGGTz3pIf8AUR/7o/lTh1P1oAQsNy80Fhg80p+8tKehoAaGG0c00MPPbn+EfzNPH3RTR/r2/wB1f5mgBWYcc96XcPWhu31paAGqw2jntQGG480q/dH0oH3jQAyVhsHP8S/zFP3D1psv3B/vL/MU+gBqsNvWjcN/XtSr92j+P8KAEZhxz3pdw9aG7fWloA4nwcw/4WF495/5f7X/ANJI67TcN/XtXGeDv+ShePf+v+1/9JI67T+L8KAEZhtPNc58OWH/AAqzwpz/AMwaz/8ARCV0j/dNc58OP+SWeFP+wLZ/+iEoA6JWHPPemlh568/wn+Yp69/rWVreqSWEltBZxCe/uy0dvGxIUYwWdyOiqOT68AcmplJQXMy6dOVSSjHc1GYbTzS7h61zi+F7e6Hma9PNq07ct57kRL7LEDtA/An1Jp3/AAhvhz/oCWP/AH5FcDx2ukfxOr2WHWjm/lHT8ZJ/gjoFYc896Cw3Dmuf/wCEN8Of9ASx/wC/Io/4Q3w5/wBASx/78il9ef8AL+P/AABezw388v8AwFf/ACR0O4etMhYeRHz/AAj+VYP/AAhvhz/oCWP/AH5FH/CG+HP+gJY/9+RR9ef8v4/8APZ4b+eX/gK/+SOgVhzz3oLDcvNc/wD8Ib4c/wCgJY/9+RR/whvhz/oCWP8A35FH15/y/j/wA9nhv55f+Ar/AOSOgLDB5oDDaOa5/wD4Q3w5/wBASx/78ij/AIQ3w5/0BLH/AL8ij68/5fx/4Aezw388v/AV/wDJG8GHntz/AAj+ZpzMOOe9c/8A8Ib4c/6Alj/35FH/AAhvhz/oCWP/AH5FH15/y/j/AMAPZ4b+eX/gK/8AkjoCwweaFYbRz2rn/wDhDfDn/QEsf+/Io/4Q3w5/0BLH/vyKPrz/AJfx/wCAHs8N/PL/AMBX/wAkdAGG4802VhsHP8S/zFYP/CG+HP8AoCWP/fkUf8Ib4c/6Alj/AN+RR9ef8v4/8APZ4b+eX/gK/wDkjodw9aRWG3rXP/8ACG+HP+gJY/8AfkUf8Ib4c/6Alj/35FH15/y/j/wA9nhv55f+Ar/5I6DcN/XtQzDjnvXP/wDCG+HP+gJY/wDfkUf8Ib4c/wCgJY/9+RR9ef8AL+P/AAA9nhv55f8AgK/+SOh3D1pkTDYef4m/mawf+EN8Of8AQEsf+/Io/wCEN8Of9ASx/wC/Io+vP+X8f+AHs8N/PL/wFf8AyR0G4b+vahmG081z/wDwhvhz/oCWP/fkUf8ACG+HP+gJY/8AfkUfXn/L+P8AwA9nhv55f+Ar/wCSOh3D1pFYc8965/8A4Q3w5/0BLH/vyKP+EN8Of9ASx/78ij68/wCX8f8AgB7PDfzy/wDAV/8AJG8WHnrz/Cf5inMw2nmuePhHSo/n02OTS5h92WxkMRH1UfK30YEVY0vU7oXsmkayYzeJH5sMyDat1FnBbHZgSAw9wRweNqOKjUfK1ZilQi4uVKV7bpqz9d3dfO/lY2tw9aRWHPPenUi9/rXYcghYbhzS7h60H7wpaAOA+CLAfB/SMn/lpdf+lUtd6rDnnvXB/BD/AJI/o/8A10uv/SqWu9Hf60AIWG5eaCwweaU/eWlPQ0ANDDaOaaGHntz/AAj+Zp4+6KaP9e3+6v8AM0AKzDjnvQWGDzSt2+tKehoAarDaOe1AYbjzSr90fSgfeNADJWGwc/xL/MU/cPWmy/cH+8v8xT6AGqw29aNw39e1Kv3aP4/woARmHHPevJPDngPxBeafpunavLeaDa6TqF3fBoJLaRriZ5i8DrkSgqqs+QwU7iuAcZHrjdvrS0utw6W/rt+p5B4f+Hn2rxv4mluNf1JZbLVYbq0v4zALgTPbYlLDyvLKlXUY2/w9u+lJ4Jm0XW/B+l6BZ311pmlalPqFxf3VxCwjEqS5X7wdjucfwng8knNdN4Y/5Gzxd/1/w/8ApNFXTfxfhTSS28vwt/kG6af9Xv8A5sRmG080u4etD/dNLQA1WHPPemlh568/wn+Yp69/rTT/AK9f91v5igBWYbTzS7h60N900tADVYc896Cw3DmlXv8AWg/eFABuHrRuHrS0UANVhzz3oLDcvNKO/wBaD95aAELDB5oDDaOacehpB90UAMDDz25/hH8zXKfFNh/wrHWuf+WI/wDQ1rrB/r2/3V/ma5T4qf8AJMNa/wCuI/8AQ1oA63cPWilooA5jVF/4uR4e5P8Ax5X384K6OVfkHJ+8v8xXOapu/wCFkeHun/Hlffzgro5d2wdPvL/MUAP2+5pFX5eppfm9qRd23tQAm35+p6UrL8p5NHzb+3Sht209KAF2/wC0aZEvyHk/eb+Zp/ze1Mi3bD0+838zQA7b83U9KRl+U8ml+bd26UNu2npQAu3/AGjSKvXk9aX5vakXdz060ALt/wBo0jL8p5NL83tSNu2npQAu3/aNNVevJ6075vakXdz060ABX5hyaXb/ALRpDu3DpS/N7UAMhX9xHyfuj+VOC8nk9abDu8iPp90fypw3ZPTrQAhX5hyaUrweTQd25elB3YPSgAC8Dk00L+/bk/dH8zThu2jpTRu89un3R/M0AOZenJ60u3/aNI27jp1pfm9qAEVflHJ6UBfmPJoXdtHTpQN249KAGyr8g5P3l/mKft9zTJd2wdPvL/MU/wCb2oARV+XqaTb8/U9KVd23tR82/t0oAGXpyetLt/2jSNu46daX5vagDivBw/4uF485P/H/AGv/AKSR12m35up6Vxfg7P8AwsLx50/4/wC1/wDSSOu0+bd26UAIy/KeTXOfDlf+LWeFOT/yBrP/ANEJXSNu2npXOfDnd/wqzwp0/wCQNZ/+iEoA6NV68nrWBCPO8d6g78m1sYI48/w73kZ/z2p/3zW+u7np1rBtfl8caur8M9nauvuN0w/mK48Z/C+Z14b4aj/u/wDt0f0NiiiivIMgqg+u6RHq40mTVbJNRKeYLNrhBMVxndszuxgE5xV+uDutE1aSafSE0pnWfWk1IawZYvLRBKsmCN3meYFXyxhcYx83Wqik3Z/1/W4Pa5vQeOvCV0JTa+KdFmEMZll8vUIm8tB1Y4bgDI5PrU1t4u8N3tnLd2fiHSri2hO2WaK9jZIzgnDMGwOATz6GsW/0HUp4PFixW246he28tt+8UeYqxQKx68YKN1x0+lZvjHTryPXGvv7OW8im1HTTBE0ijzmiMrMBk8MMjG7AzjkDJFWjdLvb8bf5ildbf1pc7E+JdCXRBrLa1pw0tjgXxu08gnO3HmZ29eOvXioLnxl4YsrS2urzxHpNvb3ilraaW+iVJwDglCWwwB9K5W80zxEGm1Oz0eaFr7VPtRggFpJfWKi2WLfGZX8hXYqdxy3yuRyScY1t4X8U6Y1m32fW9ynUVnl0qXTjK/nXCyIW88KmCMk7FUgjoBVckO/9W/z0v+APRXPUZtX023z9o1C1i2+XnfOq48w7Y+p/iPA9T0qKPxFos2tPo8WsWD6mmd1kt0hmXAycx53DjnpXF6L4V1rTdT0/UJbNFSx06wg/s+KRfLLosqOUJOQ8YkGNzFSCw5OGWG20PxNceKdKuLvT5ra10/Vpbh4IRZx2YR1mUSwhczMx3hnLsuS7EL2DdOClbmEm7XZ2mqeLfDmh3Ytda1/S9OuCgcQ3d7HE5U5AOGIOODz7VYXXtHfVl0pNVsW1Fk8xbMXKGYrjO7ZnOMc5xVPxBp91faj4fltYt6WepefOdwGxPImTPJ5+Z1GBzzXIW/hTXYvEckFxLq0tq2sNqSzxyWKWgUybxkmNrjeF+TA4IGNyqeIjGL6lS0V1/W/+X4/f23/CT6Dtv2/tvTsaadt6ftcf+inJGJOfk5BHOOlQxeM/C8+n3F/B4k0iSztiqz3CX8RjiLHChmDYXJ6Z61meCtPv9Kt7fTdR0NYX0+1NudVaWNjdnfnKAEvtb77b9p3Ho3UVItG1XTdJ0O5/st76bTL+5mksYpYxIyyNKFdC7BNwDg4LDgt3wKOWP9f1/wAMS2+ayOhvPFnhzTrS1utQ1/S7W3vF320097GiTrwcoScMORyPUVPd+ING0+a0iv8AV7G2kviBaJNcojXGcfcBPzdR0z1FeeXHh7xHbahY6jZ6fqtmsv295YNGlsWlt/PlidUb7QfLOdjM2zOG6Ejk2IPD2saZostgPDS3/wDaWjQaeFSeIR2hRXXZLvbJT5w2UEhzv4+7muSPKnfXtdef9XK6/wBf18jsL/xEbLVFgW2hlsxIkM979tiRLWRiPklViGDEMmwKGLFsHaME6011BbvGk88cTSkrGruAXIBYgZ64AJ+gNeby+CtcuJtWiu4Emtkv7O6s/wB8ubmRI7dHkYE8BBE2MnJLE44UnpPGvh698QtpMNlK0KQ3ErTyDaQEa3kTawPJViwU7SGwTgqeQnGN0k/6t/X/AA4jVPifQRJYxnW9ND6iA1kv2uPNyD0MYz8/4Zqz/aunAXhN/a4sP+Pv98v+j/Lu/ec/L8vPOOOa4nVdK1u7tdctR4eaV/EFrHEs32iHy7BhH5e1yWDFFbMilFYnceFNQ3nhHWJdR1WJLUSWes3YjvJGkT57dIoiCQTkhiksZHX95noM0uWNt/60C+39dDsrzxR4f04Wp1DXNNtReqGtfPu4089TjBTJ+Ycjp6irrahZIsxa8gUW8gimJlX925wQrc8E7lwD/eHrXl2reGPFdx4Z/sW106WAzaBDZtNZ/YwJZFiYNFcyS7nKgn5fKX+Nju5yujceD9euP7ZuEvL62S41G0nj05DbGKdEjtw7MxQuCDG4wHX7gwOeblTgr+9t/mKLbimztn8SaHHrY0Z9Z09dUYgCxN0gnORuH7vO7pz06VaOoWY09743cAs0Uu1wZB5aqOpLZwAMHJ9q8xh8QXt3DYa5L4a1SCwvNdhvRdNLalBFIot4jtE2/JzGSNvGT1xzGuheM38M6hosdvqxims7yFob57D7Md6v5YhaI+buLFf9Ycbd2ecUlS1Sbt/wyv8AmXa0rPb/AINv+D8z1oHIyOlFNjBWNQeoABp1YkrVBWL4gHlXui3ScSR36x5HdZEZWH05B+oFbVc74zsLbVrHT9NvoVngvL+OKSJs4ddrFhx/sg/lVQ+NeqOrC/xV8/ydzM1j4t+HLLxHa+HNGnbXNcu5xAlrZMGSMk8mSTooGCTjJGOld0q9eT1rwu//AGcbLSPFVprnhN0uLSKYNc6PfuSskZ4ZY5eoOM43Z5xlq9HHwt8Gc/8AFP23X++//wAVX0JwHXFfmHJpdv8AtGuQPwt8Gbh/xT9t/wB9v/8AFUv/AAqzwZ/0L9t/32//AMVQBn/BFf8Aiz+kcn/WXX/pVLXehevJ61498Ivh94X1b4XaXe6jo0E9xJJch5GZsnFxIo6H0AFdmPhb4M5/4p+26/33/wDiqAOtK/MOTSleDya5E/C3wZuH/FP23/fb/wDxVKfhZ4Mwf+Kftv8Avt//AIqgDrQvA5NNC/v25P3R/M1yg+FngzA/4p+2/wC+3/8AiqaPhb4M85h/YFtjaP439/8AaoA69l6cnrQV4PJrkT8LfBnH/FP23X++/wD8VSn4WeDMH/in7b/vt/8A4qgDrVX5RyelAX5jya5IfC3wZtH/ABT9t0/vv/8AFUg+Fvgzcf8Ain7b/vt//iqAOslX5ByfvL/MU/b7muPk+FvgwKMaBbfeH8b+o/2qd/wqzwZ/0L9t/wB9v/8AFUAdaq/L1NJt+fqelckvwt8GY/5F+2/77f8A+Ko/4Vb4M3f8i/bdP77/APxVAHXMvTk9aXb/ALRrkG+Fvgzj/in7br/ff/4ql/4VZ4M/6F+2/wC+3/8AiqAJvDK/8VZ4u5P/AB/w/wDpNFXT7fm6npWV4f8ADul+HLWWHRLKO0jlkLOqMxBIOM8k9q1fm3dulACMvynk07b/ALRpG3bT0pfm9qAEC9eT1ppX9+vJ+6f5inLu56daad3nr0+6f5igBzL8p5NLt/2jSNu2npS/N7UANVevJ60pX5hyaF3c9OtB3bh0oAXb/tGjb/tGj5vaj5vagBAvXk9aQr8w5NKN3PTrQd25elAAV4PJoC8Dk0Hdg9KBu2jpQA0L+/bk/dH8zXKfFMf8Wx1rk/6kf+hrXVjd57dPuj+ZrlPinn/hWOtdP9SP/Q1oA67b/tGij5vaigDmNUlj/wCFkeHj5i4+xX38XvBXRSzR7B+8T7y/xD1FYGqf8lJ8Pf8AXlffzgropfuD/eX+YoAPOi/56J/30KRZotv+sT/voVJSL92gBnnRb/8AWJ0/vChpotv+sT/voU/+P8KG+6aAG+dF/wA9E/76FMimj2H94n3m/iHqampkX3D/ALzfzNACedFu/wBYnT+8KGmi2n94n/fQp/8AF+FD/dNADfOi/wCeif8AfQpFmi5/eJ1/vCpKRe/1oAb50X/PRP8AvoUjTRbT+8T/AL6FSUjfdNADfOi/56J/30KRZouf3idf7wqSkXv9aAGGaLcP3if99Cl86L/non/fQpx+8KWgCGGaPyE/eJ90fxD0pwmiyf3idf7wpYf9RH/uj+VOHU/WgBhmi3L+8T/voUGaLB/eJ/30KefvLSnoaAIxNFgfvE/76FNE0fnt+8T7o/iHqalH3RTR/r2/3V/maAEaaLj94nX+8KXzov8Anon/AH0Kc3b60tAEazRbR+8Tp/eFAmi3H94n/fQp6/dH0oH3jQBFLNHsH7xPvL/EPUU/zov+eif99CiX7g/3l/mKfQBGs0W3/WJ/30KPOi3/AOsTp/eFPX7tH8f4UAMaaLj94nX+8KXzov8Anon/AH0Kc3b60tAHD+D5Yx8QfHmXUZv7XHPX/RI67Tzot3+sTp/eFcd4O/5KF49/6/7X/wBJI67T+L8KAGNNFtP7xP8AvoVznw5ljHwt8KgyKD/Y1n/F/wBMErpn+6a5z4cf8ks8Kf8AYFs//RCUAdAs0XP7xOv94Vha9FNFqFrrGlhZ57ZHjntwwBnhJBKjnG4EBhn3HeugXv8AWmn/AF6/7rfzFRUgqkXFmtKq6U+Zf8OuqM7TNWstXtvO0+dZQOHTo8Z/usp5U+xq5VXUfD2k6pL599p8Es6jAm24kA9Nw5x+NVf+EN0L/nzf/wACJf8A4qvNeCnfRo6L4Z63kvKyf43V/uRqUVlL4N0Pn/Q36/8APxL/APFUHwboe4f6G/8A4ES//FUvqVTuv6+Qf7N/NL/wFf8AyRq1HLbwz7PPiSTy3DpvUHaw6MM9D71n/wDCG6F/z5v/AOBEv/xVNi8HaG0KE2jklQT/AKRL/wDFUfUqndf18g/2b+aX/gK/+SNaisoeDdC5/wBDfr/z8S//ABVB8G6HuH+hv/4ES/8AxVH1Kp3X9fIP9m/ml/4Cv/kjVorLPg3QsH/Q3/8AAiX/AOKpB4N0LA/0N/8AwIl/+Ko+pVO6/r5B/s380v8AwFf/ACRq0VkjwdofnMPsj4Cg/wDHxL7/AO1SnwboXH+hv1/5+Jf/AIqj6lU7r+vkH+zfzS/8BX/yRq0VlnwboWD/AKG//gRL/wDFVzOpeHNNi+JXhyxjimW1udPv5Johcy7XZGttpPzdt7fmaPqVTug/2b+aX/gK/wDkjuqKyh4N0Pcf9Df/AMCJf/iqSTwdoYUYtH+8B/x8S+o/2qPqVTuv6+Qf7N/NL/wFf/JGtRWX/wAIboX/AD5v/wCBEv8A8VSL4N0Ij/jzf/wIl/8AiqPqVTuv6+Qf7N/NL/wFf/JGrRWV/wAIboe//jzfp/z8S/8AxVDeDdD4/wBDfr/z8S//ABVH1Kp3X9fIP9m/ml/4Cv8A5I1aKy/+EN0L/nzf/wACJf8A4qmx+DtDKnNo/wB4j/j4l9T/ALVH1Kp3X9fIP9m/ml/4Cv8A5I1qKyv+EN0Ld/x5v0/5+Jf/AIqhvBuhhTizf/wIl/8AiqPqVTuv6+Qf7N/NL/wFf/JGrRWX/wAIboX/AD5v/wCBEv8A8VSDwbofP+hv1/5+Jf8A4qj6lU7r+vkH+zfzS/8AAV/8kXry9ttPtXub64jt4UGWklYKB+JrJ08nWdWTWJwYbK2RlsYpRteRm4aYqeV4+VQecFieoq5a+F9Fsr+OeDTofOVSVlkBkZTkdC2SPwrYb7prejhOSXNNidWnTi1Su29LvTTrZXf3326DfOi/56J/30KRZouf3idf7wqSkXv9a7zjGGaLcP3if99Cl86L/non/fQpx+8KWgDz/wCCUsa/CDSAzqD5l1wT/wBPUtd4Jouf3idf7wrhfgh/yR/R/wDrpdf+lUtd6O/1oAYZoty/vE/76FBmiwf3if8AfQp5+8tKehoAjE0WB+8T/voU0TR+e37xPuj+IepqUfdFNH+vb/dX+ZoARpouP3idf7woM0WD+8T/AL6FPbt9aU9DQBGs0W0fvE6f3hQJotx/eJ/30Kev3R9KB940ARSzR7B+8T7y/wAQ9RT/ADov+eif99CiX7g/3l/mKfQBGs0W3/WJ/wB9Cjzot/8ArE6f3hT1+7R/H+FADGmi4/eJ1/vCl86L/non/fQpzdvrS0AQxTR7D+8T7zfxD1NO86Ld/rE6f3hSxfcP+838zTv4vwoAY00W0/vE/wC+hS+dF/z0T/voU5/umloAjE0XP7xOv94U0zR+ev7xPun+IeoqVe/1pp/16/7rfzFACNNFtP7xP++hS+dF/wA9E/76FOb7ppaAI1mi5/eJ1/vCgzRbh+8T/voU9e/1oP3hQA3zov8Anon/AH0KPOi/56J/30KfRQBGJouf3idf7woM0W5f3if99Cnjv9aD95aAGGaLB/eJ/wB9CgTRYH7xP++hUh6GkH3RQBEJo/Pb94n3R/EPU1ynxTljPwx1oB1J8kdD/trXXD/Xt/ur/M1ynxU/5JhrX/XEf+hrQB1fnRf89E/76FFPooA5nVB/xcnw9yf+PK+/nBXRSj5ByfvL/MVzmqE/8LI8PfL/AMuV9394K6OUnYPl/iXv7igB+Pc0ij5eppcn+7+tIpO37v60AGPn6npQw+U8mkyd/wB3t60rE7T8v60ALj3NMiHyHk/eb+Zp+T/d/WmRE7D8v8Td/c0AO2/P1PShh8p5NGTu+729aRidp+X9aAHY9zSKOvJ60uT/AHf1pFJ5+Xv60ALj3NIy/KeTS5P939aRidp+X9aAFx7mkUdeT1pcn+7+tNUnn5e/rQApHzDk0uPc0hJ3D5f1pcn+7+tADIR+4j5P3R/KnAcnk9abCT5Efy/wjv7U4E5Py9/WgAI+ZeTQRweTSEncPl/WlJOD8v60AAHyjk00D9+3J+6P5mnAnA+X9aaCfPb5f4R39zQA5l6cnrS49zSMTx8vf1pcn+7+tACKPlHJ6UAfMeTQpO0fL29aATuPy/rQA2UfIOT95f5in49zTJSdg+X+Je/uKfk/3f1oARR8vU0Y+fqelCk7fu/rSZO/7vb1oAVh05PWlx7mkYnj5e/rS5P939aAOK8HD/i4Xj3k/wDH/a/+kkddpt+fqelcX4OJ/wCFhePOP+X+17/9Okddpk7vu9vWgAYfKeTXOfDkf8Ws8Kcn/kDWf/ohK6Jidp+X9a5z4ck/8Ks8KfL/AMwaz7/9MEoA6RR15PWmkfv15P3T/MU5Sefl7+tNJPnr8v8ACe/uKAHMvynk0uPc0jE7T8v60uT/AHf1oARR15PWgj5hyaRSefl7+tKSdw+X9aAFx7mmQj9xHyfuj+VPyf7v60yEnyI/l/hHf2oAcq9eT1oI+ZeTQCefl7+tISdw+X9aAFI4PJoA+Ucmgk4Py/rQCcD5f1oAaB+/bk/dH8zTmXpyetNBPnt8v8I7+5pzE8fL39aAAjg8muW8S6Drl54j0fWvDt1YRT6fbXMDpfo7KwmMJyNhByPK/WupJOD8v60KTtHy9vWgDkRF8Rdx/wBK8Mf9+Lj/AOLpJIviLtGbrwz94f8ALC49R/t114J3H5f1pspOwfL/ABL39xQByvlfEX/n68Mf9+Lj/wCLpFi+IuP+Prwx/wB+Lj/4uuuyf7v60ik7fu/rQByPlfEXd/x9eGOn/PC4/wDi6Gi+IvH+leGOv/PC4/8Ai663J3/d7etKxPHy9/WgDk/K+I3/AD9eGP8Avxcf/F0yOL4i7Ti68M/eP/LC49T/ALddhk/3f1pkROw/L/E3f3NAHKeV8Rd3/H14Y6f88Lj/AOLpGi+Iu05uvDH/AH4uP/i667J3fd7etIxO0/L+tAHKeV8Rv+frwx/34uP/AIumiL4i8/6V4Y6/88Lj/wCLrr8n+7+tIpPPy9/WgDkDF8RfOX/SvDOdp/5YXHt/t05oviLtP+leGP8Avxcf/F11ZJ89fl/hPf3FOYnafl/WgDk/K+I3/P14Y/78XH/xdNEXxF5/0rwx1/54XH/xddfk/wB39aapPPy9/WgDkjF8Rdw/0rwx/wB+Lj/4uneV8Rv+frwx/wB+Lj/4uusJO4fL+tLk/wB39aAPHfhFH43Pwu0s6RcaCtp5lzsFzDMZM/aJM5KsB1zj2xXaCL4i8/6V4Y6/88Lj/wCLrP8AgiT/AMKf0jj/AJaXXf8A6epa70E8/L39aAORMXxF3D/SvDH/AH4uP/i6UxfEXB/0rwx/34uP/i66xmIIJGPxrGl8YaKkjxx3ZuWU4b7JC84U+hMakA1Mpxj8Tsa06NSr/Di36K5mCL4i4H+leGP+/Fx/8XTRF8RfOb/SvDOdo/5YXHv/ALdaY8Y6Tj/l+/8ABdcf/G6aPGGleaxxfYKgf8g649/+mdR7al/MvvNfqeJ/59y+5lAxfEXj/SvDHX/nhcf/ABdBi+IuD/pXhj/vxcf/ABdaJ8Y6Sf8An+6/9A64/wDjdB8ZaTj/AJfv/Bdcf/G6PbUv5l94fU8T/wA+5fczOEXxF2j/AErwx0/54XH/AMXSCL4i7j/pXhj/AL8XH/xdaQ8Y6SAP+P7/AMF1x/8AG6QeMdJ3H/j+/wDBdcf/ABuj21L+ZfeH1PE/8+5fczNki+Iu0ZuvDP3h/wAsLj1H+3T/ACviL/z9eGP+/Fx/8XV6TxhpTKABffeB/wCQdcev/XOnf8JlpP8A0/f+C64/+N0e2pfzL7w+p4n/AJ9y+5mcsXxFx/x9eGP+/Fx/8XSeV8Rd3/H14Y6f88Lj/wCLrSHjHSQP+X7/AMF1x/8AG6T/AITHSd2f9O6f9A64/wDjdHtqX8y+8PqeJ/59y+5mc0XxF4/0rwx1/wCeFx/8XVHXdT8f+H9Du9WvJfD8ltZx+bMILW4ZlQfebG/kKMse+AcZPFb58Y6Scf8AH91/6B1x/wDG6H8XaNLG0ciXrowKsrabcEEHsR5dHtqX8y+8PqeJ/wCfcvuZxPhP4yaZqN2NMvtRs9S1G7vEhsItHgk/fK6qxdg5ygXcclsY2njivU9vz9T0rwH4XeB9G8EfEjX9cuEvGtUkMWjZ0+4YrE/zMx+TIIBCZ7/N2Ir2L/hMdJ3Z/wBO6f8AQOuP/jdHtqX8y+8PqeJ/59y+5m4w+U8mlx7msFvGOklSP9O/8F1x/wDG6X/hMtJ/6fv/AAXXH/xuj21L+ZfeH1PE/wDPuX3M3FHXk9aaR+/Xk/dP8xWIPGOkjP8Ax/df+gdcf/G6Q+MNK81Ti+wFI/5B1x7f9M6PbUv5l94fU8T/AM+5fczeZflPJpce5rCPjHSSp/4/v/Bdcf8Axuj/AITLSf8Ap+/8F1x/8bo9tS/mX3h9TxP/AD7l9zNxR15PWgj5hyawh4x0kZ/4/uv/AEDrj/43QfGOk5H/AB/f+C64/wDjdHtqX8y+8PqeJ/59y+5m9j3NGPc1hf8ACZaT/wBP3/guuP8A43R/wmWk/wDT9/4Lrj/43R7al/MvvD6nif8An3L7mbir15PWgj5l5NYY8Y6SM/8AH91/6B1x/wDG6tWHiHS9UuPJsruN51GTA2UkA9djYbH4U1VpydlJEywuIguaUGl6M0iODyaAPlHJoJOD8v60AnA+X9a0OcaB+/bk/dH8zXKfFMf8Wx1rk/6kf+hrXVgnz2+X+Ed/c1ynxTJ/4VjrXH/LEd/9taAOux7mijJ/u/rRQBzWqEf8LJ8Pc/8ALlffzgropSNg5/iX+YrndUA/4WT4e4/5cr7+cFdFKBsHH8S/zFAEmR601SNvWlwPSkUDb0oAMjf17UMRtPNGBv6dqGA2nigB2R61HERsPP8AE38zT8D0pkQGw8fxN/M0AOyN3XtQ5G080YG/p2ocDaeKAHZHrTVI5570uB6Uigc8d6AHZHrTWI2nmlwPSkYDaeKAHZHrTVI5570uB6Uigc8d6AAkbhzTsj1ppA3DilwPSgBkJHkR8/wj+VPBGTz3pkIHkR8fwj+VPAGTx3oAQkbl5pSRg80hA3LxSkDB4oAARtHNMBHntz/Cv8zTwBtHFMAHntx/Cv8AM0AOYjjnvTsj1prAccd6XA9KABSNo57UgI3HmlUDaOO1IANx4oAbKRsHP8S/zFSZHrUcoGwcfxL/ADFPwPSgBFI29aMjf17UKBt6UYG/p2oAGI45707I9aawHHHelwPSgDivBxH/AAsLx7/1/wBr/wCkkddpkbuvauL8HAf8LC8e/wDX/a/+kkddpgb+nagAcjaea5z4cEf8Ks8Kc/8AMGs//RCV0bgbTxXOfDgD/hVnhTj/AJg1n/6ISgDo1I55700keevP8LfzFOUDnjvTSB568fwt/MUAOYjaeadketNYDaeKXA9KAEUjnnvQSNw5oUDnjvQQNw4oAdketRwkeRHz/CP5U/A9KZCB5EfH8I/lQA4Ec896CRuXmgAc8d6CBuXigBSRg80AjaOaCBg8UADaOKAGAjz25/hX+ZpzEcc96aAPPbj+Ff5mnMBxx3oAUkYPNCkbRz2oIGDxQoG0cdqAEBG4802UjYOf4l/mKcANx4psoGwcfxL/ADFAEmR601SNvWlwPSkUDb0oAMjf17UMRxz3owN/TtQwHHHegB2R61HERsPP8TfzNPwPSmRAbDx/E38zQA7I3de1DkbTzRgb+nahwNp4oAdketNUjnnvS4HpSKBzx3oAaSPPXn+Fv5inMRtPNNIHnrx/C38xTmA2nigB2R601SOee9LgelIoHPHegAJG4c07I9aaQNw4pcD0oA4L4Ikf8Kf0jn/lpdf+lUtd4COee9cF8EQP+FP6Rx/y0uv/AEqlrvQBzx3oA5u6Q+J9XubOYn+x7FhFLGpx9qmwCVb1RQRx3JIPAwdyKKOCJYoUWONRhUQYAHoBWP4U50SRz96S+u2Y+p+0SVtV8/Um5zcmehiW4zdFfDHT5rd+r/4GyCiiioOUKKKKACiiigAorn9W8X22k3lxE2n391BZIsl9d26IY7NSM5fLhm+X5iEViByRyKrnxsV1q70+Tw7qyC0g+1SXJe1MXk/PtkGJixDeW2Btz0yBT5Xa4HUUVyH/AAsS2gtZrjVNC1fTo47IXymYQSGWLcq5URSuc5ccHBq7F4vV4bxZdE1aC/tRG39nNFG88qyEqjrsdk2lgwJZht2kttHNVyS7f1sJNPY6KiuT/wCE+j2iIaBq51D7f9gOnf6OJRJ5PnZ3GXyyvljOQ59OtSJ4+097WJxZX3nSRzFbYpH5nmRzLA0Od+0uZHCghtvU7sc0ezl2/rcHorv+uh1FFc7qHjBdMvliudD1b7L58NtJfiKMQxySlVUYLh2GXUFkVlBJGeDi/rOtrpBt4o7G61G7umIhtLTZvcKMs2ZGVQAMclh1AGSQKnlYGnRXJT+P0RbBrPw9rF8t9KbeMw/Zk2Trv3wsJJlIZfLfJxt44Y5qxH41jbVhaSaLqcVubz7D9ubyDCJsZ24WUydeM7Me+OafK9geiu/6/qz+46WiuZg8bR3ZU2miapNFcKxsJgIFS/28kRlpRjIBYeZsyASM02y8ay3+lC9t/C2uEyTGGGDbbs0pUsGORMUQKUIy7Lk4AySBRySC6vY6iis7Qdah1/ShewQXFtiWSGSC5UCSKSNyjqdpI4ZTyCQexrRqWmnZgFFFFAwooooAKp6lpVnq0AjvItxQ7opVO2SJv7yMOVPuKuUUFRnKEuaLszN0G/uH+16ZqcnmXtgVDTYA8+NgSkmB0JwQf9pT2rZBG0c1gIMePeP49MO732yjH/oR/Ot8AbRxXt4abnSTZWKS51JK10n/AJ/iMBHntz/Cv8zXKfFQj/hWOtc/8sR/6GtdWAPPbj+Ff5muU+KgH/Csda4/5Yj/ANDWug5Tr8j1opMD0ooA5jVEb/hZHh7943/Hlfc4HrB7V0UqNsH71/vL2HqPauf1Qn/hZPh7j/lyvv5wV0UpOwcfxL/MUAL5bf8APV/yH+FIqNt/1r/kP8Kfk/3aRSdv3aAG7G3/AOtfp6D/AAoZG2/61/yH+FOyd/TtQxO08UAJ5bf89X/If4UyJG2H96/3m7D1PtUuT/dpkROw8fxN/M0AGxt3+tfp6D/Chkbaf3r/AJD/AAp2Tv8Au9qGJ2nigBPLb/nq/wCQ/wAKRUbn96/X0H+FPyf7tIpPPHegBPLb/nq/5D/CkZG2n96/5D/Cn5P92kYnafloATy2/wCer/kP8KRUbn96/X0H+FPyf7tIpPPHegBpRtw/ev8AkP8ACl8tv+er/kP8KUk7hxS5P92gCKFG8hP3r/dHYen0pwRsn96/X0H+FEJPkR8fwj+VOBOT8vegBpRty/vX/If4UFGwf3r/AJD/AApxJ3LxQScHigBoRsD96/5D/CmhG89v3r/dHYep9qkBO0fLTQT57cfwj+ZoAGRuP3r9fQf4Uvlt/wA9X/If4UrE8fL3pcn+7QAxUbaP3r9PQf4UBG3H96/5D/CnKTtHHagE7jxQBHKjbB+9f7y9h6j2p/lt/wA9X/If4UkpOwcfxL/MU/J/u0AMVG2/61/yH+FGxt/+tfp6D/CnKTt+7Rk7+nagBrI3H71+voP8KXy2/wCer/kP8KVieOO9Lk/3aAOI8HoT8QfHn7xh/p9r2HP+iR+1dpsbd/rX6eg/wrjfBxP/AAsLx7x/y/2v/pJHXaZO/wC72oAayNtP71/yH+Fc58OUY/C3wr+8Yf8AEms+MD/ngntXSsTtPFc58OSf+FWeFOP+YNZ/+iEoA6FUbn96/X0H+FNKN56/vX+6ew9R7VIpPPHemknz14/hP8xQAMjbT+9f8h/hS+W3/PV/yH+FKxO0/LS5P92gBio3P71+voP8KCjbh+9f8h/hTlJ5470EncOKAE8tv+er/kP8KZCjeQn71/ujsPT6VLk/3aZCT5EfH8I/lQABG5/ev19B/hQUbcv71/yH+FOUnn5e9BJ3LxQA0o2D+9f8h/hQEbA/ev8AkP8ACnEnB4oBO0fLQBGEbz2/ev8AdHYep9qcyNx+9fr6D/CgE+e3H8I/macxPHy96AGlGwf3r/kP8KFRto/ev09B/hTiTg8ViX/jLQ9KvXsr+98q4iA3p5TtjIBHIBHQigDZCNuP71/yH+FNlRtg/ev95ew9R7Vz4+IXhncf+Jj/AOQJP/iabJ8QfDJUY1H+Jf8AlhJ6j/ZoA6Xy2/56v+Q/wpFRtv8ArX/If4Vz3/CwvDP/AEEf/IEn/wATSL8QvDOP+Qj/AOQJP/iaAOi2Nv8A9a/T0H+FDI3H71+voP8ACud/4WF4Z3/8hHt/zwk/+Job4heGeP8AiY9/+eEn/wATQB0flt/z1f8AIf4UyJG2H96/3m7D1PtWB/wsLwz/ANBH/wAgSf8AxNMj+IPhkKc6j/E3/LCT1P8As0AdJsbd/rX6eg/woZG2n96/5D/Cud/4WF4Z3f8AIR7f88JP/iaG+IXhkqf+Jj/5Ak/+JoA6Py2/56v+Q/wpFRuf3r9fQf4Vz3/CwvDP/QR/8gSf/E0g+IXhnn/iY9/+eEn/AMTQB0BRvPX96/3T2HqPanMjbT+9f8h/hXNn4g+GfOU/2j/Cf+WEnt/s05viF4Z2n/iY/wDkCT/4mgDo/Lb/AJ6v+Q/wpFRuf3r9fQf4Vj6f4y0PVb+OzsL3zbiXOxPKdc4BJ5IA6A1tKTzx3oAaUbcP3r/kP8KXy2/56v8AkP8AClJO4cUuT/doA4D4JIT8INIIkYfvLrgAf8/UvtXeBG5/ev19B/hXCfBEn/hT+kcf8tLr/wBKpa71Sefl70Ac/wCFz5VjeWTH97aahco47/NK0in8UdT+NbVZGq6dfW+qDV9ERZJ3QR3Vo77VuUHQg/wuuTgngjg9iIx4s02P5b8XWnyjrFdWzoR9Dgq31UkV4ValKnJ32PTqU5YiXtaSvfVpbp9dO19ntbzubdFYv/CYaD/0EU/74b/Cj/hMNB/6CKf98N/hWBn9UxP/AD7l9zNqisX/AITDQf8AoIp/3w3+FH/CX6D/ANBBP++G/wAKA+qYn/n3L7mbVFYv/CYaD/0EU/74b/Cj/hMNB/6CKf8AfDf4UB9UxP8Az7l9zKOs+ErvUbnUkstUjs7DWEEepQtaeZI42bCYn3gISgCksr9AQB3u3HhtZtS1G6S52Le6YmniPy8+WFMp3Zzz/renH3evNL/wmGg/9BFP++G/wo/4S/Qf+ggn/fDf4VTk3Hl6DWFxS+xL7n5f5Iw/FfhWeTQGa0uJpJodMXT1WCLLn97GfMXrgjZ0wf0qW+8FajqlreS6hrcL6ldLBEZIrNo7doYnZvKkiEu51be4YeYAwIGAMg6//CYaD/0EU/74b/Cj/hMNB/6CKf8AfDf4U/aS/r1v+ZMcFiI7U5fc/Q5J/hNGLEwQzaLsbUV1BrSXQ1az3/ZzCyiBZF+XncMsSCOS3WtG0+HSQ/YJpb6EXWnw3CWslraeStq8kiODCu5vLRQm3ZkhlYgnBIO5/wAJhoP/AEEU/wC+G/wo/wCEv0H/AKCCf98N/hVe1n3/AKtb8geDxDVnTl9z73Oc1T4bS6vrcmoX2o2Mz/aYbqCabTfMubdo2RvLjlaQ7ISUb5FVT85+Y856XW9Gur66s7/Sb2Gy1Gz3rHLcWxnjZHA3qyB0J+6pBDDBUdRkVGvjPw+zMq6nGSpwwCtwffinf8JhoP8A0EU/74b/AAqeeVkuw/qmJ39nL7mVrbwiLe10lDfNJLY6jJqM8rRAfaJZFlD4APyDdMSOuAAOetZH/CuT/wAJZLrAn0lBJffbDNHpO2+A4zH9p837pxtI2cqSO+a6D/hMNB/6CKf98N/hR/wl+g/9BBP++G/wo55J3B4TEyVnTl9z8/8ANmF4a+Glj4a1iC5totHENnv+zPDo8cd2QQRiW4JJfAJGVVCeMk8gz6j4Gmu/D1lpkWoW7rbXMs8kV9ZtPbXSuztskhEi7tpcEZbGVBxnGNb/AITDQf8AoIp/3w3+FH/CYaD/ANBFP++G/wAKbqSe7F9TxF7+zl9zE8J+G4/CmhnTIJUkhFxLNGI4FhVBI5faFXgAFiBgDjHFbdYv/CYaD/0EU/74b/Cj/hL9B/6CCf8AfDf4VLk27sf1PEf8+5fczaorF/4TDQf+gin/AHw3+FH/AAmGg/8AQRT/AL4b/CpD6pif+fcvuZtUVi/8JfoP/QQT/vhv8KP+Ev0H/oIJ/wB8N/hQH1TE/wDPuX3M2qKxf+Ew0H/oIp/3w3+FNbxBJf4i8PWM95K3AnmiaG3j9yzAFvooJ+nWqScnZB9Ur/ai0u70X3sfADc+OrlomIW009I5GGPvSOWC/XCA/wDAhW6EbA/ev+Q/wqlpGlrpNk6F2nuJnM1zcMADNIerY7DAAA7AAVfBO0fLXt0Kbp01F7mGInGc7Q2SS+7/ADZGEbz2/ev90dh6n2rlPimjD4Y61mRj+5HUD++vtXWgnz24/hH8zXKfFMn/AIVjrXH/ACxH/oa1uc51nlt/z1f8h/hRTsn+7RQBzWqEf8LJ8Pc/8uV9/OCuilI2Dn+Jf5iud1QD/hZPh7gf8eV9/OCuilUbBwPvL29xQBJketNUjb1pdo9B+VIqjb0H5UAGRv69qGI2nmjA39B0oZRt6D8qAHZHrUcRGw8/xN/M0/aPQflTIlGw8D7zdvc0AOyN3XtQ5G080bRu6Dp6UMBtPAoAdketNUjnnvS7R6D8qRVHPA6+lADsj1prEbTzS7R6D8qRlG08D8qAHZHrTVI5570u0eg/KkUDngdaAAkbhzTsj1ppUbhwPypdo9B+VADISPIj5/hH8qeCMnnvTIVHkR8D7o7e1OCjJ4HX0oACRuXmlJGDzSEDcvApSoweB+VAACNo5pgI89uf4V/maeFG0cD8qYFHntwPujt7mgBzEcc96dketNZRxwOvpS7R6D8qABSNo57UgI3HmhVG0cDp6UBRuPA/KgBspGwc/wAS/wAxUmR61HKo2DgfeXt7in7R6D8qAEUjb1oyN/XtQqjb0H5UYG/oOlAAxHHPenZHrTWUccDr6Uu0eg/KgDivBxH/AAsLx7/1/wBr/wCkkddpkbuvauL8HAf8LC8e8f8AL/a/+kkddptG7oOnpQAORtPNc58OCP8AhVnhTn/mDWf/AKISujYDaeBXOfDgD/hVnhTgf8gaz/8ARCUAdGpHPPemkjz15/hb+YpyqOeB19KaVHnrwPunt7igBzEbTzTsj1pCox0FVNT1TTdFsjeaxfWmn2wYKZ7qZYkBPQbmIGaALSkc896CRuHNNheGeFJoGSSKRQ6OhBVgRkEEdRT9o9BQAuR61HCR5EfP8I/lT9o9B+VARVUAAYAwKAEBHPPegkbl5pdo9BRtHoKAAkYPNAI2jmjaPQUbR6CgBgI89uf4V/macxHHPemTSQW0MlxcPHFGi7nkkYKqqO5J4AojlgnaQQyRyGJ9kgRgdjYBwfQ4IOPcUASEjB5rm9CI/wCE58Tc9rT/ANFGuk2j0FV4NOtLe9ubuGELPdbPOfJO/aMLx0GB6UATgjceabKRsHP8S/zFP2j0FBRSOQOuaAFyPWmqRt60u0eg/KjaB2FACZG/r2oYjjnvS7R6CjaPQUALketRxEbDz/E38zT9o9B+VARQOAOuaAEyN3XtQ5G080u0ego2g9hQAuR601SOee9LtHoPyqpqWqaZotkbzWL610+2DBTPdTLEgJ6DcxAzQBYJHnrz/C38xTmI2nmmxPDcRRzwMksbqGSRCCrKeQQR1B45pzKNp4H5UAc5rZH/AAnXhjn/AJ+//RQro1I5571zmtgf8J14Y4H/AC9/+ihXRqBzwOtAASNw5p2R600qNw4H5Uu0eg/KgDgvgiR/wp/SOf8Alpdf+lUtd4COee9cF8EQP+FP6RwP9Zdf+lUtd6FHPA6+lAASNy80pIweaQgbl4FKVGDwPyoAARtHNMBHntz/AAr/ADNPCjaOB+VMCjz24H3R29zQA5iOOe9KSMHmkZRxwOvpSlRg8D8qABSNo57UgI3HmhVG0cDp6UBRuPA/KgBspGwc/wAS/wAxUmR61HKo2DgfeXt7in7R6D8qAEUjb1oyN/XtQqjb0H5UYG/oOlAAxHHPenZHrTWUccDr6Uu0eg/KgDmPDBH/AAlni7n/AJf4f/SaKumyN3XtXM+GAP8AhLPF3A/4/wCH/wBJoq6baN3QdPSgAcjaeadketNYDaeBS7R6D8qAEUjnnvTSR568/wALfzFOVRzwOvpTSo89eB909vcUAOYjaeadketNZRtPA/Kl2j0H5UAIpHPPegkbhzQoHPA60FRuHA/KgB2R60ZHrSbR6D8qNo9B+VACAjnnvQSNy80BRzwOvpQQNy8CgBSRg80AjaOaCoweB+VAUbRwPyoAYCPPbn+Ff5muU+KhH/CsNa/64j/0Na6sKPPbgfdHb3Ncp8VAP+FY61wP9SP/AENaAOvyPWik2j0H5UUAczqgP/CyPD3P/Llffzgro5Qdg5/iX+Yrm9UkX/hZHh44b/jyvv4D6wV0Usq7Bw/3l/gPqPagCXB9aRQdvX9KTzV9H/74P+FIsq7ej/8AfB/woAdg7+vb0oYHaef0pvmrv6P0/uH/AAoaVdvR/wDvg/4UAPwfX9KZEDsPP8TfzNL5q+j/APfB/wAKZFKuw8P95v4D6n2oAkwd3XtQwO08/pTfNXd0fp/cP+FDSrtPD/8AfB/woAfg+v6Uig889/Sk81fR/wDvg/4Uiyrzw/X+4f8ACgB+D6/pSMDtPNJ5q+j/APfB/wAKRpV2nh/++D/hQA/B9f0pFB557+lJ5q+j/wDfB/wpFlXnh+v9w/4UAOIO4c/pS4Pr+lMMq7hw/wD3wf8ACl81fR/++D/hQAkIPkR8/wAI/lTgDk89/So4ZV8hOH+6P4D6fSnCVcnh+v8AcP8AhQA4g7l5/Sgg4PP6U0yruXh/++D/AIUGVcHh/wDvg/4UAOAO0c/pTQD57c/wj+ZoEq4HD/8AfB/wpolXz24f7o/gPqfagCRgeOe9Lg+v6UxpV44fr/cP+FL5q+j/APfB/wAKAFUHaOe3pQAdx5/SmrKu0cP0/uH/AAoEq7jw/wD3wf8ACgAlB2Dn+Jf5in4PrUUsq7Bw/wB5f4D6j2p/mr6P/wB8H/CgBVB29f0owd/Xt6U1ZV29H/74P+FHmrv6P0/uH/CgBzA8c9/SlwfX9KY0q8cP1/uH/Cl81fR/++D/AIUAcZ4OB/4WF485/wCX+1/9JI67TB3de1cT4PkA+IPjzhub+1/hP/PpHXaeau7o/T+4f8KAHMDtPP6Vznw5B/4VZ4U5/wCYNZ/+iEroWlXaeH/74P8AhXOfDmVR8LfCow3/ACBrP+A/88EoA6VQeee/pTSD568/wn+YoWVeeH6/3D/hTTKvnrw/3T/AfUe1AEpB9a4b4sf8gDRf+xg0/wD9HrXbGVcdH/74P+Fc/wCNPD0nirR7a0tb0WM9tfQXscslo0y7onDAFQykgkeopdYvs0/uaYdGvJ/kcdq3i7X4LTxLr8GqtB/YerLYQaL5MJjuEzGBvJHmb38zK7XUfd+U85xvEnxI8T6L4xk03Sbl9Vs4ZL4faPIjKhkgR/Lk2qGPkMzFvLBJUhfmcMK9Y/sTSJ9Tt9WvtKsbjWIECi/+wgSqQMHaxBZRyeNxxmnR6JocMkbRaPZxtG0rxstmoKNJ/rCPl4LfxHv3oSaVvL9F/wAP5dBp63/rr+X9dLeP+NfiR4m0K91bSfDuqNqcyaBb39reSQRbY0Akaa5OECnKqihcYywwOtdF4i8Ra9cNeDS9dutP/svwt/asxt4LdxJcMGKB/MjbAIRjhcV3aeHfD8cTxx6HYKklsLR1WxUBoB0iI28p/s9PaspPh54Olu7y8vfD1hqE17L5zPeafHKY/kVQikpkKAowOepoa3+f6/5p/L0souzTfl+n+TXzPOvFPxE8S2+hC80fVWjuNM0Oz1C+EkcEULvN0DFkdpGYjARFiA5+fJAGlN458V3Hi6/a0WVLXT9XtbD7Mz2UVpJG6oWLtK4n81hISmz5TtUYbmu20/wF4VstJsbCfRbXURp9t9lhnv7JJZRFzldxTp8x4GBya1ZNE0OXVoNUl0ezfUbdAkF21mpliUZwFfbkDk8A9zV3XNfpf9b/AJaE2923l+lvz1PHNW+Jfi7T/wDhKNNivY3v7q+nj8PytAgECQyuJlOFw2yNA2WB+93rd074k6xp+p3E2rWl/q+nW3hux1Kf7Glspgd1dpZDvdCc7ei5xjgDv6O2i6I7iR9ItGcNKwY2akgy/wCtP3er/wAX97vmqd54P8J6lJHJqPhjSrt4o1ijafTY3KIv3VBK8Adh0FRG6Sv5fk1/ky5Wc21trp80/wAkea+IviVfwWHijUItQzpNpqGlCENao2LSdEaVSpXJ3Kx65Izxit/4O6pqV4viKy1GwttKgsr5PsemWtvHElnFLEsoQhFGW+fLE5+bNdrNouh3RuEuNHs5vtDRyTiSzVvNZOEZsryVwME9McVagt7K1uLie2tI4Zrpw88kcG1pmACgsQMsQABk9hVKyv8A12/yf3+ZGrt/Xf8Az/qx5QvjPxFH/aWqf26bj7D4v/shNK8iHZLA8qoFJC794DFlO4fd5DVNoPjfxTqPimG4n81LCbWrnTpbeeSyito4o9wBjy4uGmGwMwIIILYUAA11/h3wRpeh6hf6hcw29/fXGpXF/BdSWIEtqJjzGrnJ/EEZz0qXSrjw1qPjPVZ7DR4Bq9kEjuNSFpHvl3L90SDLHAABBxjgVK0Sv2/Rf5P7zSUXJycVpd/dd29N19xw+q+JvFFleX0ek+KE1UnSG1e0K20HlXflyhmS32Bv3fl5Q+YxfJUqT8xpLzx7rur+B/EninQNSeCwfUbWz0crbxsVTfGksg3KdxZnYfNnG3gV6BN4bsLS11FvC1jpujanfKRJeppgYsSckuFKFzyTy3U556GDQfBeg6D4T0bQ5LGG/i0ja0Elzahys2cmUZB2sWJORyM04+f9a3f4WRMvL+tF+upwWseLfFHh688TWUWtXepnTNU0mC3aaC2ErpOVMifKiJls4BOMeo61f8aeONRm028OjXeseGtV0q7soLqxmhs5A8dzKqh84lB+XdjDDBHI6V6DeaDoWordLqGi2V0Lwo1yJ7JX88pwhfK/Nt7Z6dqitfDXhuy097Gy0DTrezklWZ7eKwRI2kUgq5ULgsCAQeowKF5+X6f5P7wl5djzb4h+MPEXhuTUbfQteuJZNA0+G6upLuO1iSUySEKHPlkyM2AAkaRADOXJIFb4uNek+L1npH/CT6iunXGlNqjWywWuAwmRfKDGHd5eGI67v9qut1Lw94f1i8W61fQ7C/uViMSzXVisrhDkFQzKTg7jx05PrVsWlgl8l6tlELpIvIScW/zrHkHYGxkLkA46cUR0ab8/1/4H3A7Wsv62/wCD95zfijU9Tk8b6D4csNSl0iC/gubiW8gjieV2i2ARJ5qso++WPyk4XjHNcYviXxPqlt4Znj8S3doNQ12fR5mtLa1Mc8cRmAnTfE5DN5a55K9cAV6nqul6TrtoLXW9MttRt1cOIbu1EqBhkA4YEZ5PPvS/YdMkjtFbT4GSxYNaqbYEW7KCoKcfKQCRxjg4oWm/9a/5aBLVaf1/W/4Hk3ijxT4usfEPi+HTtV1RbXQYbVop0gsjbQhoQ0j3AZPOYHliIgT1wOgqeXx14pvPFV9Jp7SCysdWtbFYd9nFaSxSKhYs0zicysJCU2fKcKMN81eiX/hPwtqmpNf6n4b0u8vWwWubjTkkkOAAPmKk8ADH0q1Po2iz6xFq9xpFpLqUC7Yr17NWmjHPCuV3Acnoe5oW6bCWu39aHni67rWja344l1PxZqVxYeGbeKWGOSztX3+ZblzvCRxs2GxgB06YJ61jr4j8Q33h7x9o3iC+N4lv4dW7h814Xmj82OThzDGiqSoU7Pnxnh2BzXsP2DTfNu5fsEPmXyhbp/s3NwANoDnHzADjnPHFc9rPgnTJ/C2o6R4Ys9N0F7+3a0knh0oHETZ3AKhTn5iRzgE5waiSbi15W/BmkWlJPs/8v+CbHhT/AJEvRf8AsHwf+i1rUYHaeapaVbrpej2Onb3lNrbpD5nlFd2xQucds1baVdp4f/vg/wCFbVGnNtHPSTjTin2Of8SWOrvrWj6lo1pBeNYmbzIprjyQQ6hRhtrfypi6p4w5/wCKZ0/r/wBBg/8Axmuk81fR/wDvg/4Uiyrzw/X+4f8ACoNDnDqnjDcP+KZ0/wD8HB/+M07+1PGP/Qs6f/4OD/8AGa6EyruHD/8AfB/wpfNX0f8A74P+FAHk3wf1DxNF8K9LTT9Bs7m3Elztlk1Mxs3+kyZ+XyjjByOvbNdsNU8Yc/8AFM6f1/6DB/8AjNYvwSkC/CDSAQ3+suuik/8AL1LXeCVeeH6/3D/hQBzh1TxhuH/FM6f/AODg/wDxmlOqeMMH/imdP/8ABwf/AIzXRGVdy8P/AN8H/Cgyrg8P/wB8H/CgDnRqnjDA/wCKZ0//AMHB/wDjNNGqeMPOb/imdPztH/MXPv8A9Ma6QSrgcP8A98H/AApolXz24f7o/gPqfagDnzqnjDj/AIpnT+v/AEGD/wDGaDqnjDB/4pnT/wDwcH/4zXRNKvHD9f7h/wAKDKuDw/8A3wf8KAOdGqeMNo/4pnT+n/QYP/xmkGqeMNx/4pnT/wDwcH/4zXRrKu0cP0/uH/CgSruPD/8AfB/woA5uTVPGG0Z8M6f95f8AmLn1H/TGn/2p4x/6FnT/APwcH/4zW/LKuwcP95f4D6j2p/mr6P8A98H/AAoA5xdU8YY/5FnT/wDwcH/4zSf2p4w3/wDIs6f0/wCgwf8A4zXRrKu3o/8A3wf8KPNXf0fp/cP+FAHONqnjDj/imdP6/wDQYP8A8Zp39qeMf+hZ0/8A8HB/+M10LSrxw/X+4f8ACl81fR/++D/hQBznhSw1WHUNbv8AWLaG0k1C6SVIoZ/OChY1j+9tXnKZ6d66TB3de1RxSrsPD/eb+A+p9qd5q7uj9P7h/wAKAHMDtPP6UuD6/pTGlXaeH/74P+FL5q+j/wDfB/woAVQeee/pTSD568/wn+YoEq88P1/uH/CmmVfPXh/un+A+o9qAJGB2nmlwfX9KY0q7Tw//AHwf8KXzV9H/AO+D/hQAqg889/Sgg7hz+lNWVeeH6/3D/hQZV3Dh/wDvg/4UAPwfX9KMH1/Sm+avo/8A3wf8KPNX0f8A74P+FACgHnnvQQdy8/pTRKvPD9f7h/woMq7l4f8A74P+FADiDg8/pQAdo5/SmmVcHh/++D/hQJVwOH/74P8AhQAAHz25/hH8zXKfFMH/AIVjrXP/ACxH/oa11IlXz24f7o/gPqfauU+Kcin4Y60AG/1I6of760Adhg+v6UU3zV9H/wC+D/hRQBzmqH/i5Ph7/ryvv5wV0cp+Qf7y/wAxXOaoB/wsnw9wP+PK+/nBXRSqNg4H3l7e4oAkzSKflo2j0H5UiqNvQflQAZ+f8KVj8ppMDf0HShlG08D8qAHZpkR+Q/7zfzNO2j0H5UyJRsPA+83b3NAD8/P+FI5+U0bRu6Dp6UMBtPAoAdmkU9frRtHoPypFUc8Dr6UAOzSMflNG0eg/KkZRtPA/KgB2aap6/Wl2j0H5Uigc8DrQApPzClzTSo3DgflS7R6D8qAGwn9xH/uj+VOB5P1pkKjyI+B90dvanBRk8Dr6UABPzLSk8GkIG5eBSlRg8D8qAAH5RTQf37f7q/zNOCjaOB+VMCjz24H3R29zQA9j0+tLmmso44HX0pdo9B+VAAp+UfSgH5jSKo2jgdPSgKNx4H5UAJKfkH+8v8xT81HKo2DgfeXt7in7R6D8qABT8tJn5/woVRt6D8qMDf0HSgBWPT60uaayjjgdfSl2j0H5UAcX4O/5KF49/wCv+1/9JI67TPz/AIVxXg4D/hYXj3j/AJf7X/0kjrtNo3dB09KABz8prnPhwf8Ai1nhT/sC2f8A6ISujYDaeBXOfDgD/hVnhTgf8gaz/wDRCUAdIp6/Wmk/v1/3W/mKVVHPA6+lNKjz14H3T29xQA9j8ppc01lG08D8qXaPQflQAinr9aUn5hSKBzwOtBUbhwPyoAdmmQn9xH/uj+VO2j0H5UyFR5EfA+6O3tQA9T1+tIT8y0BRzwOvpQQNy8CgBSeDQD8ooKjB4H5ViXXia0S4az0qCTVb1Dh4rXG2I/8ATSQ/Kn0Jz6A1EpxgrydjWnSnVdoK/wCnq+nzNkH9+3+6v8zWPeeJ7ZblrPSopNVvUOHitcFYj/tyH5U+hOfQGqh0bUNWbzPEN5shYD/QLFikePR5OHf/AMdB7g1s2tpb2NslvZwR28MYwkcSBVUewFefUxr2po6VTo0vifM+y2+b3fyt5MyDpOo6v83iG92Qn/mH2LMkf0eTh3/8dB7g1PceGdJmihWK0Wze3XbBNafuZIR1wrLjj26HuK1aK4JSlJ3k9R/Wqt1yuyXRaL+vxfUxFuNd0Y/6TH/bdoP+WsQWO5Qe6cK/1XafRTWlY61p+rwFrC5WRo3USREFZIjkcMhwyn2IqzWdqWhWGqSJNcRGO5j/ANXdQsY5Y/o45x7Hg9xXVTxc4aS1QOVGr/EVn3X6rb7rejNnNIp+WudW41zRuLmIa3Zj/lrEqx3KD3ThX+q7T/smtPStX0/V4WawnWRoziSIgrJEfRkOGU+xFelTrwqbPUxqYacI861j3W3z6r5pF7Pz/hSsen1pMDf0HShlHHA6+lbHMOzTIj8h/wB5v5mnbR6D8qZEo2Hgfebt7mgB+fn/AApHPymjaN3QdPShgNp4FADs0inr9aNo9B+VIqjngdfSgBCf36/7rfzFOY/KaYVHnrwPunt7inMo2ngflQA7NNU9frS7R6D8qRQOeB1oAUn5hS5ppUbhwPypdo9B+VAHBfBH/kj+kf8AXS6/9Kpa71T1+tcD8EQP+FP6RwP9Zdf+lUtd6FHPA6+lAAT8y0pPBpCBuXgUpUYPA/KgAB+UU0H9+3+6v8zTgo2jgflTAo89uB90dvc0APY9PrQTwaRlHHA6+lKVGDwPyoAFPyj6UA/MaRVG0cDp6UBRuPA/KgBJT8g/3l/mKfmo5VGwcD7y9vcU/aPQflQAKflpM/P+FCqNvQflRgb+g6UAKx6fWlzTWUccDr6Uu0eg/KgBsR+Q/wC838zTs/P+FMiUbDwPvN29zTto3dB09KABz8pp2aawG08Cl2j0H5UACnr9aaT+/X/db+YpVUc8Dr6U0qPPXgfdPb3FAD2PymlzTWUbTwPypdo9B+VACKev1pSfmFIoHPA60FRuHA/KgB2aM0m0eg/KjaPQflQAKev1pCfmWgKOeB19KCBuXgUAKTwaAflFBUYPA/KgKNo4H5UANB/ft/ur/M1ynxUP/FsNa/64j/0Na6oKPPbgfdHb3Ncp8VAP+FY61wP9SP8A0NaAOvzRSbR6D8qKAOZ1QH/hZHh7n/lyvu3vBXRyg7B838S9vcVzmqN/xcjw9wf+PK+/nBXRyt8g4P3l/mKAH4b+9+lIobb979KXd7GkVvl6GgBMHf17elKwbafm/Sjd8/Q9KGb5TwaAFw3979KZEDsPzfxN29zT93saZE3yHg/eb+ZoAdg7vvdvSkYHaef0pd3zdD0oZvlPBoAXDf3v0pFB5+bv6Uu72NIrdeD1oAXDf3v0pGB2n5v0pd3saRm+U8GgBcN/e/SmqDzz39Kdu9jSK3Xg9aAAg7h836UuG/vfpSFvmHBpd3saAGQg+RH838I7e1OAOT83f0psLfuI+D90fypwbk8HrQAhB3Dn9KUhsH5v0oLfMvBoLcHg0AADYHzfpTQD57fN/CO3uacG+UcGmhv37cH7o/maAHMDx83f0pcN/e/SkZunB60u72NACKG2j5u3pQAdx+b9KFb5RwelAb5jwaAGyg7B838S9vcU/Df3v0pkrfIOD95f5in7vY0AIobb979KTB39e3pSq3y9DRu+foelAAwPHzd/Slw3979KRm6cHrS7vY0AcV4OB/4WF485/wCX+17f9Okddpg7vvdvSuL8HH/i4Xjzg/8AH/a/+kkddpu+boelACMDtPP6Vznw5B/4VZ4U5/5g1n2/6YJXSM3yng1znw5b/i1nhTg/8gaz/wDRCUAdGoPPzd/SmkHz1+b+E9vcU5W68HrTS379eD90/wAxQA5gdp+b9KxL7xTDZeMLDw2tje3N3eW7XPmQiMRwxqwVmcs4PVhwoY+1bbN8p4Nee+IVaT4zWiRqWZvDF6FUDJJ82PipcrNfP8It/oNK6fy/NI9DAx3ox714N4f8N+NYbPw6ojeK5j8H3dtaMljJbNZzMItkcrs7DzMjg4ToePS/4I8H/aba+h1PSA1r/Y0cdzYz+HXtYZbtckOxmlczTr8wMiphsg7ugpvS/l/wf8vxQlrbz/4H+f4M9O8S+KYfC509rywvbiC+u47QT2/lFYZJGCpvDOrYJPVQ3Q57VtqhVQqngDA4rxQ6DDoHwU8Fw/2VHpl7JqmlNep9mEMjy+aoJkGAS315r0680DU7m9lmh8Ya3Zxu2VgghsikY9AXt2bH1JNVbR+Ta/BP9RXvb0/Vm6Aefm7+lYl54mgW6a00qOTVb1Dh4rXG2I/7ch+VPoTn0BrPvPCmqXFm0beKNRv/AJsmG/SJI5B/dJt0ibB+pHqDUllrNto0UWn6tpy6EFwkRUD7Kx9EkAAH0YKT6Vw4itUp/CtO56VDD05Q5178v5Vp9/V/9u/eSnSNS1f5vEV9thP/AC4WLMkf0eTh3/8AHQe4Na9raW9jbJb2cEdvDGMJHEgVVHsBUoIIBByD0IorypSlJ3k7mVStOa5Xouy0X3fruFFFFIxCiiigAooooAKz9R0Ox1ORJp42juoxiO6gYxzR/Rxzj2PB7itCiguFSdOXNB2Zhi417RmH2hf7btBx5sSqlyg904V/qu0/7JrT07WLHWI2awulkaMgSRFSskR9GQ4ZT7EUX+pWel2/n6hcx28ecAu2Nx7ADqT7DmucvbK68UXMVxaab/ZixkeXqdyGjuccHCIpVgD/ALZHuprtoYirfltzf13/AMzsjThXjz1Fyr+ZaL7uv/btn5M7PDf3v0pkQOw/N/E3b3NMtIntrWOKa4munQYM0oUM/udoA/SnxN8h4P3m/ma9Y8tpJ2Q7B3fe7elIwO08/pS7vm6HpQzfKeDQIXDf3v0pFB5+bv6Uu72NIrdeD1oAaQfPX5v4T29xTmB2n5v0ppb9+vB+6f5inM3yng0ALhv736U1Qeee/pTt3saRW68HrQAEHcPm/Slw3979KQt8w4NLu9jQBwPwRB/4U/pGD/y0uu3/AE9S13oB5+bv6VwXwRP/ABZ/SOD/AKy6/wDSqWu9DdeD1oAQg7hz+lKQ2D836UFvmXg0FuDwaAABsD5v0poB89vm/hHb3NODfKODTQ379uD90fzNADmB4+bv6UENg/N+lDN04PWgtweDQAKG2j5u3pQAdx+b9KFb5RwelAb5jwaAGyg7B838S9vcU/Df3v0pkrfIOD95f5in7vY0AIobb979KTB39e3pSq3y9DRu+foelAAwPHzd/Slw3979KRm6cHrS7vY0AMiB2H5v4m7e5p2Du+929KbE3yHg/eb+Zp275uh6UAIwO08/pTsN/e/SkZvlPBpd3saAEAbn5u/pTSD56/N/Ce3uKcrdeD1ppb9+vB+6f5igBzA7T836UuG/vfpSM3yng0u72NADVB557+lKQdw+b9KFbrwetBb5hwaAFw3979KMN/e/Sjd7Gjd7GgBADz83f0pCDuHP6UobrwetBb5l4NAAQ2D836UANgfN+lBbg8GgN8o4NADQD57fN/CO3ua5T4pg/wDCsda5/wCWI7f7a11Yb9+3B+6P5muU+Kbf8Wx1rg/6kf8Aoa0Addhv736UUbvY0UAc3qn/ACUnw9/15X384K6KX7g/3l/mK5rVI1/4WR4eGW/48r7+M+sFdFLEuwcv95f4z6j3oAmpF+7TfKX1f/vs/wCNIsS7er/99n/GgB/8f4UN900zyl39X6f3z/jQ0S7er/8AfZ/xoAkpkX3D/vN/M0eUvq//AH2f8aZFEuw8v95v4z6n3oAl/i/Ch/ummeUu7q/T++f8aGiXaeX/AO+z/jQBJSL3+tN8pfV/++z/AI0ixLzy/X++f8aAJKRvumm+Uvq//fZ/xpGiXaeX/wC+z/jQBJSL3+tN8pfV/wDvs/40ixLzy/X++f8AGgB5+8KWozEu4cv/AN9n/Gl8pfV/++z/AI0AEP8AqI/90fypw6n61FDEvkJy/wB0fxn0+tOES5PL9f75/wAaAHn7y0p6GozEu5eX/wC+z/jQYlweX/77P+NADx90U0f69v8AdX+ZpBEuBy//AH2f8aaIl89uX+6P4z6n3oAlbt9aWo2iXjl+v98/40vlL6v/AN9n/GgBy/dH0oH3jTFiXaOX6f3z/jQIl3Hl/wDvs/40ALL9wf7y/wAxT6hliXYOX+8v8Z9R70/yl9X/AO+z/jQA5fu0fx/hTFiXb1f/AL7P+NHlLv6v0/vn/GgB7dvrS1G0S8cv1/vn/Gl8pfV/++z/AI0Acb4O/wCShePf+v8Atf8A0kjrtP4vwriPB8YPxB8ectxf2v8AEf8An0jrtPKXd1fp/fP+NAD3+6a5z4cf8ks8Kf8AYFs//RCV0DRLtPL/APfZ/wAa5z4cxKfhb4VOW/5A1n/Gf+eCUAdMvf600/69f91v5ikWJeeX6/3z/jTTEvnry/3T/GfUe9AErfdNZd54a0u/8QWeuXEUw1GyjMUM0V1LHhCQSrKrBXUkA4YEcVotEu08v/32f8aXyl9X/wC+z/jR1uHSw4HOfrXO+PdUvNG8G3V9ps3kXCSwKr7Q2A0yKeCCOjEVvrEvPL9f75/xrkvihGo+H15y3+uturn/AJ+I6ANzWvDOl+IZbJ9Ximm+wzrcQIt1LGgkUhlZkRgrkEAjcDj8TWnES0KE9SoJpPKX1f8A77P+NMhiXyE5f7o/jPp9aPICUd/rTZY0mXy5UWRGBDKwyCPQikES88v1/vn/ABoMS7l5f/vs/wCNAbGE/hqXTsyeGbz7CBybKUGS2b2C5zH/AMBIHsaaniMWkiweIrVtKlYhVlZt9vIf9mXoPowU+1b5iXB5f/vs/wCNNe2imhMcyl0YYZWYkEehFcdTCQnrHRnYsVz6V1zeez+/r87+VhoIIBByD0IorE/4RuXTZWPhi8NiqgH7FMDJbN7Bc5j6fwkD2NCeIvsciweIrVtKlYhVlZt9vIf9mXoPowU+1edUozp/EtC/Yc+tF83l1+7/ACv5m3RQCCAQcg9CKKxOYKKrX+pWel2/n6hcx28ecAu2Nx7ADqT7Dmss3utauo/su1/sy0Ygfa75P3jAkcpD1H1cj/dNVGEpu0Vc2hQnOPM9I93t/wAH0V2al/qVnpdv5+oXMdvHnALtjcewA6k+w5rMW71rWf8AkF2v9mWh/wCXu+j/AHjD/Yh6j6uRj+6auWHhmwsrkXcpmvb/ABg3l1Juk9wvQIPZQBWosS7er/8AfZ/xr0KeC61GN1aNL+GuZ93t8l/n9xmad4csrC7F3J5l7fbcG8u23ye4Xsg9lAFazdvrTPKXf1fp/fP+NDRLxy/X++f8a74xjFWijmqVZ1Zc03ckpkX3D/vN/M0eUvq//fZ/xpkUS7Dy/wB5v4z6n3qjMl/i/Ch/ummeUu7q/T++f8aGiXaeX/77P+NAElIvf603yl9X/wC+z/jSLEvPL9f75/xoAU/69f8Adb+YpzfdNRGJfPXl/un+M+o96c0S7Ty//fZ/xoAkpF7/AFpvlL6v/wB9n/GkWJeeX6/3z/jQA8/eFLUZiXcOX/77P+NL5S+r/wDfZ/xoA4T4If8AJH9H/wCul1/6VS13o7/WuA+CUYPwg0gkt/rLroxH/L1LXeCJeeX6/wB8/wCNADz95aU9DUZiXcvL/wDfZ/xoMS4PL/8AfZ/xoAePuimj/Xt/ur/M0giXA5f/AL7P+NNES+e3L/dH8Z9T70ASt2+tKehqNol45fr/AHz/AI0GJcHl/wDvs/40APX7o+lA+8aYsS7Ry/T++f8AGgRLuPL/APfZ/wAaAFl+4P8AeX+Yp9QyxLsHL/eX+M+o96f5S+r/APfZ/wAaAHL92j+P8KYsS7er/wDfZ/xo8pd/V+n98/40APbt9aWo2iXjl+v98/40vlL6v/32f8aACL7h/wB5v5mnfxfhUUUS7Dy/3m/jPqfeneUu7q/T++f8aAHv900tRtEu08v/AN9n/Gl8pfV/++z/AI0AOXv9aaf9ev8Aut/MUgiXnl+v98/400xL568v90/xn1HvQBK33TS1G0S7Ty//AH2f8aXyl9X/AO+z/jQA5e/1oP3hTFiXnl+v98/40GJdw5f/AL7P+NAElFM8pfV/++z/AI0eUvq//fZ/xoAcO/1oP3lpgiXnl+v98/40GJdy8v8A99n/ABoAkPQ0g+6KYYlweX/77P8AjQIlwOX/AO+z/jQAo/17f7q/zNcp8VP+SYa1/wBcR/6GtdQIl89uX+6P4z6n3rlPinGo+GOtEFv9SOrn++tAHY0Uzyl9X/77P+NFAHOapn/hZPh7p/x5X384K6KXdsHT7y/zFc5qjf8AFyPD3B/48r7t7wV0crfIOD95e3uKAH/N7Ui7tval3ex/KkVvl6H8qAD5t/bpQ27aelJu+foenpSs3yng/lQAvze350yLdsPT7zfzNP3ex/KmRN8h4P3m7e5oAd82/t0obdtPSjd83Q9PSkZvlPB/KgB3ze350i7uenWl3ex/KkVuvB6+lAC/N7fnSNu2npS7vY/lSM3yng/lQAvze350i7uenWl3ex/Kmq3Xg9fSgBTu3DpS/N7fnSFvmHB/Kl3ex/KgBkO7yI+n3R/KnDdk9OtNhb9xHwfujt7U4NyeD19KAA7ty9KDuwelIW+YcH8qUtweD+VAAN20dKaN3nt0+6P5mnBuBwfypob9+3B+6O3uaAHNu46daX5vb86Rm6cHr6Uu72P5UAIu7aOnSgbtx6UK3yjg9PSgN8x4P5UANl3bB0+8v8xT/m9qZK3yDg/eXt7in7vY/lQAi7tvaj5t/bpQrfL0P5Um75+h6elACtu46daX5vb86Rm6cHr6Uu72P5UAcV4Oz/wsLx70/wCP+1/9JI67T5t/bpXF+Dm/4uF484P/AB/2vb/p0jrtN3zdD09KABt209K5z4c5/wCFWeFOn/IGs/8A0QldEzfKeD+Vc58OW/4tZ4U4P/IGs+3/AEwSgDpF3c9OtNO7z16fdP8AMU5W68Hr6U0t+/Xg/dPb3FADm3bT0pfm9vzpGb5Twfypd3sfyoARd3PTrXJfFHP/AAr696f662/9KI66xW68Hr6VyXxRb/i317wf9dbdv+niOgDr/m9vzpkO7yI+n3R/Kn7vY/lTIW/cR8H7o7e1ADl3c9OtB3bl6UBuvB6+lIW+YcH8qAFO7B6UDdtHSgtweD+VAbgcH8qAGjd57dPuj+ZomjE0RjlRHRuGVhkEehFAb9+3B+6O3uacW46H8RSeiGt9DAbw1NpxMnhm7+wqOTZSgyWzewXrH/wEgexqpaanruuXF5Y2cFrpslhMLe9uHcz7ZDGkmIlwNw2SIdzYxnG04NZ/hHx7Nc/Duz8T+L5rdBfz+VBFp1hMxUlyiptVpGdiV6gDrjHetOD4geF3sWvLa5nPm3j2hhTTrj7Q86Ll18ny/MJVQMnbwBz0rnnhaTle22/9fM6/rc/tpSfdrX/g7favsaOm+HLOwuvtcm+9v8YN5dtvk9wvGEHsoArUl3bB0+8v8xXF3fjaebxF4Rk0G6sbzQfEMkkZJtpBMpSJ33B94A5UAqUyMHnsO0lb5BwfvL29xW8YKCslY56lWdSV5u4/5vakXdt7Uu72P5Uit8vQ/lVGYfNv7dKG3cdOtJu+foenpSs3Tg9fSgBfm9vzpkW7Yen3m/mafu9j+VMib5DwfvN29zQA75t/bpQ27aelG75uh6elIzfKeD+VADvm9vzpF3c9OtLu9j+VIrdeD19KAGnd569Pun+Ypzbtp6U0t+/Xg/dPb3FOZvlPB/KgBfm9vzpF3c9OtLu9j+VNVuvB6+lACnduHSl+b2/OkLfMOD+VLu9j+VAHA/BHP/Cn9Ixj/WXX/pVLXeru56da4L4Itj4P6Rwf9Zddv+nqWu9DdeD19KAA7ty9KDuwelIW+YcH8qUtweD+VAAN20dKaN3nt0+6P5mnBuBwfypob9+3B+6O3uaAHNu46daDuwelDN04PX0oLcHg/lQALu2jp0oG7celCt8o4PT0oDfMeD+VADZd2wdPvL/MU/5vamSt8g4P3l7e4p+72P5UAIu7b2o+bf26UK3y9D+VJu+foenpQArbuOnWl+b2/OkZunB6+lLu9j+VADIt2w9PvN/M075t/bpTYm+Q8H7zdvc07d83Q9PSgAbdtPSl+b2/Oms3yng/lTt3sfyoARd3PTrTTu89en3T/MU4N14PX0ppb9+vB+6e3uKAHNu2npS/N7fnSM3yng/lS7vY/lQAi7uenWg7tw6Uit14PX0pS3zDg/lQAvze350fN7fnRu9j+VG72P5UAIu7np1oO7cvSgN14PX0pC3zDg/lQAp3YPSgbto6UFuDwfyoDcDg/lQA0bvPbp90fzNcp8U8/wDCsda6f6kf+hrXVhv37cH7o7e5rlPim3/Fsda4P+pHb/bWgDrvm9vzoo3ex/KigDm9U/5KT4e/68r7+cFdFL9wf7y/zFc3qij/AIWR4e/68r7+cFdHKo2D/eX+YoAkpF+7RtFIqjbQAv8AH+FDfdNJtG/8KGUbTQA6mRfcP+838zTtopkSjYf95v5mgB/8X4UP900m0bvwoZRtNADqRe/1o2ikVRz9aAHUjfdNG0UjKNpoAdSL3+tG0UiqOfrQAp+8KWmlRuFLtFADYf8AUR/7o/lTh1P1pkKjyI/90fypwUZP1oAU/eWlPQ00qNy0FRg0AKPuimj/AF7f7q/zNKFG0U0KPPb/AHR/M0APbt9aWmso4+tLtFAAv3R9KB940iqNo+lAUbjQAkv3B/vL/MU+o5VGwf7y/wAxT9ooAF+7R/H+FIqjbRtG/wDCgBW7fWlprKOPrS7RQBxfg7/koXj3/r/tf/SSOu0/i/CuK8HKP+FhePP+v+1/9JI67TaN34UAK/3TXOfDj/klnhT/ALAtn/6ISuiZRtNc58OVH/CrPCn/AGBrP/0QlAHSL3+tNP8Ar1/3W/mKVVHP1ppUeev+6f5igB7fdNLTWUbTS7RQAL3+tcl8Uf8Aknt7/wBdrb/0ojrrFUc/WuR+KKj/AIV9e/8AXa2/9KI6AOwpkP8AqI/90fyp20UyFR5Ef+6P5UAPHf60H7y0gUc/WgqNy0AOPQ0g+6KQqMGgKNooAQf69v8AdX+ZpzfdP0pgUee3+6P5mnMo4+tJq6sB4T4GfVdf8F+CtP8ADUFjex6PcS3980168SLIkjhIGZI5NrHzQ+COQvTvV2w8G+Lr3UNUtriz05oIdduL27024vJxZagtxEroN4i/eCJsZVkKsc5xgV7SVGDXN+FlH/CQeMf+wzH/AOm+zqt7+f62/wAl/wAONu7/AK8/839559ZaT/wiWrfDDwpfX1jNqdjeXjvFbSZPltFMVfacMAc46YyCMnGa9kl+4P8AeX+YpQo3GmyqNg/3l/mKL3u2IkpF+7RtFIqjbSAX+P8AChu31pNo3/hQyjj60AOpkX3D/vN/M07aKZEo2H/eb+ZoAf8AxfhQ/wB00m0bvwoZRtNADqRe/wBaNopFUc/WgBD/AK9f91v5inN900wqPPX/AHT/ADFOZRtNADqRe/1o2ikVRz9aAFP3hS00qNwpdooA4L4If8kf0f8A66XX/pVLXejv9a4H4IqD8H9I/wCul1/6VS13oUc/WgBT95aU9DTSo3LQVGDQAo+6KaP9e3+6v8zShRtFNCjz2/3R/M0APbt9aU9DTWUcfWgqMGgBV+6PpQPvGkVRtH0oCjcaAEl+4P8AeX+Yp9RyqNg/3l/mKftFAAv3aP4/wpFUbaNo3/hQArdvrS01lHH1pdooAbF9w/7zfzNO/i/CmRKNh/3m/madtG78KAFf7ppaayjaaXaKABe/1pp/16/7rfzFKqjn600qPPX/AHT/ADFAD2+6aWmso2ml2igAXv8AWg/eFIqjn60FRuFADqKTaKNooAB3+tB+8tIFHP1oKjctADj0NIPuikKjBoCjaKAEH+vb/dX+ZrlPip/yTDWv+uI/9DWuqCjz2/3R/M1ynxTUf8Kx1r/riP8A0NaAOvopNoooA5jVDJ/wsjw98q5+xX38XvB7V0Upk2D5E+8v8R9R7Vz+qMP+Fk+Huf8Alyvv5wV0UrDYOf4l/mKAFzL/AHE/77P+FIpl2/cT/vs/4U/cPWkVht60ANzLv+4nT++f8KGMu37if99n/Cnbhv69qGYbTzQAmZf7if8AfZ/wpkRk2H5E+838R9T7VLuHrTImGw8/xN/M0AGZd33E6f3z/hQxl2n5E/77P+FO3Df17UMw2nmgBMy/3E/77P8AhSKZefkTr/fP+FP3D1pFYc896AEzL/cT/vs/4UjGXafkT/vs/wCFP3D1pGYbTzQAmZf7if8AfZ/wpFMvPyJ1/vn/AAp+4etIrDnnvQA0mXcPkT/vs/4UuZf7if8AfZ/wpSw3Dml3D1oAihMnkJ8ifdH8R9PpTgZcn5E6/wB8/wCFELDyI+f4R/KnBhk896AGky7l+RP++z/hQTLg/In/AH2f8KcWG5eaCwweaAGgy4HyJ/32f8KaDJ57fIn3R/EfU+1SBhtHNNDDz25/hH8zQAMZePkTr/fP+FLmX+4n/fZ/wpWYcc96XcPWgBimXaPkTp/fP+FAMu4/In/fZ/wpysNo57UBhuPNAEcpk2D5E+8v8R9R7U/Mv9xP++z/AIUkrDYOf4l/mKfuHrQAxTLt+4n/AH2f8KMy7/uJ0/vn/CnKw29aNw39e1ADWMvHyJ1/vn/ClzL/AHE/77P+FKzDjnvS7h60AcR4PMn/AAsHx5hV/wCP+1z83/TpH7V2mZd33E6f3z/hXG+DmH/CwvHvP/L/AGv/AKSR12m4b+vagBrGXafkT/vs/wCFc58OTJ/wq3wrhVx/Y1n/ABf9ME9q6VmG081znw5Yf8Ks8Kc/8waz/wDRCUAdCpl5+ROv98/4U0mTz1+RPun+I+o9qkVhzz3ppYeevP8ACf5igAYy7T8if99n/ClzL/cT/vs/4UrMNp5pdw9aAGKZefkTr/fP+Fcl8UDJ/wAK+vMqo/fW3Rv+niP2rr1Yc896x/Feif8ACS+HZ9KS6Fq0zxsJjH5gUpIr/dyM5246jrQBr5l/uJ/32f8ACmQmTyE+RPuj+I+n0rA/s3xd/wBDTp//AIJz/wDHqZFpvi3yUx4o08fKP+YOf/j1AHSAy8/InX++f8KCZdy/In/fZ/wrnRpvi7n/AIqnT+v/AEBz/wDHqQ6Z4u3D/iqdP/8ABOf/AI9QB0ZMuD8if99n/CgGXA+RP++z/hXKabqWuWvj0aHrGo2t/BJpj3ivDZmAqwlVMffbIwTXWhhtHNAEYMnnt8ifdH8R9T7U5jLx8idf75/woDDz25/hH8zTmYcc96AGky4PyJ/32f8ACuGg1rUPDnifxKsnhjWL+K91CO5hnsoVeNk+x28Z5LDkNGw6V3ZYYPNCsNo57UAcgPHt1uP/ABRXiX/wFT/4umyePLoqP+KL8Sj5h/y6p6j/AG67EMNx5psrDYOf4l/mKAOT/wCE9u/+hK8S/wDgKn/xdIvj26x/yJXiX/wFT/4uuw3D1pFYbetAHH/8J7dbv+RL8S9P+fVP/i6U+Pbrj/iivEvX/n1T/wCLrr9w39e1DMOOe9AHI/8ACe3f/QleJf8AwFT/AOLpkfjy6Cn/AIovxKfmP/Lqnqf9uuy3D1pkTDYef4m/maAOS/4T263f8iV4l6f8+qf/ABdI3j262n/ii/Ev/gKn/wAXXYbhv69qGYbTzQByP/Ce3f8A0JXiX/wFT/4ur/h3xYviG9v7RdLvdPuLERtLFfKqNiTdtwFLf3D1x2roNw9a5Hw+w/4Wf4v5/wCWNh/6BJQB1JMnnr8ifdP8R9R7U5jLtPyJ/wB9n/CgsPPXn+E/zFOZhtPNACZl/uJ/32f8KRTLz8idf75/wp+4etIrDnnvQA0mXcPkT/vs/wCFLmX+4n/fZ/wpSw3Dml3D1oA4D4JGT/hUGkbVUjzLrq2P+XqX2rvAZefkTr/fP+FcJ8EWA+D+kZP/AC0uv/SqWu9Vhzz3oAaTLuX5E/77P+FBMuD8if8AfZ/wpxYbl5oLDB5oAaDLgfIn/fZ/wpoMnnt8ifdH8R9T7VIGG0c00MPPbn+EfzNAAxl4+ROv98/4UEy4PyJ/32f8KczDjnvQWGDzQA1TLtHyJ0/vn/CgGXcfkT/vs/4U5WG0c9qAw3HmgCOUybB8ifeX+I+o9qfmX+4n/fZ/wpJWGwc/xL/MU/cPWgBimXb9xP8Avs/4UZl3/cTp/fP+FOVht60bhv69qAGsZePkTr/fP+FLmX+4n/fZ/wAKVmHHPel3D1oAiiMmw/In3m/iPqfanZl3fcTp/fP+FETDYef4m/maduG/r2oAaxl2n5E/77P+FLmX+4n/AH2f8KVmG080u4etADAZefkTr/fP+FNJk89fkT7p/iPqPapFYc896aWHnrz/AAn+YoAGMu0/In/fZ/wpcy/3E/77P+FKzDaeaXcPWgBimXn5E6/3z/hQTLuHyJ/32f8ACnKw5570FhuHNACZl/uJ/wB9n/CjMv8AcT/vs/4U7cPWjcPWgBgMvPyJ1/vn/CgmXcvyJ/32f8KcrDnnvQWG5eaAGky4PyJ/32f8KAZcD5E/77P+FOLDB5oDDaOaAIwZPPb5E+6P4j6n2rlPimZP+FY61lVA8kdG/wBtfautDDz25/hH8zXKfFNh/wAKx1rn/liP/Q1oA6zMv9xP++z/AIUU7cPWigDm9U/5KT4e/wCvK+/nBXRS/cH+8v8AMVzeqL/xcjw9yf8Ajyvv5wV0cq/IOT95f5igCSkX7tG33NIq/L1NAC/x/hQ33TTdvz9T0pWX5TyaAHUyL7h/3m/madt/2jTIl+Q8n7zfzNAD/wCL8KH+6aTb83U9KRl+U8mgB9Ivf60bf9o0ir15PWgB1I33TRt/2jSMvynk0AOpF7/Wjb/tGmqvXk9aAHH7wpaaV+Ycml2/7RoAbD/qI/8AdH8qcOp+tMhX9xHyfuj+VOC8nk9aAFP3lpT0NMK/MOTSleDyaAFH3RTR/r2/3V/maULwOTTQv79uT90fzNAD27fWlprL05PWl2/7RoAF+6PpQPvGkVflHJ6UBfmPJoASX7g/3l/mKfUcq/IOT95f5in7fc0AC/do/j/CkVfl6mk2/P1PSgBzdvrS01l6cnrS7f8AaNAHF+Dv+ShePf8Ar/tf/SSOu0/i/CuK8HD/AIuF485P/H/a/wDpJHXabfm6npQAr/dNc58OP+SWeFP+wLZ/+iEroWX5Tya5z4cr/wAWs8Kcn/kDWf8A6ISgDpV7/Wmn/Xr/ALrfzFKq9eT1ppX9+vJ+6f5igB7fdNLTWX5TyaXb/tGgAXv9aD94U1V68nrSlfmHJoAdTIf9RH/uj+VO2/7RpkK/uI+T90fyoAeO/wBaD95aQL15PWkK/MOTQBykv/JZoP8AsX5f/ShK60fdFcjKv/F5oOT/AMi/L/6UJXWheByaAEH+vb/dX+ZpzdvrTAv79uT90fzNOZenJ60AOPQ0i/dH0pCvB5NCr8o5PSgBR9402X7g/wB5f5ilC/MeTTZV+Qcn7y/zFAElIv3aNvuaRV+XqaAF/j/Chu31pu35+p6UrL05PWgB1Mi+4f8Aeb+Zp23/AGjTIl+Q8n7zfzNAD/4vwof7ppNvzdT0pGX5TyaAH1yPh/8A5Kf4v/642H/oEldbt/2jXI+H1/4uf4v5P+psP/QJKAOsP+vX/db+YpzfdNMK/v15P3T/ADFOZflPJoAdSL3+tG3/AGjTVXryetADj94UtNK/MOTS7f8AaNAHBfBD/kj+j/8AXS6/9Kpa70d/rXA/BEZ+D+kcn/WXX/pVLXehevJ60AKfvLSnoaYV+YcmlK8Hk0AKPuimj/Xt/ur/ADNKF4HJpoX9+3J+6P5mgB7dvrSnoaay9OT1oK8Hk0AKv3R9KB940ir8o5PSgL8x5NACS/cH+8v8xT6jlX5ByfvL/MU/b7mgAX7tH8f4Uir8vU0m35+p6UAObt9aWmsvTk9aXb/tGgBsX3D/ALzfzNO/i/CmRL8h5P3m/madt+bqelACv900tMZflPJp23/aNAAvf600/wCvX/db+YpQvXk9aaV/fryfun+YoAe33TS01l+U8ml2/wC0aABe/wBaD94U1V68nrSlfmHJoAdRSbf9o0bf9o0AA7/Wg/eWkC9eT1pCvzDk0APPQ0g+6KQrweTQF4HJoAQf69v91f5muU+Kn/JMNa/64j/0Na6oL+/bk/dH8zXKfFMf8Wx1rk/6kf8Aoa0AdfRSbf8AaNFAHM6pu/4WR4e6f8eV9/OCujl3bB0+8v8AMVzeqSx/8LI8PHzFx9ivv4veCuilmj2D94n3l/iHqKAJfm9qRd23tSedF/z0T/voUizRbf8AWJ/30KAHfNv7dKG3bT0pvnRb/wDWJ0/vChpotv8ArE/76FAD/m9qZFu2Hp95v5ml86L/AJ6J/wB9CmRTR7D+8T7zfxD1NAEnzbu3Sht209Kb50W7/WJ0/vChpotp/eJ/30KAH/N7Ui7uenWk86L/AJ6J/wB9CkWaLn94nX+8KAH/ADe1I27aelJ50X/PRP8AvoUjTRbT+8T/AL6FAD/m9qRd3PTrSedF/wA9E/76FIs0XP7xOv8AeFADju3DpS/N7UwzRbh+8T/voUvnRf8APRP++hQAkO7yI+n3R/KnDdk9OtRwzR+Qn7xPuj+IelOE0WT+8Tr/AHhQA47ty9KDuwelNM0W5f3if99CgzRYP7xP++hQA4bto6U0bvPbp90fzNAmiwP3if8AfQpomj89v3ifdH8Q9TQBI27jp1pfm9qY00XH7xOv94UvnRf89E/76FACru2jp0oG7celNWaLaP3idP7woE0W4/vE/wC+hQAS7tg6feX+Yp/ze1RSzR7B+8T7y/xD1FP86L/non/fQoAVd23tR82/t0pqzRbf9Yn/AH0KPOi3/wCsTp/eFADm3cdOtL83tTGmi4/eJ1/vCl86L/non/fQoA4zwdn/AIWF486f8f8Aa/8ApJHXafNu7dK4nwfLGPiD48y6jN/a456/6JHXaedFu/1idP7woAwfFHjXSPCE1iviKZrK3v3MUV4yEwrIOQjsPukjJBPHynkYrnPhN410fWfC+h+H9Ima8u9N0S0N88SHy7ZvKRRGzdN5IPAz91s4xW58RPC1n458Cajoc0kQkmj3W0jEfu5l5Rvpng+xI71h/BXwOngH4ewW18I49VvW+033zAlWI+WPP+yuB6ZLEdaAPQ13c9OtNO7z16fdP8xQs0XP7xOv94U0zR+ev7xPun+IeooAkbdtPSl+b2pjTRbT+8T/AL6FL50X/PRP++hQAq7uenWg7tw6U1Zouf3idf7woM0W4fvE/wC+hQA/5vamQ7vIj6fdH8qXzov+eif99CmQzR+Qn7xPuj+IelAEg3c9OtNkcRL5kjKiKCzMxwAAOSTQJouf3idf7wpGliYgF0IOcgkUAcm7hvjFBIGUofD0hDA8EfaE5zXWwyLNCksLpJG6hldTkMD0IPcV8tXfww1T/hfC+D4b+6XwtMpvNi3DCNbEvuaHg8DeAmPXaxFfUkTwRRJHG0aIoCqqkAADsBQAo3ee3T7o/mac27jp1qMTR+e37xPuj+IeppzTRcfvE6/3hQA47sHpQu7aOnSmmaLB/eJ/30KFmi2j94nT+8KAHDduPSmy7tg6feX+YoE0W4/vE/76FNlmj2D94n3l/iHqKAJfm9qRd23tSedF/wA9E/76FIs0W3/WJ/30KAHfNv7dKG3cdOtN86Lf/rE6f3hQ00XH7xOv94UAP+b2pkW7Yen3m/maXzov+eif99CmRTR7D+8T7zfxD1NAEnzbu3Sht209Kb50W7/WJ0/vChpotp/eJ/30KAH/ADe1cj4fz/ws/wAX9P8AU2H/AKBJXWedF/z0T/voVyOgSxj4neLyXXBhsMc/7ElAHWnd569Pun+Ypzbtp6VGZo/PX94n3T/EPUU5potp/eJ/30KAH/N7Ui7uenWk86L/AJ6J/wB9CkWaLn94nX+8KAHHduHSl+b2phmi3D94n/fQpfOi/wCeif8AfQoA4P4I5/4U/pGMf6y6/wDSqWu9G7np1rgfglLGvwg0gM6g+ZdcE/8AT1LXeCaLn94nX+8KAHHduXpQd2D0ppmi3L+8T/voUGaLB/eJ/wB9CgBw3bR0po3ee3T7o/maBNFgfvE/76FNE0fnt+8T7o/iHqaAJG3cdOtB3YPSmtNFx+8Tr/eFBmiwf3if99CgBy7to6dKBu3HpTVmi2j94nT+8KBNFuP7xP8AvoUAEu7YOn3l/mKf83tUUs0ewfvE+8v8Q9RT/Oi/56J/30KAFXdt7UfNv7dKas0W3/WJ/wB9Cjzot/8ArE6f3hQA5t3HTrS/N7UxpouP3idf7wpfOi/56J/30KAEi3bD0+838zTvm3dulRxTR7D+8T7zfxD1NO86Ld/rE6f3hQA5t209KX5vamNNFtP7xP8AvoUvnRf89E/76FACru56daad3nr0+6f5igTRc/vE6/3hTTNH56/vE+6f4h6igCRt209KX5vamNNFtP7xP++hS+dF/wA9E/76FACru56daDu3DpTVmi5/eJ1/vCgzRbh+8T/voUAP+b2o+b2pvnRf89E/76FHnRf89E/76FACjdz060HduXpTRNFz+8Tr/eFBmi3L+8T/AL6FADjuwelA3bR0ppmiwf3if99CgTRYH7xP++hQADd57dPuj+ZrlPinn/hWOtdP9SP/AENa6kTR+e37xPuj+IeprlPinLGfhjrQDqT5I6H/AG1oA7D5vaim+dF/z0T/AL6FFAHO6p/yUnw9/wBeV9/OCuil+4P95f5iuc1Qf8XJ8Pcn/jyvv5wV0Uo+Qcn7y/zFAElIv3aMe5pFHy9TQAv8f4UN900mPn6npQw+U8mgB1Mi+4f95v5mnY9zTIh8h5P3m/maAH/xfhQ/3TSbfn6npQw+U8mgB1Ivf60Y9zSKOvJ60AOpG+6aMe5pGX5TyaAHUi9/rRj3NIo68nrQAp+8KWmkfMOTS49zQA2H/UR/7o/lTh1P1pkI/cR8n7o/lTgOTyetACn7y0p6GmkfMvJoI4PJoAUfdFNH+vb/AHV/maUD5RyaaB+/bk/dH8zQA9u31paay9OT1pce5oAF+6PpQPvGkUfKOT0oA+Y8mgBJfuD/AHl/mKfUco+Qcn7y/wAxT8e5oAF+7R/H+FIo+XqaMfP1PSgBW7fWlprDpyetLj3NAHm+j6rJY/ETxtaWMSz6jd39uII3OFULaRbpHPZVyM45JIA610w8NJdfvNbv7zUJj1/ftDEPZY0IGPrk+9YWmPpOg+M/Get6vf21jHJeW8Jnu5liRP8AR4+NzEDnj64FdXZazpmpW9vPp2pWl3DdbvIkgnV1l28NtIPzYxzjpXjYirOcmui0PRlN4ZRjT0bSbfXVX0fRW7bvfpal/wAIjov/AD6yf+BMv/xVH/CI6L/z6yf+BMv/AMVVy/1zStKjmfVNTs7JLdUeZri4SMRq5KoWJIwCQQM9SDUB8U+Hxoo1g67po0wtsF79sj8ktnGN+duc8YzXNZk/W8T/AM/JfeyL/hEdF/59ZP8AwJl/+Ko/4RHRf+fWT/wJl/8AiqsX/iPRNLsIL7U9Z0+ztLjHk3FxdJHHLkZG1iQDkc8dqtm+tBp5vzdQizEXnG48weX5eM793TbjnPTFFmg+uYh/8vH97Mz/AIRHRf8An1k/8CZf/iqP+ER0X/n1k/8AAmX/AOKpZvGHhm30231C48RaTFZXRZYLl76NY5SpwQrFsNg9cdKJfGPhmGG0mm8RaTHFegm1d76ILPg4Ow7vm544zzT5ZdhfXMR/z8f3sT/hEdF/59ZP/AmX/wCKo/4RHRf+fWT/AMCZf/iqR/GnhaPUHsJPEujpeRuUe2a/iEisOqld2QRg8VpXGo2VojPdXlvCqwtOzSSqoEa43Ocn7oyMnoM0rMf1vEXt7SX3szv+ER0X/n1k/wDAmX/4qj/hEdFHS1k/8CZf/iqnl8TaFDo0erza1p0emSnEd692ghc5IwHztPIPftUk+qK/h+bVNFWPVR9mae2S3lBW5IUlQrjI+bgZ560WYLF4ltJVH97Kn/CI6L/z6yf+BMv/AMVR/wAIjov/AD6yf+BMv/xVVp/EuoKyWdvowbVZ5ZBBbTXPlxmKPbumeTaSqfMBwrEkjjGSJtO8Ru1zPY+IbaHSr+38okC5EkMqysVjMchVS2WG3BVTu4wQQS+WTVw+t4nf2kvvY7/hD9D37vsb7sYz9okzj/vql/4RHRf+fWT/AMCZf/iq0jqFkCwN3ACkwgYGUfLIcEIefvHcMDryPWopdZ02GCOZ7632Sq7RESqfNCAltvPzYAJOOmKnZXD63iG7e0l97KX/AAiOi/8APrJ/4Ey//FUf8Ijov/PrJ/4Ey/8AxVZ2geMpNbvbneNDhtLaMyTiLWRNdWo6gTQiMLGeDn94QCDyetbV14h0WxhuJr3V7C2itghnea5RFiD/AHNxJ+Xd2z17VTjJOzD65iP+fj+9lb/hEdF/59ZP/AmX/wCKo/4RHRf+fWT/AMCZf/iq0rG/s9Uso7zTbuC8tZRmOe3kEiOM44YcHkVDZ63pWoJdPYanZ3S2blLlobhHEDDqHwflI9DS1QfXMQ/+Xj+9lP8A4RHRf+fWT/wJl/8AiqP+ER0U/wDLrJ/4Ey//ABVWbXxFol7pM2qWWsWFxp8G7zbuK6R4o9oy25wcDA5OTxSDxJoZ0Q6yNZ086WDg3wuk8jrt/wBZnb1469eKLSD65iH/AMvH97K//CI6L/z6yf8AgTL/APFUf8Ijov8Az6yf+BMv/wAVV2x1rS9Uhgm03UrO8iuAxhe3nWRZdpw20g84PBx0p9vqlhdqDaX1tOGQyAxTK2VBwW4PTIIz6ik7rcPrmI/5+P72Z/8AwiOi/wDPrJ/4Ey//ABVH/CI6L/z6yf8AgTL/APFVYuPEeh2bWS3es6fA2oY+xiW6RTc5xjy8n587h0z1HrVl9Rso1lZ7y3VYZVhkJlUBJGxtQ88Mdy4HU7h607MPrmI/5+P72Z3/AAiOi/8APrJ/4Ey//FUh8MxWw36NfXunTDkFLhpYz/vRuSpH0wfcVojVLAiIi+tiJpmgi/fL+8lXO5F55YbWyByNp9KyrjxjpDrf22h6hp+r6vaRSuNLt76MzO6A5TaCSpyMHjinHmvoP63iL2c2/V3XzT0+80NG1We7nnsdUiSDUbUAyLGTslQ/dkTPO04IweQQR6E6z/dNcm11cS+INFvJ7NrKVr2409lLZ8yLy3cNnA4JhUiurYfKeTXsYao6lO8tzHERinGcVbmV7dtWn+Vx1cj4f/5Kf4v/AOuNh/6BJXW49zXI+Hx/xc/xfyf9TYf+gSV0nKdYf9ev+638xTm+6aYR+/Xk/dP8xTmX5TyaAHUi9/rRj3NIo68nrQAp+8KWmkfMOTS49zQBwXwQ/wCSP6P/ANdLr/0qlrvR3+tcD8ER/wAWf0jk/wCsuv8A0qlrvVXryetACn7y0p6GmkfMvJoI4PJoAUfdFNH+vb/dX+ZpQPlHJpoH79uT90fzNAD27fWlPQ01l6cnrQRweTQAq/dH0oH3jSKPlHJ6UAfMeTQAkv3B/vL/ADFPqOUfIOT95f5in49zQAL92j+P8KRR8vU0Y+fqelACt2+tLTWHTk9aXHuaAGxfcP8AvN/M07+L8KZEPkPJ+838zTtvz9T0oAV/umlprD5TyaXHuaABe/1pp/16/wC638xSqOvJ600j9+vJ+6f5igB7fdNLTWX5TyaXHuaABe/1oP3hSKOvJ60EfMOTQA6ikx7mjHuaAAd/rQfvLSKvXk9aCPmXk0AOPQ0g+6KQjg8mgD5RyaAEH+vb/dX+ZrlPip/yTDWv+uI/9DWuqA/ftyfuj+ZrlPimP+LY61yf9SP/AENaAOvopMe5ooA5nVCf+FkeHvl/5cr7v7wV0cpOwfL/ABL39xXO6oR/wsnw9z/y5X384K6KUjYOf4l/mKAH5P8Ad/WkUnb939adketNUjb1oATJ3/d7etKxO0/L+tGRv69qGI2nmgBcn+7+tMiJ2H5f4m7+5qTI9ajiI2Hn+Jv5mgB2Tu+729aRidp+X9aXI3de1DkbTzQAuT/d/WkUnn5e/rTsj1pqkc896AFyf7v60jE7T8v607I9aaxG080ALk/3f1pqk8/L39afketNUjnnvQAEncPl/Wlyf7v60hI3DmnZHrQBHCT5Efy/wjv7U4E5Py9/WmwkeRHz/CP5U8EZPPegBpJ3D5f1pSTg/L+tBI3LzSkjB5oAQE4Hy/rTQT57fL/CO/uaeCNo5pgI89uf4V/maAHMTx8vf1pcn+7+tIxHHPenZHrQA1Sdo+Xt60Ancfl/WlUjaOe1ICNx5oAbKTsHy/xL39xT8n+7+tMlI2Dn+Jf5ipMj1oAapO37v60mTv8Au9vWlUjb1oyN/XtQAMTx8vf1pcn+7+tIxHHPenZHrQB5drFtfahqniGPRlvJLu11u0ndbFoBOii3TlfP/d5/3qrf2H4mggsruG01yOZdQuZpHt3077cVkjUBpQ5+z5LAj5Oihe+as6ZNd6d8S/GuqW0b3FrHe28d5BGNz7DaxESKB94qc8dSGOORg+hWd7bahapc2M8c8LjKvG2Qa8SsnSnJW3d/y/yO/ER9ooVltZL5pW1/NeXzPNL/AEDxbeWtzeXNtdvevHpu17aS1FwfJu5Xbhj5PmiNkJ/gLE7cirOk6Pr2nagNcuNGv75lvZpDbXEtoL2XzIIkEzbHWDcvllAFZfkPOWzn0mipdZ66b/8AA/yOVq7u/L8Dy7T31fTtWXT4/Dd7eG0hu7mWKymtgtu13KXiizJKmdqqwO0EZPHHNa1lZXWv/BnT7O0gKXUNvBG9tMwHmNbyKJIiQSMMYmXOcYPPFd3RUuppou34X/zFZ83M/P8AG3+Rymo2d/rPgfWIYdB/su7vS5S1aWIySHgb5ChKBjj+83AGTngYvj3RfEes3Gr2Wk2UqQX2m+RHc2YtFE7bZMx3LzbpNoJ+URrxvbLDPy+i0UlNp6Dj7ruYFvplw3iSO6uLfFsdJW2fcynD78lSAfTv0965W30PU9V8O6mVUTzWNzBZWsfmgi6gs5wxGTgBnIdDk4yoyfT0hgGUqwBBGCD3qK0tLawtIrWxt4ra3hUJHDCgREUdAFHAHtRGbX9edwSt/Xlb9F9xxeqLr9xbWV1p3hmbTC1zO8wsjZSX8OQMSAyt5Kl8Nv5c4K9ySux4E0y/0fwjBY6tEY7uOecv86PuDTOwbKADkEHhV6/dXoOioo5/d5bBbW5ga5a31trVlrumWb6g9tDLbTWcciJJJHIyNuQuQpZTGOGZQQW5yADz+t6ZrutLNrR0WaKWOWxFtppnhNw0cV0ssrMd/lAkD5VDnheSC2B39FEZuLTXTYZ5xDBr95qU6S+FNSs4rrXrfUPPnuLQpFEixA7gk7Nn92eAD2qLTvBOs3A0mXWIFilt5rq3CpIr/ZbZ4plDdeWd3UkDsEB+6TXplFDndWt/VkvyRHLaXN/W7f5s83bw/rF9pVjp6aB/Zp0fS7i0E3nQlLotB5Yjh2sWEZYBiZNh+VeCc7Z59I8QaXpdtaWWnSXrw3CTyahCtq12d0LKWjEzLEsqkBSSNuxsKCcgeg0U3Ubbff8AzuVZJJLp/wAMcr4N0bUtO8L31jqYkiupru5kWWR42ZxI5ZXPlBVz83ICjkH2JyLTQtUuPBcujyeHIbC5s7K1tfPeaIjUPJbJjG3cREwBAL4P7w5Uc59Bopc7X4fgH/B/HU831vw/rviF9Q1a20+60d2NjssmktmuJ/s8ryM3WSENhgF3EjKDO0c1TU6rpuoW9pJout6jd6nfjU5o557AXAjt1jXewjMcQYuYhgMxKjJIxtr1SiqjUt0/rT/JA0nv2t+h5Vo9lrOs3ot4dOuNOFvqmow6k088YktorgpOpQxu2WKOq5B+Ukntze0vwRq9utvDbXd3oUNvYzwKLEWzBt1w7IhEiOANhB4xjOM9q9HoqZTv/Xlb9RvWXM/61v8AoeSz+DfEUVrFAYtTlivdEtdPmgsZLAJG0aMrJMbhHOzLk7ot38XykgZ07vwXr0g1KSPUb4JJrFncJYh7YxTxxm23yMxj8zP7tzgMudo45wfR6Kv20ubm/re5Cikkl0/ysecab4S1kXtpealZrmx126ntYlmVttvI8zmU84DN5irjkgAdMsBb8O+GNZstS0K8upJorWBbgDS8wmLTkYYjQMo3uwGASXYZzjAxXeVDd3dvY2r3N7PHBBGMvJIwVVHuTUOb1NLOctN3/n/wTM1r5tc8OIvLf2g749hazgn9R+dbzE7T8v61gaSkur63/bc6NFaRRNFYRyKVZgxBeUg9M4AUHnAJ/iroHI2nmvVwkHGnr1NcV7vJT6xVn63b/C+vmLk/3f1rkfD5P/Cz/F/H/LGw7/7Eldfketch4fI/4Wf4v5/5Y2H/AKBJXWcZ1ZJ89fl/hPf3FOYnafl/Wmkjz15/hb+YpzEbTzQAuT/d/WmqTz8vf1p+R601SOee9AASdw+X9aXJ/u/rSEjcOadketAHAfBEn/hT+kcf8tLrv/09S13oJ5+Xv61wfwRI/wCFP6Rz/wAtLr/0qlrvARzz3oAQk7h8v60pJwfl/Wgkbl5pSRg80AICcD5f1poJ89vl/hHf3NPBG0c0wEee3P8ACv8AM0AOYnj5e/rQScH5f1oYjjnvSkjB5oARSdo+Xt60Ancfl/WlUjaOe1ICNx5oAbKTsHy/xL39xT8n+7+tMlI2Dn+Jf5ipMj1oAapO37v60mTv+729aVSNvWjI39e1AAxPHy9/Wlyf7v60jEcc96dketAEcROw/L/E3f3NOyd33e3rTYiNh5/ib+Zp2Ru69qAEYnafl/WnZP8Ad/WkcjaeadketADQTz8vf1ppJ89fl/hPf3FOUjnnvTSR568/wt/MUAOYnafl/Wlyf7v60jEbTzTsj1oAYpPPy9/WlJO4fL+tCkc896CRuHNAC5P939aMn+7+tLketGR60ANBPPy9/WkJO4fL+tKCOee9BI3LzQAEnB+X9aATgfL+tKSMHmgEbRzQAwE+e3y/wjv7muU+KZP/AArHWuP+WI7/AO2tdWCPPbn+Ff5muU+KhH/Csda5/wCWI/8AQ1oA67J/u/rRS5HrRQBzOqAf8LJ8Pcf8uV9/OCuilA2Dj+Jf5iub1RG/4WR4e/eN/wAeV9zgesHtXRSo2wfvX+8vYeo9qAJcD0pFA29KTy2/56v+Q/wpFRtv+tf8h/hQA7A39O1DAbTxTdjb/wDWv09B/hQyNt/1r/kP8KAH4HpTIgNh4/ib+ZpfLb/nq/5D/CmRI2w/vX+83Yep9qAJMDf07UOBtPFN2Nu/1r9PQf4UMjbT+9f8h/hQA/A9KRQOeO9J5bf89X/If4Uio3P71+voP8KAH4HpSMBtPFJ5bf8APV/yH+FIyNtP71/yH+FAD8D0pFA5470nlt/z1f8AIf4Uio3P71+voP8ACgBxA3DilwPSmFG3D96/5D/Cl8tv+er/AJD/AAoASEDyI+P4R/KngDJ471FCjeQn71/ujsPT6U4I2T+9fr6D/CgBxA3LxSkDB4phRty/vX/If4UFGwf3r/kP8KAHgDaOKYAPPbj+Ff5mgI2B+9f8h/hTQjee371/ujsPU+1AEjAccd6XA9KYyNx+9fr6D/Cl8tv+er/kP8KAHKBtHHakAG48U1UbaP3r9PQf4UBG3H96/wCQ/wAKACUDYOP4l/mKfgelRSo2wfvX+8vYeo9qf5bf89X/ACH+FACqBt6UYG/p2pqo23/Wv+Q/wo2Nv/1r9PQf4UAOYDjjvS4HpTGRuP3r9fQf4Uvlt/z1f8h/hQBxng4D/hYXj3/r/tf/AEkjreu/C+kXd41w9qYZ5OXltZnt3c+rNGVJP1rn/B6E/EHx5+8Yf6fa9hz/AKJH7V2mxt3+tfp6D/CplGMlaSuaU6tSk705NejsYzeENMCnEuqf+De6/wDjlL/wh+l/89dU/wDBvdf/ABythkbaf3r/AJD/AApfLb/nq/5D/Co9hS/lX3G31zE/8/JfezFHhDTDn97qnX/oL3X/AMcpp8I6Z5yjztUwVJ/5C917f9NK21Ruf3r9fQf4U0o3nr+9f7p7D1HtR7Cl/KvuD65if+fkvvZkN4Q0wKf3uqf+De6/+OUv/CH6X/z11T/wb3X/AMcrYZG2n96/5D/Cl8tv+er/AJD/AAo9hS/lX3B9cxP/AD8l97MUeENMOf3uqdf+gvdf/HKD4Q0zI/e6p/4N7r/45WyqNz+9fr6D/Cgo24fvX/If4Uewpfyr7g+uYn/n5L72Y/8Awh+l/wDPXVP/AAb3X/xymReEdMaFCZtUyVBP/E3uv/jlbnlt/wA9X/If4UyFG8hP3r/dHYen0o9hS/lX3B9cxP8Az8l97MgeENM5/e6p1/6C91/8coPhDTNw/e6p/wCDe6/+OVshG5/ev19B/hQUbcv71/yH+FHsKX8q+4PrmJ/5+S+9nCPokA+JsWki71T7E2jvcmL+1bn/AFgmRQ2fMz0JGM4roh4Q0vH+t1T/AMG91/8AHKzJUb/hc0P7xv8AkX5ecD/n4T2rrAjYH71/yH+FHsKX8q+4PrmJ/wCfkvvZiDwjpnnMPO1TAUH/AJC917/9NKcfCGmD/lrqnX/oL3X/AMcrXCN57fvX+6Ow9T7U5kbj96/X0H+FHsKX8q+4PrmJ/wCfkvvZjHwhpeD+91T/AMG91/8AHKB4Q0wqP3uqf+De6/8AjlbJRsH96/5D/ChUbaP3r9PQf4Uewpfyr7g+uYn/AJ+S+9mMPCGmbj+91T/wb3X/AMcpsnhHTFUETap94D/kL3Xr/wBdK2wjbj+9f8h/hTZUbYP3r/eXsPUe1HsKX8q+4PrmJ/5+S+9mT/wh+l/89dU/8G91/wDHKQeENMI/1uqf+De6/wDjlbXlt/z1f8h/hSKjbf8AWv8AkP8ACj2FL+VfcH1zE/8APyX3sxv+EQ0zdjzdU6f9Be6/+OUHwhpgx+91Tr/0F7r/AOOVs7G3/wCtfp6D/Chkbj96/X0H+FHsKX8q+4PrmJ/5+S+9mP8A8Ifpf/PXVP8Awb3X/wAcp1n4V0eCZbhrVriaNyY5LueS4ZDk8gyM2D7itfy2/wCer/kP8KZEjbD+9f7zdh6n2oVGmndRX3CeLxLVnUl97JMDf07UOBtPFN2Nu/1r9PQf4UMjbT+9f8h/hWpzD8D0rkfD4H/Cz/F/H/LGw/8AQJK6zy2/56v+Q/wrkdARv+FneL/3jf6mw5wP7kntQB1pA89eP4W/mKcwG08VGUbz1/ev909h6j2pzI20/vX/ACH+FAD8D0pFA5470nlt/wA9X/If4Uio3P71+voP8KAHEDcOKXA9KYUbcP3r/kP8KXy2/wCer/kP8KAOD+CIH/Cn9I4/5aXX/pVLXegDnjvXA/BJCfhBpBEjD95dcAD/AJ+pfau8CNz+9fr6D/CgBxA3LxSkDB4phRty/vX/ACH+FBRsH96/5D/CgB4A2jimADz24/hX+ZoCNgfvX/If4U0I3nt+9f7o7D1PtQBIwHHHelIGDxTGRuP3r9fQf4UFGwf3r/kP8KAHqBtHHakAG48U1UbaP3r9PQf4UBG3H96/5D/CgAlA2Dj+Jf5in4HpUUqNsH71/vL2HqPan+W3/PV/yH+FACqBt6UYG/p2pqo23/Wv+Q/wo2Nv/wBa/T0H+FADmA4470uB6Uxkbj96/X0H+FL5bf8APV/yH+FACRAbDx/E38zTsDf07VHEjbD+9f7zdh6n2p2xt3+tfp6D/CgBzgbTxS4HpTGRtp/ev+Q/wpfLb/nq/wCQ/wAKAFUDnjvTSB568fwt/MUBG5/ev19B/hTSjeev71/unsPUe1AEjAbTxS4HpTGRtp/ev+Q/wpfLb/nq/wCQ/wAKAFUDnjvQQNw4pqo3P71+voP8KCjbh+9f8h/hQA/A9KMD0pvlt/z1f8h/hR5bf89X/If4UAKAOeO9BA3LxTQjc/vX6+g/woKNuX96/wCQ/wAKAHkDB4oAG0cUwo2D+9f8h/hQEbA/ev8AkP8ACgAAHntx/Cv8zXKfFQD/AIVjrXH/ACxH/oa11IRvPb96/wB0dh6n2rlPimjD4Y61mRj+5HUD++vtQB2GB6UU3y2/56v+Q/wooA5zVCf+Fk+HuP8Alyvv5wV0UpOwcfxL/MVzuqEf8LJ8Pc/8uV9/OCuilI2Dn+Jf5igB+T/dpFJ2/dp2R601SNvWgAyd/TtQxO08UZG/r2oYjaeaAFyf7tMiJ2Hj+Jv5mpMj1qOIjYef4m/maAHZO/7vahidp4oyN3XtQ5G080ALk/3aRSeeO9OyPWmqRzz3oAXJ/u0jE7T8tOyPWmsRtPNAC5P92kUnnjvTsj1pqkc896AAk7hxS5P92kJG4c07I9aAI4SfIj4/hH8qcCcn5e9NhI8iPn+Efyp4Iyee9ACEncvFBJweKCRuXmlJGDzQAgJ2j5aaCfPbj+EfzNPBG0c0wEee3P8ACv8AM0AOYnj5e9Lk/wB2kYjjnvTsj1oAapO0cdqATuPFKpG0c9qQEbjzQA2UnYOP4l/mKfk/3aZKRsHP8S/zFSZHrQA1Sdv3aMnf07UKRt60ZG/r2oAGJ4470uT/AHaRiOOe9OyPWgDifBxP/CwvHvH/AC/2v/pJHXaZO/7vauL8HEf8LC8e/wDX/a/+kkddpkbuvagAYnaeKXJ/u0jkbTzTsj1oAapPPHemknz14/hP8xTlI55700keevP8LfzFADmJ2n5a5tfiJ4XdQyanuVhkEQSEEf8AfNdIxG081znw7I/4VxoPP/LlH/KgBF+IXhnn/iY9/wDnhJ/8TQfiF4Z3D/iY/wDkCT/4mukUjnnvQSNw5oA5z/hYXhn/AKCP/kCT/wCJpkXxB8MiFAdR6KP+WEn/AMTXUZHrUcJHkR8/wj+VAHOj4heGef8AiY9/+eEn/wATQfiF4Z3D/iY/+QJP/ia6QEc896CRuXmgDhtO1ez1z4spd6XIZ4I9DliZ9jKA3nxnHIHY13IJ2j5aUkYPNAI2jmgBgJ89uP4R/M05iePl700Eee3P8K/zNOYjjnvQAEnB4oUnaOO1KSMHmhSNo57UAICdx4pspOwcfxL/ADFOBG4802UjYOf4l/mKAH5P92kUnb92nZHrTVI29aADJ39O1DE8cd6Mjf17UMRxz3oAXJ/u0yInYeP4m/makyPWo4iNh5/ib+ZoAdk7/u9qGJ2nijI3de1DkbTzQAuT/drkfD5P/Cz/ABfx/wAsbD/0CSuk1TT4NX0m60+6ZliuYmjZo22suR95T2YdQexAr5n8C6T451r4zX/hbxJrN5LY6bIj6tJu2m8ihz5Ku3VlfeOCclSSc4oA+nyT568fwn+YpzE7T8tNJHnrz/C38xTmI2nmgBcn+7SKTzx3p2R601SOee9AASdw4pcn+7SEjcOadketAHAfBEn/AIU/pHH/AC0uv/SqWu9Unn5e9cH8ESP+FP6Rz/y0uv8A0qlrvARzz3oACTuXigk4PFBI3LzSkjB5oAQE7R8tNBPntx/CP5mngjaOaYCPPbn+Ff5mgBzE8fL3oJODxQxHHPelJGDzQAik7Rx2oBO48UqkbRz2pARuPNADZSdg4/iX+Yp+T/dpkpGwc/xL/MVJketADVJ2/doyd/TtQpG3rRkb+vagAYnjjvS5P92kYjjnvTsj1oAjiJ2Hj+Jv5mnZO/7vamxEbDz/ABN/M07I3de1AAxO08UuT/dpHI2nmnZHrQA1SeeO9NJPnrx/Cf5inKRzz3ppI89ef4W/mKAHMTtPy0uT/dpGI2nmnZHrQA1SeeO9BJ3DihSOee9BI3DmgBcn+7Rk/wB2lyPWjI9aAGqTz8vegk7l4oBHPPegkbl5oACTg8UAnaPlpSRg80AjaOaAGAnz24/hH8zXKfFMn/hWOtcf8sR/6GtdWCPPbn+Ff5muU+KhH/CsNa/64j/0NaAOuyf7tFLketFAHM6oB/wsnw9wP+PK+/nBXRSqNg4H3l7e4rnNUB/4WR4e5/5cr7+cFdHKDsHP8S/zFAD9o9B+VIqjb0H5UuD60ig7ev6UAGBv6DpQyjb0H5UYO/r29KGB2nn9KAF2j0H5UyJRsPA+83b3NPwfX9KZEDsPP8TfzNADto3dB09KGA2ngUYO7r2oYHaef0oAXaPQflSKo54HX0pcH1/SkUHnnv6UALtHoPypGUbTwPypcH1/SkYHaeaAF2j0H5Uigc8DrS4Pr+lIoPPPf0oACo3DgflS7R6D8qQg7hz+lLg+v6UAMhUeRHwPujt7U4KMngdfSmwg+RHz/CP5U4A5PPf0oACBuXgUpUYPA/KkIO5ef0oIODz+lAChRtHA/KmBR57cD7o7e5pwB2jn9KaAfPbn+EfzNADmUccDr6Uu0eg/KkYHjnvS4Pr+lACKo2jgdPSgKNx4H5UKDtHPb0oAO48/pQA2VRsHA+8vb3FP2j0H5UyUHYOf4l/mKfg+tACKo29B+VGBv6DpQoO3r+lGDv69vSgAZRxwOvpS7R6D8qRgeOe/pS4Pr+lAHFeDgP8AhYXj3j/l/tf/AEkjrtNo3dB09K4vwcD/AMLC8ec/8v8Aa/8ApJHXaYO7r2oAGA2ngUu0eg/KkYHaef0pcH1/SgBFUc8Dr6U0qPPXgfdPb3FOUHnnv6U0g+evP8J/mKAHMo2ngflXOfDsD/hXGhcD/jyj/lXRsDtPNc58Owf+FcaFz/y5R/yoA6NQOeB1oKjcOB+VCg889/Sgg7hz+lAC7R6D8qZCo8iPgfdHb2p+D6/pTIQfIj5/hH8qAHBRzwOvpQQNy8CgA8896bI2wbmPCgk8e1AGLqGq3Vxqb6ToMcRniAN1dzKTHbAjIGBje5HO3IAGCTyAYx4dkkG671zVZpD1ZJxEPwVFAAo8Ixn/AIRazupOZr5Ptkzery/Ofyzj6AVtV4VSvOo730PTqVPq83SpaW0v1b6u/wCi6eepi/8ACMx5z/aur5/6/mo/4RmP/oLav/4HPW1RWfNLuZ/Wq38xi/8ACMp/0FtX/wDA56P+EZT/AKC2r/8Agc9bVFHNLuH1qt/MYv8AwjKf9BbV/wDwOeg+GYz11XV//A5q2qKOaXcPrVb+Yxf+EaT/AKC2r/8Agc9H/CMx/wDQW1f/AMDnraoo5pdw+tVv5jF/4RmP/oLav/4HPR/wjKf9BbV//A562qKOaXcPrVb+Yxf+EaT/AKC2r/8Agc9A8Mxjpqur/wDgc1Sa/wCIYPD1qJ7m0u7lCkrn7NGGIEcbSHOSOoUge+PrWbJ40la8v4dP8L6zqEenzGGa4ge0VNwRXIAknVjgMO1P37Xv+IfWq38xe/4RmP8A6C2r/wDgc9H/AAjMf/QW1f8A8DnrQ0vUItW0i01G2V1hu4EnjWQAMFZQwBwSM4NWqTc07NiWLrNXUjF/4RpP+gtq/wD4HPUEXgyxhvJ7uG91KO5uAqzTLdsHkC52hj1OMnGema6Gijml3H9arfzGL/wjMec/2rq+f+v5qP8AhGY/+gtq/wD4HPW1RRzS7h9arfzGL/wjSf8AQW1f/wADno/4RmP/AKC2r/8Agc9bVFHNLuH1qt/MYv8AwjQHMes6ujdm+1lsfgwI/MUR3+oaHPHHrkqXljK4RL9YxG8LHgCVR8uCeN64AOMgdak1nxDBos8Mc9pdz+bE8u6CMMqhWRcHJHJMgx9D6VoXlpDf2U1pdIJIJ4zHIh7qRg1cKtSDumNYhyfLW1Xor/J/0u5x3wRA/wCFP6RwP9Zdf+lUtd6FHPA6+lcH8E42i+EOkxlslZbsE+v+lS13gB55717qd1c4ZLlk0BA3LwKUqMHgflSEHcvP6UEHB5/SmSKFG0cD8qYFHntwPujt7mnAHaOf0poB89uf4R/M0AOZRxwOvpSlRg8D8qRgeOe9BBwef0oAFUbRwOnpQFG48D8qFB2jnt6UAHcef0oAbKo2DgfeXt7in7R6D8qZKDsHP8S/zFPwfWgBFUbeg/KjA39B0oUHb1/SjB39e3pQAMo44HX0pdo9B+VIwPHPf0pcH1/SgBkSjYeB95u3uadtG7oOnpTYgdh5/ib+Zp2Du69qABgNp4FLtHoPypGB2nn9KXB9f0oARVHPA6+lNKjz14H3T29xTlB557+lNIPnrz/Cf5igBzKNp4H5Uu0eg/KkYHaeaXB9f0oARQOeB1oKjcOB+VCg889/Sgg7hz+lAC7R6D8qNo9B+VGD6/pRg+v6UAIFHPA6+lBA3LwKADzz3oIO5ef0oAUqMHgflQFG0cD8qQg4PP6UAHaOf0oAaFHntwPujt7muU+KgH/Csda4H+pH/oa11YB89uf4R/M1ynxTB/4VjrXP/LEf+hrQB120eg/KijB9f0ooA5jVJF/4WR4eOG/48r7+A+sFdFLKuwcP95f4D6j2rn9UP/FyfD3/AF5X384K6OU/IP8AeX+YoAPNX0f/AL4P+FIsq7ej/wDfB/wqTNIp+WgBnmrv6P0/uH/ChpV29H/74P8AhTs/P+FKx+U0AN81fR/++D/hTIpV2Hh/vN/AfU+1TZpkR+Q/7zfzNACeau7o/T+4f8KGlXaeH/74P+FPz8/4Ujn5TQAnmr6P/wB8H/CkWVeeH6/3D/hUmaRT1+tADfNX0f8A74P+FI0q7Tw//fB/wqTNIx+U0AN81fR/++D/AIUiyrzw/X+4f8KkzTVPX60ANMq7hw//AHwf8KXzV9H/AO+D/hTifmFLmgCGGVfITh/uj+A+n0pwlXJ4fr/cP+FLCf3Ef+6P5U4Hk/WgBhlXcvD/APfB/wAKDKuDw/8A3wf8KcT8y0pPBoAYJVwOH/74P+FNEq+e3D/dH8B9T7VKD8opoP79v91f5mgBGlXjh+v9w/4Uvmr6P/3wf8Kcx6fWlzQBGsq7Rw/T+4f8KBKu48P/AN8H/CnqflH0oB+Y0ARSyrsHD/eX+A+o9qf5q+j/APfB/wAKJT8g/wB5f5in5oAjWVdvR/8Avg/4Ueau/o/T+4f8Kep+Wkz8/wCFADWlXjh+v9w/4Uvmr6P/AN8H/CnMen1pc0AcP4PkA+IPjzhub+1/hP8Az6R12nmru6P0/uH/AArjvB3/ACULx7/1/wBr/wCkkddpn5/woAY0q7Tw/wD3wf8ACl81fR/++D/hSuflNOzQBGsq88P1/uH/AApplXz14f7p/gPqPapVPX600n9+v+638xQAjSrtPD/98H/Cuc+Hkqj4c6EMN/x5R/wH0rpmPymub+HZ/wCLcaD/ANeUf8qAOhWVeeH6/wBw/wCFBlXcOH/74P8AhTlPX60pPzCgBvmr6P8A98H/AApkMq+QnD/dH8B9PpU2aZCf3Ef+6P5UAIJV54fr/cP+FR3EgaFwquSVYAbD6fSp1PX60hPzLQNOzuYXhNg3gvRCpyP7Pg/9FrXnXxF0dr3xnfzSacJvM0mCO1n/AOEenv5BIHmJEM8fy27jK/MwOCVOPlrvdJlGhXraDekRxmRm02Vj8ssZJby8/wB5MkY7qAfXG/Xz8ealKz3R34pNVZSW0tV5q9/+H7bbnmlrqXiDSfGWrxW1tL5d5qNu4tZNGupfNUwQI7C8VhCgG1vvA8ofUVzmsaFJIlmuo6UDjSnjR7jwzcak8bmaU4jaPHkvgg7jnsccV7dRTc7tPt/lY5e55VeabJNPdm90G/fxPM9u+lX32d5vsqCKP5ftQG2MKwl3qWXflvlbeAai6r4ev/EVn4kGk3a3NzrsbRalLodwuLcxeRH/AKQYsbGbaQN38YyBzXsFVhp1kLGOyFnbi1i2+XB5S+Wm0grhcYGCAR6ECqVRXu1/Wn+S/ElRSjb+uv8An+COQ8c2NrPrljca7o17rGlJaTpHDZ27ztHdFkKMAnKNtDBZcqFOfmXPL9T8I6Td/EbR9Ul8N2kz/ZLmSe5ks0dvNUweUXkwfnADbSTng4NdrRUKbSSXS/43/wA/wRXW54/omjC/8Zabc3PhaG0gujcw6nC2izbgXjYlLi6lOLpWZc7gm3OBu5Xdp6d4fsvCXg6fXLLQobG703Vbm7kWC1EUktutxMuMAAsPIdig6fdxXptVr7T7bUoUhvFZ41kWTYsjKGI5AYAjcv8AsnIPcVbqt2Wy0F3v11/Cx55qeiRQy6XL4n0S+1e3axmfy7KB5miv5JFkJGzmN+SFlJUJtPzLnnP+INjcajrGoPB4c3X1qkT2t02kz3s8qqFfdDOrKlsUO75QWZiCQpJAb1yilGrZp22/zv8A8D0+8TV00+v9f15gDkVzOg2lxC3irzreWPz9SkeLchHmKYIgCvqMgjI9DXTUVl0a7q35f5FdU+zv+f8AmeTtpMKaXYJ4l8PX+oyf2DaQ6YIrGSZrW5VW8wAqP9Hk3GM+YxToPmGw4ytZ1DSryC51TWdMu7vUtLmsIP7SOizzLH9mmVrqRJxEVVQ3mg4YZ2Hjpn22qx06yNlLZmztzazb/Ng8pdkm8kvuXGDuJJOeuTmuhVve5mut/wAb/wDD9yYxUVFdv6/TT5nDWlrLp+u3+q6xp9xc2q3l21iYLGSV7dmUEvtUMW3qGAdQMfd531zZ8FtpvhWw/srw4tnqE/hG5hvGt7EB3uCLfCyFBlnyH4JycN717MBgYHSiop1XBJLyX3Jr9R66+dzy46RdtrRS/wBOln8VNqsMi6xDp8iQ/YwybwkpLrGnlh0MRfJYk7TuBMV3oHjCztbLSba0tw+n+H72ysb+zuZGMjYgVC4KIInYJkAO3OeRjNerUUKq0rf1tb+vVji+V3R4/YaHejRNUGiWqWySJaqILfw1cadF5yzod7RSTFpGC53MoAIHL8DGlqWk60dZvpfEsK6vpxuLNr5LHTZFS5gVJhtEReQybZGjZlBOQOnY+nUUOo27k8v9fK39eZzHge1NrY6j9ms5rDS5b1n020mhaExQ+WgIETAGNTIJGCkDAPQZxXT0Vka3qbwqum6YQ+q3alYE6+UOhlf0VevueByahtyehrSpSqS5Y/8AAXn6Iwvg1Kv/AAqnTPvH9/d8hSf+XqWu4Eq88P1/uH/CuE+B42/B3RxnpJdD/wAmpa75T1+tfQRVlYxm05NoYZV3Lw//AHwf8KDKuDw//fB/wpxPzLSk8GmQMEq4HD/98H/CmiVfPbh/uj+A+p9qlB+UU0H9+3+6v8zQAjSrxw/X+4f8KDKuDw//AHwf8Kex6fWgng0AMWVdo4fp/cP+FAlXceH/AO+D/hT1Pyj6UA/MaAIpZV2Dh/vL/AfUe1P81fR/++D/AIUSn5B/vL/MU/NAEayrt6P/AN8H/CjzV39H6f3D/hT1Py0mfn/CgBrSrxw/X+4f8KXzV9H/AO+D/hTmPT60uaAIYpV2Hh/vN/AfU+1O81d3R+n9w/4UsR+Q/wC838zTs/P+FADGlXaeH/74P+FL5q+j/wDfB/wpXPymnZoAjEq88P1/uH/CmmVfPXh/un+A+o9qlU9frTSf36/7rfzFACNKu08P/wB8H/Cl81fR/wDvg/4U5j8ppc0ARrKvPD9f7h/woMq7hw//AHwf8Kcp6/WlJ+YUAN81fR/++D/hR5q+j/8AfB/wp+aM0ARiVeeH6/3D/hQZV3Lw/wD3wf8ACnqev1pCfmWgBplXB4f/AL4P+FAlXA4f/vg/4U8ng0A/KKAIhKvntw/3R/AfU+1cp8U5FPwx1oAN/qR1Q/31rrgf37f7q/zNcp8VD/xbDWv+uI/9DWgDq/NX0f8A74P+FFPzRQBzOqAf8LJ8PcD/AI8r7+cFdFKo2DgfeXt7iuc1QH/hZHh7n/lyvu3vBXRyg7B838S9vcUAP2j0H5UiqNvQflS4b+9+lIobb979KADA39B0oZRtPA/Kkwd/Xt6UrBtp+b9KAF2j0H5UyJRsPA+83b3NPw3979KZEDsPzfxN29zQA7aN3QdPShgNp4FGDu+929KRgdp5/SgB20eg/KkVRzwOvpS4b+9+lIoPPzd/SgBdo9B+VIyjaeB+VLhv736UjA7T836UALtHoPypFA54HWlw3979KaoPPPf0oAUqNw4H5Uu0eg/KkIO4fN+lLhv736UAMhUeRHwPujt7U4KMngdfSmwg+RH838I7e1OAOT83f0oACBuXgUpUYPA/KmkHcOf0pSGwfm/SgBQo2jgflTAo89uB90dvc04BsD5v0poB89vm/hHb3NADmUccDr6Uu0eg/KkYHj5u/pS4b+9+lACKo2jgdPSgKNx4H5UKG2j5u3pQAdx+b9KAGyqNg4H3l7e4p+0eg/KmSg7B838S9vcU/Df3v0oARVG3oPyowN/QdKFDbfvfpSYO/r29KAFZRxwOvpS7R6D8qRgePm7+lLhv736UAcV4OA/4WF494/5f7X/0kjrtNo3dB09K4vwcD/wsLx5z/wAv9r2/6dI67TB3fe7elAAwG08Cl2j0H5U1gdp5/SnYb+9+lACKo54HX0ppUeevA+6e3uKcoPPzd/SmkHz1+b+E9vcUAOZRtPA/Kuc+HYH/AArjQuB/x5R/yro2B2n5v0rm/h2D/wAK40Ln/lyj7e1AHSKBzwOtBUbhwPypFB557+lKQdw+b9KAF2j0H5UyFR5EfA+6O3tT8N/e/SmQg+RH838I7e1ADgo54HX0oIG5eBQAefm7+lIQdw5/SgCG+0+01G0e2vraO4hbkpIuRnsfY+9ZQ8LCMBbTWtXto+0YuBIB7AyKx/WtwhsH5v0oAbA+b9KznThP4kb08RVprli9O3T7mYQ8OT+Yy/8ACR6xgAH78Pv/ANM/alPhucf8zHrHX+/D/wDG62gD57fN/CO3uacwPHzd/So+r0v5S/rdby+5f5GGfDU+P+Rj1j/vuH/43QPDU5A/4qPWP++4f/jdWvEesDw94bv9WkiadbOFpTEhAL47Amswa14p2j/iku3/AEEov8KPq9L+UPrdby+5f5FkeG59x/4qPWP++4f/AI3SP4cnVQR4j1jqB9+H1/651XGteKdx/wCKT/8AKlF/hTZNa8UbRnwn/Ev/ADEovUe1H1el/KH1ut5fcv8AIuf8I1P/ANDHrH/fcP8A8bpB4bnI/wCRj1j/AL7h/wDjdV/7a8U/9Cl/5Uov8KRda8U4/wCRT/8AKlF/hR9Xpfyh9breX3L/ACLP/CNz7sf8JHrHT+/D/wDG6D4bnGP+Kj1jr/fh/wDjdVv7a8U7v+RT7f8AQSi/woOteKeP+KT7/wDQSi/wo+r0v5Q+t1vL7l/kUPCFjf694P0zVLzxDqiz3UCySCIxBQT6Axn+da6eHJ2Uk+I9Y6kffh9f+udL4K0u80XwVpenagFjubeAJKqNuCn0z3raiB2H5v4m7e5o+r0v5Q+t1vL7l/kYv/CNz7sf8JHrHT+/D/8AG6G8NzhSf+Ej1j/vuH/43W5g7vvdvSkYHaef0o+r0v5Q+t1vL7l/kYv/AAjU/wD0Mesf99w//G6QeG5zn/io9Y6/34f/AI3W7hv736Uig8/N39KPq9L+UPrdby+5f5GEfDk/mKv/AAkesYIJ+/D7f9M/elPhucKT/wAJHrH/AH3D/wDG62iD56/N/Ce3uKcwO0/N+lH1el/KH1ut5fcv8jE/4Rqf/oY9Y/77h/8AjdIPDc5z/wAVHrHX+/D/APG63cN/e/SmqDzz39KPq9L+UPrdby+5f5GIfDMhIEniDWHU9V82Nc/iqA/ka0NN0aw0iN1sbcI0hzJK7F5JD6s7Esx+pq4Qdw+b9KXDf3v0qo0qcHeKJnias48renbZfgcD8EQP+FP6RwP9Zdf+lUtd6FHPA6+lcF8EQf8AhT+kYP8Ay0uu3/T1LXegHn5u/pWpzgQNy8ClKjB4H5U0g7hz+lKQ2D836UAKFG0cD8qYFHntwPujt7mnANgfN+lNAPnt838I7e5oAcyjjgdfSlKjB4H5UjA8fN39KCGwfm/SgAVRtHA6elAUbjwPyoUNtHzdvSgA7j836UANlUbBwPvL29xT9o9B+VMlB2D5v4l7e4p+G/vfpQAiqNvQflRgb+g6UKG2/e/Skwd/Xt6UAKyjjgdfSl2j0H5UjA8fN39KXDf3v0oAZEo2Hgfebt7mnbRu6Dp6U2IHYfm/ibt7mnYO773b0oAGA2ngUu0eg/KmsDtPP6U7Df3v0oARVHPA6+lNKjz14H3T29xTgG5+bv6U0g+evzfwnt7igBzKNp4H5Uu0eg/KkYHafm/Slw3979KAEUDngdaCo3DgflSKDzz39KUg7h836UALtHoPyo2j0H5UYb+9+lGG/vfpQAgUc8Dr6UEDcvAoAPPzd/SkIO4c/pQA4qMHgflQFG0cD8qQhsH5v0oAbA+b9KAGhR57cD7o7e5rlPioB/wrHWuB/qR/6GtdWAfPb5v4R29zXKfFMH/hWOtc/wDLEdv9taAOu2j0H5UUYb+9+lFAHM6o3/FyPD3B/wCPK+/nBXRyt8g4P3l/mK57VP8AkpPh7/ryvv5wV0Uv3B/vL/MUAO3expFb5ehp1Iv3aAE3fP0PShm+U8Gl/j/ChvumgA3expkTfIeD95v5mpKZF9w/7zfzNAC7vm6HpQzfKeDS/wAX4UP900AG72NIrdeD1p1Ivf60AG72NIzfKeDTqRvumgA3expFbrwetOpF7/WgBC3zDg0u72NB+8KWgCOFv3EfB+6P5U4NyeD1pIf9RH/uj+VOHU/WgBC3zLwaC3B4NKfvLSnoaAGhvlHBpob9+3B+6P5mnj7opo/17f7q/wAzQArN04PWl3exobt9aWgBqt8o4PSgN8x4NKv3R9KB940AMlb5BwfvL/MU/d7Gmy/cH+8v8xT6AGq3y9DRu+foelKv3aP4/wAKAEZunB60u72NDdvrS0AcT4OP/FwvHnB/4/7X/wBJI67Td83Q9K4zwd/yULx7/wBf9r/6SR12n8X4UAIzfKeDS7vY0P8AdNLQA1W68HrTS379eD90/wAxT17/AFpp/wBev+638xQArN8p4Nc58O2/4txoXB/48o/5V0jfdNc58O/+ScaD/wBeUf8AKgDolbrwetBb5hwaVe/1oP3hQAbvY0yFv3EfB+6P5VJTIf8AUR/7o/lQAobrwetBb5l4NKO/1oP3loAQtweDQG+UcGnHoaQfdFADA379uD90fzNOZunB60g/17f7q/zNObt9aAOX+JLf8Wz1/g/8eb106t8o4PSvFP2h73xP4b0ddX0O7aTR7+M2Gp2Uq741Yg7JV7qTyCQQMhcg5rr/AIPnxHqPg1fEXjG+lub/AFgi4ihICx20H/LNVQcDI+YnqQVz0oA7wN8x4NNlb5BwfvL/ADFPH3jTZfuD/eX+YoAdu9jSK3y9DTqRfu0AJu+foelDN04PWl/j/Chu31oAN3saZE3yHg/eb+ZqSmRfcP8AvN/M0ALu+boelDN8p4NL/F+FD/dNABu9jSK3Xg9adSL3+tADC379eD90/wAxTmb5TwaQ/wCvX/db+YpzfdNABu9jSK3Xg9adSL3+tACFvmHBpd3saD94UtAHAfBE/wDFn9I4P+suv/SqWu9DdeD1rg/gh/yR/R/+ul1/6VS13o7/AFoAQt8y8GgtweDSn7y0p6GgBob5RwaaG/ftwfuj+Zp4+6KaP9e3+6v8zQArN04PWgtweDSt2+tKehoAarfKOD0oDfMeDSr90fSgfeNADJW+QcH7y/zFP3expsv3B/vL/MU+gBqt8vQ0bvn6HpSr92j+P8KAEZunB60u72NDdvrS0ARxN8h4P3m/madu+boelJF9w/7zfzNO/i/CgBGb5TwaXd7Gh/umloAardeD1ppb9+vB+6f5inr3+tNP+vX/AHW/mKAFZvlPBpd3saG+6aWgBqt14PWgt8w4NKvf60H7woAN3saN3saWigBobrwetBb5l4NKO/1oP3loAQtweDQG+UcGnHoaQfdFADA379uD90fzNcp8U2/4tjrXB/1I/wDQ1rrB/r2/3V/ma5T4qf8AJMNa/wCuI/8AQ1oA63d7GilooA5fVI1/4WR4eGW/48r7+M+sFdFLEuwcv95f4z6j3rn9Uz/wsnw90/48r7+cFdFLu2Dp95f5igBfKX1f/vs/40ixLt6v/wB9n/Gn/N7Ui7tvagBvlLv6v0/vn/Ghol29X/77P+NO+bf26UNu2npQAnlL6v8A99n/ABpkUS7Dy/3m/jPqfepfm9vzpkW7Yen3m/maADyl3dX6f3z/AI0NEu08v/32f8ad82/t0obdtPSgBPKX1f8A77P+NIsS88v1/vn/ABp/ze350i7uenWgBPKX1f8A77P+NI0S7Ty//fZ/xp/ze350jbtp6UAJ5S+r/wDfZ/xpFiXnl+v98/40/wCb2/OkXdz060ANMS7hy/8A32f8aXyl9X/77P8AjSnduHSl+b2/OgCKGJfITl/uj+M+n1pwiXJ5fr/fP+NEO7yI+n3R/KnDdk9OtADTEu5eX/77P+NBiXB5f/vs/wCNOO7cvSg7sHpQA0RLgcv/AN9n/GmiJfPbl/uj+M+p96kG7aOlNG7z26fdH8zQANEvHL9f75/xpfKX1f8A77P+NK27jp1pfm9vzoAYsS7Ry/T++f8AGgRLuPL/APfZ/wAacu7aOnSgbtx6UARyxLsHL/eX+M+o96f5S+r/APfZ/wAaSXdsHT7y/wAxT/m9qAGLEu3q/wD32f8AGjyl39X6f3z/AI05d23tR82/t0oAa0S8cv1/vn/Gl8pfV/8Avs/40rbuOnWl+b2/OgDiPB8YPxB8ectxf2v8R/59I67Tyl3dX6f3z/jXG+Ds/wDCwvHvT/j/ALX/ANJI67T5t/bpQA1ol2nl/wDvs/40vlL6v/32f8aVt209KX5vb86AGLEvPL9f75/xppiXz15f7p/jPqPepF3c9OtNO7z16fdP8xQANEu08v8A99n/ABrnPh5Ep+HOhHLf8eUf8Z9K6Vt209K5z4d5/wCFcaF0/wCPKP8AlQB0KxLzy/X++f8AGgxLuHL/APfZ/wAacu7np1oO7cOlACeUvq//AH2f8aZDEvkJy/3R/GfT61L83t+dMh3eRH0+6P5UAAiXnl+v98/40GJdy8v/AN9n/GnLu56daDu3L0oAaYlweX/77P8AjQIlwOX/AO+z/jTjuwelUtU1mw0KxF5rF3DZ2u9YzPM21ELHA3N0UE8ZOBkj1oAsiJfPbl/uj+M+p96zdU1VbS5SxsIJL7UZF3rbrKVCLnG926Iv5k9gas3upQ2GnXWpOyvbwW3nllbIZQGbg98ivH/iz46vfhx4JhgtZAviXXSZrmcH5ouOg9Av3F9Ap6E5rKcmtEd2FoRmnOey/wCHd/JLtq20ludR4v8A7LvdKudJ8d+LdPtLe5ULNYQAcDIIyXLN1AIOF5Faej39xc2wbw1r+neIIIlGbUsIpFXthkOF9gUx7ivha7vbm/uXuL2d55nJZndskk1d0HxFqnhrVIdQ0a7ltp4mDAoxAP1FTyT3v+f9fgbrFUG+Vx072j+SSf3Sv5s+/dJ1K21eKRolnhnhbZPbTMVkhb0YZ/IjII5BNXZYl2Dl/vL/ABn1HvXm3hHxknivwppfjiBVju4XWz1RE4DxlgpJH+yWVwe3zgda9Ll3bB0+8v8AMVdOXMtTmxVBUpJx2f5/qtU0+zQvlL6v/wB9n/GkWJdvV/8Avs/40/5vakXdt7VocY3yl39X6f3z/jQ0S8cv1/vn/GnfNv7dKG3cdOtACeUvq/8A32f8aZFEuw8v95v4z6n3qX5vb86ZFu2Hp95v5mgA8pd3V+n98/40NEu08v8A99n/ABp3zb+3Sht209KAE8pfV/8Avs/40ixLzy/X++f8af8AN7fnSLu56daAIzEvnry/3T/GfUe9OaJdp5f/AL7P+NB3eevT7p/mKc27aelACeUvq/8A32f8aRYl55fr/fP+NP8Am9vzpF3c9OtADTEu4cv/AN9n/Gl8pfV/++z/AI0p3bh0pfm9vzoA4D4JRg/CDSCS3+suujEf8vUtd4Il55fr/fP+NcJ8Ec/8Kf0jGP8AWXX/AKVS13q7uenWgBpiXcvL/wDfZ/xoMS4PL/8AfZ/xpx3bl6UHdg9KAGiJcDl/++z/AI00RL57cv8AdH8Z9T71IN20dKaN3nt0+6P5mgAaJeOX6/3z/jQYlweX/wC+z/jTm3cdOtB3YPSgBqxLtHL9P75/xoES7jy//fZ/xpy7to6dKBu3HpQBHLEuwcv95f4z6j3p/lL6v/32f8aSXdsHT7y/zFP+b2oAYsS7er/99n/Gjyl39X6f3z/jTl3be1Hzb+3SgBrRLxy/X++f8aXyl9X/AO+z/jStu46daX5vb86AIool2Hl/vN/GfU+9O8pd3V+n98/40Rbth6feb+Zp3zb+3SgBrRLtPL/99n/Gl8pfV/8Avs/40rbtp6Uvze350AMES88v1/vn/GmmJfPXl/un+M+o96kXdz06007vPXp90/zFAA0S7Ty//fZ/xpfKX1f/AL7P+NK27aelL83t+dADFiXnl+v98/40GJdw5f8A77P+NOXdz060HduHSgBPKX1f/vs/40eUvq//AH2f8ad83t+dHze350AMES88v1/vn/GgxLuXl/8Avs/405d3PTrQd25elADTEuDy/wD32f8AGgRLgcv/AN9n/GnHdg9KBu2jpQBGIl89uX+6P4z6n3rlPinGo+GOtEFv9SOrn++tdaN3nt0+6P5muU+Kef8AhWOtdP8AUj/0NaAOs8pfV/8Avs/40U75vb86KAOZ1Rv+LkeHuD/x5X3b3gro5W+QcH7y9vcVz2qf8lJ8Pf8AXlffzgropfuD/eX+YoAdu9j+VIrfL0P5U6kX7tADd3z9D09KVm+U8H8qX+P8KG+6aADd7H8qZE3yHg/ebt7mpKZF9w/7zfzNAC7vm6Hp6UjN8p4P5U7+L8KH+6aADd7H8qRW68Hr6U6kXv8AWgA3ex/KkZvlPB/KnUjfdNABu9j+VNVuvB6+lPpF7/WgBC3zDg/lS7vY/lQfvCloAjhb9xHwfujt7U4NyeD19KSH/UR/7o/lTh1P1oAaW+YcH8qUtweD+VKfvLSnoaAGhuBwfypob9+3B+6O3uaePuimj/Xt/ur/ADNACs3Tg9fSl3ex/Khu31paAGq3yjg9PSgN8x4P5Uq/dH0oH3jQAyVvkHB+8vb3FP3ex/Kmy/cH+8v8xT6AGq3y9D+VJu+foenpTl+7R/H+FACM3Tg9fSl3ex/Khu31paAOJ8HN/wAXC8ecH/j/ALXt/wBOkddpu+boenpXGeDv+ShePf8Ar/tf/SSOu0/i/CgBrN8p4P5U7d7H8qH+6aWgBqt14PX0ppb9+vB+6e3uKevf600/69f91v5igBWb5TwfyridO8GeI9J02Cw0/wAb3MVtboI4o/7Mgbao6DJBJ/Gu3b7ppaAOPHhzxZz/AMV3c9f+gVb/APxNB8OeLNw/4ru5/wDBVb//ABNdevf60H7woA5H/hHPFv8A0Pdz/wCCq3/+JpsXhzxZ5KY8d3IG0f8AMKt//ia7GmQ/6iP/AHR/KgDkh4c8Wc/8V3c9f+gVb/8AxNB8OeLNw/4ru5/8FVv/APE1147/AFoP3loA5E+HPFuD/wAV3c/+Cq3/APia5f4i6D4mX4f6nDP4kvtbN1F9nj06LSYC1w7cKBtXIx94sOgUntXq56GkH3RQB87eA/hr488I+EdRuNf12S009bYyvoaYn3KMsck5CHgn5Mk9z2rB/art5m8V6LegFrWSy2I/YneTj8jn8a+o3jSZpY5VDo8YVlPQg5yK828WeCLLxZ4aHgzX5fJu7bJ0e+f/AJaxjoM92AwGHU4DcisZ3UlL+v61PTwrjOjKk33+521+Tir+Tb6HxVRXf+Ifgn458P3zwNolxeRA/LParvRh25HT6da1PBfwB8X+JdQj/tOxk0ixDfvJrpdpx/sr1P4fpVe0ic/1OtfVWXfp9+z+XyPQ/gda3EPwL8SSS7vLvHaG3BH8ZG0Y/wCBOte1+OPObwpKtqyxzm5thG8kZdVb7RHglQQSM9sjPqKyfDuj6eIdP0LQEP8AYOhurST8bbq4XooPcK3zEjjcFA6HHay/cH+8v8xUU1e7/rv+p0Y6SSjT6r/KKV/NqN7dLnm39qxadC8d9qS+GbuS+lTWtW2whjIBuh/eSoUCOpGzcDhRsB3c1FaeLvFsylkjtZLZU08yzysYJE82YqzJCYmzvUA4Z1254r1GkX7tbK638jy7HkP/AAm/iKMa7c3GrWCNbW80j2i3KyS6eUcBS0X2ZfLBGf8AWSPnquRXdeHPFdh4j1jWI9K1ez1O2tZIRH9kmSUIGTJ5Unqwbr6H0rpP4/wquLG3j1KW/SPFzNEkMkm48ohYqMdOC7fn9KEtEn0H1bLG72P5UyJvkPB+83b3NSUyL7h/3m/maYC7vm6Hp6UjN8p4P5U7+L8KH+6aADd7H8qRW68Hr6U6kXv9aAGFv368H7p7e4pzN8p4P5Uh/wBev+638xTm+6aADd7H8qardeD19KfSL3+tACFvmHB/Kl3ex/Kg/eFLQBwHwRbHwf0jg/6y67f9PUtd6G68Hr6VwfwQ/wCSP6P/ANdLr/0qlrvR3+tADS3zDg/lSluDwfypT95aU9DQA0NwOD+VNDfv24P3R29zTx90U0f69v8AdX+ZoAVm6cHr6UFuDwfypW7fWlPQ0ANVvlHB6elAb5jwfypV+6PpQPvGgBkrfIOD95e3uKfu9j+VNl+4P95f5in0ANVvl6H8qTd8/Q9PSnL92j+P8KAEZunB6+lLu9j+VDdvrS0ARxN8h4P3m7e5p275uh6elJF9w/7zfzNO/i/CgBrN8p4P5U7d7H8qH+6aWgBobrwevpTS379eD909vcU9e/1pp/16/wC638xQArN8p4P5Uu72P5UN900tADFbrwevpSlvmHB/KlXv9aD94UAG72P5UbvY/lS0UANDdeD19KQt8w4P5U4d/rQfvLQAhbg8H8qA3A4P5U49DSD7ooAYG/ftwfujt7muU+Kbf8Wx1rg/6kdv9ta6wf69v91f5muU+Kn/ACTDWv8AriP/AENaAOt3ex/KilooA5jVFH/CyPD3/Xlffzgro5VGwf7y/wAxXN6oZP8AhZHh75Vz9ivv4veD2ropTJsHyJ95f4j6j2oAl2ikVRtpMy/3E/77P+FIpl2/cT/vs/4UAO2jf+FDKNppuZd/3E6f3z/hQxl2/cT/AL7P+FAD9opkSjYf95v5mlzL/cT/AL7P+FMiMmw/In3m/iPqfagCTaN34UMo2mm5l3fcTp/fP+FDGXafkT/vs/4UAP2ikVRz9aTMv9xP++z/AIUimXn5E6/3z/hQA/aKRlG00mZf7if99n/CkYy7T8if99n/AAoAftFIqjn60mZf7if99n/CkUy8/InX++f8KAHFRuFLtFMJl3D5E/77P+FLmX+4n/fZ/wAKAEhUeRH/ALo/lTgoyfrUcJk8hPkT7o/iPp9KcDLk/InX++f8KAHFRuWgqMGmky7l+RP++z/hQTLg/In/AH2f8KAHBRtFNCjz2/3R/M0Ay4HyJ/32f8KaDJ57fIn3R/EfU+1AEjKOPrS7RTGMvHyJ1/vn/ClzL/cT/vs/4UAKqjaPpQFG401TLtHyJ0/vn/CgGXcfkT/vs/4UAEqjYP8AeX+Yp+0VFKZNg+RPvL/EfUe1PzL/AHE/77P+FACqo20bRv8AwpqmXb9xP++z/hRmXf8AcTp/fP8AhQA5lHH1pdopjGXj5E6/3z/hS5l/uJ/32f8ACgDjPByj/hYXjz/r/tf/AEkjrtNo3fhXE+DzJ/wsHx5hV/4/7XPzf9OkftXaZl3fcTp/fP8AhQA5lG00u0UxjLtPyJ/32f8AClzL/cT/AL7P+FACqo5+tNKjz1/3T/MUKZefkTr/AHz/AIU0mTz1+RPun+I+o9qAJGUbTS7RTGMu0/In/fZ/wpcy/wBxP++z/hQAqqOfrQVG4U1TLz8idf75/wAKCZdw+RP++z/hQA/aKZCo8iP/AHR/KlzL/cT/AL7P+FMhMnkJ8ifdH8R9PpQBIFHP1oKjctNBl5+ROv8AfP8AhQTLuX5E/wC+z/hQA4qMGgKNoppMuD8if99n/CgGXA+RP++z/hQABR57f7o/mag1HTLPVLQ22oW6TxFgdrjoR0IPUEdiORUoMnnt8ifdH8R9T7U5jLx8idf75/wpNJqzKjKUWpRdmjF/sDULZduneIbxIu0d1Glxt+jEBz+LGk/4RmS8UDW9XvL+Ijm2XbBE31CAMw9ixHtW2TLg/In/AH2f8KFMu0fInT++f8Kn2cTo+t1t01fvZX++1/xEht4beNYoI1ijQBVRBhVHoAOlLKo2D/eX+YoBl3H5E/77P+FNlMmwfIn3l/iPqParOZtt3ZLtFIqjbSZl/uJ/32f8KRTLt+4n/fZ/woEO2jf+FDKOPrTcy7/uJ0/vn/ChjLx8idf75/woAftFMiUbD/vN/M0uZf7if99n/CmRGTYfkT7zfxH1PtQBJtG78KGUbTTcy7vuJ0/vn/ChjLtPyJ/32f8ACgB+0UiqOfrSZl/uJ/32f8KRTLz8idf75/woACo89f8AdP8AMU5lG01GTJ56/In3T/EfUe1OYy7T8if99n/CgB+0UiqOfrSZl/uJ/wB9n/CkUy8/InX++f8ACgBxUbhS7RTCZdw+RP8Avs/4UuZf7if99n/CgDg/gioPwf0j/rpdf+lUtd6FHP1rgfgkZP8AhUGkbVUjzLrq2P8Al6l9q7wGXn5E6/3z/hQA4qNy0FRg00mXcvyJ/wB9n/CgmXB+RP8Avs/4UAOCjaKaFHnt/uj+ZoBlwPkT/vs/4U0GTz2+RPuj+I+p9qAJGUcfWgqMGmsZePkTr/fP+FBMuD8if99n/CgByqNo+lAUbjTVMu0fInT++f8ACgGXcfkT/vs/4UAEqjYP95f5in7RUUpk2D5E+8v8R9R7U/Mv9xP++z/hQAqqNtG0b/wpqmXb9xP++z/hRmXf9xOn98/4UAOZRx9aXaKYxl4+ROv98/4UuZf7if8AfZ/woASJRsP+838zTto3fhUcRk2H5E+838R9T7U7Mu77idP75/woAcyjaaXaKYxl2n5E/wC+z/hS5l/uJ/32f8KAFVRz9aaVHnr/ALp/mKAZefkTr/fP+FNJk89fkT7p/iPqPagCRlG00u0UxjLtPyJ/32f8KXMv9xP++z/hQAqqOfrQVG4U1TLz8idf75/woJl3D5E/77P+FAD9oo2im5l/uJ/32f8ACjMv9xP++z/hQAoUc/WgqNy00GXn5E6/3z/hQTLuX5E/77P+FADiowaAo2imky4PyJ/32f8ACgGXA+RP++z/AIUAAUee3+6P5muU+Kaj/hWOtf8AXEf+hrXUgyee3yJ90fxH1PtXKfFMyf8ACsdayqgeSOjf7a+1AHYbRRTcy/3E/wC+z/hRQBzmqMP+Fk+Huf8Alyvv5wV0UrDYOf4l/mKoat4d0fX2i/trTre98jPlecm7ZnGcfXA/KsuX4eeEAox4d0/7y/8ALEeooA6bcPWkVht61zv/AArvwh/0Lun/APfkUi/Dvwhj/kXdP/78igDo9w39e1DMNp5rm/8AhXfhDf8A8i7p/T/niKVvh34Q2/8AIu6f/wB+RQB0m4etMiYbDz/E38zXP/8ACu/CH/Qu6f8A9+RTIvh54QKnPh3T/vN/yxHqaAOl3Df17UMw2nmuc/4V34Q3f8i7p/T/AJ4ikb4d+ENp/wCKd0//AL8igDpdw9aRWHPPeud/4V34Q/6F3T/+/IpB8O/CHP8AxTun9f8AniKAOk3D1pGYbTzXO/8ACu/CH/Qu6f8A9+RSN8O/CG0/8U7p/wD35FAHSbh60isOee9c7/wrvwh/0Lun/wDfkU1fh34Q5/4p3T+v/PEUAdIWG4c0u4etc2fh34Q3D/indP8A+/Ipf+Fd+EP+hd0//vyKAOghYeRHz/CP5U4MMnnvXNRfDzwgYUJ8O6fnaP8AliKcPh34Qyf+Kd0/r/zxFAHRlhuXmgsMHmubPw78Ibh/xTun/wDfkUp+HfhDB/4p3T/+/IoA6MMNo5poYee3P8I/ma54fDvwhgf8U7p//fkU0fDzwh5zD/hHdPxtH/LEe9AHSsw4570u4etc23w78Icf8U7p/X/niKX/AIV34Q/6F3T/APvyKAOiVhtHPagMNx5rnB8O/CG0f8U7p/T/AJ4igfDvwhuP/FO6f/35FAHQysNg5/iX+Yp+4etczL8PPCAUY8O6f95f+WI9RT/+Fd+EP+hd0/8A78igDolYbetG4b+vaucX4d+EMf8AIu6f/wB+RSf8K78Ib/8AkXdP6f8APEUAdIzDjnvS7h61zbfDvwhx/wAU7p/X/niKX/hXfhD/AKF3T/8AvyKAM3wcw/4WF495/wCX+1/9JI67TcN/XtXLwfDfwarSSDw5YbpGO4+V1wcD9Kl/4V34Q3f8i7p/T/niKAOjZhtPNLuHrXNN8O/CG0/8U7p//fkU7/hXfhD/AKF3T/8AvyKAOiVhzz3ppYeevP8ACf5iueHw78Ic/wDFO6f1/wCeIpp+HnhDzlH/AAjun42n/liPagDpWYbTzS7h61zbfDvwhtP/ABTun/8AfkUv/Cu/CH/Qu6f/AN+RQB0SsOee9BYbhzXNr8O/CHP/ABTun9f+eIpT8O/CG4f8U7p//fkUAdJuHrTIWHkR8/wj+Vc//wAK78If9C7p/wD35FMi+HnhAwoT4d0/O0f8sRQB0qsOee9BYbl5rnB8O/CHP/FO6f1/54ikPw78Ibh/xTun/wDfkUAdIWGDzQGG0c1zh+HfhDB/4p3T/wDvyKB8O/CGB/xTun/9+RQB0IYee3P8I/maczDjnvXND4eeEPOYf8I7p+No/wCWI96c3w78Icf8U7p/X/niKAOjLDB5oVhtHPaucPw78IYP/FO6f/35FA+HfhDaP+Kd0/p/zxFAHRhhuPNNlYbBz/Ev8xXPD4d+ENx/4p3T/wDvyKbL8PPCAUY8O6f95f8AliPUUAdNuHrSKw29a53/AIV34Q/6F3T/APvyKRfh34Qx/wAi7p//AH5FAHR7hv69qGYcc965v/hXfhDf/wAi7p/T/niKVvh34Q4/4p3T+v8AzxFAHSbh60yJhsPP8TfzNc//AMK78If9C7p//fkUyL4eeECpz4d0/wC83/LEepoA6XcN/XtQzDaea5z/AIV34Q3f8i7p/T/niKRvh34Q2n/indP/AO/IoA6XcPWkVhzz3rnf+Fd+EP8AoXdP/wC/IpB8O/CHP/FO6f1/54igDoSw89ef4T/MU5mG081zR+HnhDzlH/CO6fjaf+WI9qc3w78IbT/xTun/APfkUAdJuHrSKw5571zv/Cu/CH/Qu6f/AN+RTV+HfhDn/indP6/88RQB0hYbhzS7h61zZ+HfhDcP+Kd0/wD78il/4V34Q/6F3T/+/IoAxPgiwHwf0jJ/5aXX/pVLXeqw5571y9p8NvBsNpGkfhzTwoXP+qz15qUfDvwhz/xTun9f+eIoA6MsNy80Fhg81zZ+HfhDcP8AindP/wC/IpT8O/CGD/xTun/9+RQB0YYbRzTQw89uf4R/M1zw+HfhDA/4p3T/APvyKaPh54Q85h/wjun42j/liPegDpWYcc96Cwwea5xvh34Q4/4p3T+v/PEUH4d+EMH/AIp3T/8AvyKAOjVhtHPagMNx5rnB8O/CG0f8U7p/T/niKB8O/CG4/wDFO6f/AN+RQB0MrDYOf4l/mKfuHrXMy/DzwgFGPDun/eX/AJYj1FP/AOFd+EP+hd0//vyKAOiVht60bhv69q5xfh34Qx/yLun/APfkUn/Cu/CG/wD5F3T+n/PEUAdIzDjnvS7h61zbfDvwhx/xTun9f+eIpf8AhXfhD/oXdP8A+/IoA6CJhsPP8TfzNO3Df17VzUXw88IFTnw7p/3m/wCWI9TTv+Fd+EN3/Iu6f0/54igDo2YbTzS7h61zTfDvwhtP/FO6f/35FO/4V34Q/wChd0//AL8igDolYc896aWHnrz/AAn+Yrnh8O/CHP8AxTun9f8AniKafh54Q85R/wAI7p+Np/5Yj2oA6VmG080u4etc23w78IbT/wAU7p//AH5FL/wrvwh/0Lun/wDfkUAdErDnnvQWG4c1za/Dvwhz/wAU7p/X/niKU/DvwhuH/FO6f/35FAHSbh60bh61zn/Cu/CH/Qu6f/35FH/Cu/CH/Qu6f/35FAHRKw5570FhuXmucHw78Ic/8U7p/X/niKQ/DvwhuH/FO6f/AN+RQB0hYYPNAYbRzXOH4d+EMH/indP/AO/IoHw78IYH/FO6f/35FAHQhh57c/wj+ZrlPimw/wCFY61z/wAsR/6GtWB8PPCHnMP+Ed0/G0f8sR704/Dvwhkf8U7p/X/niKAOk3D1opaKAP/Z)

Изображение выглядит как текст, снимок экрана

Автоматически созданное описание

*Рис.1.5. Диаграмма активностей, получение информации с диагностического сканера*

Диагностический Bluetooth сканер с чипом ELM327 v1.5 позволяет «общаться» с ним через последовательный порт по Bluetooth соединению, что накладывает некоторые особенности в передаче и получении пакетов. Отправка и получение данных происходит через буферы отправки и приема соответственно. Информация, получаемая от диагностического сканера, может записываться в буфер приема продолжительное время, вплоть до нескольких секунд. В связи с вышесказанным процесс опроса диагностического сканера будет происходить асинхронными сообщениями.

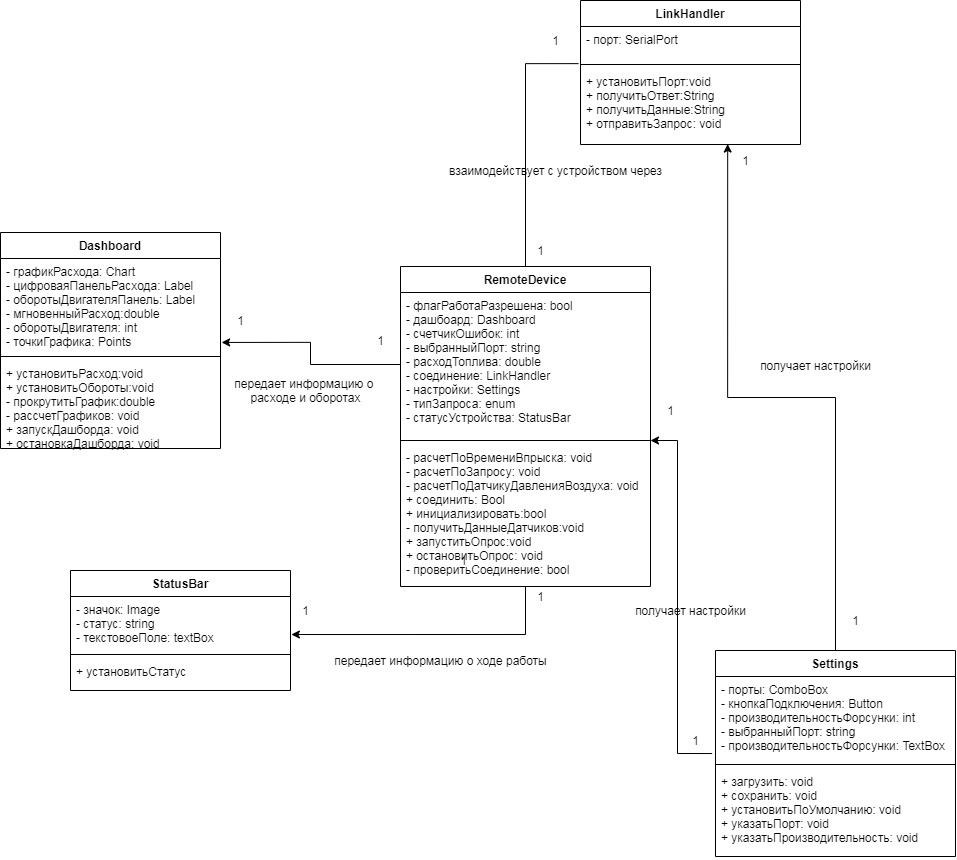
Изображение выглядит как снимок экрана

Автоматически созданное описаниеДля более полного анализа процесса работы информационной системы, рассмотрим прецедент «общения» через нотацию диаграммы последовательностей на рисунке 1.6.

*Рис.1.6. Диаграмма последовательностей, получение информации с диагностического сканера*

Глава 2. Проектирование системы

На рисунке 2.1 представлена диаграмма классов, представляющая собой структуру сущностей системы и отображающая основные понятия, структуру классов и их отношения между собой.



*Рис.2.1. Диаграмма классов*

Рассмотрим каждый класс поподробнее.

2.1. StatusBar

Класс «StatusBar» представляет собой объединение из двух отдельных элементов, объединенных общим принципом работы. Данный класс принимает строковую переменную и выводит ее значение на главный экран. Между тем, в зависимости от информации в этой переменной, на экран также выводится зеленый сигнал, или красный. Зеленый сигнал означает что соединение с диагностическим сканером успешно установлено, оно отвечает на запросы. Красный сигнал означает что связи с устройством нет.

*Таблица 2.1. Класс StatusBar*

| Атрибут | Тип атрибута | Назначение |
| --- | --- | --- |
| значок | Image | Изображение зеленого или красного сигнала |
| статус | string | Текстовая информация, подлежащая выводу на главный экран |
| текстовоеПоле | textBox | Объект на главном экране, который отображает текст |

2.2. LinkHandler

Класс LinkHandler (табл. 2.2.) осуществляет обмен данными с COM портом, к которому подключен диагностический сканер. Основные функции этого класса: оформление сообщений в нужный формат, прием и отправка сообщений, разбор полученных данных на заголовок и основную информацию.

*Таблица 2.2. Класс LinkHandler*

| Атрибут | Тип атрибута | Назначение |
| --- | --- | --- |
| порт | SerialPort | Объект COM порта, с которым происходит обмен данными |

2.3. Settings

Класс Settings (табл. 2.3.) содержит в себе настройки, которые устанавливаются пользователем, а также набор объектов, которые должны реагировать на изменение настроек, например если не выбран порт для передачи данных, то кнопка «Подключить» должны быть неактивная, но, если порт будет выбран, кнопка «Подключить» должна быть активная. Также, данный класс отвечает за сохранение настроек программы во внешнем файле, и их загрузку при следующем запуске приложения.

*Таблица 2.3. Класс Settings*

| Атрибут | Тип атрибута | Назначение |
| --- | --- | --- |
| порты | ComboBox | Объект выпадающего списка, содержит все доступные порты. Из него получаем информацию о выбранном порте, также заносим в него информацию при загрузке настроек |
| кнопкаПодключения | Button | Объект кнопки подключения, становится активной если есть выбранный порт, и неактивна если порт не выбран. |
| производительностьФорсунки | int | Данные о производительности форсунок, которые были введены пользователем |
| выбранныйПорт | string | Имя порта для подключения и работы |
| производительностьФорсунки | TextBox | Объект, из которого получаем информацию о введенной пользователем производительности форсунок |

2.4. Dashboard

Класс Dashboard (табл. 2.4.) представляет из себя группу элементов, выводящих обработанную информацию от диагностического сканера на главном экране. В основные функции данного класса входит прием обработанной информации от класса RemoteDevice и правильное отображение, в виде цифрового значения и обеспечение логики построения графика.

*Таблица 2.4. Класс Dashboard*

| Атрибут | Тип атрибута | Назначение |
| --- | --- | --- |
| графикРасхода | Chart | Объект выводящий на главный экран график с данными о расходе состоит из 10 шкал, «сдвигаемых» раз в 6 секунд. |
| цифроваяПанельРасхода | Label | Объект, выводящий данные о мгновенном расходе в цифровом виде |
| оборотыДвигателяПанель | Label | Объект, выводящий информацию об оборотах двигателя |
| мгновенныйРасход | double | Мгновенный расход топлива, данный атрибут перезаписывается, когда класс RemoteDevice передал новую информацию |
| оборотыДвигателя | int | Обороты двигателя, то же, что и мгновенный расход |
| точкиГрафика | Points | Точки графика, 10 штук, содержат историю длиной в 1 минуту, о средних расходах за 6 секунд |

2.5. RemoteDevice

Класс RemoteDevice (табл. 2.5.) организует основную работу по опросу диагностического сканера, проводит обработку информации, расчёт данных, а также производит переключение методики расчёта данных если выбранная не работает.

*Таблица 2.5. Класс RemoteDevice*

| Атрибут | Тип атрибута | Назначение |
| --- | --- | --- |
| флагРаботаРазрешена | bool | Опрос диагностического сканера планируется в асинхронном от графической оболочки режиме, поэтому этот флажок нужен для запуска/остановки работы потока. |
| дашбоард | Dashboard | Объект, выводящий информацию на основной экран. |
| счетчикОшибок | int | Счетчик, который применяется для подсчета ошибок соединения, например если данные не были получены, необходим чтобы переключить методику расчёта, а с тем и запрашиваемые данные |
| выбранныйПорт | string | Имя порта для подключения и работы |
| расходТоплива | double | Рассчитанный мгновенный расход топлива |
| соединение | LinkHandler | Обработчик соединения с диагностическим сканером, через него отправляем/получаем данные |
| настройки | Settings | Объект, отвечающий за настройки их сохранение и загрузку |
| типЗапроса | enum | Содержит имена методик расчёта мгновенного расхода топлива, применяется при необходимости сменить методику |
| статусУстройства | StatusBar | Объект, выводящий информацию о статусе соединения с диагностическим сканером |

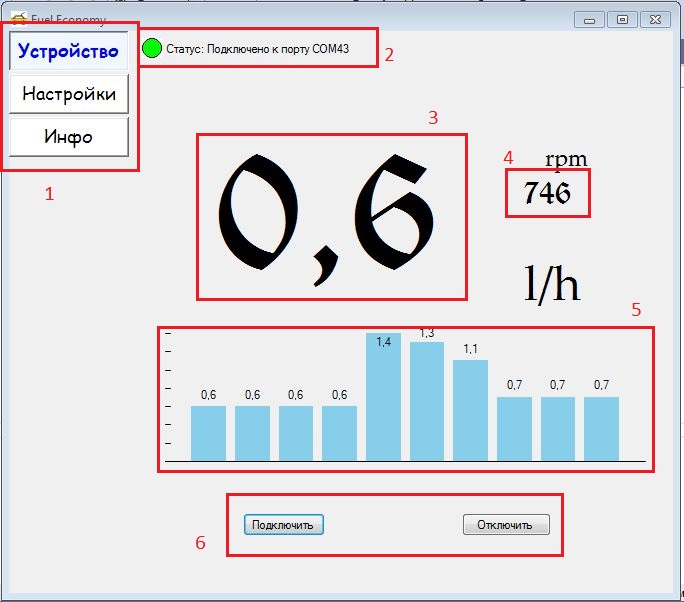
Глава 3. Реализация информационной системы контроля мгновенного расхода топлива

В данной главе будут представлены примеры работы информационной системы с описанием функций и элементов управления, тесты информационной системы.

Важным этапом разработки информационной системы является выбор её оформления для хорошей читаемости, а также удобства использования. Представленная информационная система выполнена с использованием многопоточности [5, с. 833]. Интерфейс выполнен в контрастных тонах, и минималистичном дизайне в windows forms [6].

### 3.1. Главный экран информационной системы

Главный экран работающей информационной системы показан на рисунке 3.1.



*Рис.3.1. Главный экран информационной системы*

Основные элементы:

1. Панель переключения экранов.
2. Панель статуса. Состоит из зеленого или красного круга, означающего состояние «Подключено» или «Отключено» соответственно, а также текстового поля статуса подключения. В текстовом поле отображается статус подключения, ошибки подключения, основные операции, проводимые программой. Например: «Ошибка, устройство не прошло проверку. Неизвестное устройство» или «Подключено. Расчет через показания датчика времени открытия форсунок».
3. Цифровое отображение мгновенного расхода топлива с точностью до десятых.
4. Информация о текущих оборотах двигателя.
5. График. Левые столбец «копит» среднее значение расхода топлива за промежуток 6 секунд, после чего, столбцы сдвигаются вправо, левый столбец обнуляется и цикл повторяется. Данная схема позволяет видеть усредненную ситуацию потребления топлива за последнюю минуту и скорректировать движение таким образом, чтобы не было резких перепадов значений между столбцами.
6. Основные кнопки, с которыми чаще всего будет происходить взаимодействие пользователя. Кнопка «Подключить» является интерактивной, она неактивна, если в настройках не выбран порт, или если сохраненный в настройках порт отсутствует. Кнопка «Отключить» разрывает связь.

### 3.2. Экран настроек информационной системы

Экран с настройками показан на рисунке 3.2.

Основные элементы:

1. Последовательный порт (COM) компьютера, к которому подключен диагностический сканер. Выбирается из выпадающего списка. Информационная система опрашивает операционную систему (Windows) на наличие последовательных портов и выводит их список. Для работы информационной системы необходимы определенные условия:

* Подключен Bluetooth адаптер и установлены драйвера для него.
* Диагностический сканер должен быть сопряжен с адаптером, операционная система (Windows) должна определить соединение как соединение через последовательный порт и присвоить имя порту, например COM43.

1. Расчётная производительность форсунок измеряется в cc/min (см3/мин), необходима для расчета по одному из методов.
2. Кнопка «По умолчанию» данная кнопка сбрасывает настройки на стандартные: порт – не выбран, производительность форсунок равна нулю.

![Изображение выглядит как снимок экрана

Автоматически созданное описание](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RD8RXhpZgAATU0AKgAAAAgABAE7AAIAAAAYAAAISodpAAQAAAABAAAIYpydAAEAAAAaAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAANCo0LDQsdGD0YDQvtCyINCY0LvRjNGPAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAMwNwAAkpIAAgAAAAMwNwAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMDowNToyOSAwMTowNjoxOQAyMDIwOjA1OjI5IDAxOjA2OjE5AAAAKAQwBDEEQwRABD4EMgQgABgEOwRMBE8EAAD/4QsqaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLwA8P3hwYWNrZXQgYmVnaW49J++7vycgaWQ9J1c1TTBNcENlaGlIenJlU3pOVGN6a2M5ZCc/Pg0KPHg6eG1wbWV0YSB4bWxuczp4PSJhZG9iZTpuczptZXRhLyI+PHJkZjpSREYgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyIvPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0ZURhdGU+MjAyMC0wNS0yOVQwMTowNjoxOS4wNjc8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIj48ZGM6Y3JlYXRvcj48cmRmOlNlcSB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6bGk+0KjQsNCx0YPRgNC+0LIg0JjQu9GM0Y88L3JkZjpsaT48L3JkZjpTZXE+DQoJCQk8L2RjOmNyZWF0b3I+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICA8P3hwYWNrZXQgZW5kPSd3Jz8+/9sAQwACAQECAQECAgICAgICAgMFAwMDAwMGBAQDBQcGBwcHBgcHCAkLCQgICggHBwoNCgoLDAwMDAcJDg8NDA4LDAwM/9sAQwECAgIDAwMGAwMGDAgHCAwMDAwMDAwMDAwMDAwMDAwMDAwMDAwMDAwMDAwMDAwMDAwMDAwMDAwMDAwMDAwMDAwM/8AAEQgCXAKsAwEiAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A/QD4jePPFXjz4uar4S8J6lb+HND8LwQR63raWX2jUJL6fy50tbXz08hPLg2SSPJHP/x9xokcckbyVN/wgmvf9FR+Jn/fHh//AOVda3gy1834gfFj/sdU/wDTBoNenfCz4Sf8LHN8Pt/2H7HsP+p8zzN+/wD2/wDYr3Pc5OeZ43v8/JA8b/4QTXv+io/Ez/vjw/8A/Kuj/hBNe/6Kj8TP++PD/wD8q6908e/BLTfhp4YuNX1jxFJb2Vu8aM8emSTySvJIkcaIiO8ju7uiIkf7x3kGM1zGu+CptH0qxupbXU7T7bI/lw31qkFwY08vEmxJn/v/AHH2P/sVNOtQmOpTrwPMv+EE17/oqPxM/wC+PD//AMq6P+EE17/oqPxM/wC+PD//AMq67j7BR9grp9mZ+0OH/wCEE17/AKKj8TP++PD/AP8AKuj/AIQTXv8AoqPxM/748P8A/wAq67j7BR9go9mHtDh/+EE17/oqPxM/748P/wDyro/4QTXv+io/Ez/vjw//APKuu4+wUfYKPZh7Q4f/AIQTXv8AoqPxM/748P8A/wAq6P8AhBNe/wCio/Ez/vjw/wD/ACrruPsFH2Cj2Ye0OH/4QTXv+io/Ez/vjw//APKuj/hBNe/6Kj8TP++PD/8A8q67j7BR9go9mHtDh/8AhBNe/wCio/Ez/vjw/wD/ACro/wCEE17/AKKj8TP++PD/AP8AKuu4+wUfYKPZh7Q4f/hBNe/6Kj8TP++PD/8A8q6P+EE17/oqPxM/748P/wDyrruPsFH2Cj2Ye0OH/wCEE17/AKKj8TP++PD/AP8AKuj/AIQTXv8AoqPxM/748P8A/wAq67j7BR9go9mHtDh/+EE17/oqPxM/748P/wDyro/4QTXv+io/Ez/vjw//APKuu4+wUfYKPZh7Q4f/AIQTXv8AoqPxM/748P8A/wAq6P8AhBNe/wCio/Ez/vjw/wD/ACrruPsFH2Cj2Ye0OH/4QTXv+io/Ez/vjw//APKuj/hBNe/6Kj8TP++PD/8A8q67j7BR9go9mHtDh/8AhBNe/wCio/Ez/vjw/wD/ACro/wCEE17/AKKj8TP++PD/AP8AKuu4+wUfYKPZh7Q4f/hBNe/6Kj8TP++PD/8A8q6P+EE17/oqPxM/748P/wDyrruPsFH2Cj2Ye0OH/wCEE17/AKKj8TP++PD/AP8AKuj/AIQTXv8AoqPxM/748P8A/wAq67j7BR9go9mHtDh/+EE17/oqPxM/748P/wDyro/4QTXv+io/Ez/vjw//APKuu4+wUfYKPZh7Q4f/AIQTXv8AoqPxM/748P8A/wAq6P8AhBNe/wCio/Ez/vjw/wD/ACrruPsFH2Cj2Ye0OH/4QTXv+io/Ez/vjw//APKuj/hBNe/6Kj8TP++PD/8A8q67j7BR9go9mHtDh/8AhBNe/wCio/Ez/vjw/wD/ACro/wCEE17/AKKj8TP++PD/AP8AKuu4+wUfYKPZh7Q4f/hBNe/6Kj8TP++PD/8A8q6P+EE17/oqPxM/748P/wDyrruPsFH2Cj2Ye0OH/wCEE17/AKKj8TP++PD/AP8AKuj/AIQTXv8AoqPxM/748P8A/wAq67j7BR9go9mHtDh/+EE17/oqPxM/748P/wDyro/4QTXv+io/Ez/vjw//APKuu4+wUfYKPZh7Q4f/AIQTXv8AoqPxM/748P8A/wAq6P8AhBNe/wCio/Ez/vjw/wD/ACrruPsFH2Cj2Ye0OH/4QTXv+io/Ez/vjw//APKuj/hBNe/6Kj8TP++PD/8A8q67j7BR9go9mHtDh/8AhBNe/wCio/Ez/vjw/wD/ACro/wCEE17/AKKj8TP++PD/AP8AKuu4+wUfYKPZh7Q4f/hBNe/6Kj8TP++PD/8A8q6P+EE17/oqPxM/748P/wDyrruPsFH2Cj2Ye0OH/wCEE17/AKKj8TP++PD/AP8AKuj/AIQTXv8AoqPxM/748P8A/wAq67j7BR9go9mHtDh/+EE17/oqPxM/748P/wDyro/4QTXv+io/Ez/vjw//APKuu4+wUfYKPZh7Q4f/AIQTXv8AoqPxM/748P8A/wAq6P8AhBNe/wCio/Ez/vjw/wD/ACrruPsFH2Cj2Ye0OH/4QTXv+io/Ez/vjw//APKuj/hBNe/6Kj8TP++PD/8A8q67j7BR9go9mHtDh/8AhBNe/wCio/Ez/vjw/wD/ACro/wCEE17/AKKj8TP++PD/AP8AKuu4+wUfYKPZh7Q4f/hBNe/6Kj8TP++PD/8A8q6P+EE17/oqPxM/748P/wDyrruPsFH2Cj2Ye0OH/wCEE17/AKKj8TP++PD/AP8AKuj/AIQTXv8AoqPxM/748P8A/wAq67j7BR9go9mHtDh/+EE17/oqPxM/748P/wDyro/4QTXv+io/Ez/vjw//APKuu4+wUfYKPZh7Q4f/AIQTXv8AoqPxM/748P8A/wAq6P8AhBNe/wCio/Ez/vjw/wD/ACrruPsFUvEd+nhfw/falcJJJBp9q926J/cRPMo9mHtDlP8AhBNe/wCio/Ez/vjw/wD/ACro/wCEE17/AKKj8TP++PD/AP8AKutaW/8AEMUmxtN8Px/7D6vP/wDItR/2r4h/6Bvhv/wb3X/yLR7MPaTM3/hBNe/6Kj8TP++PD/8A8q6P+EE17/oqPxM/748P/wDyrrS/tXxD/wBA3w3/AODe6/8AkWpLXXtSttYsbbUrDT0j1CfyIHs717jy38uST598Ef8AyzR6PZh7SZk/8IJr3/RUfiZ/3x4f/wDlXR/wgmvf9FR+Jn/fHh//AOVdW9L8Uaxr2l2t/a6bocdrqECTwfadUnjk2OnmJvRLWT/0ZU/9q+If+gb4b/8ABvdf/ItHsw9pMzf+EE17/oqPxM/748P/APyro/4QTXv+io/Ez/vjw/8A/KutL+1fEP8A0DfDf/g3uv8A5Fol8R6rpXkvf2Gj/ZZJ4IHez1Ge4kj89440+R4I/wDlo6f8tKPZh7SZm/8ACCa9/wBFR+Jn/fHh/wD+VdH/AAgmvf8ARUfiZ/3x4f8A/lXWlF4j1XVPPmsLDR/ssc88CPeajPbySeQ8kb/IkEn/AC0R/wDlpR/a3iH/AKB/hv8A8HF1/wDItHsw9pMzf+EE17/oqPxM/wC+PD//AMq6P+EE17/oqPxM/wC+PD//AMq60v7W8Q/9A/w3/wCDi6/+Rag1TxRrGg6XdX91puhyWunwPPP9m1SeSTYieY+xHtY//RlHsw9pMytZ8JeOtGs5Lnw/8SNcvtVt0k8i28T2WnXGl3D7PuT/AGGytJ0/345P3f8Azzk/1b+jfCDxfN8XPhzpuuLpDWN3OJLfUbCW52tpV9BI8F1abvJHm+TPHJH5mPm2ZqP7BTf2Yof+Lf65/wBjt4r/APUh1GsZ/EVT+Ay/hV4OuPCfjz4tabdavqmvzWfjVBJf38cEdxc79A0F/n8iGGP/AGP3aJWf+018Xdd+EvgO40nw74ssfCOoeLoJIEn+wi4vyU/eZtf3yJHiN5N7v/q8796f6ysn9hK282/+PX/ZZPEX/oFpXufiPwN4e8d+ELvRvEmjx6xYXMiSbDcPauroJI9yOn7yP5HdP3f8Dv714OcZfVzHLPYYarKjOXL78fi+L+9/4CelTqU8Lj+epDn5T4e1rSPhTrXgL7LK3g3+0Io/s8Mm/Uf7XguvueYif2hn7R5n+x/45X0Z+z78ctc+NnguKx8Q+JNL8Tap4Zhhhnlh077HeCSRPv3SRzPG/mbEKPHsj5/jr2oaJ4THwm/4QU+FLY+Fduz7D9rf+/5+/f8Af8zzPn8zf5m/5/esvQfBXh/wN4QsdC8N6P8A2Lp9i7vsF1JdO7uI/vvJ+8f5ERP3n/TOvjuGuCs5y/HxxWLzGdaPP8HLTjHk5fhlyx+KPxc34HpZlnWDxNHkp0eT/wACPjj4X6DefDnwv8WPH9h4A+H8l9oeo+Kbu18Qu/maxcPBdT7IHT7LH+7+TZ/x9/6uux+Mn7UGq/D648QQ6bY6XqUmn6Dol/ap/wA87rUb6S0+ffPHH5ceyN9nmJ/10j/1kf0hYeDdN0qzntrWws7WC8neeeGGBI47h3fzHd/+mkkj/vK5/wAOfs5+A/CWj31hpPgnwnpVjqkH2S9trPSILe3vIP7joifPH87/APfyv1LkXLyHzNvf5zwvwRf+LfEn7QHw9fxpof8AY+sR6R4ij2bILf7RBv0zy32QXV3HH/c2efJ/q6h+H3w0XVP2wPiVrkvgnwfqsel6va/8T65f/icaf/xJ7T5IE+yyf+j0/wBY9fQng34I+EvhzHAnh/wr4b0OOz8/yPsGlwWn2ff5e/ZsT/lpsTzP+ucdQ3XwC8E3/jyPxVceD/C8/iaN0kTWH0iCTUI3RPLT9/s8z/V1oRr7M8Ptvjd4t/4Z/g+IUs3hOSDxQ+nQaRYJZT/8SN766jg/0qfz/wB/5fn/ALxI44P3kciVHqnxk8eaXrkHhWJ/Bd14g/4S+Dw8+qpp08en7H06S+3/AGXz/MSePYnyef8AvP8Apn5n7v3i1+AXgmwuNcmt/B/heCfxQjx626aXBHJrG/7/AJ/yfv8A78n+sqbQfg34Y8JaPpthpfhvw/ptjo8/2vTraz06C3t7Of8AefOiInySfO/z/wDTR6LiPn3w58c/G3je48P+G7Obwfo/iO4n1+PUdSvNOnuNPk/sq6jtP3EHnxyfvN6P+8n/AHflv/rKx9U/ag8c6z4Xvtb0aw8J2tjofgO18Z3sN4k9xJeb3u98EDo8eyOSO1/dz/P5f/POTzP3f0n4j+A/gzxlof8AZus+EvC+q6b9qe/+x3mlwXFv9qfzN8+yRP8AWSb3+f8A6aVo3/w50TVPtXn6Ppc/9oWX9m3W+1ST7Ra/vP3D/wB+P53+T/ppJWd5chp+7PnuX43eMvBniDVYdeTwvdWuj2Wj+Ibqawsp7f7Ppd1PPBOnzzyb5IPI3+Z/y0jjk/dpXqHwg8R3nxG8Lz63Kln/AGbqF7P/AGR5KP8AvLFH8tHf+/5mx3/65yR1sfFD4N/8Jv4avrPSZtH0O61i1TSdRv30vz7iTTv3n7hPnj2SfO/lvJvjj8z/AFcldRoPhez8OaPa6bYQx29jp8CQQQp/yzRE8tEq7/1/X9bmZk/2b7Uf2b7V0H2Cj7BTuBz/APZvtR/ZvtXQfYKPsFFwOf8A7N9qP7N9q6D7BR9gouBz/wDZvtR/ZvtXmw/a8stT/aX8PfD/AEvw/qV5Yazdalp8uvyv9ntY7qxhaSaGFCpafaymN2BVVbgFyGA9p+wVz4fFUq8XKk7pO39d11TWjWqPWzbIsflvsvr1Nw9rDnim1dxcpRu0m3F80ZK0rS02s1fn/wCzfaj+zfaug+wUfYK6LnknP/2b7Uf2b7V0H2Cj7BRcDn/7N9qP7N9q6D7BR9gouBz/APZvtR/ZvtXQfYKPsFFwOf8A7N9qP7N9q6D7BR9gouBz/wDZvtR/ZvtXQfYKPsFFwOf/ALN9qP7N9q6D7BR9gouBz/8AZvtR/ZvtXQfYKPsFFwOf/s32o/s32roPsFH2Ci4HP/2b7Uf2b7V0H2Cj7BRcDn/7N9qP7N9q6D7BR9gouBz/APZvtR/ZvtXQfYKPsFFwOf8A7N9qP7N9q6D7BR9gouBz/wDZvtR/ZvtXQfYKPsFFwOf/ALN9qP7N9q6D7BR9gouBz/8AZvtR/ZvtXQfYKPsFFwOf/s32o/s32roPsFH2Ci4HP/2b7Uf2b7V0H2Cj7BRcDn/7N9qP7N9q6D7BR9gouBz/APZvtR/ZvtXQfYKPsFFwOf8A7N9qP7N9q6D7BR9gouBz/wDZvtR/ZvtXQfYKPsFFwOf/ALN9qP7N9q6D7BR9gouBz/8AZvtR/ZvtXQfYKPsFFwOf/s32rnPjJpflfCPxV/2CLr/0RJXof2Csnxv4N/4S3whqulb/ACP7Usp7Tfs/1e9PLrS4HO6ppf8AxMJ/99/4K4Hwrq/jD4iafdaloGj+ARpVvqF9pqf2p4lvbO8ke1upLV3kSHT540/eQP8A8tH+SvTJbXxVLJvbw94bkk/j/wCJ9PH/AO2VcVr37Mmh+KNYn1LVPg/8K9S1K8fzJ7m5nS4uLh/9t306sajn9g0p8v2yv4V1vVp/HWseG9e0/RLbUtL06x1PdpGozX9u8F093GnzzWsD+Z5lq/8AB/y0j/eVrazYf8T/AMK/9hv/ANx1/VvwR8JX+GlvPD4c+HvgPw/BcP5k6abqn2SOR/8Ab2adWxF4S1vWfEGjzX9ho+m2ul3T3f8Ao2ovdyXD+RPBs+eCPZ/r61H+7OV+Gth5vwz8M/8AYEsf/REdeYeIPDTahL48udL+Fvw/+IviW38dwWc03iPw7Y6tJp2l/wBgWMmyBJ7q1/5e/L/d+f8A8t5H2V7f4c8JeJPC/h/TdKXR/D99Hpdqloly+tz28lwiJ5aPs+yybPuf89K5/wAW/s8ab8QdYk1LXvhR8M9c1KRPLe5v7r7RcbP999OrKpTUy6c+SZ5/4D8ORaX8Qvh79o+Hvgv4e+ItQ8O+JX1qy8N6Pa6Zb3iR6jpqWUjpA88fmeQ+/wD17+X58leieN7HyvD8f/YU0v8A9ONpT/BPwRtvhneTzeHPhp8O/D89wnlzvpt79kkkT/b2adW5f+Ete8RmC3utN0PTbX7ba3c80OqPeSfuJ459mz7LH/c/56UU4ckDOpU55mB4I0vzfD8n/YU1T/043dec/Enwn4XvP2htMbWtA0HxJp66I/8AwlCa7Ckdv4c0r9/s1GHUPv2V35gn8vyP9fsk3+X5CTwe0WHhfxD4X+1W1rpuj6layXt1dwTTau9pJ+/nkn2bPssn9/8A56Vj+Lfg2nxB1S0v9e+G/wAP9cvtP/49bm/1H7RJb/7jvp3yVpUtOAU6nJM8f8NeHfBj/GPwTceG9PsYfDl1p08+ieJltkuNX8X6i6Sfbv7UvZEjnjnjj87y7H5I/wB3J/zwSC19S+JejeV8M/Ez/wDUEvv/AERJV6w+DSaX4wn8SWvw3+H9r4guN/n6rDqHl3km/wC/vn/s7zK0vEfhfxP4t8N6lpUuleH7GPVLV7R7lNbnuPs6Onlu+z7LHv8Av/8APSs6dNQCpU55mx/ZvtXM/sz/AAI1Lxj4B1zUrb4ieOtBhufGvisrYafbaK1vb48Q6ivymfT55cHG75pWPzda9G+wVL+xMV/4UpqOX/5nXxb/AOpHqVc+K3NsLseb/s7+GPDfg7xv8YtN8IWGh6V4ct/GsH2W20eCC3s4/wDiQaLI+xIP3f8ArN//AG0r6L+Htp9s0aNWa4CrF8qpM8f/AC2n/ufhXzv8B79NU+IHximjmjuo5PGsHzo/meZ/xINFr6Q+GP8AyD1/69o//R09cuI/go6KP8Y2R4ZhP/LS+6f8/s3/AMXS/wDCMw/89L7p/wA/s3/xdeH/ALcf7b1v+wnaeBde8ReH5rr4da94gh0PxP4nS88tPBiXA8u1vZ4ynz273Bjhd/MTy/MD/P8AcLf2mf237P4BftGfBT4X6T4fl8XeLPjFq81uttb3vkf2JpNrCZbrVJP3b70jJjQJ8nmeYfnGyvNg+b4f8J2S93/0o90/4Rm3/wCel9/4Gz//ABdH/CNW/wDz0vv/AANn/wDi60gc0ZqijN/4Rm3/AOel9/4Gz/8AxdH/AAjVv/z0vv8AwNn/APi60s0ZoAzf+EZt/wDnpff+Bs//AMXR/wAIzb/89L7/AMDZ/wD4utAN8tfLviP/AIKy/CHwrpmtWd5qd4PiPo2pT6TH8M0a2bx1qV0lwYY0tdL87zJUuBsmjkyI/IkSd3SMO6LmvLlA+kv+EZt/+el9/wCBs/8A8XR/wjNv/wA9L7/wNn/+LrQVt6f3admmBm/8Izb/APPS+/8AA2f/AOLo/wCEZt/+el9/4Gz/APxdaWaM0AZv/CM2/wDz0vv/AANn/wDi6P8AhGbf/npff+Bs/wD8XWlmjNAHy7/wT/v7nWP2X9KvLqa4urq41fW5J5pn8ySR31i7+d3r2avE/wDgnj/yafoX/YU1j/063de2UXAKKK81/aH/AGv/AIdfspf2P/wn3iL+wf7e877B/oFzdef5Pl+Z/qY32482P72M7uM4OM6taFKPPUkopdW7L7zsy/LcXj8RHCYClKrUle0YRcpOybdoxTbsk27LRJs4P9o//k/L9m//AK6eJP8A02V9DV8U6z+2R+w/4i1e61DULX4e31/fTPcXNzcfD+eWa4lclnd3azJZmYkkkkkkmu8sP+Ct/wCzfpdjDa2vj2G3treNYooovD2pJHEijCqqi2wAAAABwBXk4XMcLBzc60Ped9Jp9EvLsfpmecEcRYrC4Ohh8rxd6FN03zYaok71alW6tzf8/OWz/lvfWy+mqK+av+Hv37Ov/RQ//KDqf/yPR/w9+/Z1/wCih/8AlB1P/wCR66/7WwX/AD+h/wCBL/M+b/4hvxb/ANCrE/8Agir/APIn0rRXzV/w9+/Z1/6KH/5QdT/+R6P+Hv37Ov8A0UP/AMoOp/8AyPR/a2C/5/Q/8CX+Yf8AEN+Lf+hVif8AwRV/+RPpWivmr/h79+zr/wBFD/8AKDqf/wAj0f8AD379nX/oof8A5QdT/wDkej+1sF/z+h/4Ev8AMP8AiG/Fv/QqxP8A4Iq//In0rRXzV/w9+/Z1/wCih/8AlB1P/wCR6P8Ah79+zr/0UP8A8oOp/wDyPR/a2C/5/Q/8CX+Yf8Q34t/6FWJ/8EVf/kT6Vor5q/4e/fs6/wDRQ/8Ayg6n/wDI9H/D379nX/oof/lB1P8A+R6P7WwX/P6H/gS/zD/iG/Fv/QqxP/gir/8AIn0rRXzV/wAPfv2df+ih/wDlB1P/AOR6P+Hv37Ov/RQ//KDqf/yPR/a2C/5/Q/8AAl/mH/EN+Lf+hVif/BFX/wCRPpWivmr/AIe/fs6/9FD/APKDqf8A8j0f8Pfv2df+ih/+UHU//kej+1sF/wA/of8AgS/zD/iG/Fv/AEKsT/4Iq/8AyJ9K0V81f8Pfv2df+ih/+UHU/wD5Ho/4e/fs6/8ARQ//ACg6n/8AI9H9rYL/AJ/Q/wDAl/mH/EN+Lf8AoVYn/wAEVf8A5E+laK+av+Hv37Ov/RQ//KDqf/yPR/w9+/Z1/wCih/8AlB1P/wCR6P7WwX/P6H/gS/zD/iG/Fv8A0KsT/wCCKv8A8ifStFfNX/D379nX/oof/lB1P/5Ho/4e/fs6/wDRQ/8Ayg6n/wDI9H9rYL/n9D/wJf5h/wAQ34t/6FWJ/wDBFX/5E+laK+av+Hv37Ov/AEUP/wAoOp//ACPR/wAPfv2df+ih/wDlB1P/AOR6P7WwX/P6H/gS/wAw/wCIb8W/9CrE/wDgir/8ifStFfNX/D379nX/AKKH/wCUHU//AJHo/wCHv37Ov/RQ/wDyg6n/API9H9rYL/n9D/wJf5h/xDfi3/oVYn/wRV/+RPpWivmr/h79+zr/ANFD/wDKDqf/AMj0f8Pfv2df+ih/+UHU/wD5Ho/tbBf8/of+BL/MP+Ib8W/9CrE/+CKv/wAifStFcP8AAL9o/wAF/tQeDrnX/Aus/wBuaTZ3jafNP9knttk6pHIybZkRjhZUOQMfN1yDjuK7adWNSKnB3T6rVHyuNwOIwdeWGxdOVOpF2lGScZJ9mmk0/VBRRRVXOU+A/jH8Y/2jPiv/AMFF/iB8KvhV8QND8N6f4b0y11WGHVdPtmhjiNtZeYBJ9lmkZjLc7sNxjPIwBW5/wor9uv8A6LR8Nf8AwBi/+VlHwK/5TrfGj/sTbf8A9FaNX3BXzeCwbxLq1KlWfxzWk5JWT00ufvXFXFUchjgMHg8BhJKWEw0254alOTlOlFybk43bb1betz4f/wCFFft1/wDRaPhr/wCAMX/yso/4UV+3X/0Wj4a/+AMX/wArK+uvG/xp8H/DTUI7bxH4t8N6BdXCeYkOpapBaSSJ/f8Anesb/hrX4V/9FM+H/wD4UVr/APF13f2PH/n7U/8AA5f5nyf/ABFHE/8AQuwX/hJR/wDkT5e/4UV+3X/0Wj4a/wDgDF/8rKP+FFft1/8ARaPhr/4Axf8Aysr6h/4a1+Ff/RTPh/8A+FFa/wDxdH/DWvwr/wCimfD/AP8ACitf/i6P7Hj/AM/an/gcv8w/4ijif+hdgv8Awko//Iny9/wor9uv/otHw1/8AYv/AJWUf8KK/br/AOi0fDX/AMAYv/lZX1D/AMNa/Cv/AKKZ8P8A/wAKK1/+Lo/4a1+Ff/RTPh//AOFFa/8AxdH9jx/5+1P/AAOX+Yf8RRxP/QuwX/hJR/8AkT5e/wCFFft1/wDRaPhr/wCAMX/yso/4UV+3X/0Wj4a/+AMX/wArK+of+GtfhX/0Uz4f/wDhRWv/AMXR/wANa/Cv/opnw/8A/Citf/i6P7Hj/wA/an/gcv8AMP8AiKOJ/wChdgv/AAko/wDyJ8vf8KK/br/6LR8Nf/AGL/5WUf8ACiv26/8AotHw1/8AAGL/AOVlfUP/AA1r8K/+imfD/wD8KK1/+Lo/4a1+Ff8A0Uz4f/8AhRWv/wAXR/Y8f+ftT/wOX+Yf8RRxP/QuwX/hJR/+RPl7/hRX7df/AEWj4a/+AMX/AMrKP+FFft1/9Fo+Gv8A4Axf/KyvqH/hrX4V/wDRTPh//wCFFa//ABdbPgj40+D/AIl6hJbeHPFvhvX7q3TzHh03VILuSNP7/wAj0f2PH/n7U/8AA5f5h/xFHE/9C7Bf+ElH/wCRPkX/AIUV+3X/ANFo+Gv/AIAxf/KyuH/aPuP20v2X/gxrPjrX/i94HvNJ0PyPPh0/TbaS4fzZ44F2q+nIpw0qk5YcA9Twf0Yr5q/4K/f8o7PiH/3Df/TnaVx4/LfZYapVhVqXjFte/LdK/c+k4N4+lmWf4HLsTl2C9nWrUoSthaKfLOcYuz5dHZvU9d/Zk8Yal8Qv2bfh7r+sXH2zVtc8NabqF7P5ax+fPLaxySPtUBVyzE4UADPAAruK81/Yw/5M8+E//Ym6R/6RQ16VXuYWTdGDfZfkfkfEFKFPNMTTppKKqTSSVkkpOyS6JBRRRW1zyQoooouwCiiii4BRRRRdgFFFFF2AUUUUXYBRRRRdgcr4i/5DE/8An/lnXJ/sc+PtF0T4Q6pb3mvaPZXEfjXxbuhn1BIXT/io9S6rv4rrPEX/ACGJ/wDP/LOvI/2ZfGdvpfgHXIZNVhtXTxt4rzEZ8bf+Kh1GvSnDmpRPNp1OWpJHQeCJfN+OHxwf/qdbX/1HNBr3X4X/APHgP+vZP/R09fJf7DvxLh+Mnh/xx4qt7jVL6PxBr2nXf2nUrWC3vLjf4Z0H550g/dpJ/sR/u6+tfhgcWC/9eyf+jp6rGU/ZwUB4epzz5zP/AGgPhX4Z+OHwV8V+D/Gdvby+FfE2k3WnavHLL5SG1kjKSMX/AIMIc7/4Ovavzh/4N/vhj4j+LXjTxx8b/F/i1viFofgi2f4QfDDxH9neM6v4d0y6kL6j9/8AePcSCFHk2AubTvX3l+2P+wr8L/8AgoL8KbXwX8XPC58XeG7PUI9XisjqN1Y+VdJHJGj+ZbTRycJNINu/bz06V6F8Ovh3oHwj8E6V4Z8KaLpfhvw/otutpYabp1qtvaWcI6JHGgCKPpXkwfI5P+v8X4tfM9GfvRjH+v62fyPzd/ZR8O+MP2vfB3hL9rzxN+1p4w+HjeIvFEZ0fwpY63ap4DsNK/tL7JFol1ZTBEudSmj8yB53fzEuLhAkbPBGThfGX/gnh4n1z/grnoXgeH9qr9r3SfCfj3wrrnjea0074kvD/Zl5BqNmiW1snk7I7EJdlRGY3P7uMb6+tpP+CLH7Lb/tT/8AC6m+DXhlviI2of2sb1prr7IbzGftP2DzPsnnZ/eb/J3+b+8z5nz17nf/AAM8M6r8b9L+Is+ltJ4y0bR7rQLLUPtEgEFlczQTzxiPf5fzyW8Pz7N/ydccVVKUYypy/l5vxj+Pvaiq68397/P/AC0Pzm+IH7HPiL9rX/grH+09pbfH74y/B3wl4d8PeEdZlXwL4hGi3V5dPY3kEc01y6OyW8ccE++CPYkjyCQ/PGawPh9+2V8W/wBuD9l/9jv4U/8AC1JPh7r3x303WrrxZ4/0p0tNY1LT9Hk+zvDpe/7l9fb0kE0eHjRJJET/AJZ16J8Vf+CQPwv/AOCgX/BVz44eIvjn8K9W8SeHtL8O+FIPCuq3N5qml2k7mO/+2pBNazQpO6FLfeMv5fydPMr69/aI/wCCe/wX/az+Aun/AAv8ffDfw5rfgXQ0gj0vS0haxTRkgwkYtJIPLktcRqE/cMn7v5PuHBii+Wn7/wDW/wDVvK2xdTk9r7v9e7E/PzWJvG/7FHxE/al+EXg/4+fGT4r+G/C/wF1TxlqGq+L/ABMmta54F8R7ZFtES9REkh8+0Tz44f4PK8z/AJaV5n+2P/wVc+Kn7Vf/AATsv9P/AGf/ABJrmmab8L/AOm618T/ilbySRudTENq39i6ddIwP2t3ffPMmRGgxzv5/T74Cf8E2Pgj+yv8As/eIvhX4D+HGk+H/AAH4wgubfWrFbieaTV0njeORZ7mR3uJB5bsg3yHYvC4ArRt/2AvhDp37IjfAi08D2Vj8J30/+ypNAspZ7WOSHcHO6aORZ2keT53m8zzJHy7uSSauNk7v+7/4Fr/8lH1tqD5XOMv65fd/H3flf5nz5+2RP4t/bI/bp8N/s26V8WvGXwb8M2XgU+PPEV/4N1VNO8VeIWkvDaWtva3LI5hggeF5J3jzv8yOPo5I8d/4KLfs1eItM/4JS+IPGXhf9rz44a94g+AOla1HZa94Y8YxaamueRchBba01mM3l3aRweQ8m+OR5BI74d3r7Y/bQ/4Js/BH/goT4d0XTfi/4BsPGVvoMzy6bNJdXVleWRdcOkdzbSRzCNwBvj37HKISCUTGlpf7Bfwj8MfslTfAvS/A+mab8K7zTJNIuNB09p7VLi2k4ffMkgneR85knLmR2y7OSSaOko/1/VtCKbUZL/t3+vv1Pgr/AIKL/An4mfsg/wDBMjwT4R+Gvxe/aM+Ini7x/wDEvRIotQ1L4iLZ+JrqO7TEmm2urGNBawv5fyGRJFSSQl96fJXAfAv9uv43/sQ/sQ/tIeF/Hes+KtM+LngS/wBCg8M6R8TfFtp4qvPCtprTwWsOq3uvwwxwXtsLqaeby3TMCW/lv8mK/UD9rD9iD4Y/tv8AwaT4e/FDwuviXwctzDdrpwv7qx2TQ58thJbSRycZP8feuZ/Z6/4Jj/s/fsr/AAY1r4feB/hN4R0vwn4oi+za5ZT2v259ch3yER3s1yXmukTz5NiTu4QPhABUx0VT+9/6T7v/AIDtvqOOip/3f+CfFfjv9nvx9/wTk+Pv7OuqaP8AtVfHX4vfEb4reOLDQ9d8KeKPEkN/oPiHS5lMmsX1jpezNjHb4E6PHI4gjxHvO/NfqsvI+71FfL/7G/8AwR4/Zw/YA+IV34r+E3wv0vwt4kvrf7G+py397qVxFBnJSF7uabyd/R/L2F++cCvqAc/xdqr7PL/Xp/XcjeX9fefLv/BPH/k0/Qv+wprH/p1u69srxP8A4J4/8mn6F/2FNY/9Ot3XtlBYV8Lf8FZ9Fs/En7VX7KenajaWt/p9/wCK5ba6tbmJZYbmJ7zS1eN0YEMrKSCpBBBINfdNfD//AAVN/wCTw/2Sf+xyb/0t0qvHz1Xwck+8P/S4n6h4NyceK6MouzVPEf8AqNWPpK7/AGO/g3Y20ks3wn+GqR26b3f/AIRiy/8AjVeJ/Cf4i/snfHDxP4Y0fQfhdYpP403f2Dc6t8FdS0XT9YxDJdjyL2602OB8QJJIP3nzolfVniiJ7rw3qSonmSSWrxxon/LT5K+KfG3w5+J1h+xH+zLbeC9B1iDx/wCF/D0myF7Ly5NHvv8AhDtTgTz/ADP3cH+lvGn7/wDd+ZJGlegsLQ5JTnBe75L+9/8AInxv+sOby1+tVP8AwOX+Z9Nf8MY/B3/ok/w1/wDCYsv/AI1R/wAMY/B3/ok/w1/8Jiy/+NV8G+I9auPDnirwjajVv2stO+Ceu+JrCGeG9ufFjeLNQvU0LVpL2BEb/ic/Zd6ac5EH7gSRyPDhPMevVfC37PHir4lW/wADdS1y/wDjxa2Nx4r1i0nT/hNfEek3EfhmODVp9K/tSGC6j/f/APHikkl3/pcnyRzyeZ5kdUsDQcvgX3Ix/wBZ835eb61U/wDA5f5n07/wxj8Hf+iT/DX/AMJiy/8AjVH/AAxj8Hf+iT/DX/wmLL/41Xzv+19pfxauv2qNYvLWb4gSfBLS9O8Oz+IdN8MPqNvrGqJ5+pxz/wBnT2v7z9x/os93Baf6XPHHGiSf8sJ9j/goJpnxm8UfEjwz/wAKvufFEHhn/hENUu/Ettprz2l5qkCX2kyfYbGf/V2upTwfakgnk/eR/v8AZ5cknnwT9VofyL7ka/6w5vz8v1qp/wCBy/zPcP8AhjH4O/8ARJ/hr/4TFl/8ao/4Yx+Dv/RJ/hr/AOExZf8AxqvljzvFesftH6PLocf7Qceo/wBveHZPCKXg8RweG/8AhE/Ig/tH+1Euv9E+3f8AIR8z+0v9O8zyNn/LOs7xV+z/AKx8JPEPi+8ur79pK68Ax/EeCx1RNN8Y+Ldb1T/hHf7Ht50eyRLqe78v+1nj8yex/f8Al+em/wAtJI6PqlD+Rfcv7v8A8l+D7Ef6yZv/ANBVT/wOX97z/u/kfXH/AAxj8Hf+iT/DX/wmLL/41R/wxj8Hf+iT/DX/AMJiy/8AjVfn7FrPjm61zxBoOuar+05J440/wNYyfDaw0q61+T7PdT6rrUenT6x9l/cJP5Cad5/9tfu5PLk8/wAySOeuj+LVj8ZLtfHY0t/j3/wtfyfFqeJfsc2uR+F/7L+wz/2P/Y//AC4/a/M/s7y/sH+l+Z5/n/8ALStPqND+Rfcv8g/1kzf/AKCqn/gcv8z7f/4Yx+Dv/RJ/hr/4TFl/8ao/4Yx+Dv8A0Sf4a/8AhMWX/wAar5R1n4EftFeMviR4N0HxR4o8YaP4Z0O61HwZpeq+HteuvtGuWT6Hfumv6o8Hl7J/P/s6CPzP9XPBO/8Ay9x12HhfxP8AEL4yf8E0vip4+ifxha+NPiBol7d6Jpum6jPcXGl+RY/ZIP7O8h/k8+SB7qN4P9Z9rrP6rQ/kX3II8SZv7v8AtVT/AMDl/me/f8MY/B3/AKJP8Nf/AAmLL/41R/wxj8Hf+iT/AA1/8Jiy/wDjVfJ/xf8Ag54i+CPxg1jSrO8/aKvvgvcyeHLrxC+m+KPFPiDV9mzWvP8AsU/nz6lH/paaV56WEm/y/wDpn5leVftMfGHxhB8G/DPgnUdQ/aKt/E3hfwF4i8S2v/CP23il9Y/fX0kHhn+1J9LTzPM+yQTu/wBvk/1kD+f+830fVcN/IvuX+IIcSZzL/mKqf+By/wAz9Bf+GMfg7/0Sf4a/+ExZf/GqP+GMfg7/ANEn+Gv/AITFl/8AGq+Rv2UPiN8RrrV7H4hePrz4qeJPAfiC18S3/gD+xNP1uT+z4/t1/On9qWUKPPdSXdjJBJYvPH5EcdukEcaTukk/mFz8JP2mPBXg/wAN2fwz1r4uWXinVvBmkaje3PizUdb8QWcesPoHiL7Ukn2268u1k+2fYU2eZ5EE/wBkd4H+45LCUoxlKcF7vkv73/yIU+JM3l/zFVP/AAOX+Z+hH/DGPwd/6JP8Nf8AwmLL/wCNUf8ADGPwd/6JP8Nf/CYsv/jVfK/wm8J/FTVNJfVPg9N8SJ/Cvhi+sruDR/i7rviPSdQ1y6fSr+DUYPP1GCe+8iOSfTp4/wBw8HnwT7Nn+sj8n8A6D+0ZdfEnwLeeJPFPxY0fWo9N8K/2Vp1t4S8Tatb3dj/Ztr/aX9o3KanaaNDP9o/tHz/7StXvvuPD5kht0BLCUFOXuL3fJBDiTN5Q5/rVT/wOX+Z+gH/DGPwd/wCiT/DX/wAJiy/+NUf8MY/B3/ok/wANf/CYsv8A41XxO2kftQaZ8J/h2/ijxH4q1vTbj4ZQPrdt4W8N6rpPiDT0+3aL9uSeZ726kutZ+w/bvLeOOCffHPsTzH+T6M/Zg8C698Q/2ZviZ4fj1X4n6H4d1zVNRtPA+peJr3VLfxPp+nSWsH793vX/ALSj8u++1PH9r/f+X5f/ACz8uqqYOhHm9xe75L+bl/4b5h/rJm/u/wC1VP8AwOX+Z6Z/wxj8Hf8Aok/w1/8ACYsv/jVH/DGPwd/6JP8ADX/wmLL/AONV8g6N4x8V/Fvwl4P+I3xM/wCF3Q/Dnx41/dX2m+ArzW7i80u9ht7Sz07/AJAL/a/sM8cOo3Wbf9w8l3H53/LOqf7Znwh8SaL8PrjxxZ69+0ho82n/AAb1vWp5rnxxqthJZ6xapYR2L3VrZXUemx3fl/av3ccflySb3eOSp+q0P5F9y/vf/Il0+JM2n/zFVP8AwOX+Z9lf8MY/B3/ok/w1/wDCYsv/AI1WT4j/AGbvgB4QvobXVvAPwd0ma7j8yKK80bTreSWPzIoN6b4/+ek1un/XSaP+/XyTdR+IGvZpvD837UVx+z+NQ0dPE73/APwlieMJLryL8zvpyTf8T1LTz/7H8/7Jsg+/5Pyfa684+J/ws+OHxj8D+INDuvDfxImk8MeCYPFHhHxPrenvf6xpD2t9rX2GCyedHnTXZ7R9KSd4/wDS44433yRzvHV/UaH8i+5f1/mR/rJm/wD0FVP/AAOX+f8A4F2P0T/4Yx+Dv/RJ/hr/AOExZf8Axqj/AIYx+Dv/AESf4a/+ExZf/Gq+evhroN54t/aA1LSvGTftMR+PtQ17WLTVH0q91i08Fx6A6Tx2Oybemmwf6J9l+ewkTUo7v/tvXzd8U/gT8QPAz+E418XftIaDZ6g3jOK+uZz8S/GmWt9aji0dPJ0jU4J4D9h3vHJJJ5Ekfz+XI/z1j9XockZci+5f1/wS/wDWDN5f8xVT/wAGS/z/AKWp+i3/AAxj8Hf+iT/DX/wmLL/41R/wxj8Hf+iT/DX/AMJiy/8AjVfIPw4l+LeqfEzwRN4ls/jtpvxM+3eFpLK2e91Gfwpb6D9htP7YTUXgSPRnvvM/tXzPPjS68z7P5Ef+rr9CK2qYGhH7C+5f1/wbmH+tGb/9BVT/AMDl/mfD/wDwQM/5M88Sf9jldf8ApFY19wV8P/8ABAz/AJM88Sf9jldf+kVjX3BXm5D/AMi+l6H3HjN/yW+Zf9fH+SCiiivXPzE+H/gV/wAp1vjR/wBibb/+itGr7gr4f+BX/Kdb40f9ibb/APorRq+4K8fJ/gq/9fJ/+lM/TvFL/ecu/wCwLCf+mYnn/wAF/JsfiZ8WLxY40vrjxRBaPNs/eSQR6HpsiJv/AOefmO//AH8rL+O/7YN58G/iToHhPSfh78QPiN4g8Qadfaslt4butKt/sdravBG7yPqN7aR/fuo/9XvrK0vWX0v4gfErbNJH5nitPuP/ANQPRa4TxJpet3/7YHhHxVEkkmh6X4Q1jSbq589P3c891pkiJs/1n+rtZ/8Av3Xsfbj/AF9k/Mf+XZ7l+zz+0fB+0b8LLXxVa6Tr/h37RdXthPpusPB9ss57S6ktJ0f7LPPB/rIH/wBXI9dt/b7/APPaT/vuvyZ8efsg+OdZk1JNS+G//CXaxqD6p/whWtvqNj/xbPUZ9fv75NV+efzIPMjnsZ99pG8/+ibHjr239vqL/hLfHHw50rTdS0//AISrxw994Muraa68u8vPDt1BHJqsiJ/H5EcED/8APOP/ALaJR8YL3ZyPvn+33/57Sf8AfdH9vv8A89pP++6/I/xb/wAE7PiLqnwH8f8AhXS7nT7HwX4ouvEXiG68GI6eZqmt/brv+ynSff5CQSQPazyR/wDPewg/56T13ng34D+LfBv7RF94qi+Gl5/wlWn6j4i1LV/HNtqOnfaPHml3UE/2HR0fz/P/AHe+xTZd+RBH9g+ST/V0T+ED9NP7ff8A57Sf990f2+//AD2k/wC+6/Kf4D/8E7PEnwlttDvPBem+D/hX4g0Pwv4aneZNEgv9P1TWINO1ax1FLqC1uoJHk8vUE/f+Z/rPL/eSfvK4W5/Y3+Jy+NfhXfz/AA71CPxN4QtfCdhDruj2vhKO3t7G0gtE1FL7UJ/+Jz5/mfbo9lpJ5EkHkJ8/mT1cvdnKAf8ALs/ZL+33/wCe0n/fdH9vv/z2k/77r8ifEH7H3x08C/D/AOEdzpGoeI/iDr/g/wALaVZ/2P4g1HRLTT/Dl1BrGg3clqj2sMEjwJHZT/PJJO/7j92/mSfPR+IH/BPP4nS+OPFTxXHiPxJo95qF7q2ro+qWP/Fw0nk8Mz32nT+dvkggu/7O1GNE8yCOPYiO8cHyOKn73/gX/kv9f5XA/YT+33/57Sf991558afJvviZ8J7xo43vrfxRPaJNs/eRwSaHqcjpv/55+Yif9+68B/Yk8Oal8Jfhxrlr/wAI3J8PfD+oa9Pf6D4PR7X/AIpexdI4/I2WryWieZOk8+yCR44/Pr1TVNZfVPiB8Nd00knl+K3++/8A1A9aqAPaa+av+Cv3/KOz4h/9w3/052lfStfNX/BX7/lHZ8Q/+4b/AOnO0rz82/3Gt/gl+TPtPDf/AJK3K/8AsJof+nYnpf7GH/Jnnwn/AOxN0j/0ihr0qvNf2MP+TPPhP/2Jukf+kUNb3xA+PPgb4TahBZ+KvGfhPwzd3UfnQw6rq9vZySpkjcqyOpK5BGRxkVrh6kYYeDm0tFv6Hm53ha+JzrFUsPBzl7SppFNv4n0Wp1lFR2t3FfWsc8Ekc0Myh45EYMrqRkEEcEEc5FSV1nzrTTswooooAKKKKACiiigAooooAKKKKACiiigDlfEX/IYn/wA/8s6rfsN6h5PwQ1JfTxv4u/8AUk1KrPiL/kMT/wCf+Wdcp+xzq62/wh1RS8f/ACOvi3/1I9Sr0p0+alE4KdTlqyPNv2MvhfYfBG3+I3hLS5ryfTfDfii1sLV7x0kuJETw5ov39iR16pe/tqfCv4H6/wD2J4q8caLomqR26GS0eVpHh+aaT59gPl/u3Rv3mP8AWJ7VxfwHuvt/xA+MU3k3lr5njWD5Ly1e3uI/+Kc0X+B6g0H4jfF34i/GDx34b8FzfDex0rwPdWMH/E706+kuLjz7WOf78E/l/wCsd/8AlnVYznnAjD+5M9F/4ef/AAD/AOil6H/3xP8A/EUf8PP/AIB/9FL0P/vif/4iud/4Rv8AaQ/6DHwP/wDBXqv/AMfo/wCEb/aQ/wCgx8D/APwV6r/8frz/AGUzu9rA6L/h598A/wDopeh/9+5//iKP+Hn3wD/6KXof/fuf/wCIrnf+Eb/aQ/6DHwP/APBXqv8A8fo/4Rv9pD/oMfA//wAFeq//AB+l7KYe1gdF/wAPP/gH/wBFL0P/AL4n/wDiKP8Ah5/8Ax/zUvQ/++J//iK53/hG/wBpD/oMfA//AMFeq/8Ax+j/AIRv9pD/AKDHwP8A/BXqv/x+j2Uw9rA6L/h5/wDAP/opeh/98T//ABFH/Dz/AOAf/RS9D/74n/8AiK53/hG/2kP+gx8D/wDwV6r/APH6P+Eb/aQ/6DHwP/8ABXqv/wAfp+ymHtYHRf8ADz/4B/8ARS9D/wC+J/8A4ij/AIef/AM/81L0P/vif/4iud/4Rv8AaQ/6DHwP/wDBXqv/AMfo/wCEb/aQ/wCgx8D/APwV6r/8fo9lMPawOi/4ef8AwD/6KXof/fE//wARR/w8++Af/RS9D/79z/8AxFc7/wAI3+0h/wBBj4H/APgr1X/4/R/wjf7SH/QY+B//AIK9V/8Aj9HsZh7WB0X/AA8/+Af/AEUvQ/8Avif/AOIo/wCHn/wD/wCil6H/AN8T/wDxFc7/AMI3+0h/0GPgf/4K9V/+P0f8I3+0h/0GPgf/AOCvVf8A4/R7KYe1gUf+Cc90l/8Ash+H5opI54JNR1iRHR/3cif2rd17hVfR47qPRbH+0Zbaa/8As0L3U0EPkxyPsTfsTe/lpv8A+We+T8asVmaBXw//AMFTf+Tw/wBkn/scm/8AS3Sq+4K+H/8Agqb/AMnh/sk/9jk3/pbpVeRnn+5v1h/6XE/TvB7/AJKml/17xP8A6jVj7gooor1z8xKOqeGNN17UdNvLzT7O6utHmkn0+aaFJJLOR0ePfG/8EnlvIn7v/lnI9XqKKACiiigAooooAo2vhbTbXxDd6rFY2aapqEEEF1eJAn2i4RPM8tHf/WPHHvfy/wDrpJV6iigCj4o8Lab4z8N32j6zYWeq6Pqlq9pe2F5Ck9veQOmx0dH/AHbxyR/8s6foGgWfhfQ7XTdNs7fTtN0+FLS1traFI7e3gRNiIiJ9yOOrdFABRRRQAUUUUAFFFFABVHxR4W03xn4bvtH1mws9V0fVLV7S9sLyFJ7e8gdNjo6P+7eOSP8A5Z1eooAqaBoFn4X0O103TbO307TdPhS0tba2hSO3t4ETYiIifcjjpniPw5pvjLw/faVq1hZ6rpWoQPBdWd5Alxb3Eb/fR0f928dXqKACiiigAooooAKKKKAPh/8A4IGf8meeJP8Ascrr/wBIrGvuCvh//ggZ/wAmeeJP+xyuv/SKxr7gryMh/wCRfS9D9O8Zv+S3zL/r4/yQUUUV65+Ynw/8Cv8AlOt8aP8AsTbf/wBFaNX3BXw/8Cv+U63xo/7E23/9FaNX3BXj5P8ABV/6+T/9KZ+neKX+85d/2BYT/wBMxPLvFfwH1yTxxrmq6D4i0e1tfEE8F/dWesaJJf8Al3SQRwb4HguoJE8yOCD5JN/+rql/worxr/0MPw//APCU1H/5b169RXsH5ieQ/wDCivGv/Qw/D/8A8JTUf/lvR/worxr/ANDD8P8A/wAJTUf/AJb169RQB5D/AMKK8a/9DD8P/wDwlNR/+W9H/CivGv8A0MPw/wD/AAlNR/8AlvXr1FAHkP8Aworxr/0MPw//APCU1H/5b0f8KK8a/wDQw/D/AP8ACU1H/wCW9evUUAeQ/wDCivGv/Qw/D/8A8JTUf/lvR/worxr/ANDD8P8A/wAJTUf/AJb169RQB5D/AMKK8a/9DD8P/wDwlNR/+W9XfCnwH1yPxxoeq694i0e6tfD889/a2ej6JJYeZdPBJBvnee6nkfy455/kj2f6yvUaKACvmr/gr9/yjs+If/cN/wDTnaV9K181f8Ffv+UdnxD/AO4b/wCnO0rz82/3Gt/gl+TPtPDf/krcr/7CaH/p2J6X+xh/yZ58J/8AsTdI/wDSKGnfGjxBefD+z1i68P8Awr1PxxqWsae/2qSwk022jvDGjLFBcvPMkrLhiBsil2qzYUk7S39jD/kzz4T/APYm6R/6RQ1a8X+DPiRP4p1C68N+O/D1jpV8qGKx1jws2ovp7hNreTLDd2xKNgPtlWRgxbDbSEWXGUsJGMU9Yrbl7f3tCcTOlHP8VKvKCiqk7qfteWXv7fuvf890tN72T5X/AIJ46ZZ6B+x94O0uz16HxEdLintrm4jhmhEE4uJTJbeXMqyxiFiYgrqrBY1+UAgV7VXF/AP4Iaf+z/8AD5dDsLq81KWe7n1K/v7sr5+oXc8hkmmYKAq7mPCqAAAB2ye0ruoxlGnGMrXsr22vbW19bX2vrbc8nibG0sZm+KxdCTlGpUnJNpJvmk3dpJJXv2XotgooorQ8MKKKKACiiigAooooAKKKKACiiigDlfEX/IYn/wA/8s68z/Za/wCSa6x/2Oviz/1I9Sr0zxF/yGJ/8/8ALOvI/wBmfxFHpvw/1qH+yfFF1s8a+LB5llosk8Lf8VHqXRwmDXrVPgiefR+OR0Hg3/kuvxw/7HW1/wDUZ0Gof2Rf+TmPj3/2FNE/9NUdTeDf+S6/HD/sdbX/ANRnQah/ZF/5OY+Pf/YU0T/01R0v+XEAqfxpH0E/G4t90Vn+FfFml+OfD1hrGj6lY6tpOoQrPa3tnMk1vdo/3HR0+R0rnP2jG2/s/eNh/wBS/e/+iXr8e/8Agm9/wcafBP8AY0/Yk8A/DDxF4X+KWpa34V094Lu507TdPezkeSZ3+TfeI/8AH/cr7LhzgHM89y2rjcqpSqypThDkir+7KMnzf+SpfM561b2MoOf2ub/23/5I/avStfsdeluo7O+s7qbT5vst0IZ0k+zzf3H/ALknz/cq6evtX5Df8EtP+CiHgP8AZL/4J4/HP49+LpNW+w+MPi5q19Z6f8kl/fz3SQPDaxn+/s+d/n+Ty3r6C/YR/wCC2Vx+0/8AEbxt4a+JXwf8UfA2+8D+GP8AhLbmfWrp5LZNPQjzJpPOggkj+/vj+R43RH+dP4+vOPDHO8E8VOjRcqWHnySl7sfe91S5YuXNLllJJ8qla6va5nDG0pf9vf8AyXKfe4OM0mduGNfnT+zF/wAF9Ln9pL446RoMHwD+JWi+D/HT3Vr4D8U3aH7D4muoI55BC/7ny4Q/kyfPHNPs/jwm90vfBn/grt8fPin+1tqPwgm/ZM/s3xF4XfT7jxWo+J+nznw/ZXWz/Sv9Tsm/dvv2Rvvrlq+G+f0pVYVqUIunDnmpVaUbRvy3tKavaXuyS1jL3WuZ2BYmjex+hNIG3H6V+WPj3/g5E13wn8TfiFpekfs1+NvFnhj4X+I73R/EXiLS9Uea3021hn2fan2WTxxu+yZ/LkkRPkH7z+57R+2D/wAFx/DPwJh8A6P8NfAvin42fED4iaHF4n0fw7oMcgkGmTLvSaZ0jnk3lPMfZHG/3H37P3ZfSt4Y8TUqtKjPC+9VV4+/CyXKpXm+e0Pdafv8ujuafWaXNKP8h9reKPE2m+C/Dl9rGs6hZ6XpelwvdXl3eTpBb2kKfO8kjv8AIiR/3/asvVvjH4U0XSdD1G88T+H7XTfFFzDaaLcTahDHBq886b4I4H3/AL55E+4iffr87PEn/BdTw78Vv2D/AI1av47+CPiLRfEnw/Flo3i34ea1evaO9rqk/wBlT9+8CSf6t3+TyUfj/bSSvJvj9p3wD/4JbftCfBOxufEnxo+NHiK41Cyn8I+AvEvjn7RongOGR44IL5IfJ+SSBP3cCPv/AI/7iOO3AeF+ZyqvCYylONZykoxiozUuWEZv3uflStKEub4XGXuydrGVbHU4w54n7IDmgN8x4+UdD618I/tIf8F0vBf7M3xq+OPgvxJokNnqfwn07TrrRYTrKm88a3l7BHItrBa7N6bHdA7p52E/efJ0Pc/BD/gplqXjb9rfQvg742+Gtx8PvEmo/DlPH+ombXob9NHP2oQPZPsRN/yfP52//Y2V4GI4Hz6jho4yph2oOPMvejrHljPmir3l7sot2+HmSlZ6G8q0Iy5P6/r3j61XleaCNicV8h/sL/8ABXnwf+3/APtT/Ev4f+CdLuLjw/8AD+2gnt/ErXWU1r95sfZDs+SPf9x9/wC8/uJX16GyteLnOSY3Kq31TMqTpztGXK97StKL8tNe/dBTqQm/cMj/AJdrP/r1g/8AQI6KP+Xaz/69YP8A0COivn2esFfD/wDwVN/5PD/ZJ/7HJv8A0t0qvuCvh/8A4Km/8nh/sk/9jk3/AKW6VXkZ7/ucvWH/AKXE/TvB7/kqaX/XvE/+o1Y+17rw9Y+IZSuoSalDa28Dzv8AZb6a0+55f/PGTfXLaNq3wz8R6H4B1Gz1zxBNY/FAofDEv9r6ug1LfYvfJ/H+7zbwSSfvNn3P7/B69omuRfrGgd3025jRF/5af6uvgCH9k/48/Dz9lv8AZ7v/AAf46+KHiPxvpPhy6TTvDXiTRdGt9M8J6l/wiOpRWvmPBp0E8Pl3TxW/+l3Dp+8+fe+M+r7S6kv5eX9f8j815OY/Qv8A4UR4fP8AF4i/8KHUf/j9H/CiPD/97xF/4UOo/wDx+vlD/glroPj3RtB8fNrPiz4l+JtHewsWsY/FXg/xPoTWeobJ/tSQP4h1O+1Kc4Fvv2eXaD5PILv5+z4++CWo/tCfDb4aadqWn+JPj5qmqf2P4duvElzq/gT4gTx+H75Nb0wzxyafql7PcaxI9u995n9jSWsHl28++NxPb+Xa1qeyM/s8x+rmvfDTwn4Q0K+1TVNQ1jT9P06B7m6u7nxNfQw2kKIXeR3afCIiDl8jA9K5L4G+KPhL+1D4f1XVfh14ym8a6Po+of2ZNqek+Kr67sXn8mKcrDdRz7J8Rzp88buI3LpkOjoPjP44+IPjp+1/4Gt49c0nx1/wjOmpPLqFz4e8I6x4W/4SfTrTxB4aupJ49IvXku7W+FomqxwQSSPPP5Ejwf69I6x4/GEqfHPTdJ8Xap+11afBe6tfEt34M0vTJPGTeKr+CH+wUV75LXOueWl9JqvkSXxT93JGjny3gSinzdf6/wD2ui/yDlP0kPwK8Pgfe8Rf+FFqP/x+j/hRXh8r97xF/wCFFqP/AMfr81/GN7+0Ja/GX4cza1/wtjSPHGk3HhPTNUtdO0jxfrVh4khkjtP7VvprmyvY/DFls866gkSS0kk32jzpJH5kDp0n9i/tUaX8Ivhy/izxN4r1/SZvhhBJrlt4U8MavpPiHT0/tDQftyTTPqF1Jdaz9h+3+W8ccNxvjn8hPMk/dqMX3+1/7bcD9Bv+FEeH/wC94i/8KHUf/j9IfgT4fA+94i/8KHUf/j9eW/8ABPeDVoPhv4q87/hYR8HnxPdP4L/4ThtRbX/7K8iD/X/2n/p4H2v7bsF3++8vy/8Aln5dfQj/AHaqRKOO/wCFEeH/AO94i/8ACh1H/wCP0kfwM8P7F+fxD/4UOo//AB+uzrxT9uT4W/Fj4rfs86xp3wR+Jf8Awqz4lQn7Vo2rz6Zaalp9xIin/RbqO5gm2W8meZIE8yNxG48xEkgkko7cfArQR91/EifTxDff/HqzdGl87R7Vm/eSeQleOf8ABK34ZftI/D/9neLVP2oPiWfHXxM8SeXdTaRb6ZpdpYeEYxnFqkllBH9pn+f9+5d4w6JHCNiGef2PQf8AkB2P/XBP/QKtAWqKKKgAooooAKKKKACiiigAooooAKKKKACiiigD4f8A+CBn/JnniT/scrr/ANIrGvuCvh//AIIGf8meeJP+xyuv/SKxr7gryMh/5F9L0P07xm/5LfMv+vj/ACQUUUV65+Yn5z3H7R/gv9l//gtL8Xtf8daz/Yek3nhq00+Gf7JPc752ttKkVNsKOwysTnJGPl65Iz9B/wDD379nX/oof/lB1P8A+R69d8YfsyfDb4heIrjWNf8Ah74H1zVrzb597qGhWt1cT7VCLukdCzYVVUZPAUDoKzf+GMfg7/0Sf4a/+ExZf/Gq8Klg8fQlNUZQ5ZSlLVSvq79Gj9izHifgzNqWFnmtDFe1o0KVF+zqUlF+ygo3SlTk9bX1Z5p/w9+/Z1/6KH/5QdT/APkej/h79+zr/wBFD/8AKDqf/wAj16X/AMMY/B3/AKJP8Nf/AAmLL/41R/wxj8Hf+iT/AA1/8Jiy/wDjVbcuafzU/wDwGX/yR5ft/Dv/AJ8Y3/wbQ/8AlJ5p/wAPfv2df+ih/wDlB1P/AOR6P+Hv37Ov/RQ//KDqf/yPXpf/AAxj8Hf+iT/DX/wmLL/41R/wxj8Hf+iT/DX/AMJiy/8AjVHLmn81P/wGX/yQe38O/wDnxjf/AAbQ/wDlJ5p/w9+/Z1/6KH/5QdT/APkej/h79+zr/wBFD/8AKDqf/wAj16X/AMMY/B3/AKJP8Nf/AAmLL/41R/wxj8Hf+iT/AA1/8Jiy/wDjVHLmn81P/wABl/8AJB7fw7/58Y3/AMG0P/lJ5p/w9+/Z1/6KH/5QdT/+R6P+Hv37Ov8A0UP/AMoOp/8AyPXpf/DGPwd/6JP8Nf8AwmLL/wCNUf8ADGPwd/6JP8Nf/CYsv/jVHLmn81P/AMBl/wDJB7fw7/58Y3/wbQ/+Unmn/D379nX/AKKH/wCUHU//AJHo/wCHv37Ov/RQ/wDyg6n/API9el/8MY/B3/ok/wANf/CYsv8A41R/wxj8Hf8Aok/w1/8ACYsv/jVHLmn81P8A8Bl/8kHt/Dv/AJ8Y3/wbQ/8AlJ5p/wAPfv2df+ih/wDlB1P/AOR6P+Hv37Ov/RQ//KDqf/yPXpf/AAxj8Hf+iT/DX/wmLL/41R/wxj8Hf+iT/DX/AMJiy/8AjVHLmn81P/wGX/yQe38O/wDnxjf/AAbQ/wDlJ5p/w9+/Z1/6KH/5QdT/APkevEP+Cj3/AAUf+DHx6/Yx8ZeE/CfjL+1vEGrfYvstr/ZN9B5vl31vK/zywqgwiOeWGcYGSQK+uv8AhjH4O/8ARJ/hr/4TFl/8ao/4Yx+Dv/RJ/hr/AOExZf8AxqscRh8zrUpUZSp2kmnpLqrfzHqZJnvAOV5jh8zw+HxjnRnCpFSq0Wm4SUkmlSTtda2adtmg/Yw/5M8+E/8A2Jukf+kUNelVV0XRbPw3o9pp2nWlrYafYQpbWtrbRLFDbRIoVI0RQAqqoACgAAAAVar2aNPkpxg+iSPyvNMYsVja2KirKcpSt25m3b8QooorQ4QooooAKKKKACiiigAooooAKKKKACiiigDlfEX/ACGJ/wDP/LOo/wBhX/khOof9jv4v/wDUm1SpPEX/ACGJ/wDP/LOo/wBhX/khOof9jv4v/wDUm1SuzFfwonHhf4kjh/Bv/Jdfjh/2Otr/AOozoNQ/si/8nMfHv/sKaJ/6ao6d4AuUvfjV8bJV8zy5PGsH30eP/mXNB/v039kX/k5j49/9hTRP/TVHXT/y5gZVP40z079pTwPqvxL/AGd/HXh3Q/so1zXtAv8ATtO+1vsg8+a2dI/M2f8ALPzHrgf+CcfwD1b9mn9hj4X+AfEUNqviDw14fitdQSKTz445/vum/wDj2SPXuQfKbqNuGFdcc0rRwEsBF+45Kf8A29GMor8JMVSHNOM/5P8A27l/+RPyK8ff8EevjdpP7J+tJ4atvDtx8QvBPxyvfih4S0ybUEkt9etfMTyEd32RpI+zfsd0/wBvZv8AkZ4L/YX/AGu/2ufjd8Sde+Nvg3wT8P4/jB8M73wPd3Og38cg0SaCZHsppoftMzv5nzp+7d/k+/5f8f68n6Un3jyK++o+LWbRoypypUpzvL33F88eZxm+W0kvijGS5lL3v7raOb6rHm5v6+LmPzP/AGDPAv7ffhb4g/Dr4e+ONH+FvgT4Q/C8Jp97qmnxwXc3izT7WHyI4Y1SZ3Tfsjk3+Xa9Pn/54P7x8H/2XPH3hP8A4K8/F74o6hY28Pw/8VeDNM0qwvBcwtJd3sLpvTZ/rE8sI/3/AO+n3+31xxkcdaG+dcbf1rwsx41xGLrVa0aFKl7aHJNQjyrWam5fE/ecorra2iSRUcPGMeX/AA/+Sn4J+A/Dv7VXxs8e/tc/Cf4H+DfCGrfDv4gfEzWdK8Ta9qt3HDcaK88/lzbN9yh2eR9/y4Jn67Pnr60+Lv8AwRq+NnwR8SeAvGf7L/xd0Pwr400HwPp/gHWh4js0a01GztUT9/H/AKNdbJHkRPk8v/tp/A/3R+zr+yP4L/Ze1nx5e+E7W8t7j4jeJJ/FWr/abnz997Oke/Z/cj+Tfs/6aPXqJ+b6d6+pzvxZxU8TBZXRpwppWkpQ5va+5CEnVU+eMvg91Wiuu9xfVoznKcv73/pXMfmJN/wQ8+IF5/wT6+NnhvXPH2j+Mfj98dtR07Vdf8Q6jJPBpaPa3Uc6WqOiO/lx/v8AY4hTh0TYiJipPEP/AAQFvtN+AekQ6X4s07xd8YtY8ZaR4i8Y+NvE5n+0X9rayB3tbXZveFE+TYn8ez53T5PL/TbbtowF49a8aPinxHDSFa3v8+kYrXlhDl0+xGMIpQ+H3VpdIUcHSlDln/e/8mPyp/az/wCCJ3iT9sP9tz9ozx1qlh/wjd1faTos/wAL/FNvqvkvDqdtax+ZvhhfzI/3kKI7yJ/tx1X8Xf8ABID47/t+fEb4X+OPjH4sg+HG74ep4R+IOm6Nf+ZrGrlL2d3gDw77Xy508l3fe+H+TY9fq8o5OW3fhRu3Z46VvHxdz9UqNKm4/uYRhCXLfkj7NU2o810uZRjKS/nXNHld73WwsXKcv5//ALX/AORPkL9jv/gmyf2R/wBub4heMvD8HhXRfhrq3hPSPDvh7R9N8/7ZaG2z57z702fO/wA+/e7vv+f/AG/r3GCKUDBzSjgV8Vm2cYvM6/1jGz55qMY362hHlV31dkrt6vdlQowi/cMf/l2s/wDr1g/9Ajoo/wCXaz/69YP/AECOivnD1gr4f/4Km/8AJ4f7JP8A2OTf+lulV9wV85/t6fsF3n7aOseBdR07x1deBdQ8CzXVza3Vtp7XMxlla3ZJEdZ4jE0bW4IYEnLAjGOfNzijUq4WUKKvK8XbRbST66bI/QPC/NsBlvEdHF5nV9lR5a0XK0pW56NSEXaKcn70ktE/uPpLSL3+x9YjmaN5E8l0bYOn+r/+Ira/4TSH/n1uvzj/APi6/P8A/wCHWXxi/wCjtviV/wB8Xv8A8sKP+HWXxi/6O2+JX/fF7/8ALCsfr2M/6Bn/AOBQ/wAzu/1P4W/6H9P/AMJ8T/8AKz9Af+E1h/59bv8AOP8A+Lo/4TWH/n1u/wA4/wD4uvz+/wCHWXxi/wCjtviV/wB8Xv8A8sKP+HWXxi/6O2+JX/fF7/8ALCj69jP+gZ/+BQ/zD/U/hb/of0//AAnxP/ys/QH/AITWH/n1u/zj/wDi6yPM0eXxPb6xJo8cmrWdvJaxXz20X2iGCR0d443J3hJHhj+TuY0OPkr4V/4dZfGL/o7b4lf98Xv/AMsKP+HWXxi/6O2+JX/fF7/8sKf17Gf9Az/8Ch/mH+p/C3/Q/p/+E+J/+Vn6A/8ACaQ/8+t3+cf/AMXR/wAJpD/z63f5x/8Axdfn9/w6y+MX/R23xK/74vf/AJYUf8OsvjF/0dt8Sv8Avi9/+WFL69jP+gZ/+BQ/zD/U/hb/AKH9P/wnxP8A8rP0B/4TWH/n1u/zj/8Ai6P+E1h/59bv84//AIuvz+/4dZfGL/o7b4lf98Xv/wAsKP8Ah1l8Yv8Ao7b4lf8AfF7/APLCn9exn/QM/wDwKH+Yf6n8Lf8AQ/p/+E+J/wDlZ+gP/Caw/wDPrd/nH/8AF1F/wm8f/Pnef+Q//i6+A/8Ah1l8Yv8Ao7b4lf8AfF7/APLCj/h1l8Yv+jtviV/3xe//ACwo+vYz/oGf/gUP8w/1P4W/6H9P/wAJ8T/8rPvyTxvDs+WzvN//AGz/APi65zS7V7XT4IW/1kaJHXxN/wAOsvjF/wBHbfEr/vi9/wDlhR/w6y+MX/R23xK/74vf/lhR9exn/QM//Aof5h/qfwt/0P6f/hPif/lZ9wUV8P8A/DrL4xf9HbfEr/vi9/8AlhR/w6y+MX/R23xK/wC+L3/5YUfXsZ/0DP8A8Ch/mH+p/C3/AEP6f/hPif8A5WfcFFfD/wDw6y+MX/R23xK/74vf/lhR/wAOsvjF/wBHbfEr/vi9/wDlhR9exn/QM/8AwKH+Yf6n8Lf9D+n/AOE+J/8AlZ9wUV8P/wDDrL4xf9HbfEr/AL4vf/lhR/w6y+MX/R23xK/74vf/AJYUfXsZ/wBAz/8AAof5h/qfwt/0P6f/AIT4n/5WfcFFfD//AA6y+MX/AEdt8Sv++L3/AOWFH/DrL4xf9HbfEr/vi9/+WFH17Gf9Az/8Ch/mH+p/C3/Q/p/+E+J/+Vn3BRXw/wD8OsvjF/0dt8Sv++L3/wCWFH/DrL4xf9HbfEr/AL4vf/lhR9exn/QM/wDwKH+Yf6n8Lf8AQ/p/+E+J/wDlZ9wUV8P/APDrL4xf9HbfEr/vi9/+WFH/AA6y+MX/AEdt8Sv++L3/AOWFH17Gf9Az/wDAof5h/qfwt/0P6f8A4T4n/wCVn3BRXw//AMOsvjF/0dt8Sv8Avi9/+WFH/DrL4xf9HbfEr/vi9/8AlhR9exn/AEDP/wACh/mH+p/C3/Q/p/8AhPif/lYf8EDP+TPPEn/Y5XX/AKRWNfcFeH/sDfsa/wDDDvwe1Lwn/wAJJ/wlH9oazLq/2r+z/sXl74IIvL2eZJnHk53bh97GOMn3Ctspw9Sjg6dKqrSS1/pHl+Juc4PNuKcbmWXz56VSbcZWaurLW0kmvmkFFFFeifChRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQByviL/kMT/5/5Z1H+wr/AMkJ1D/sd/F//qTapUniL/kMT/5/5Z1H+wr/AMkJ1D/sd/F//qTapXZiv4UTjwv8SRwPw5l+1fGj42Ov/Q6wf+o5oNelfD/wJovhOTUNUtbOxtNR8UTJd6jctevG95JGggj/AI/+WccKR/n/AH3rxH9mOXxDc+Ofja3ij+x/7V/4WNP5H9lb/s/2L+x9J+w/6z/lv9k8jzP+Wfn+Zs/d19QfC7/jwX/r2T/0dPVVP91gV/zEyKfmW39+z/8ABpJ/8XR5lt/fs/8AwaSf/F13FFcJ1HD+Zbf37P8A8Gkn/wAXR5lt/fs//BpJ/wDF13FGcUAcP5lt/fs//BpJ/wDF0eZbf37P/wAGkn/xddxmjNAHD+Zbf37P/wAGkn/xdHmW39+z/wDBpJ/8XXcZozRcDh/Mtv79n/4NJP8A4ujzLb+/Z/8Ag0k/+LruM0ZoA4fzLb+/Z/8Ag0k/+Lo8y2/v2f8A4NJP/i67iigDh/Mtv79n/wCDST/4ujzLb+/Z/wDg0k/+LruKKAPMPB/jrSfiHoP9paHeQ32m+fPYpNEcxySWs8kEmz+/+8hk+f8AjrTrxP8A4J4/8mn6F/2FNY/9Ot3XtlAHI/tA+P7z4U/AXxv4o06O1m1Dw3oF/qtrHcqzQySwW8kqBwpUlSygEAg4zgjrXxT8IP21P2yPj18OtO8WeE/hT8NdW8P6t5n2W684Qeb5crxP8kuoq4w6OOVGcZGQQa+uv2z/APkzz4sf9ibq/wD6RTV5p/wSB/5R2fDz/uJf+nO7rxMXGpWx0aCqSguRv3WlqpJdU+5+ucM4jA5ZwhXzmrgqOIq/WadJe2jKSUZUqk3blnB3vBdWt9O3mn/C9f26/wDoi/w1/wDA6L/5Z0f8L1/br/6Iv8Nf/A6L/wCWdfZ/i7/kWNS/69H/APQK/N39jv4Ta1+yj+yl4U+MOj+B/hL8KZrj4eaXoVn/AMIhYya7eeP9U1KbTI7KfVLXydKj+0eZ+7TzLt49+pT7540R3e6eVTnKX+0VPvj/AHv7v905P+Ij4b/oS4L/AMF1v/l56n/wvX9uv/oi/wANf/A6L/5Z0f8AC9f26/8Aoi/w1/8AA6L/AOWdHwM/bX+OXxy8UR/De4tvA/w9+JOn6vrFvqOpeIfDfn2fkWNppk/kJp9lrc8fnyf2on+r1J/Ljt5H8v8AeeXH1Xgf9rn4lfFq/wBS1zSfE/7P+leGfB97o+i6pbXN1dXdv4gur6C0n+1WOrpPHHBBJ9tjS0SS0n8+SPZ5ieZ+7f8AZM/+gip98f8A5Ej/AIiRhv8AoS4L/wAF1v8A5ecr/wAL1/br/wCiL/DX/wADov8A5Z0f8L1/br/6Iv8ADX/wOi/+Wdcrr3/BVb4tahb6V4X0L4cagvxD1SDw1p09jf8AhG6sf7L1e7tdWuNR/c6pe6bHdQf8Szy4Hju0R5Hk2Tz/AOrrtoP2qvj/AOLPC3wlvrS7+FPg+/8AGGr6p4a1yw1Hw5/bsltfadDqU8k6Tadr3kQ+YNPSP7J5k0kEkjo88nl0SymcYSn9Yqe75x/+RD/iJGG/6EuC/wDBdb/5eU/+F6/t1/8ARF/hr/4HRf8Ayzo/4Xr+3X/0Rf4a/wDgdF/8s6ytF/4Km/ETxD8PfCN9qXw71HwFfeKPh6mu2V9qOmWOtW+v6vPfaRaWsGnWtrrW/wAiSfUNmy7ntf8AWQb5I9klUdV/4KQfGTw78GVbxDpug+DvFWl/EOfwXq95ceBLrXZI/wDiTf2lAkei6Rq93I88kjxp+7vp0jjj3un8EallU46zxFT74/zcv8of8RIw3/QlwX/gut/Lzf8AP86P/hev7df/AERf4a/+B0X/AMs6P+F6/t1/9EX+Gv8A4HRf/LOu/vf2nPiX8QfgV+zhf+FrvwP4c8UfGiO1k1S81fw/datYWG/Q7jUpPItUvbWT/WQbP3k/7uP+/XkOg/t//HTWfD/xH1KbUvgxBD8G9Bn13XUm0LUbeTxHJBqutWPkQf8AEw/4l3mR6QnlvJ9q8uST/VyVpPJ6sZyhLEVPvj/8iFPxIw0oRnDJcF/4Lrf/AC83/wDhev7df/RF/hr/AOB0X/yzo/4Xr+3X/wBEX+Gv/gdF/wDLOs74q/8ABS34lfD7wPrHj7yfh3H4VvJ/FOk6R4eudOuo9Y0O60S1u5/tV9dfavLnjk+xSeZBHBB5cd3B+/k/5ab6/t9fE74s+KPHFh4D0/4d6XayQaPd+AJtb3z6h4otbpNSkkeC1e6tI7qe4/suR7SD7XB+4k895/8AlnWf9kz/AOgip98f/kQ/4iRhv+hLgv8AwXW/+XlH/hev7df/AERf4a/+B0X/AMs6P+F6/t1/9EX+Gv8A4HRf/LOvNtV/4KmfH6XTNR1jS/Dvg+60P4e+Hk1Xxvc/8I3vh0ydNR1S0vUnkfXUntfKTTnz9gtNX2Oj+XJdx7DN798Nf2zvGviP43aHc6pceA4/h94w8U6/4TstHhsp4/EGhvpcd2/266uXuvIdJPsUn7j7JB5f2uD53/5aN5TOP/MRU++P/wAiH/ESMNH/AJkuC/8ABdb/AOXnFf8AC9f26/8Aoi/w1/8AA6L/AOWdH/C9f26/+iL/AA1/8Dov/lnXKeBP+Cq3xE8HeKfB8nxEh8EX2l+PLXR9S0uz0TQruw1SRNUsdantdOj8++n8+7kk0+1RH+T/AF7/ALtPv12nhT9qv9oLx34e+Et/9u+Evha88aeJ9b8L6zpTeFdR1r7FPpz6tJ5lrdJqdr5nmR6eifvIP9ZJI/8A0wo/smcfjxFT74//ACIf8RIw3/QlwX/gut/8vK3/AAvX9uv/AKIv8Nf/AAOi/wDlnR/wvX9uv/oi/wANf/A6L/5Z1yvw0/4KffGzxP8ABnxZ421rwJ4f0HS9Q+HeqeO/B/29dOgkgNrsKQPBDrt1d6hGPPjEk32TT/Lkj2OiPcfu+u8G/t/fGDwb+0JqvgDxN4Jt/i3Pocmq/arnwBpdroNxstbXQZ0n8jVNX8tI/wDiaTpJ5c8kknlx/u4/3lX/AGTP/oIqffH7P/bof8RIw3/QlwX/AILrf/LyP/hev7df/RF/hr/4HRf/ACzo/wCF6/t1/wDRF/hr/wCB0X/yzqxa/wDBVPxJ4tmvtQ8K/DjWNf8AA9x428M6Lpfi+H7DHpf9narBpM/7+F9Qjvvtf/EwfZ5dps/eQb/+WlZml/8ABRf4naX4U0PUtU/4VhqX/C1PDVrrvhRLOyurePwX9q1Ww02NNUd7qT7bHH/aMDySR/Zf3lpOnyb/ADIz+xq3/QRU++P8vN/KH/ESMN/0JcF/4Lrf4f8An+W/+F6/t1/9EX+Gv/gdF/8ALOj/AIXr+3X/ANEX+Gv/AIHRf/LOus+Mfxl+PHw+8EKlj4++AN94i0fxjpfhfU5rXwrqN3G6apPYRwSSWX9ro+nzwfanfy5J7r7RH5D/ALjzNlaf7Kv7emvePNQ0bw38RvBusaPqmueIdb8N6X4qs4LG38P+JLrTrq7+S1g/tG7v4JJILKd/38aR/u5P3n+r3kMpnKHP9YqffH/5HzCp4kYaH/MlwX/gut/8vOA/4Xr+3X/0Rf4a/wDgdF/8s6P+F6/t1/8ARF/hr/4HRf8Ayzrmf2wv+CkHjD4YftoW/ge3+MvwR+DWh6Z4iTTJrPxnoj395e2T6BJff2pO76jabLH7X/osfl7P38fzz/8ALCt7wP8A8FGPid430fR/Gz6d4H8P+GbfVPDXh7V/Ct5p11J4gvLrWLG0n+1QXXnpHBBHJex7IJLR5JI7Sf8AeR/8s8f7Nnyc/wBYqffH7X/bpf8AxETCx/5kuC/8F1v/AJeWP+F6/t1/9EX+Gv8A4HRf/LOj/hev7df/AERf4a/+B0X/AMs6y9B/4KJ/GDwv8L/h7rHiZ/hPrF98aPClrrWif2Vp19aW/g+e6utNtEe+d7qf7daf8TRH3x/Zf+PfZ/y08yPt/iX+118UP2eZH03xLrXwb8W6pcXV14X06bQbK6tJJPEU9pBPo9rdWT3U/wBl8zfOjx+e/mR+ROkke/y62eTVo/8AMRU++P8A8iR/xEjDf9CXBf8Agut/8vOc/wCF6/t1/wDRF/hr/wCB0X/yzo/4Xr+3X/0Rf4a/+B0X/wAs6o6z/wAFVPiR4I8FWupat8JdQktbfW/Flhda8j2Nvo+uJo8GrSQJaomoz38Ekn9nx+Y9xB5f+v8A+mdR/EX/AIKL/GD9nfxRH4Y1bw/4P+MfiPzLW7RPA2l3WmR3kF1o+rXaQRpNdXWx459L3vP5j+ZBP8kHmbEkmeUzjHn+sVPvj/8AIh/xEjDX5f7FwX/gut/8vNL/AIXr+3X/ANEX+Gv/AIHRf/LOu4/4Jw/tlfEL9qDxj8UdA+Imi+GtD1b4d3lrp7waRHIuydnu450dmnlV9rW4AKHHXlgRj3P9nnxRqfjz4IeGNb1bxB4X8VXWuacl+dV8N2U9ppd4k/7yN4Ennnk8vy3T/WSfvPv/ACfcr5U/4JZf8nh/tbf9jkv/AKW6rWFTC1cLjqFOVWUlJyupNNaRbWyXU9zD5tl+f8M5tWnluHoVMPCjKEqUZqScq8IO/NUmrOLa2W59wUUUV7p+KhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQByviL/AJDE/wDn/lnUf7Cv/JCdQ/7Hfxf/AOpNqlSeIv8AkMT/AOf+WdR/sK/8kJ1D/sd/F/8A6k2qV2Yr+FE48L/Ekee/C/S/7G+MHxot2eN/L8awfOieX/zLmg19AfDD/kHr/wBeqf8Ao6evCfBn/Jb/AI4f9jra/wDqMaDXu3ww/wCQev8A16p/6Onqqn+7QJpfxpnWUUUVwncJXzf/AMFXvjH4v/Z5/wCCdHxe8ceBdUXRPFvhXw9Pqel3zW8E/wBnkjwSdkyPG/y7uHQivo8HivkT/gu1qM2l/wDBIb49G2gluprjwvPaLFGjOzmZ0jxhOf46xqT5acmaYf8AiRuZX/BUD/gph/wxT+zlpsPh2zm8U/HDx/ps58E+GrKDz5Z5o4PMnvZk/gtbWPM0jyYTCdhkp6J/wTj/AGjpPjZ+yJ8I7jxZ4p0nW/idr3w+0fxXrdsk8MN9It1bqftb2qBPLjkfeMiNI96OB0r5d/Zp/ZO8afDz9iH4y/tD/Gy3huv2gviZ4B1BZ4pY/wB34K0WOzkkstBgQ/cjjwrzjA8yb7/mGMSHwH9mLTv2kdI/aB+FVj+zt/wpN9e0v9lzwLb6+3xGTVPsaxh7zyRbfYvn37kkz5lbRklOpSf91/4fdn7v4amMbexUuq/8m96Ef10P1yn+O/gm10LxTrEnjLwumk+B55YPEeoPq0C22gPDEssqXcm/ZA8aOjuJChCOCeK85k/4Kafs8WU1w03xt+Gdrp9vZ2V8+qz+IbWHSJI7uS7jg2XrOLWR5HsrobI5C/7hzjivyPXTvFMv7Inxc1T46aLpviDw54d/a6/tX41WXg61urrRV0uHTbR55/JkzPNYx3H2SSRCC/lx9K5T4bftaf8ABL3w5/wUx+LXjTUND+G9z8Lda8IaTbaBbTfD3UbjS/7TEk/27yNNe18q2fZHZ/vPIT+PY48ybeRirRX+H/0iMv8A26yNZe65f19rl/4J++PiX4oeGvBfw/uvF2reINF0vwva2f26fWby/jt9Pt7UJu895nYIseP4ycY/Osn4JftJ/Dv9pDSrvVPh1488HePtNsJ/stzdeHNbttVt7ebYG2O8DuFfYc7Tzg1+On/CDxfAX9ib9jJf2nvCfjTTf2ZPC9x4h1vxXpd1pc2pW+j3Ul88nhqDW7aHfOLVLeby/L2OnnGOORMGvpD/AIJb6Z8M/jz/AMFEvF/xq/Zr8D2Pgj9n+18Bw+E2v9N8Mf8ACN6Z421n7cZ/PtbXy4S62saSQvNJGhMkuwZCZquX944v+9/27y/zf4v1RhP3Y839S977P5n6ejpRQOlFSaBRRRQB8r/8E8f+TT9C/wCwprH/AKdbuvbK8T/4J4/8mn6F/wBhTWP/AE63de2UAea/tn/8mefFj/sTdX/9Ipq80/4JA/8AKOz4ef8AcS/9Od3Xpf7Z/wDyZ58WP+xN1f8A9Ipq80/4JA/8o7Ph5/3Ev/Tnd15Ev+RpH/r3L/0qJ+nUP+Td1/8AsNpf+mKx9IyxJdRyIy+ZHJ+7dH/5aVh6v8JPCuufDR/Bl94Z0C+8HyWX9nPoNzp8EmlyWuzZ5H2XZ5fl+X/yz8uugor1z8xPKP8AhhL4H/8ACsf+EH/4U18KP+EL/tD+1f8AhHv+ERsf7L+2+X5f2r7L5Hl+f5f7vf5e+uj1P9mj4da98SND8YX/AIA8D33i7wvapaaJrc2g2smoaPAnmbEgn2eZBH88nyR/89JK7SigDlfiB8DPBPxa0rWLDxX4M8J+JrHxBDBaapbaro8F3HqkEEnmQRzo6fPHHI7uiSf6uSSp9G+EHhXQfD/h/SrDwx4fsdK8Jps0SzttOgjt9HTyJIP9FTZ+4/cO6fu/+WckiV0dFAHI69+z94D8U+F00TVPBPg/UdDt9LfQUsLnSILi3j05/L32Ox08vyP3MHyf6v8Adp/crK+H37Jfwr+Etnptt4U+GPw/8MwaPdT3enQ6V4dtLSOznnTyJ54/LT5JJI/keSP/AFkfyV6HRQBj2vw58PWFn4ftrfQdHt4PC/8AyBIUskjj0f8AcSQfuP8Anh+4d0/d/wDLOTZXmlz/AME//hHqnx1PxC1LwD4S1nX7dLX+zft+iWM8ehTQXV3d/arLzIfMhuJLi6kkkkjk/ePHG9ex0Ufb5wOE1D9lz4Zar4t8Ta5dfDvwJd694z0/+yvEOozaFayXet2vlxx/ZbqbZvmg8uOP5JN6fu6s+Nv2c/h78S/D2paP4j8B+D/EGlaxa2the2epaJa3dveQWr+ZawOjp5bxwSO7on/LPzPkrsqKAPKb39hP4Iazqmg3l38G/hRd3/hWGG00K6m8I2MkmiQQSF4EtX8n9ykbneiR/crQ8XfsgfC/xzf+NL7UfAPhNdY+ImkTaF4l1W106O01TXLF02SQT3sOyd4/LRP+Wn8CV6NRQHwniPw+/wCCb/wB+EfxM03xh4T+C/wz8L+JNHhe3sr/AEvw9a2MkHT5wiJs8/t5/wDrPLd03/O9epWHwz8N2H2H7P4f0OD+y76fU7LZYxx/Y7qfzPPmT/nnJJ58++T/AJaee/8Az0rcooA85/4Y8+EUVx4qdfhX8N/M8cXSXfiV/wDhG7H/AIqCdJ/PR7r5P38kc/z75N/7z56j+Kn7GHwf+OWoG68cfCn4aeMrozvd+drfhexv5BO8ccbvvmjf95JHBAnmf884E/5516VRQBz/APwqrwx9nnh/4Rvw/wCReXsGpTp/Z0H+kXUHl+RO/wAn+sj8iDy3/wBZH5Cf886x9B/Zf+Gnhe38XLpfw98D6bH8QN//AAlCW2g2tv8A8JJv8zf9u2J/pXmb3/1m/wD1kldxRQBx/gn9nnwD8NvAlr4V8O+B/B+geGdPvY7610fTdEtbTT7e6jn8+OdIETy0k3pv3/3/AJ6z/BP7KHwr+GHxM1Hxt4a+Gfw/8O+MdYM/9o69pvh20tNUv/Pk8yffdInmP5knzv5kn7yvQKKAMPxR8OdH8Y+IfDeq6lZ/ar7wnevqWlzec8f2Od4JLR3/AHf3/wBxO6fvP+elZXiT9nnwH4t+JkHja+8G+F7rxxZ2T6ba+JH0iCTWLO1fzP3CXWzzEj+eT5PM/wCWkldjRRU94DyH4E/sIfCb9nH4VXXhHw14B8IQWOr6VBpHiGZ9FsY7jxXAkGz/AImLpAn2qSRJJPM8z/npJ/z0qa3/AGNPA/hyTwPZ+GtJtPBnhLwHqk2s2vhXw3p9jpmh3l66fu554Eg8zfG7u8flyJHvfe/meXHs9Yoq+efPzgYcXwv8MWsdikXh7Q449LvZ7+1RNOg/0O6n8zz50+T5JJPPn8x/+Wnnyf8APSsP4Z/syfDf4N6Pa2Hg/wCHvgfwrY6fevq1rbaPoNrYR2908HkPOiIkeyeSN9nmf6zy/kruKKgDF8C/DzQvhnof9m+GtF0fQdN8+e7+x6dYx2dv588nmTvsj/jd5Hd5P+WjvXxz/wAEsv8Ak8P9rb/scl/9LdVr7gr4f/4JZf8AJ4f7W3/Y5L/6W6rXj47/AH3Desv/AEhn6dwf/wAktn//AF7w/wD6k0z7gooor2D8xCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDlfEX/ACGJ/wDP/LOo/wBhX/khOof9jv4v/wDUm1SpPEX/ACGJ/wDP/LOo/wBhX/khOof9jv4v/wDUm1SuzFfwonHhf4kjyj4CfDvSPhZ8TvjtpehWf2GxuPiPcaq8PnPJ5l1e6PpN9dSfOf8AlpPNPJ/0z8z5MJxX0r8L/l09f+vZP/R09eE+Df8Akuvxw/7HW1/9RnQa2NY+OHjzwDrX2Xw18I9c8X6fHbojakmuabYxzPvkchEkm8z+P/lokfR+3z1VT/doDjPmxEpyPoqivnX/AIa3+LP/AEbzrn/hX6V/8XR/w1v8Wf8Ao3nXP/Cv0r/4uuE6z6Kor51/4a3+LP8A0bzrn/hX6V/8XR/w1v8AFn/o3nXP/Cv0r/4ugD6KxxSbR6Cvnb/hrf4s/wDRvOuf+FfpX/xdH/DW/wAWf+jedc/8K/Sv/i6APofHy189/D79lTXfBP8AwUc+JnximvtJk8OeNvCGheH7OzR5BeQT2U1/JPJJ8mzYUmi2YYnJk4T+Nn/DW/xZ/wCjedc/8K/Sv/i6P+Gt/ix/0bzrn/hX6V/8XSt73MHTlPoraPSjGDXzr/w1v8Wf+jedc/8ACv0r/wCLo/4a3+LP/RvOuf8AhX6V/wDF0wPoqivnX/hrf4s/9G865/4V+lf/ABdH/DW/xZ/6N51z/wAK/Sv/AIugD6Kor51/4a3+LP8A0bzrn/hX6V/8XR/w1v8AFn/o3nXP/Cv0r/4ugDB/4J4/8mn6F/2FNY/9Ot3XtleV/sW/D7XPhf8As36Po/iDTZNK1i3utRnns3nS4kt0n1GedPnR5I/9W6f8tK9UoA81/bP/AOTPPix/2Jur/wDpFNXmn/BIH/lHZ8PP+4l/6c7uvS/2z/8Akzz4sf8AYm6v/wCkU1eaf8Egf+Udnw8/7iX/AKc7uvIl/wAjSP8A17l/6VE/TsP/AMm7r/8AYbS/9MVj6NudP1LWrpLfS7zT7F9ju73Nq8//AI4kkdL/AMK98WZ/5GTw/wD+CKb/AOSqqeLb3UNN8IeIbjR/+Qrb6JeSWX/XbblP/IlfMv8AwTe+HPhP4T/FjwrH4D0nSdIsfF3wd0HX/EUlhZx2/wDa9+8snkajdeXGnn3U4e63zSfvH8uvVUry5f62b/Q/L5y5Vzf1uo/qfU3/AArrxb/0Mnh//wAEU3/yVR/wrrxb/wBDJ4f/APBFN/8AJVehDpRVFHnv/CuvFv8A0Mnh/wD8EU3/AMlVBe+DfFGj2M1zLrnh+eOFPMaFNFnj8z/gZunNek1m+Kf+RW1L/r2k/wDQDQBytFcj8ZPjb4b+Afg6PW/FF5eW9rcXUdhaw2Gl3Wp6hqE7/cggtbVJJ55Pvvsjjf8AdxyP/q43rzrWP+CkPwf0fRNNvpfEmrz2moQT3c/2bwvqt3JocEE/kTvqqJavJpccciSJI9/5HlyQT7/9W+wA9zorxn9of9sLRfgR4s8Pw31/bwaHsS/16+Synv5Le1upPstjBAlr5kj3F3fOiR/u38xIJ6wLD/gpt8K/FscC+H9buLi6kurWDZrGg6xpMfz6jBps6I89l888E86JJB/rI5PLSfyP9ZQB9C0V5P8AAP8Abd+G37TOrx2fgvWNXvWvNLj1mxmvPD2o6Zb6pZfu/wB/azXUEcd1HH5ke/yJH8vzI9+yvWKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK+H/+CWX/ACeH+1t/2OS/+luq19wV8P8A/BLL/k8P9rb/ALHJf/S3Va8fHf77hvWX/pDP07g//kls/wD+veH/APUmmfcFFFFewfmIUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAcr4i/5DE/8An/lnUf7Cv/JCdQ/7Hfxf/wCpNqlSeIv+QxP/AJ/5Z1H+wr/yQnUP+x38X/8AqTapXZiv4UTjwv8AEkeU/Afxx/wnvxR+Omof2Trei/Z/iPcab9n1e1+z3En2XR9JtPO2f88J/I86B/8AlpA6P/y0r3bw7/yB4P8AP/LSvJvBX/Jc/jh/2Otr/wCozoNes+Hf+QPB/n/lpV1P91gP/mIkXqKKK4DrCiiigAooooAKKKKACiiigAooooAKKKKACiiigDzX9s//AJM8+LH/AGJur/8ApFNXmn/BIH/lHZ8PP+4l/wCnO7r0v9s//kzz4sf9ibq//pFNXmn/AASB/wCUdnw8/wC4l/6c7uvIl/yNI/8AXuX/AKVE/TqH/Ju6/wD2G0v/AExWPp7RL5dN1lJpPMKeS6b1Xf8A886xfhJ8HPhh+z/LrD+A/BPg/wAEtr84utWbQvD8Gm/2nOM/vJ/JjTzJPnb53/v1o0V65+YnUf8ACW2P/PaT/vy/+FH/AAltj/z2k/78v/hXL0UAdR/wltj/AM9pP+/L/wCFZ/iPxLaX+g3kMTySTTQuiJ5L88Vj0UAea/tGfBHVfi/p/hm/8M+IbPwz4x8F6x/bWiX9/pf9p6fG7wT2k6T2qTwSTxyQXU6fu545I5PLfzPk8uTzmb9kv4taX4rk8SaL8aNHtPFniTS49J8V6lc+B0uI5IEnuJ7V9Lg+1Rx2Mlv9tnSP7X9u/d+Rv8+SN/M+kKKAPFfEP7JE3i7R9R/tLxN9q1zVPGOleKZ9S/s//l106+gntbFE3/JH5EGzzP8AnvPPP5aeZ5dee+KP+CZP/CR3Hhx/+E28j/hH9U1TUv8AkEeZ9o+3eJrTXdn+v+Ty/svkf9tN/wD0zr6soov1/r+UDxn4Lfsjf8Kg1T4V3P8AwkP9pf8ACs/Ab+CNn2Ly/wC0N/2D/Svv/J/yD/ufP/rP9Z+7r2aiirqTnL4/6+0AUUUVABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV8P8A/BLL/k8P9rb/ALHJf/S3Va+4K+H/APgll/yeH+1t/wBjkv8A6W6rXj47/fcN6y/9IZ+ncH/8ktn/AP17w/8A6k0z7gooor2D8xCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDlfEX/IYn/wA/8s6j/YV/5ITqH/Y7+L//AFJtUqTxF/yGJ/8AP/LOo/2Ff+SE6h/2O/i//wBSbVK7MV/CiceF/iSOH8Gf8l1+OH/Y62v/AKjOg16x4d/5A8H+f+WleT+Df+S6/HD/ALHW1/8AUZ0GvWPDv/IHg/z/AMtKqp/usCaf+8zL1FFFcJ3BRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBh/E3wDZ/Ff4beIfC+oyXUOn+JNMudKupLZlWaOKeJonKFgwDBWJBIIzjIPSvjv/AIcGfB3/AKGT4lf+DCy/+RK+4KK4sVl2GxLUq8FJrufWcO8dZ/kNOdHJ8VKjGbvJRtq1pd6dj4f/AOHBnwd/6GT4lf8Agwsv/kSj/hwZ8Hf+hk+JX/gwsv8A5Er7gorl/sHL/wDn0j6L/iM3G/8A0Mqn3r/I+H/+HBnwd/6GT4lf+DCy/wDkSj/hwZ8Hf+hk+JX/AIMLL/5Er7goo/sHL/8An0g/4jNxv/0Mqn3r/I+H/wDhwZ8Hf+hk+JX/AIMLL/5Eo/4cGfB3/oZPiV/4MLL/AORK+4KKP7By/wD59IP+Izcb/wDQyqfev8j4f/4cGfB3/oZPiV/4MLL/AORKP+HBnwd/6GT4lf8Agwsv/kSvuCij+wcv/wCfSD/iM3G//Qyqfev8j4f/AOHBnwd/6GT4lf8Agwsv/kSj/hwZ8Hf+hk+JX/gwsv8A5Er7goo/sHL/APn0g/4jNxv/ANDKp96/yPh//hwZ8Hf+hk+JX/gwsv8A5Eo/4cGfB3/oZPiV/wCDCy/+RK+4KKP7By//AJ9IP+Izcb/9DKp96/yPh/8A4cGfB3/oZPiV/wCDCy/+RKP+HBnwd/6GT4lf+DCy/wDkSvuCij+wcv8A+fSD/iM3G/8A0Mqn3r/I+H/+HBnwd/6GT4lf+DCy/wDkSj/hwZ8Hf+hk+JX/AIMLL/5Er7goo/sHL/8An0g/4jNxv/0Mqn3r/I+H/wDhwZ8Hf+hk+JX/AIMLL/5Eo/4cGfB3/oZPiV/4MLL/AORK+4KKP7By/wD59IP+Izcb/wDQyqfev8j4f/4cGfB3/oZPiV/4MLL/AORKP+HBnwd/6GT4lf8Agwsv/kSvuCij+wcv/wCfSD/iM3G//Qyqfev8j4f/AOHBnwd/6GT4lf8Agwsv/kSj/hwZ8Hf+hk+JX/gwsv8A5Er7goo/sHL/APn0g/4jNxv/ANDKp96/yPh//hwZ8Hf+hk+JX/gwsv8A5Eo/4cGfB3/oZPiV/wCDCy/+RK+4KKP7By//AJ9IP+Izcb/9DKp96/yPh/8A4cGfB3/oZPiV/wCDCy/+RKP+HBnwd/6GT4lf+DCy/wDkSvuCij+wcv8A+fSD/iM3G/8A0Mqn3r/I+H/+HBnwd/6GT4lf+DCy/wDkSj/hwZ8Hf+hk+JX/AIMLL/5Er7goo/sHL/8An0g/4jNxv/0Mqn3r/I+H/wDhwZ8Hf+hk+JX/AIMLL/5Er3D9jT9gbwf+w7/wkn/CJ6l4m1D/AISj7L9q/te4gm8v7P52zZ5UMeM+c+c56DGOc+4UVrh8owdCoqtKmlJbP8Dy858TeKc2wc8vzLGzqUp25otqzs1JX06NJ/IKKKK9I+FCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDlfEX/IYn/z/AMs6j/YV/wCSE6h/2O/i/wD9SbVKk8Rf8hif/P8AyzqP9hX/AJITqH/Y7+L/AP1JtUrsxX8KJx4X+JI4fwb/AMl1+OH/AGOtr/6jOg16x4d/5A8H+f8AlpXk/g3/AJLr8cP+x1tf/UZ0GvWPDv8AyB4P8/8ALSqqf7rAmn/vMy9RRRXCdwUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAR3tw1rZzSxwyXMkaFlhjKh5SBkKu4hcnoMkDnkgc143rX7S/ir4aeL/B9t468D6boei+ONUj0SyvdO8QnUbixvZgWgiuoWtolTftdS0Usyq6gZIYMfZpZVgiaSRlREBZmY4CgdSTXzr4UupP23fjXoviyGKSP4V/DjUJLnQpZEx/wlWqqrw/bE/6dYAziNh/rJCTnauK4cTUmqkIU5O7a00typrmb0utLparVpH1nDOEw1SNevj6SlQhFuU25Jxk4yVOMLSSc5StZOMtE5NckZM+jKKKK7j5MKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAOV8Rf8AIYn/AM/8s6j/AGFf+SE6h/2O/i//ANSbVKk8Rf8AIYn/AM/8s6j/AGFf+SE6h/2O/i//ANSbVK7MV/CiceF/iSOH8G/8l1+OH/Y62v8A6jOg16x4d/5A8H+f+WleT+Df+S6/HD/sdbX/ANRnQa9Y8O/8geD/AD/y0qqn+6wJp/7zMvUUUVwncFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAEOpadb6xp9xZ3lvDdWl1G0M0MyCSOZGGGVlPDKQSCDwQa4Cw/ZA+EulX8N1a/C74dW11bSLLDNF4bs0kidTlWVhHkEEAgjkEV6LRWcqMJPmlFN+h24XMsZhouOGqygpbqMmr+tmrhRRRWhxBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQByviL/AJDE/wDn/lnUf7Cv/JCdQ/7Hfxf/AOpNqlSeIv8AkMT/AOf+WdR/sK/8kJ1D/sd/F/8A6k2qV2Yr+FE48L/EkcP4N/5Lr8cP+x1tf/UZ0GvWPDv/ACB4P8/8tK8n8G/8l1+OH/Y62v8A6jOg16x4d/5A8H+f+WlVU/3WBNP/AHmZeooorhO4KKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAOV8Rf8AIYn/AM/8s6j/AGFf+SE6h/2O/i//ANSbVKk8Rf8AIYn/AM/8s6j/AGFf+SE6h/2O/i//ANSbVK7MV/CiceF/iSOH8G/8l1+OH/Y62v8A6jOg16x4d/5A8H+f+WleT+Df+S6/HD/sdbX/ANRnQa9Y8O/8geD/AD/y0qqn+6wJp/7zMvUUUVwncFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHK+Iv+QxP/AJ/5Z1H+wr/yQnUP+x38X/8AqTapUniL/kMT/wCf+WdR/sK/8kJ1D/sd/F//AKk2qV2Yr+FE48L/ABJHD+Df+S6/HD/sdbX/ANRnQa9Y8O/8geD/AD/y0ryfwb/yXX44f9jra/8AqM6DXrHh3/kDwf5/5aVVT/dYE0/95mXqKKK4TuCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDlfEX/IYn/wA/8s6j/YV/5ITqH/Y7+L//AFJtUqTxF/yGJ/8AP/LOo/2Ff+SE6h/2O/i//wBSbVK7MV/CiceF/iSOH8G/8l1+OH/Y62v/AKjOg16x4d/5A8H+f+WleT+Df+S6/HD/ALHW1/8AUZ0GvWPDv/IHg/z/AMtKqp/usCaf+8zL1FFFcJ3BRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQByviL/kMT/5/5Z1H+wr/AMkJ1D/sd/F//qTapUniL/kMT/5/5Z1H+wr/AMkJ1D/sd/F//qTapXZiv4UTjwv8SRw/g3/kuvxw/wCx1tf/AFGdBr1jw7/yB4P8/wDLSvJ/Bv8AyXX44f8AY62v/qM6DXrHh3/kDwf5/wCWlVU/3WBNP/eZl6iiiuE7gooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA5XxF/yGJ/8/wDLOo/2Ff8AkhOof9jv4v8A/Um1SpPEX/IYn/z/AMs6j/YV/wCSE6h/2O/i/wD9SbVK7MV/CiceF/iSOH8G/wDJdfjh/wBjra/+ozoNeseHf+QPB/n/AJaV5P4N/wCS6/HD/sdbX/1GdBr1jw7/AMgeD/P/AC0qqn+6wJp/7zMvUUUVwncFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHK+Iv+QxP/n/AJZ1H+wr/wAkJ1D/ALHfxf8A+pNqlSeIv+QxP/n/AJZ1H+wr/wAkJ1D/ALHfxf8A+pNqldmK/hROPC/xJHD+Df8Akuvxw/7HW1/9RnQa9Y8O/wDIHg/z/wAtK8n8G/8AJdfjh/2Otr/6jOg16x4d/wCQPB/n/lpVVP8AdYE0/wDeZl6iiiuE7gooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA5XxF/yGJ/8/8ALOo/2Ff+SE6h/wBjv4v/APUm1SpPEX/IYn/z/wAs6j/YV/5ITqH/AGO/i/8A9SbVK7MV/CiceF/iSOH8G/8AJdfjh/2Otr/6jOg16x4d/wCQPB/n/lpXk/g3/kuvxw/7HW1/9RnQa9Y8O/8AIHg/z/y0qqn+6wJp/wC8zL1FFFcJ3BRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQByviL/AJDE/wDn/lnUf7Cv/JCdQ/7Hfxf/AOpNqlSeIv8AkMT/AOf+WdR/sK/8kJ1D/sd/F/8A6k2qV2Yr+FE48L/EkcP4N/5Lr8cP+x1tf/UZ0GvWPDv/ACB4P8/8tK8n8G/8l1+OH/Y62v8A6jOg16x4d/5A8H+f+WlVU/3WBNP/AHmZeooorhO4KKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAOV8Rf8AIYn/AM/8s6j/AGFf+SE6h/2O/i//ANSbVKk8Rf8AIYn/AM/8s6j/AGFf+SE6h/2O/i//ANSbVK7MV/CiceF/iSOH8G/8l1+OH/Y62v8A6jOg16x4d/5A8H+f+WleT+Df+S6/HD/sdbX/ANRnQa9Y8O/8geD/AD/y0qqn+6wJp/7zMvUUUVwncFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHK+Iv+QxP/AJ/5Z1H+wr/yQnUP+x38X/8AqTapUniL/kMT/wCf+WdR/sK/8kJ1D/sd/F//AKk2qV2Yr+FE48L/ABJHD+Df+S6/HD/sdbX/ANRnQa9Y8O/8geD/AD/y0ryfwb/yXX44f9jra/8AqM6DXrHh3/kDwf5/5aVVT/dYE0/95mXqKKK4TuCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDlfEX/IYn/wA/8s6j/YV/5ITqH/Y7+L//AFJtUqTxF/yGJ/8AP/LOo/2Ff+SE6h/2O/i//wBSbVK7MV/CiceF/iSOH8G/8l1+OH/Y62v/AKjOg16x4d/5A8H+f+WleT+Df+S6/HD/ALHW1/8AUZ0GvWPDv/IHg/z/AMtKqp/usCaf+8zL1FFFcJ3BRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQByviL/kMT/5/5Z1H+wr/AMkJ1D/sd/F//qTapUniL/kMT/5/5Z1H+wr/AMkJ1D/sd/F//qTapXZiv4UTjwv8SRw/g3/kuvxw/wCx1tf/AFGdBr1jw7/yB4P8/wDLSvJ/Bv8AyXX44f8AY62v/qM6DXrHh3/kDwf5/wCWlVU/3WBNP/eZl6iiiuE7gooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA5XxF/yGJ/8/wDLOo/2Ff8AkhOof9jv4v8A/Um1SpPEX/IYn/z/AMs6j/YV/wCSE6h/2O/i/wD9SbVK7MV/CiceF/iSOH8G/wDJdfjh/wBjra/+ozoNeseHf+QPB/n/AJaV5P4N/wCS6/HD/sdbX/1GdBr1jw7/AMgeD/P/AC0qqn+6wJp/7zMvUUUVwncFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHK+Iv+QxP/n/AJZ1H+wr/wAkJ1D/ALHfxf8A+pNqlSeIv+QxP/n/AJZ1H+wr/wAkJ1D/ALHfxf8A+pNqldmK/hROPC/xJHD+Df8Akuvxw/7HW1/9RnQa9Y8O/wDIHg/z/wAtK8n8G/8AJdfjh/2Otr/6jOg16x4d/wCQPB/n/lpVVP8AdYE0/wDeZl6iiiuE7gooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA5XxF/yGJ/8/8ALOo/2Ff+SE6h/wBjv4v/APUm1SpPEX/IYn/z/wAs6j/YV/5ITqH/AGO/i/8A9SbVK7MV/CiceF/iSOH8G/8AJdfjh/2Otr/6jOg16x4d/wCQPB/n/lpXk/g3/kuvxw/7HW1/9RnQa9Y8O/8AIHg/z/y0qqn+6wJp/wC8zL1FFFcJ3BRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQByviL/AJDE/wDn/lnUf7Cv/JCdQ/7Hfxf/AOpNqlSeIv8AkMT/AOf+WdR/sK/8kJ1D/sd/F/8A6k2qV2Yr+FE48L/EkcP4N/5Lr8cP+x1tf/UZ0GvWPDv/ACB4P8/8tK8n8G/8l1+OH/Y62v8A6jOg16x4d/5A8H+f+WlVU/3WBNP/AHmZeooorhO4KKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAOV8Rf8AIYn/AM/8s6j/AGFf+SE6h/2O/i//ANSbVKk8Rf8AIYn/AM/8s6j/AGFf+SE6h/2O/i//ANSbVK7MV/CiceF/iSOH8G/8l1+OH/Y62v8A6jOg16x4d/5A8H+f+WleT+Df+S6/HD/sdbX/ANRnQa9Y8O/8geD/AD/y0qqn+6wJp/7zMvUUUVwncFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHK+Iv+QxP/AJ/5Z1H+wr/yQnUP+x38X/8AqTapUniL/kMT/wCf+WdR/sK/8kJ1D/sd/F//AKk2qV2Yr+FE48L/ABJHD+Df+S6/HD/sdbX/ANRnQa9Y8O/8geD/AD/y0ryfwb/yXX44f9jra/8AqM6DXrHh3/kDwf5/5aVVT/dYE0/95mXqKKK4TuCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDlfEX/IYn/wA/8s6j/YV/5ITqH/Y7+L//AFJtUqTxF/yGJ/8AP/LOo/2Ff+SE6h/2O/i//wBSbVK7MV/CiceF/iSOH8G/8l1+OH/Y62v/AKjOg16x4d/5A8H+f+WleT+Df+S6/HD/ALHW1/8AUZ0GvWPDv/IHg/z/AMtKqp/usCaf+8zL1FFFcJ3BRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQByviL/kMT/5/5Z1H+wr/AMkJ1D/sd/F//qTapUniL/kMT/5/5Z1H+wr/AMkJ1D/sd/F//qTapXZiv4UTjwv8SRw/g3/kuvxw/wCx1tf/AFGdBr1jw7/yB4P8/wDLSvJ/Bv8AyXX44f8AY62v/qM6DXrHh3/kDwf5/wCWlVU/3WBNP/eZl6iiiuE7gooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA5XxF/yGJ/8/wDLOo/2Ff8AkhOof9jv4v8A/Um1SpPEX/IYn/z/AMs6j/YV/wCSE6h/2O/i/wD9SbVK7MV/CiceF/iSOH8G/wDJdfjh/wBjra/+ozoNeseHf+QPB/n/AJaV5P4N/wCS6/HD/sdbX/1GdBr1jw7/AMgeD/P/AC0qqn+6wJp/7zMvUUUVwncFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHK+Iv+QxP/n/AJZ1H+wr/wAkJ1D/ALHfxf8A+pNqlSeIv+QxP/n/AJZ1H+wr/wAkJ1D/ALHfxf8A+pNqldmK/hROPC/xJHD+Df8Akuvxw/7HW1/9RnQa9Y8O/wDIHg/z/wAtK8n8Gf8AJdfjh/2Otr/6jOg16x4d/wCQPB/n/lpVVP8AdYE0/wDeZl6iiiuE7gooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA5XxF/yGJ/8/8ALOo/2Ff+SE6h/wBjv4v/APUm1SpPEX/IYn/z/wAs6j/YV/5ITqH/AGO/i/8A9SbVK7MV/CiceF/iSOH8F/8AJdPjh/2O1r/6jOg13FrrNza2+yJvLj/3Km8Q/sdeB/HHjnXPEFz/AMJlY6pr1ylzftpHjTWdKhuJo4ktUkMNrdRxbhDbwpnb0QVD/wAMLeBf+gh8Uf8Aw5viT/5Pp0cVTdPklEqeFqe05+Yk/wCEkvP+e3/jkdH/AAkl5/z2/wDHI6j/AOGFvAv/AEEPij/4c3xJ/wDJ9H/DC3gX/oIfFH/w5viT/wCT6PrVP+Un6rU/mJP+EkvP+e3/AI5HR/wkl5/z2/8AHI6j/wCGFvAv/QQ+KP8A4c3xJ/8AJ9H/AAwt4F/6CHxR/wDDm+JP/k+j61T/AJQ+q1P5iT/hJLz/AJ7f+OR0f8JJef8APb/xyOo/+GFvAv8A0EPij/4c3xJ/8n0f8MLeBf8AoIfFH/w5viT/AOT6PrVP+UPqtT+Yk/4SS8/57f8AjkdH/CSXn/Pb/wAcjqP/AIYW8C/9BD4o/wDhzfEn/wAn0f8ADC3gX/oIfFH/AMOb4k/+T6PrVP8AlD6rU/mJP+EkvP8Ant/45HR/wkl5/wA9v/HI6j/4YW8C/wDQQ+KP/hzfEn/yfR/wwt4F/wCgh8Uf/Dm+JP8A5Po+tU/5Q+q1P5iT/hJLz/nt/wCOR0f8JJef89v/AByOo/8AhhbwL/0EPij/AOHN8Sf/ACfR/wAMLeBf+gh8Uf8Aw5viT/5Po+tU/wCUPqtT+Yk/4SS8/wCe3/jkdH/CSXn/AD2/8cjqP/hhbwL/ANBD4o/+HN8Sf/J9H/DC3gX/AKCHxR/8Ob4k/wDk+j61T/lD6rU/mJP+EkvP+e3/AI5HR/wkl5/z2/8AHI6j/wCGFvAv/QQ+KP8A4c3xJ/8AJ9H/AAwt4F/6CHxR/wDDm+JP/k+j61T/AJQ+q1P5iT/hJLz/AJ7f+OR0f8JJef8APb/xyOo/+GFvAv8A0EPij/4c3xJ/8n0f8MLeBf8AoIfFH/w5viT/AOT6PrVP+UPqtT+Yk/4SS8/57f8AjkdH/CSXn/Pb/wAcjqP/AIYW8C/9BD4o/wDhzfEn/wAn0f8ADC3gX/oIfFH/AMOb4k/+T6PrVP8AlD6rU/mJP+EkvP8Ant/45HR/wkl5/wA9v/HI6j/4YW8C/wDQQ+KP/hzfEn/yfR/wwt4F/wCgh8Uf/Dm+JP8A5Po+tU/5Q+q1P5iT/hJLz/nt/wCOR0f8JJef89v/AByOo/8AhhbwL/0EPij/AOHN8Sf/ACfR/wAMLeBf+gh8Uf8Aw5viT/5Po+tU/wCUPqtT+Yk/4SS8/wCe3/jkdH/CSXn/AD2/8cjqP/hhbwL/ANBD4o/+HN8Sf/J9H/DC3gX/AKCHxR/8Ob4k/wDk+j61T/lD6rU/mJP+EkvP+e3/AI5HR/wkl5/z2/8AHI6j/wCGFvAv/QQ+KP8A4c3xJ/8AJ9H/AAwt4F/6CHxR/wDDm+JP/k+j61T/AJQ+q1P5iT/hJLz/AJ7f+OR0f8JJef8APb/xyOo/+GFvAv8A0EPij/4c3xJ/8n0f8MLeBf8AoIfFH/w5viT/AOT6PrVP+UPqtT+Yk/4SS8/57f8AjkdH/CSXn/Pb/wAcjqP/AIYW8C/9BD4o/wDhzfEn/wAn0f8ADC3gX/oIfFH/AMOb4k/+T6PrVP8AlD6rU/mJP+EkvP8Ant/45HR/wkl5/wA9v/HI6j/4YW8C/wDQQ+KP/hzfEn/yfR/wwt4F/wCgh8Uf/Dm+JP8A5Po+tU/5Q+q1P5iT/hJLz/nt/wCOR0f8JJef89v/AByOo/8AhhbwL/0EPij/AOHN8Sf/ACfR/wAMLeBf+gh8Uf8Aw5viT/5Po+tU/wCUPqtT+Yk/4SS8/wCe3/jkdH/CSXn/AD2/8cjqP/hhbwL/ANBD4o/+HN8Sf/J9H/DC3gX/AKCHxR/8Ob4k/wDk+j61T/lD6rU/mJP+EkvP+e3/AI5HR/wkl5/z2/8AHI6j/wCGFvAv/QQ+KP8A4c3xJ/8AJ9H/AAwt4F/6CHxR/wDDm+JP/k+j61T/AJQ+q1P5iT/hJLz/AJ7f+OR0f8JJef8APb/xyOo/+GFvAv8A0EPij/4c3xJ/8n0f8MLeBf8AoIfFH/w5viT/AOT6PrVP+UPqtT+Yk/4SS8/57f8AjkdH/CSXn/Pb/wAcjqP/AIYW8C/9BD4o/wDhzfEn/wAn0f8ADC3gX/oIfFH/AMOb4k/+T6PrVP8AlD6rU/mJP+EkvP8Ant/45HR/wkl5/wA9v/HI6j/4YW8C/wDQQ+KP/hzfEn/yfR/wwt4F/wCgh8Uf/Dm+JP8A5Po+tU/5Q+q1P5iT/hJLz/nt/wCOR0f8JJef89v/AByOo/8AhhbwL/0EPij/AOHN8Sf/ACfR/wAMLeBf+gh8Uf8Aw5viT/5Po+tU/wCUPqtT+Yk/4SS8/wCe3/jkdH/CSXn/AD2/8cjqP/hhbwL/ANBD4o/+HN8Sf/J9H/DC3gX/AKCHxR/8Ob4k/wDk+j61T/lD6rU/mJP+EkvP+e3/AI5HR/wkl5/z2/8AHI6j/wCGFvAv/QQ+KP8A4c3xJ/8AJ9H/AAwt4F/6CHxR/wDDm+JP/k+j61T/AJQ+q1P5iT/hJLz/AJ7f+OR0f8JJef8APb/xyOo/+GFvAv8A0EPij/4c3xJ/8n0f8MLeBf8AoIfFH/w5viT/AOT6PrVP+UPqtT+Yk/4SS8/57f8AjkdH/CSXn/Pb/wAcjqP/AIYW8C/9BD4o/wDhzfEn/wAn0f8ADC3gX/oIfFH/AMOb4k/+T6PrVP8AlD6rU/mJP+EkvP8Ant/45HR/wkl5/wA9v/HI6j/4YW8C/wDQQ+KP/hzfEn/yfR/wwt4F/wCgh8Uf/Dm+JP8A5Po+tU/5Q+q1P5iT/hJLz/nt/wCOR0f8JJef89v/AByOo/8AhhbwL/0EPij/AOHN8Sf/ACfR/wAMLeBf+gh8Uf8Aw5viT/5Po+tU/wCUPqtT+Yk/4SS8/wCe3/jkdH/CSXn/AD2/8cjqP/hhbwL/ANBD4o/+HN8Sf/J9H/DC3gX/AKCHxR/8Ob4k/wDk+j61T/lD6rU/mJP+EkvP+e3/AI5HR/wkl5/z2/8AHI6j/wCGFvAv/QQ+KP8A4c3xJ/8AJ9H/AAwt4F/6CHxR/wDDm+JP/k+j61T/AJQ+q1P5iT/hJLz/AJ7f+OR0f8JJef8APb/xyOo/+GFvAv8A0EPij/4c3xJ/8n0f8MLeBf8AoIfFH/w5viT/AOT6PrVP+UPqtT+Yk/4SS8/57f8AjkdH/CSXn/Pb/wAcjqP/AIYW8C/9BD4o/wDhzfEn/wAn0f8ADC3gX/oIfFH/AMOb4k/+T6PrVP8AlD6rU/mJP+EkvP8Ant/45HR/wkl5/wA9v/HI6j/4YW8C/wDQQ+KP/hzfEn/yfR/wwt4F/wCgh8Uf/Dm+JP8A5Po+tU/5Q+q1P5iT/hJLz/nt/wCOR0f8JJef89v/AByOo/8AhhbwL/0EPij/AOHN8Sf/ACfR/wAMLeBf+gh8Uf8Aw5viT/5Po+tU/wCUPqtT+Yk/4SS8/wCe3/jkdH/CSXn/AD2/8cjqP/hhbwL/ANBD4o/+HN8Sf/J9H/DC3gX/AKCHxR/8Ob4k/wDk+j61T/lD6rU/mJP+EkvP+e3/AI5HR/wkl5/z2/8AHI6j/wCGFvAv/QQ+KP8A4c3xJ/8AJ9H/AAwt4F/6CHxR/wDDm+JP/k+j61T/AJQ+q1P5iT/hJLz/AJ7f+OR0f8JJef8APb/xyOo/+GFvAv8A0EPij/4c3xJ/8n0f8MLeBf8AoIfFH/w5viT/AOT6PrVP+UPqtT+Yk/4SS8/57f8AjkdH/CSXn/Pb/wAcjqP/AIYW8C/9BD4o/wDhzfEn/wAn0f8ADC3gX/oIfFH/AMOb4k/+T6PrVP8AlD6rU/mJP+EkvP8Ant/45HR/wkl5/wA9v/HI6j/4YW8C/wDQQ+KP/hzfEn/yfR/wwt4F/wCgh8Uf/Dm+JP8A5PpfWqf8ovqtT+Yhurp7q43y/vJKm/YVH/FidQ/7Hfxf/wCpNqlA/YW8Cn/mIfFH/wAOb4k/+T6634W/DLRfg34Pj8O+H7Wa30u0nnuVW6u5r+d5bmVrqeR5rh5JXZ5ppHJZjyxpYitzmtChyo//2Q==)

*Рис.3.2. Экран настроек информационной системы*

### 3.3. Тестирование информационной системы

Тестируем информационную систему по критериям чёрного ящика [7, с. 18]. Критерии черного ящика представлены в таблице 3.1.

*Таблица 3.1. Критерии оценки информационной системы*

| № теста | Начальное состояние | Внешние действия | Ожидаемый результат |
| --- | --- | --- | --- |
| 1 | Выбран порт, к которому подключено устройство | Нажатие на кнопку «По умолчанию» | Сброс выпадающего списка в состояние «Не выбрано» |
| 2 | Расчетная производительность форсунок установлена | Нажатие на кнопку «По умолчанию» | Расчетная производительность форсунок становится равно нулю |
| 3 | Выбрана вкладка «Устройство» | Нажатие на вкладку «Настройки» | Открытие настроек приложения |
| 4 | Выбран порт, к которому подключено сканер | Нажатие на кнопку «По умолчанию» | Кнопка «Подключить» на вкладке «Устройство» - неактивна (не нажимается) |
| 5 | Порт не выбран | Выбор порта из выпадающего списка | Кнопка «Подключить» на вкладке «Устройство» - активна (можно нажать) |
| 6 | Выбран другой порт, к которому не подключен сканер | Нажатие кнопки «Подключить» | Статус имеет красный цвет. Выводится сообщение об ошибке. |
| 7 | Подключение к порту не удалось, имеется сообщение об ошибке | Повторное нажатие на кнопку подключить | Выводится сообщение об открытом порте. Выводится сообщение о необходимости закрыть порт |
| 8 | Имеется сообщение о необходимости закрыть порт | Нажатие кнопки «Отключить» | Вывод статуса «Отключено» |
| 9 | Выбран порт на к которому подключен сканер | Нажатие кнопки «Подключить» | Статус имеет зеленый цвет. Выводится сообщение «Подключено». |
| 10 | Подключено к сканеру, статус «Подключено» | Отсутствие данных о мгновенном расходе напрямую из ЭБУ | Переключение на метод расчета по времени открытия форсунок |
| 11 | Подключено к сканеру, статус «Подключено» | Производительность форсунок равна нулю | Вывод сообщения «Информация о производительности форсунок отсутствует» в течение трех секунд, переключение расчета через давление воздуха во впускном коллекторе |
| 12 | Подключено к сканеру, статус «Подключено»  Производительность форсунок НЕ равна нулю | Отсутствие данных о времени открытия форсунок | Переключение расчета на расчет через давление воздуха во впускном коллекторе |
| 13 | Подключено, зеленый статус | Нажатие кнопки «Отключить» | Красный статус, надпись «Отключено» |
| 14 | Подключено | Получаем данные от диагностического сканера | На главном экране отображаются данные, каждые 6 секунд столбцы на графике сдвигаются вправо |
| 15 | Порт выбран, производительность форсунок установлена | Закрываем, а потом открываем приложение | Настройки загрузились и применились, кнопка «Подключить» активна |
| 16 | Порт выбран, производительность форсунок установлена | Закрываем приложение,  Выбранный порт удален с компьютера | Настройки загрузились, порт не выбран, кнопка «Подключить» неактивна |

Заключение

В ходе выполнения работы по разработке информационной системы контроля мгновенного расхода топлива автомобиля были решены поставленные задачи. Основная цель – мониторинг и информирование пользователя о мгновенном расходе топлива, с целью принятия дальнейших действий для его сокращения, достигнута.

На стадии анализа задачи и разработки требований были выделены четыре основных прецедента использования информационной системы. Дальнейший анализ, с использование диаграмм активностей позволил конкретизировать основную логику работы информационной системы, и ее реакцию на различные действия пользователя. Например, анализ ввода настроек позволил организовать интуитивное управление, не отнимающее лишнее время у пользователя.

Диаграмма последовательностей позволила прояснить нюансы работы с периферийным устройством - диагностическим сканером, и учесть эти нюансы в работе информационной системы. Если бы, в информационной системе, не была учтена особенность продолжительности заполнения буфера, вся работа информационной системы была бы нарушена, по причине невозможности получения данных из неполных сообщений.

На этапе проектирования были выделены основные объекты (шесть классов), взаимодействие которых позволяет организовать простую и понятную схему. Понятное взаимодействие, в свою очередь, сокращает затраты как временные, так и финансовые на поддержку приложения. Между тем, поддержка приложения может занимать значительную часть жизненного цикла информационной системы. Правильно заложенная архитектура информационной системы позволяет реализовывать впоследствии любые задачи, без значительных трудозатрат.

Потенциал у разработанной информационной системы велик: расширение количества обрабатываемой информации, добавление дополнительных датчиков и сканеров, улучшение пользовательского интерфейса и удобства использования.

Итогом данной проектной работы стала информационная система полезная большой группе людей - водителям, косвенно влияющая на экологию и экономику. Работа над данным проектом позволила углубить и закрепить знания, полученные в ходе обучения.

Библиографический список

1. ELM327 OBD to RS232 Interpreter Datasheet, ELM327DSK 2017.
2. SAE J1979: E/E Diagnostic Test Modes – equivalent to ISO/DIS 15031-5:April 30, 2002 – SAE J1979 APR2002.
3. Фаулер М. UML. Основы, 3-е издание. – Пер. с англ. – СПб: Символ-Плюс, 2004. – 192 с.: ил.
4. Буч Г., Рамбо Д., Якобсон И. Язык UML. Руководство пользователя. 2-е изд.: Пер. с англ. Мухин Н. – М.: ДМК Пресс, 2006. – 496 с.: ил.
5. Шилдт, Герберт. C# 4.0: полное руководство.: Пер. с англ. -М.: «И.Д. Вильямс», 2011. - 1056 с.: ил. Парал. тит. англ.
6. Windows forms: [Электронный ресурс]. Microsoft 2020. URL: <https://docs.microsoft.com/ru-ru/dotnet/framework/winforms/> (Дата обращения: 09.05.2020).
7. Плаксин М. А. Тестирование и отладка программ - для профессионалов будущих и настоящих / М. А. Плаксин. – М.: БИНОМ. Лаборатория знаний, 2007. – 167 с.: ил.

**Приложениe А. Листинг 1. Класс MySettings**

using System;

using System.Collections.Generic;

using System.Windows.Forms;

namespace FuelEconomy

{

class MySettings

{

private string selectedPort = null;

private UInt32 injectorPerformance = 0;

private Button connectButton = null;

private ComboBox cbPorts = null;

private TextBox injPerformanceTextBox = null;

public MySettings(ref Button connBut, ref ComboBox cb, ref TextBox tb)

{

connectButton = connBut;

cbPorts = cb;

injPerformanceTextBox = tb;

}

public string SelectedPort

{

get

{

return selectedPort;

}

set

{

selectedPort = value;

if (selectedPort != null)

connectButton.Enabled = true;

else

{

cbPorts.Text = "Не выбрано";

connectButton.Enabled = false;

}

saveSettings();

}

}

public UInt32 InjectorPerformance

{

get

{

return injectorPerformance;

}

set

{

injectorPerformance = value;

saveSettings();

}

}

public void loadSettings()

{

injectorPerformance = Properties.Settings.Default.injectorPerformance;

List<string> ports = MainForm.getCOMports();

if (ports.Contains(Properties.Settings.Default.linkPort))

SelectedPort = Properties.Settings.Default.linkPort;

else

SelectedPort = null;

cbPorts.Text = SelectedPort == null ? "Не выбрано" : SelectedPort;

cbPorts.SelectedItem = SelectedPort == null ? "Не выбрано" : SelectedPort;

injPerformanceTextBox.Text = InjectorPerformance.ToString();

}

public void saveSettings()

{

Properties.Settings.Default.linkPort = SelectedPort;

Properties.Settings.Default.injectorPerformance = InjectorPerformance;

Properties.Settings.Default.Save();

}

public void setSettingsToDefault()

{

SelectedPort = null;

InjectorPerformance = 0;

cbPorts.SelectedItem = SelectedPort;

injPerformanceTextBox.Text = "0";

}

}

}

**Приложениe Б. Листинг 2. Класс Dashboard**

using System;

using System.Threading;

using System.Windows.Forms;

using System.Windows.Forms.DataVisualization.Charting;

namespace FuelEconomy

{

class Dashboard

{

private Chart chartDashboard = null;

private Label digitDashboard = null;

private Label rpmDashboard = null;

private double fuelRate = 0;

private int rpm = 0;

private bool isAllowed = false;

private double FuelRate

{

get

{

return fuelRate;

}

set

{

value = Math.Round(value, 1);

fuelRate = value;

string str = value.ToString();

digitDashboard.Invoke(new Action<string>(digitDBappendText), str.Contains(",") ? str : str + ",0");

}

}

private int RPM

{

get

{

return rpm;

}

set

{

rpm = value;

if (rpm > 0)

rpmDashboard.Invoke(new Action<string>(rpmDBappendText), value.ToString());

}

}

private System.Timers.Timer tm;

private bool isTimeElapsed = false;

private Thread averageValueThread = null;

private Series s = new Series();

private DataPoint dp0 = new DataPoint(1, 0);

private DataPoint dp1 = new DataPoint(2, 0);

private DataPoint dp2 = new DataPoint(3, 0);

private DataPoint dp3 = new DataPoint(4, 0);

private DataPoint dp4 = new DataPoint(5, 0);

private DataPoint dp5 = new DataPoint(6, 0);

private DataPoint dp6 = new DataPoint(7, 0);

private DataPoint dp7 = new DataPoint(8, 0);

private DataPoint dp8 = new DataPoint(9, 0);

private DataPoint dp9 = new DataPoint(10, 0);

public Dashboard(ref Chart cdb, ref Label ddb, ref Label rpm)

{

chartDashboard = cdb;

digitDashboard = ddb;

rpmDashboard = rpm;

s.IsValueShownAsLabel = true;

s.Points.Add(dp0);

s.Points.Add(dp1);

s.Points.Add(dp2);

s.Points.Add(dp3);

s.Points.Add(dp4);

s.Points.Add(dp5);

s.Points.Add(dp6);

s.Points.Add(dp7);

s.Points.Add(dp8);

s.Points.Add(dp9);

chartDashboard.Series.Add(s);

tm = new System.Timers.Timer(6000);

tm.Elapsed += Timer\_Elapsed;

}

/\*\*

\* основная работа по отрисовке графика

\*/

private void chartWork()

{

double summ = 0;

double average = 0;

int averIterationCount = 0;

while (isAllowed)

{

tm.Start();

while (!isTimeElapsed)

{

if (!isAllowed)

break;

averIterationCount++;

summ += FuelRate;

average = Math.Round(summ / averIterationCount, 1);

s.Points[0].YValues[0] = average;

chartDashboard.Invoke(new Action(update));

chartDashboard.Invoke(new Action(recalculateAxes));

Thread.Sleep(100);

}

rollChart(average);

s.Points[0].YValues[0] = 0; //сбросим левый столбик графика

chartDashboard.Invoke(new Action(update));

summ = 0;

average = 0;

averIterationCount = 0;

isTimeElapsed = false;

tm.Stop();

Thread.Sleep(10);

}

}

private void recalculateAxes()

{

chartDashboard.ChartAreas[0].RecalculateAxesScale();

}

private void update()

{

chartDashboard.Update();

}

private void digitDBappendText(string str)

{

digitDashboard.Text = str;

}

private void rpmDBappendText(string str)

{

rpmDashboard.Text = str;

}

private void rollChart(double param)

{

for (int i = 9; i > 0; i--)

s.Points[i].YValues[0] = s.Points[i - 1].YValues[0];

s.Points[0].YValues[0] = param;

chartDashboard.Invoke(new Action(update));

//chartDashboard.Invoke(new Action<Series>(remove), s);

//chartDashboard.Invoke(new Action<Series>(insert), s);

}

/\*\*

\* событие окончания таймера

\*/

private void Timer\_Elapsed(object sender, System.Timers.ElapsedEventArgs e)

{

isTimeElapsed = true;

}

public void setFuelRate(double param)

{

FuelRate = param;

}

/\*\*

\* запуск основной работы по отрисовке дашборда

\*/

public void startChartWork()

{

if (averageValueThread != null)

averageValueThread.Abort();

averageValueThread = new Thread(chartWork);

isAllowed = true;

averageValueThread.Start();

}

/\*\*

\* остановка работы

\*/

public void stopChartWork()

{

isAllowed = false;

}

public void setRPM(int rpm)

{

RPM = rpm;

}

}

}

**Приложениe В. Листинг 3. Класс MyLinkHandler**

using System;

using System.Collections.Generic;

using System.IO.Ports;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace FuelEconomy

{

class MyLinkHandler

{

private SerialPort linkPort = null;

private System.Timers.Timer listenTimer;

private bool timerFlag = true;

public MyLinkHandler(ref SerialPort port)

{

linkPort = port;

}

/\*\*

\* получение сообщения из порта и парсинг его на заголовок и данные, возвращет только данные

\*/

public string getData(string request)

{

try

{

if (request.Length != 0)

{

request += "\r";

linkPort.WriteLine(request);

}

}

catch

{

return "";

}

string res = "";

getAnswer(ref res, 3000);

if (res.Length < 4)

return "";

res = res.Replace(" ", "");

request = request.Replace("01", "41");

request = request.Trim();

if (res.Contains(request))

res = res.Replace(request, "");

res = res.Replace(">", "");

res = res.Trim();

return res;

}

/\*\*

\* приём строки, формирование запроса и отправка в порт

\*/

public bool send(string str)

{

try

{

if (str.Length != 0)

{

str += "\r";

linkPort.WriteLine(str);

}

}

catch

{

return false;

}

return true;

}

/\*\*

\* ожидание ответа в течении timeout

\* наличие завершающего символа ">" выходит досрочно из цикла ожидания

\*/

public void getAnswer(ref string str, int timeout = 1000)

{

linkPort.ReadTimeout = timeout;

timerFlag = true;

str = "";

listenTimer = new System.Timers.Timer(timeout);

listenTimer.Elapsed += Timer\_Elapsed;

listenTimer.Start();

while (timerFlag)

{

try {str += linkPort.ReadExisting();}

catch { break; }

if (str.Contains(">"))

break;

}

listenTimer.Stop();

}

/\*\*

\* событие окончания таймера

\*/

private void Timer\_Elapsed(object sender, System.Timers.ElapsedEventArgs e)

{

timerFlag = false;

}

}

}

**Приложениe Г. Листинг 4. Класс StatusBar**

using System;

using System.Windows.Forms;

namespace FuelEconomy

{

class StatusBar

{

private string status;

private string Status

{

get

{

return status;

}

set

{

status = "Статус: " + value;

if (status.Contains("Статус: Подключено"))

imageBar.Image = global::FuelEconomy.Properties.Resources.Connected;

else

imageBar.Image = global::FuelEconomy.Properties.Resources.Disconnected;

}

}

private Label imageBar;

private Label textBar;

public StatusBar(ref Label imgLabel, ref Label txtLabel)

{

imageBar = imgLabel;

textBar = txtLabel;

}

private void setStatusDirectly(string inputStatus)

{

Status = inputStatus;

textBar.Text = Status;

}

public void setStatus(string s)

{

textBar.Invoke(new Action<String>(setStatusDirectly), s);

}

}

}

**Приложениe Д. Листинг 5. Класс RemoteDevice**

using System;

using System.IO.Ports;

using System.Threading;

namespace FuelEconomy

{

class RemoteDevice

{

private MyLinkHandler link = null;

private SerialPort port = null;

private StatusBar statusBar = null;

private Dashboard dashboard = null;

private MySettings mySettings = null;

private bool allowWork = false;

private double fuelRate = 0;

private int errorCount = 0;

private Thread work = null;

/\*\*

\* структура методов расчета мгновенного расхода топлива

\*/

enum RequestType

{

byPID,

byInjectorTiming,

byMAP

}

private RequestType requestType = RequestType.byPID;

private double FuelRate

{

get

{

return fuelRate;

}

set

{

fuelRate = value;

dashboard.setFuelRate(fuelRate);

}

}

public RemoteDevice(ref SerialPort sp, ref StatusBar sb, ref Dashboard db, ref MySettings ms)

{

statusBar = sb;

port = sp;

dashboard = db;

mySettings = ms;

//настроим порт

port.ReadTimeout = 6000;

port.NewLine = "\n";

link = new MyLinkHandler(ref sp);

}

/\*

\* проверка, то ли устройство находится на конце соединения

\*/

private bool verifyConnection()

{

if (!link.send("atz"))

return false;

string str = "";

link.getAnswer(ref str, 2000);

if (str.Contains("ELM327 v1.5"))

return true;

else

return false;

}

/\*\*

\* непосредственная работа по получению данных и их обработку

\*/

private void mainWork()

{

while (allowWork)

{

switch (requestType)

{

case RequestType.byPID: casePID(); break;

case RequestType.byInjectorTiming: caseInjectorTiming(); break;

case RequestType.byMAP: caseMAP(); break;

}

Thread.Sleep(200);

}

}

/\*

\* получение данных напрямую из соответствующего PID протокола

\*/

private void casePID()

{

statusBar.setStatus("Подключено. Запрос данных напрямую из электронного блока управления");

string fuelRateStr = link.getData("015E");

double fuelRate = 0;

try { fuelRate = Convert.ToInt32(fuelRateStr, 16) \* 0.05; }

catch { }

//запросим обороты двигателя

int rpm = 0;

string strRPM = link.getData("010C");

try { rpm = Convert.ToInt32(strRPM, 16) / 4; }

catch { }

dashboard.setRPM(rpm);

if (fuelRate == 0)

errorCount++;

else

{

FuelRate = fuelRate;

errorCount = 0;

}

if (errorCount > 5)

{

dashboard.setRPM(0);

FuelRate = 0;

errorCount = 0;

requestType = RequestType.byInjectorTiming;

return;

}

}

/\*\*

\* рассчет через время открытия форсунок и их производительность

\*/

private void caseInjectorTiming()

{

if (mySettings.InjectorPerformance == 0)

{

statusBar.setStatus("Подключено. Информация о производительности форсунок отсутствует.");

Thread.Sleep(3000);

FuelRate = 0;

errorCount = 0;

requestType = RequestType.byMAP;

return;

}

statusBar.setStatus("Подключено. Расчет через показания датчика времени открытия форсунок");

string injTimingStr = link.getData("A029");

injTimingStr = injTimingStr.Replace("E0", "");

double injTime = 0;

try { injTime = Convert.ToInt32(injTimingStr, 16) / 1000.0; }

catch { }

string strRPM = link.getData("010C");

int rpm = 0;

try { rpm = Convert.ToInt32(strRPM, 16) / 4; }

catch { }

dashboard.setRPM(rpm);

if (injTime == 0 || rpm == 0)

errorCount++;

else

{

FuelRate = (double)rpm \* injTime \* (double)mySettings.InjectorPerformance / 1000.0;

errorCount = 0;

}

if (errorCount > 5)

{

dashboard.setRPM(0);

FuelRate = 0;

errorCount = 0;

requestType = RequestType.byMAP;

}

}

/\*\*

\* расход мгновенного расхода через давление воздуха во впускном коллекторе

\*/

private void caseMAP()

{

statusBar.setStatus("Подключено. Рассчет через показания датчика Manifold Air Pressure");

/\* IAT - Intake Air Temperature in Kelvin - 283

\* R - Specific Gas Constant (8.314472 J/(mol.K)

\* MM - Average molecular mass of air (28.9644 g/mol)

\* VE - volumetric efficiency measured in percent, let's say 85%

\* ED - Engine Displacement in liters 1.396л.

\* IMAP = RPM\*MAP/IAT;

\* MAF = (IMAP/120)\*(VE/100)\*(ED)\*(MM)/(R);

\*

\* AirFuelRatio = 14.7; // For gasoline vehicles

\* FuelDensityGramsPerLiter = 720; // For gasoline vehicles

\*

\* FuelFlowGramsPerSecond = MAF / AirFuelRatio;

\* FuelFlowLitersPerSecond = FuelFlowGramsPerSecond / FuelDensityGramsPerLiter;

\*

\* LPH = FuelFlowLitersPerSecond \* 3600; // Convert to liters per hour

\*/

const double R = 8.314;

const double ED = 1.396;

const double MM = 28.9644;

const int VE = 85;

const double AirFuelRatio = 14.7;

const int FuelDensityGramsPerLiter = 720;

//запросим обороты двигателя

int rpm = 0;

string strRPM = link.getData("010C");

try { rpm = Convert.ToInt32(strRPM, 16) / 4; }

catch { }

int map = 0;

string MAP = link.getData("010B");

try { map = Convert.ToInt32(MAP, 16); }

catch { }

int iat = 0;

string IAT = link.getData("010F");

try { iat = Convert.ToInt32(IAT, 16) + 273; }

catch { }

dashboard.setRPM(rpm);

if (rpm == 0 || map == 0 || iat == 0)

{

errorCount++;

}

else

{

double IMAP = (double)rpm \* (double)map / (double)iat;

double MAF = (IMAP / 120.0) \* ((double)VE / 100.0) \* ED \* MM / R;

double FuelFlowGramsPerSecond = MAF / AirFuelRatio;

double FuelFlowLitersPerSecond = FuelFlowGramsPerSecond / FuelDensityGramsPerLiter;

FuelRate = FuelFlowLitersPerSecond \* 3600;

errorCount = 0;

}

if (errorCount > 5)

{

dashboard.setRPM(0);

FuelRate = 0;

errorCount = 0;

requestType = RequestType.byPID;

}

}

/\*\*

\* установка соединения

\*/

public bool connect(string portName)

{

if (!port.IsOpen)

{

port.PortName = portName;

}

else

{

string str = "Ошибка. Порт " + port.PortName + " уже открыт, необходимо отключиться от порта";

statusBar.setStatus(str);

return false;

}

try { port.Open(); }

catch

{

statusBar.setStatus("Ошибка, подключение к порту невозможно");

return false;

}

if (port.IsOpen)

{

if (verifyConnection())

return true;

else

statusBar.setStatus("Ошибка, устройство не прошло проверку. Неизвестное устройство");

}

return false;

}

/\*\*

\* настройка сканера на нужную нам работу

\*/

public bool init()

{

bool res = true;

string answer = "";

link.send("ATSP3");

link.getAnswer(ref answer, 5000);

if (!answer.Contains("OK"))

res = false;

link.send("ATE0");

link.getAnswer(ref answer, 5000);

if (!answer.Contains("OK"))

res = false;

if (!res)

statusBar.setStatus("Ошибка. Невозможно инициализировать сканер.");

return res;

}

/\*\*

\* запуск основной работы

\*/

public void startWork()

{

if (work != null)

work.Abort();

work = new Thread(mainWork);

allowWork = true;

work.Start();

}

/\*\*

\* остановка опроса

\*/

public void stopWork()

{

allowWork = false;

FuelRate = 0;

dashboard.setRPM(0);

}

}

}

**Приложениe E. Листинг 6. Класс MainForm**

using System;

using System.Collections.Generic;

using System.Drawing;

using System.IO.Ports;

using System.Linq;

using System.Threading;

using System.Windows.Forms;

using System.Windows.Forms.DataVisualization.Charting;

namespace FuelEconomy

{

public partial class MainForm : Form

{

private MySettings mySettings;

private StatusBar statusBar;

private RemoteDevice remoteScaner;

private Dashboard dashboard;

public MainForm()

{

InitializeComponent();

mySettings = new MySettings(ref connectButton, ref cbPorts, ref inputInjectorPerformance);

statusBar = new StatusBar(ref statusImageLabel, ref statusTextLabel);

dashboard = new Dashboard(ref chartDashboard, ref digitDashboard, ref rpmDashboard);

remoteScaner = new RemoteDevice(ref adapterPort, ref statusBar, ref dashboard, ref mySettings);

tabControl.DrawItem += new DrawItemEventHandler(tabControl\_DrawItem);

MainForm.CheckForIllegalCrossThreadCalls = true;

}

/\*\*

\* Настройка отрисовки стиля вкладок

\*/

private void tabControl\_DrawItem(Object sender, System.Windows.Forms.DrawItemEventArgs e)

{

Graphics g = e.Graphics;

Brush \_textBrush;

// Получим объект из коллекции

TabPage \_tabPage = tabControl.TabPages[e.Index];

// Получим параметры ограничивающей рамки.

Rectangle \_tabBounds = tabControl.GetTabRect(e.Index);

//используем другой шрифт

Font \_tabFont;

if (e.State == DrawItemState.Selected)

{

//Изменим шрифт и закрасим фон

\_tabFont = new Font("Comic Sans MS", 18.0f, FontStyle.Bold, GraphicsUnit.Pixel);

g.FillRectangle(Brushes.AliceBlue, e.Bounds);

\_textBrush = new System.Drawing.SolidBrush(Color.Blue);

}

else

{

\_tabFont = new Font("Comic Sans MS", 18.0f, FontStyle.Regular, GraphicsUnit.Pixel);

\_textBrush = new System.Drawing.SolidBrush(e.ForeColor);

e.DrawBackground();

}

// Напечатаем название вкладки по центру

StringFormat \_stringFlags = new StringFormat();

\_stringFlags.Alignment = StringAlignment.Center;

\_stringFlags.LineAlignment = StringAlignment.Center;

g.DrawString(\_tabPage.Text, \_tabFont, \_textBrush, \_tabBounds, new StringFormat(\_stringFlags));

}

private void MainForm\_Load(object sender, EventArgs e)

{

mySettings.loadSettings();

}

private void inputInjectorPerformance\_TextChanged(object sender, EventArgs e)

{

UInt32 value;

if (UInt32.TryParse(inputInjectorPerformance.Text, out value))

mySettings.InjectorPerformance = value;

else

inputInjectorPerformance.Text = "0";

}

private void inputInjectorPerformance\_KeyPress(object sender, KeyPressEventArgs e)

{

char number = e.KeyChar;

if (!Char.IsDigit(number))

{

e.Handled = true;

}

}

private void buttonDefaultSettings\_Click(object sender, EventArgs e)

{

mySettings.setSettingsToDefault();

}

private void cbPorts\_SelectedIndexChanged(object sender, EventArgs e)

{

if (cbPorts.SelectedItem != null)

mySettings.SelectedPort = cbPorts.SelectedItem.ToString();

else

cbPorts.Text = "Не выбрано";

}

private void cbPorts\_Click(object sender, EventArgs e)

{

List<string> COMlist = getCOMports();

cbPorts.Items.Clear();

cbPorts.Text = "Выберите порт";

cbPorts.Items.AddRange(COMlist.ToArray());

}

private void connectButton\_Click(object sender, EventArgs e)

{

statusBar.setStatus("Подключение.");

if(!remoteScaner.connect(mySettings.SelectedPort))

return;

if (!remoteScaner.init())

return;

dashboard.startChartWork();

remoteScaner.startWork();

}

private void disconnectButton\_Click(object sender, EventArgs e)

{

if (adapterPort.IsOpen)

adapterPort.Close();

if (!adapterPort.IsOpen)

{

statusBar.setStatus("Отключено");

dashboard.stopChartWork();

if(remoteScaner != null)

remoteScaner.stopWork();

}

}

static public List<string> getCOMports()

{

string[] ports = SerialPort.GetPortNames();

List<string> uniqPorts = new List<string>();

foreach (var m in ports.Distinct<string>())

{

uniqPorts.Add(m);

}

return uniqPorts;

}

}

}