Санкт-Петербургский политехнический университет

Высшая школа прикладной математики и вычислительной физики, ИПММ

Направление подготовки

«01.03.02 Прикладная математика и информатика»

Курсовая работа

**тема "Методы решения краевой задачи для ДУ 2-го порядка. Метод редукции (с использованием исправленного метода Эйлера) и метод конечных разностей"**

**дисциплина "Численные методы"**

Выполнил студент гр. 3630102/90003 М.К.Турченко

Преподаватель: К.Н.Козлов

Санкт-Петербург

**2021**

**Формулировка задачи**

В данной курсовой работе решается краевая задача для ДУ 2 порядка:

;

на отрезке [-2, -1] со следующими граничными условиями:

Краевая задача решается двумя способами:

1. Методом редукции краевая задача для ДУ 2 порядка сводится к двум задачам Коши 2 порядка, которые сводятся к решению двух независимых друг от друга систем ДУ 1 порядка, каждая из которых решается исправленным методом Эйлера;

2. Методом конечных разностей решения краевой задачи.

Необходимо провести сравнительный анализ методов по точности и устойчивости.

**Условия применимости методов:**

1. Метод редукции + исправленный метод Эйлера.

Поскольку мы сводим краевую задачу к эквивалентной задаче (нахождения решения двух задач Коши для ДУ 2-го порядка), то можно применить теорему о существовании и единственности решения задачи Коши для ДУ 2-го порядка.

Если функция и ее частные производные непрерывны в области, содержащей точку , то существует единственное решение данного уравнения с данными НУ ;

Других условий применимости у этих методов нет.

2. Метод конечных разностей

Метод конечных разностей сводит исходную краевую задачу к СЛАУ с трехдиагональной матрицей, которая решается методом прогонки за линейное время.

Условия существования и единственности решения СЛАУ, то есть условия применимости метода – диагональное преобладание матрицы коэффициентов СЛАУ, которое обеспечивается выполнением условий, накладываемых на коэффициенты исходного ДУ:

1)

Заметим, что:

x = -2:

x = -1:

2)

**Алгоритмы методов**

1. Метод редукции + исправленный метод Эйлера.

Дана краевая задача в общем виде:

Будем искать решение линейной краевой задачи в виде y(x) = Сu(x)+v(x), где C, u(x), v(x) – некоторые постоянная и функции, на которые будут накладываться условия.

Делая ряд рассуждений, мы сведем задачу к решению двух задач Коши:

u’’+p(x)u’+q(x)u = 0; u(a) = , u’(a) = -;

v’’+p(x)v’+q(x)v = f(x);

Задачу Коши для ОДУ 2-го порядка сведем к системе ОДУ первого порядка, сделав замену z(x) = y’(x); Для первого уравнения система примет вид:

Аналогичная система получится для второго уравнения 2-го порядка

Данные задачи Коши будем решать с помощью исправленного метода Эйлера 2 порядка.

Данная система будет иметь следующий алгоритм решения:

Таким образом, мы найдем сеточную функцию u на сетке х. Таким алгоритмом решаем вторую систему из двух ОДУ 1-го порядка для функции v(x), далее находим константу С по формуле:

И находим решение краевой задачи для функции y(x).

2. Метод конечных разностей.

Пусть поставлена краевая задача

Зададим равномерную сетку:

В узлах сетки ДУ имеет вид:

Аппроксимируем производные конечно-разностными выражениями. Для этого разложим искомую функцию 𝑦(𝑥) в ряд Тейлора в точках 𝑥 + ℎ и 𝑥 − ℎ:

Сложим и вычтем получившиеся выражения:

отбросим , заменим 𝑥 на , затем 𝑦() заменим на и подставим в исходное уравнение. Получим:

Перегруппируем наши n-2 условия, добавим еще 2 начальных условия и получим СЛАУ с трехдиагольной матрицей:

Данная трехдиагональная СЛАУ легко решается методом прогонки.

Оценку теоретической погрешности в обоих методах будем осуществлять с помощью правила Рунге. Для этого решаем краевую задачу на n и 2n узлах, и если величина

, m-порядок метода

меньше заданной точности, то решение найдено с нужной точностью. Для метода конечных разностей и исправленного метода Эйлера m=2.

**Тестовые примеры с детальными расчетами**

1. Метод конечных разностей

![Изображение выглядит как текст, доска

Автоматически созданное описание](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDqRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAYAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIxOjA1OjI3IDAxOjE1OjUyAAAB6hwABwAACAwAAAjUAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAD/4TGwaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLwA8P3hwYWNrZXQgYmVnaW49J++7vycgaWQ9J1c1TTBNcENlaGlIenJlU3pOVGN6a2M5ZCc/Pg0KPHg6eG1wbWV0YSB4bWxuczp4PSJhZG9iZTpuczptZXRhLyI+PHJkZjpSREYgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdG9yVG9vbD5XaW5kb3dzIFBob3RvIEVkaXRvciAxMC4wLjEwMDExLjE2Mzg0PC94bXA6Q3JlYXRvclRvb2w+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMACAgICAkICQoKCQ0ODA4NExEQEBETHBQWFBYUHCsbHxsbHxsrJi4lIyUuJkQ1Ly81RE5CPkJOX1VVX3dxd5yc0f/bAEMBCAgICAkICQoKCQ0ODA4NExEQEBETHBQWFBYUHCsbHxsbHxsrJi4lIyUuJkQ1Ly81RE5CPkJOX1VVX3dxd5yc0f/CABEIA5UFAAMBIgACEQEDEQH/xAAbAAEBAQEBAQEBAAAAAAAAAAAAAQIDBAUGB//aAAgBAQAAAABrTeqba0bbardzq1ou6qtRWy6aVWiw1c1qDQstW2Cw0rSkpKJQM7IkpKlqCghMRnMxj8Xu7a0rWtVdaWtU3LrUttWrbVNLdDYF0jRLaFothq4q2lUaSAFQqEIqaZoUzKkmWZOWfxutaa20bulbpbq2XVpq6VTa0arOmtFmlVNhalqoqzQF0LUrFpZZZc0WIhpAsKkJGbhlnnj8brem7bbdVrRoutrqW1dbytr53X22rpdZ1Ws3RoTS0BtFNEqpa1JolZaJQASAJNWyWsiSGIzjGPx29W63Wl0utLpWy7VNrqaVdZ8vh9P0dat0UXQLGiNBq2RbZSlNSaCWyUuskCxkayClysDCM4jHL8fu6a23qW27taNVpqrdFtLbWGPS0toai2rFi2hWjOtQN5DRZWbQWwQWICIU0ISJIzM5xz/H63Wtbtu5pdLpbpdVot1ZbqaPN36U1dFFi0q0Z0srVVKo1FAgtKLkogIskKqaCSMEyxM8/wAdrduru6mtWtLtVarVtXS6Jry59dumq1RbFtg1VZs0XQWNVnRVZ1cyxZdSgGpkCRZFsWjMZGImM5/F73rRu7N6NGtatJramrqlmmM66NamqaqxpULVAaqrDQNTSUM2VVWEosyFkWIo1ISQkzJjN/Fa3rTV1bbo1W602XTUW6ou+Pl8nv8AZbaupdFLbLKmpQl2ltNAWmsjKqJoJQjNqLIiioDLMyzzl/E73daredbt1VXa2ruaNVbpN5+P6eXv9Ghq200qXUqGpQmtRpqSqNDSFiLLFKgoZpg58+vQVEVMsyZkk/Fbu9Lq6XS7U1ba1qzVaVraVluqps1alaEW2WjOlrVkVaauQFzVEpZLqLJIvj07bvn7NomarOcyZZPxOt60utNLWqt1a1dLqVdLtaj5n0elhrW4bFWaCy6DSLRYtF1EKpDUzbmqKJEOfF07eX0tQuSRnMyZs/E6vStaui6NrppdXQbudaaurJZ5e/Y01S6ztYLotWFsVqFLQFCrlbLjcmoUDNTGpNeX1SmkZZkkjET8VrW2tLs3WjVtrVttNVdNV4PF9bzenvoXVNxaF0F0k0UaKDRFLN5sBZRZBVyCOV15vULqRnFSZZkj8VrWrdXTU020atXTTWhsbauscOXfvRq3SqqU1QVVzpaudEW2yiwLBqAWLcrkMfOfSeX2AiXFZxIiT8Trd01pba1tZrRpdtG7nRuqq6DV0s0VSlULazbVludIrcKSoKWwKgQZuOHa8+nk9tpjzz0aMzElkY/Fa03bpq6NXVm7TS6XWdxq6pV5dugNrG9ZaC6zZooVc7sGpaBqS1y4enVApUCGU8q+yeL2WGPJPcM4uWbGfxGtXbS7bLdVbsbW2qXarzu5jp2NK0mqNJqyF0WxBpoWxpCjU8Xm93fUSijUDNZY+X9PpZ5PWSvl9PbUxWZBj8Ru27trW6XZbuauzSzeWtNTXj58PoeX1enotUVsqtZC2hWbpStBKqrnjmelTIttCAk5fL9mJ19mOPTpfBx+mZ8ePVq5yk/EbautG2tVN6pq7aNRdLdFqN56LdBo0VdEaWaMtLGjQqs2lFz4u/ZqBGqipcljLXn6ce/i9vi95zmpPA9twZs/ELvTata1ouro1pVltt20zqaW6o0tNDUXWgaJYukN5uhZZSy08GO/qoqCis2RQzXi9vLh6NzhjtvJjSZJPxGpq26N70t1NXVbVLdy3TVztYa0ts1S0pdCqsBtLaVSwWWVLlqzSoAAZ0jzel4fdMjy8PZpKS4yPwvStVdXW5qrbq23RsNtNNNDjj2KNWlXUtUNBKrShbK1JFllNcL2sWLLbnOpYpm2B4/USoyzbM2Mo/D6t2ab1Vq23adK0I11LbpTGtUumqVaaWWrFKW0WlWGbSKvzO3uuQuhASVKTzPT4/WIjAszLZJn8RrVrZq6tWb01ubWls1o1dUPF6O10NtTSrLqy1So1lpqXQstliyFKagqaM6BFRHl83adu2kyZxoWYaymfw22rpq26aNaa201Sqt1dK1eXDn7dtWatupQuqtlaRaLZaosFMou3l16JF1GiDWLqRUZq3xesjmy0JmkxPw+tqt1bq6LtvRqtVC9Glq3yddauxvYti1tqWXUsWk2LLSoUQajj2pFtLldZAMefWfQ8XuMsAMkM5/Db3Wq1a1Wm7qrrShbu1NLr5/bE6eyVrY1Y1Zq6VKsaC2VVlubUpZkaKIuhLYCWaEjw+0ziaJZCZuWPw+uml0a0tarWtW3UrRpom2jVpaGtGhW10C2VRapQUKk82Z6myUN5KEW4atRPF7cyYqBrDK4Pwu7rZdaGq1d26WzRbqqtrYto1LqWtlaG86UNBbRVZpqNGfJenTl6ElqpbMbuQDaZTx+3OZpJFRMmT8Pq3dXS2tW3V1TUtK1dW2ls8nq6itajS7Cqzu0UtGkaAFNTy+fp6+fY1m0CWwpJWJNPJ6RZBnUyhD8RdVpsrdq3RtpdMtXa6LbDPapo1V0upVqs7FsWlpLoiassonFudTULUlss0M3Nc2czyeyZYYRNSWd95k/E6tba2tW6WXWqt2zonSXVtL5eXs11UrS6puWlVQsugaCW3jrTYcds9I1UtgqhYw1CPL6pLCIRmBz/E3VumrrVy3dGi6trVGprZqKznvWlNS6VVtaRVmoWqaVJo8Wb7NUx8/r7catsWyyy2Y6lMLOXnnr8np0CZNZhjSZ/Da1pdWrutNTdDpa1Qb1aak1WqaNTS1RqrYahoXSLYGvLw37irx6OPW2Cgax4M+z0mYcb1x58+naRCXz4z6zKZ/E6bqrprTdU2Na0paXRtam1tVLo2Wl0lWks0zu6zSKa554e4OOM+nn1lolKLjn00hTXHzery+pYcsd5nyzr0qMz8Ru6tabNNmmmiulLU02Ny68t9VtKq6tLVtiqGrmW6lLFax5XtsUl478+/QhUqry+b7u4Dn8vt9Hy+qM3zcN+s83g9HtMo/E7W2rtLvVpqrdTStNzSVrZRrS0aFtmrNaKRWsqVoKVmdCrzx38/bxe0k0GrHPh17SaHPl21jz+rHD0s+G+weOepEw/F6mtWrqzWtbF0apprQtmmty3Pm799RNGrC6rSlsNSpSyqqF4+SfVLXnvbh25bqitSmOWu6CY483bj6/Dx+lZ8ft9JOPHroRj8XuXWm2qurqqpummqKtmtnDl29GqTRo1NNUUtmrNEClFaz8/wCjpJqfJ7/R8vLfqUqa1ldeDzdvpY1DPyPqdNZ8fpxs4rq5Oe4kzPxW7bu23UvQ01SaurLVaVTdrzX1miymw1qpRVqrBz1dTUXRz6Wpq8tvPx7+iWWlFaYsFznwdfP68ekZebzfRseXl7WYw/n/AEx6vRWm6utGrbUa0Gl0lXVtbSrbUbNS1VoVpnTOsmqstzqaqGmOjzax6V0BFmiAZ8Pt8u+XslknzL9KTXznvwmbn8ZlvrW2y3V1qxsKtsbspul0tq0LpS6UpSWllKXWaLPD7rSyb82vF9I0q2Zal48/RogMvF6wEyJZiE/GOhq6rcumrultaM3RdN5XWgttsraXRWxJsWKhqatBReHZV5ebzfY83bOttKVmUSlQGPB7NUkWYuZZM1n8Ydc71pdJu3dalNaWXQ1Ut1pm0u6mtWgu1ym1FT5d6/QUce1Sy68/Lp6V143r87zfRNLm0Hz/AFcfbEHm47l4a2WIhJM1vtj8bc9mmltW603Vl0tWlaUukq8nfQ3oqU3vMamrFc/zdfp9WuXjvurHiTfq30W+fh7eXfyesGkaR5fL7+yQTUy8Pr3kRLk8+9mGPxfLXT02W21s2uqaq6WWi21bMzPoq2XRsaS7M3Roms8nezTPj7draNSpb5c9Z6efWSzVhRnyX1kVmU8PsWHl9Esvx+np7xJj8Xi+y0ul0urZuprYtVrN0aNPJy6+zYs4d+i3SNiapVWzOrKePn9BpY4eqI2s82ufq1kdEBnyX104ztkzfO7h87Pb2SeDx/V1JrGPxmOnptW6XTRbpqrVaLpWd1V1i1d3nw4+/bVDYWy0Ljek1lx579ILqs51nmmuXuZlNCw8/D3l8L2x4ce1w1w9O7z4b6jz71LiZ/H+d09Oq01bdUurVrRqmzLdaLw32l0z5fVramii61gNXHm9dstjwd/RVk1oScPL6+nWpFNaA8Hf0Dnjs+dnr0x6Pna9fRz+X7vTh4enXrljGvxuemem9auXW6KutRsuhpaNlo0mtL5vL0+gW60KIUXy+ncNbnPnn0ljSwVbKlUWyaPP3TTPl908nP0cfVhZGOPdJctM4mfx+7dW+eY9+m5a1Vq6WtFpdF1l5faXRxxr0zUurZaiqXG/n+j0+Tp3bvHxer0Si+D6IkTbUGpLqE3mXeR4vcjOmEM8/PPYjyz1Rhj8hu221w9TTVl1NVbWrbRabonPrpWmWetoW1bNTRnw9uXe59aaa83e5NxjqANQoaTUvDyPpVBJqSpczOPF7dGPB39LEk/Ia1jppc3pdGmlaLWqtspdjTjz9a2254vTpGNNG9RpVlOE9FlXlz9CxWjNo82+5KWi2Y467258/P1WorNkylyXAxD8hi67LpVbXSmtSa0aUW6tNXxct+vqrXDx+n07qWVpbLdJNVEat5dHHj7L5Nd7z6uPcjGexaW1KT5/b1q8ePdloTNjJmyWS4mT8lxx69tPL09NrS6q3SWmqXUulNOWXpLSLvUFso20ytcefpNPndfPfX63mx6p5PV4O/tzTHR5+7VUuS6+Zr19Ynh9w0JM4tJBmYE/J78vp2tzn0Fs3a0Wm1GlaGl4ax6xYw7W0KhpsKJjrNOO8d7eXXlp5vVNIPN6/I9U1VKlMY3dZyu82alzEsQGMCT8m479Jrx+vpouhqmhql0aVYaVdRa5ztpccl1m06dqoSeD6VJoY87n09Xn9PHrScGt57Kl0A8rffXHz31ixmAZoYyMPyHL0umidFturLoaU2DTRuSr5vVS353dp67z1tqpZw6Z9Nikzw9U0lukRHm9QeWdsr21NLRbDyef39U8+PUzrJJqGdZBjMty/JZ83u28fo7a00asuqNLLqybK0svi7d7Vu3nzj09paWs48fT27LF5ea9fVKZ8+/VE59M8e/i37GZxvqSzRRdSHyPrjn831+ozUlGbISYhT8ljy79Pbl6Gq00prQoa0lq1V14+nbRdUNCtVE8+fT1Wql1miROsrnrh16ebXcvh7eny67UtLazcWaTnz7dLIMWWIi5zIQ/J45elzu+m92rTWwql0UpqbZ8nm+tuLo53dWrrhO94+H6HaaaqWGdQq3z8N8N/Rplpx5+m5thqpdw+N7OnoqZdJITKmVyTIkPyN2dL52vU0Vp0KKLVsq1oxvQt1MOpjj6JnPbtPO6dLqWNs6Sh5uP0NMXnvxb6+f3Z+R7une+bt1jVzbbI8rfpjh4+/ssyMGarJkEk/I71dDPa1pV1qxqotGlsrVXyY9XWizyTr6teSOl6dxjWlJrWQ0zeHozu1m3EnXXHWvPjrn0S53VVDlpsnj9ekiMkqayyDGpPyW2xumjY3pE3qUppqzS2rLc3Tz5uu9rj3t1LHh7esPH29Jzebr6PJy+lc2gtzbF8zydfbqTSlU83n175DJYISGowGSPyVbtl4+m2zWst6q2rQVq200Si68+J7NQWtzTUmOsrhr0BNebyer18eHb02QUs8ft8/TS2VNZ0VYEz556SEsslJAmUj8pm61bpqWtLbqqqtWwa1Vmqed6Ggao8kt3vteU13q5cvTFlz8z6HP1uHpElhqOWHo54z65bLQM8p6B4e3fIEjLRmLEyPx83vd253qrSXWtoNaFqm2dWzTPL0FLVQlOd7XWoY8mvexx9G7OGPXyavTJZVThw6erOXZnVazYsz8/j9hqWSTKVLczUMrmQj8Z3xL6Ly27XSku9VTVSrWgtrUy3S0osOWuq6tg8nb0Xh5vdq3hrt87XH2epM60j5zXpdvPy91XNtBXDpS4pnyzr8/1O/VmBEiZPyfHr1nUrWqqpq6TWmkaqqmOHp6XzumPUGqRQ43sq7I8GfodZl1QtUPB79skVnz79FLLUpYiWPP3k8fTffHl9G4QhGSZ/KuXTrrePJ6utW6JdUurVak1aeXterfm311ZTO+boGHOW776Dxef6m3n6dqGlIrQRYpc0qlseP1JZnzelWXPW0plCQYPytje3Gd9lu83VtGlNNQbcPnfW1updRUxjtsefF113THH16XzPSW22Sa2QXRAVFLakqnLdMgy8OPb1LglZGYZ/LePr6HS8fP116ltq7qW20stLq/G+Z+k9GkrUbTwa9e9JNklM9NDy59WvH6u2dkLoRpQcddKlVqs8uWPV1z8e9/oGfJ6rJrxduxEWJCRJPyHXWeuluZ1mjcXTWo2UtU1y4exNLStXHUsPJ6q4do8Xu6Dh4Prefwe72eL09Sc+u83x9um3n9SLjYsNWx58Y91cPN6PRE8nrg82selkIghMT8ni69SrbRdM7abLRWmizzesHk9e6Mu8Wc/B9HU467ebn1elrj5nu8fo4vXbeWe+pPF6OvPe9azo8fbtCray4Z9O/nY7+quHmfRmZcebfciWIhLJPyvnd+5ouw0tVboVpV1y83Xh6u6+fum9SvLz9nS3h5vV2z5O++nl9GdarGO20zn0ZDh248u/p8+L17mk8t9AWrDzeH7Ncs9hOPfI8eHuZhElkshn8vjWulVjW+fm6b5+5otaaGo01nj03oGelHPhv2alZtVUWxOPP1dJw9Ghxanc5dOHqjVlz4p6uoGi+fx+n1koMbkDGkiAyDOfy3Ln6etZ477aFurqxa1rSCtFF5fm+X2/p7XOGPXQVZZeG+tTRZU0cbi+m+XPs8vr82++iV5PS0lFCx5XqLfJ30J5L31GbLkkKzj8xZWtXzde1WjTRpVuo1K0pS+Lfq1ZZU3a4dKTKztaTTQXU4cfZfL68+Tr6/J6nl9Yt4daKi1PNn1NZ8Pt2rld1Z8qfQ3GVksRWZj8wa0t8s9xbFrpYtLo1NLawl8vb0+Lp6NhdWazzrVxnQ7hznTbj6deTjfa871XHbx76eb23NqpEWXQ8F91eHW++nh5a92mkZhCCYpMz8xo2OG+5vPn9VtapqxvOhtWvO71hOzSlpZrHLWe2xGpfLw9nL2Va82Ldddpry65eX6nUtRALQHk7ce/W5xrQZMyksi5Mk/K7q244dvQTOtGlt0q00qrPI9tufH710uZrj21WHXU5cu+yDzc/bTj5/oa5dPPrxe3v5PZxz600AghNbjg9DOefXbDy9fRLGTNqIQMxPy1uXRnj37p5HodzWdrVtVdDRnS51WrUm2isdXnxr1PHfRrLy59Pbhnprqy8/rcZ8t9KexmdiY3w7alg0hcb8XW918Pp59Omalz5undIkqQST8taujl061zzc+ppbYaqaq3SOO+hryde+qYx5vobi+bU78M+noEZ4cvX14459++mZvz77YdeXbyeL64SrrNJLqTl4fX6vHjHs63l5ntRYsGNMqmakj8tjhv07ufL6O1vmnsS63JqjUrSqrj3rPHn69tVOG+2pU8nq6cu1CyXHl9uoS6L5sd+zUYnS2M+e+ixaJXDz4+nqTSQ57onHuzLCKhmI/LW6W3g775Z7bjS6NRq0NLNPF29QlapY0UmtWNC2OHl92yxV0GmdWFifP6+wWGpWJz9KIpny+uifP327WQDKzMy/MbjdZ5X0NjQus71JpsVaVa48+Z9At4Y9Ntly1orPPp2Tl5fbqrBbNxbi7JKYz0UqwaZ0jzz03KwqeZ12lkXITI/MavPoY5d+pXl9tGrNUbS6WitTwXv35d1FmjN4a7PP5/p65eT33YlVKXzvUhzvUS1OetmVsqL5PWVmgJXkz07gzRkST81m7HPj2ejU0m6XQ1G01TVMx2SbIV5+Pvqefl19S8+mqtFFxh3FaiUoqcfL9DURKBh0lvk9Os6zFW8ePfSUQQzD804ydeq1pXj7ei1dpdUKXVs8/L2bS6JLphutIK1WlGdNM7scO3O9azfP3qrPL06bIS2SL5/H9bKlWeLv0aPPrpAEEuY/NOdjrWrTl06VporVSrdSt/O/O+/8ASJeXa2ZcOfXp2uglWrasfK+q15M+jvm/P756d2uHj9fdm2vF5+/vRDTJPHNb9b5Gs/V08mOevdXn8z3kJpkskPzO88+4zd2bVats0tKtpa8/Xpozy9BDn1aNaWHDPo3x6dF5/P8Ab6GPH9CzWPJPZWuN4euwVz6yDOwOHZtjOqXy+nDSUkuS2ZVMpr81U2s8ffvptja6LG7crNXRbcTnvu4b6BpGovRx7Ty8vo3n4/V6LL8/09683pqy3JYAtBCUWWiXKiVIXNgZqxcSs385zvZWOGvS1efn9ezQuwtUtPnT6Ot445697KoqcvN7d48P0d0tDhn0vJr1zUUzpTNVYAktJNWyyWECUiUQIkWT8+5dbpOfP0rrHPvottaFLU00St3l0Kozu2UaqXlPRSfP7Z9vP530eyGkKrKikoiY83H6OwpZEIBjn2Empcykk+Cxw0vfzvTdaSrLq2hc7aU0s0VVLOfXE6meabqXp00Hl3n08emlGkBrNACys+Ln6PUojSRGsiEUgIGT8/oY1vxde9ugarS6llmqTVXnvHXOrVprPD0Gpd5W0TVHnnpQx1aSaBKWJKzq0ebn6Oo56quXSgmdSS2EBID4INPPvpWmdl1RacZ6vM76ppKay6LTwveWXQtTQsvix79SVoC1ELZAlFufm+3vJZbKxslxQ8d69WapEGD4dVNOHP03V5cfVa1eS65778ceqeX1rbPFn6FXGtq0zw9Mml1FalsoeHfr05YeqXleHp0BEudSpNFtiOXHj9GAAGfJy9nRSCxEy+JVDnq2nHvVL5fY1NTh6XHW9aLGqce5brnjqVqloWxWPN7NSfP93Ynh36dQWRZEWg1UM44+sz5XqtnDn6gJjoXNSTUuU+IWxfN20svHp0qmXXlrqzqzHTTR5u26s0Kvmz6das0VS2Febx/VtceHug59CWxBOXLHtudWWuO9HDfSyTPQeZ6cOPDpjrn02yKghn4milZW3zN9xpi9c8uuuGPXw5e3Srjek4+f6FB599baugstKvlvoq8nZGOfcUZU57Qg153TtnTl0i+d20nPn3B4PZqUJqM1k+LU1qWZ1SUpTye15vU4azjt3tb5cOzvwnXWlTl4fd3F1aRWlHk8309RbZc48nuC2TUhw10M6i54b9E5vP36ufLh7txjl2XLjyz69WiS3NmY+OLaBYGppwzvry9PLl3b3ZdMc++wWNZm0XK8uvP1JVtWcOHuqVVyoLBLJy4e1nUSvndfZRYyNZxjdupePTn2QoM2SPi6FlsoC1fM7bxvVVWlltVNBQqCynShd8+Evqsvku/Qc+HbqpAkcd7sDM8Xq7WFiyARNpm1mqiiZPjaBah5/P27dlWFpapbRVFLUqaJWOOb692Wl48L7jjjj764cOvXqllgPP4uvvZk1ZPB6+q5aJUpkTV56aiWFlMyvi2pVLNef5193qFNStJqaCqq2WqrNssrn8/6XLp01uUl49tKcem2p5vQqKIHPHTTITnOqylQqZ0DzXPqQASF+MtApY1c0oWiraKKpbSGkty4depq6ItFCgoWIEi3MHnw9VSo0zaATj4/V6IWLLkg+QqpoBSooFq1VUNDUqaCaHzb9DVVtqQatZtsFmgRCEBm5+b6PWlWLKWKR5+nn79pAjNWU+LpqVRKC0UzbVUNVDStLJqKoufN26aK1pKaEtA1nQZQCQsPFu+lCiw1LLMefGfbogSFg+PoqrBUoal56tGgas5L12stB59dra5eDt6eqqrSlsuTaUCRmzVioZ08vXn5PpKkpQtyllePv2kgkWLE+UtVQllKJxvYLVLbzs6tFalc+PdbajVZaUapaKsCEXNTQAlxy8Pf2rDLRY0ZajzuuoZqEKj5aqoFQahy5+lZSrWpvhvbUW0s8GuvoNTz+lw9BpKUqqtTNsJKK1KGdJZ5deP6JSVJqVvKHk9U4+lJkhakT5lDUqs0agolqVbRqwtl0TS4Waax48e3rUsuqJqpoqSGS2jWVIqWcuHbpc0ZtS2alHzvD7PpWRM6lyor/8QAFwEBAQEBAAAAAAAAAAAAAAAAAAECA//aAAgBAhAAAADnSoWCECRYLLFAFQJUBQWKWFk2AAgRYgJQBYollgBYKEtio0AAQg1M2KhYoAAQssCyiyyUNAAIIVksUQVKCUELKgKBFWTVABLBLbiUASgSpZYLAsCypYUTSgBLCGmFAAlEWBZZYANElgsVaAEECwAAEsWCwFgDUsgCy2gCWILbgACAAsKllgDSIApaAJYgLAWCLKEALZFgDRI3gFLQBAi1IlAIpAA3mAA0RN4m8qVQIBBUlABLLAA3M2AlS2mbJvKqUBAgLALJYKQAKgqCLbIsi0VQCCWFQllECiACs1YAupIRVFURYBBqQIoRYqAlKgATVhJZVFsohYIS1JRLLCxUAS1AWCFaySrFWxSACCwRZSFRYAm0gAlLchbEuoqCwCFuRLAAAXJogASrYAi0UiwBCyWVAAAnSYaIBUFrJG5C2hAASNQgsEoEG5loQF1iGzF1M7ZLSoCwSwqQsWWAIG5lVZoW5FVnTG5C0pABKl1hFhYACGpGpUBbkok0lQ2lEsACAliwBFgVJbWaRbkqoqVC0ogCUQEABZFhbJqxlRWaVrIBNJaEABKkpKgHXGHSYumF1JFlXXOibyGriXaCywAE1JNIgARdYLF1GQs6c28qRvGriXaAAAgLcoAWRdZgq5ALFm2bGsaSNFsAAIsS6ygDVYN4LIsAN4VA1ctZLU1AACNMrciATULLBGoQXeJvMLKAtlsAAEqFgEC5bZtRm25JZdZmpKAWNWAACALYAyNZllpDRkI3lrIAFtlgAAlM2kF1mBDWK0ZpAlsakAKi1UABKjWYtik1IQKpLKkA3mamaWFIpQAECxNWTUioslWIBtmA1M6goBKKEoCCwrNpKluY1c3IltSAqaZVKA0hLKBCwWQFEt1z1JokGi5QNMi1AChKBAW5qEssol3iyVCyVSAsLNIKgqWs0lIGunEi2S2LI3ixYAsoSmsLLrIA0gSossFuQmsrZSTZJLLrKLYJbNM1lpAE2yoQsWLZAazNQC5qVRIusiXWSLGklBNJbAgLEs6a5SoosiwaSjK3NSrm3LWWklEsqtZWJYKiyoQqjLVyajLbMFEstzbIpFEtLAlgC5azYspc6jUIqpEoRbLFuY0gI1ZUqSwsCysrYUkN5rK2Fk0kU1mpWaAC2VAhUuasqSosKjUgVFKgLJQVAClIEVAKgFllyFSxQWEUmsqW5WWJbRFglgXryhLWVCWxc2xUl3mAtzqSs2wAosCWFg1JYWBSTTOs2xYlslCwLCwA0TWVhCos1lUEtlzY1c3IKALCUEoBNrNYASkLEUFEjSIFlANZEoSiFTSywALksWJqAljTNSglCVNJKDWZYopQhSBLFiaQENXNZ0gKgTTOmdJUlA1AVChJbFyakAKgWAsFZ0lSs2s2UKCooJCwAW5CoS2EqoNZAI1CUNQp05ywCLCwFsg1JZNIlTSFuRKlLJQloKQAgAFuQBCykthblFRSwAoALASoFRpkBLKIoRrWcipZq5As1AEVKlluQakVAligCFmtYipZVszSWghULAKiUsW5EsqKEqLF1kQLdcyyq//EABcBAQEBAQAAAAAAAAAAAAAAAAABAgP/2gAIAQMQAAAA6oABRQoqWLAQAsWWWAASxZCkACikqpVgBAABZYEoiosSgQBZVDOqASoBKlAAAEpKglBBQURRSUlQAAAAsABAAAFEmgCwAAAACwAslQAAKEUAABYAACyyFUQQWABQJQABYWAAFlSpFUQIAAoIUACwWVAWABSRVCIAAVKWAACoAWWAAsrJSaIICxYUsEmlgApAsUM0FAkVc6SwQLFAAALFRYsUAzSooCRqURLAAosVCwCykFASoqBQIqUgSwBQKSWwWWCoFAlioolGaoIEAWUKGVqWWBUCgIsqKASyrAhABUqiRbAqUSxZQEKlABKCCRQKhVEWWAVCgAQsoAGdAkpEoCpVQmoFhZUsKAJUUAJNCARKAUAAWWWKRQZtIoEUQoSUQACgqLFgFipQRSWUSs6EKi5ogACgqKEsFSgEURZQzoRZYslXIAFAJVSpZQAEoRQJVkKgCSgCygFlCUAACpFABChBcgAKAKAAZtAlSUoJREoAgACgJRQAYukVFJQDOgSiJVxQACglEqgAM6FiFAzpLBWdSWsygsAUAjSUBKM6AlAFhJqVnUUglIEpSxSSlJSS0lAKhYlCyszSUysFgAUzbZLYUAJQALCVKqADMqUASlIoWBQlSaQUlVFzUoCUMKFgAWUIohbKzoIUhSwzpKsAIksqwAFRRKDOgUlIWKAWZuoACSFWABZc6AJZRYqWAlFDOktiKErIAAFllJLYqUAUBlaCUlgspKyAlAFlhYsFlJbEs0BJaCVFgAMqlIoApKAhTOpRLRJZaCKSULAkqUlFgJSgIKzqUUCBQEllFgiLFAASbBnSArOpQoQFJZNQZ0BCKACwJpKSosKyVZUs1EosmpKEVZKMqIoLBFKZ0IUliosKSiyagEoIrJYoWADLVSgigQCkoJUqVFEoglSrLBYli0WQKiywqFCBYWWwAIhYqwAlS0BKM6SwlUCKgsUAFwFhaSwsEpLZKolSksudIWCUsoADKwoAWFypLUpKlAAgUlARQDKwoALLJQEsqgJQIFAAlBLcBUoWAzpZZKBSVKiwrNsoixc2pQDIKACyUsAQtzbKlQsKJZQlASxcrFRQssJbm0hLKEpZUFSomgEVLKlMiVZQBQSwQoigsFhUlsoRZQSsgFSoUlLLnUAIoLALLJSkKzVlDIBUpFWLKRZZZUTWbYqFiwWSlzbJaJTJYCwCpYtkWgIsqKlJUFixYrNKDIBYCgACWiLFSgikmoKlJQDIGNrBSUBYuVoixYoIqJallipZRKyALAUBZZWVolAASjOhFEloDIAAAoCyaJZQABLJRUssloDICkWLLFFkWxZQAABJaBCWxSXIWFRSUAC5WxQCKASUFEmkoP/EAEQQAAIBAgMEBwUHAwIFBAMBAAECEQASAyExEyBBURAiMEBhcZEyQlBSgQQjM2ByobFDU2IUwXCCotHhY5Lw8SQ0c7L/2gAIAQEAAT8B/KEd7j88x0x+eY+ER+bo7pH2hMwQw5Glx1OoKnkanOOwj82D4XEzlWYxWy92sV8NwRmrjSdawsbJRiC0+PH84n4cUVtQDRRWW0jKkwghyJ8p/wCDuITcgFKZUH/g7iswAjiYpGxC0EdGn5wPw+5RxFAqdD/wdcXZXRWyf+6aGA4JN6mTxWsNWWbgv0H/AAdC2ZPhk/5jjS4qARJ9Kw8TrYkKT1qVidVj8ryKuHOr0+YVtAfZBNISZkR+Qz+WNhhXl7esa2OH8tbLDHuigqjgOkPLsIyHH4xPZscVMTEbUQIBoGe1n8lMwUZ1c/BP3qcT5R60pngR0YWjnm5/IjMwi1JpSSMxH5WjOemZ6MD8JfyBj4hSBoD73Kgye59oz5E0MRD7wq/76LvdmKBXmPyyYOtRGnRhez/zMP3/ACCQDwFbLD+RaOBh3KwUZUMNAZtE/lc50WgwhJPLWiuO+TWx04Xst+t//wDX/BomBMVtUOWh8aEVNXS0Dln0YOW1H/qH9895hPGKtb56sb5zQ0+IT2QdTMEVPxxnVVmlxJey0g2z3nIa1tsPIXDOa2WEfdrY4fy0BAgdCfi4w/Sd5ywViNYNKiNnM/WibMRFukGcvjDOqxPHIUWUanogchRRT/3FKpHvE/GsXDZ7YbThX+lWBJzukxlS4apoO8v7JynwoYF7lnAGkAUFCgAbn9c+Kfwd91wryetPG2sMYQbL2vHX9+3HwnHV3SEjUHOsMPcxcZ1DBcNM88SPpTYiKYafPhSnEDsqm5QBrW15qw+lBlYZfGXcJBOnOi/sxndpSPcWXiO9NprFEvcAmMTnnlVmJ/dNBXI/GPpQuGIq3k86MbdP0N/t0Myrqa2i0DOnSXXCJBBg5zFM21i1GyYG4iN17ibVMcSf+1EOgLXT4GlMgHn8TImPCtaVVXQfHDgYZ5jyMUiKuneiAdRUR0FM5BIpVC0/t4R8x6//AF0KQMVg2vDy8OhPxHI0y9d3PcxS6G4aGAfCrXcQcQR/jQEAD84YpbLW3jFKjFjcbkgW1hCA0aXZd8menG0Q/wDqL/26GVWEEVsuF7RyoQBA6S5kqozjOvvRwB8qUhgGG6ABoO6D8vQKW0qLdO+IpUvyLSPr045yw/8A+i77DEBJSDPA1P2hvdC0i2qBPxp2i3xMVhn2/wBXxy9Zj+KDibdO/wCNoh5Op/2/IZUGPDOtPjc0pfC6uzLDmKW93DMtoGg75h4dl/WJnxoYaggyxjmej7R+BieXcJ+JGhiM2aeppLveI/JM9u8T+JFIks8szLlE0cIZQPU0mGweYAHIViicLEn5TQ0Hep+DMJGsVsv829aH2fDAjP1pVCjL45jMVwnI4Cg3sjn289oQNzXKsEzhJ5fkDb4UwTQxMM6MKDoTE51cM4pWDCfjhElfAz3ognQxWzbjiGtmPmb1o4SnWfXomvs/4S/kA4ZWbRINLhraAygmlwwuKSBHVoI2ZHtAn61hKRdI1b4zPwPB0b9bfnxy2SrqePKthh8RJ8a2duaenOpymlYMAee5PfMM9bF/VP7fm6e2xmCgGY6wFbQe7nSNes0dDWF+GnkO6x2U1h+1in/P+PyDNbZbmE0CCJ7qPgmOVGGSVkZZVOWamPD/AMUvtyJCgUeNYfsL5Dvd6H3hV68xVy8xUjn0J7eL5ipFTuz8BnvQUCfH40alFGoFbRTkKb2T5Unsr5DvdifKKsT5F9K2afIK2afKK2ScqwcJOvl75rZp8orZJ8tbJPH1rZJyrZLzb1rYp4+tbDC+X962Cf5etbHk7j61Zif3j6Vs8T+8fQVZif3P2qxz/VPpWzb+41bPm7etbJOVBQNB3Ke5js3Y3KsxNObM7862ifMKDK2h+FzusYUnkKUyoPOpqd6xB7ooUfZbyNL7I+AYeuL+up79PwMop1ArZ4Y9wVAHxD7Q9mGYGZypcbDCATyyoYjXqGWLpj6bz3Wm3XhQfCGTzP8AlWESWaAbOE0dD9aX2R5dxDgsy8o/fs2dV1Irb4fM+lbfC+argdCKH42J+lan854tthuEzlSFJiy0+IrXFW7UA2775AtGmfQdDSewvkO4sDhYpxACQ8XADlQF974lwAJiTGX0rBEJxzMjw7Bgx0aBS4aLoPr0GOMUcJOAjyyr+sf0jtDiIpgsJ5UzXeww86R2LFTGQGY+KEga/EnQOINW3La1LhQ4YtMAgb20CmDNHEw2BFwzFDERVAumBUys1h+wnkOme2ZrRNXTqhoMGGXZETxOtPhs+Vwjyz6G/Gw/I75YAEnSlcExx5HcZGulWH1FDCX3gCeZFLZ7kfTon4lirchFM5WzzE/EWEiK2bcMQ1s2mTinfgchUDl0YX4a+VGYyr70/KP3pVjjJ59swDCKt+0zkwjxzrDSwaycyT2JAOtXvMYbX+Yy9aTbAy4n65Dof28LzP8AG9iYd8cxRTFK29SPrWHhsubvcYjluYl9nV5isTF6qgBiZEiNawQ0l2ETAj8zT0fXfabTGtYbMyAsIPRhewtTzrbrcy5mI0E9uwYjqmK2eJ/eP0UUqW+8x8+wZguZ0q7DxOTVl0SDMHSn/Ewvr/HQzAamtqkxduIWxFuLR4DhUsMQLdM/tul9AmZPjVzKVDRmeHxQ1s/82pVj3ifiGKWCNbrQH2c9bLzJpGU4n3Zyznlv7QTCgnyq/mCOhNPqegKAWI49uXC61e39s0rLMcdY7AsBxpsJG1UVsY0dh9aODOruaVFQdURT/iYP1/joJKYjMR1SBmB/NNiLigoucjcxRhlp21p/xrCtB6qsZ1Zv/O463o68wRSJ7xQBtMqCgSY1+JGtp/i1bYaWtNI5JItj4iRNPg4I6xwxlQAAyG8cwaDY+GLdndHEUNq8XiBM9Ce/+o0HBxHF3KnxlSfDXw7fHvFmIgkg6eBr/Vg+4Z8dKWcR0bPqznpM9g2DiPiBiAnipzpQVEXE+J3H9rCP+X+3Q6K4hgDUAdLKr5GgqqIAFEgcd5gTbnx+KEODcuc6ikDSWPp8RmmW5WXmIrQRvubVZuQnpTV/1UcAFrgxHOgqRAA7yTAJg/Sh9pwiYPV862+D84pPtKyVJJ5GNR9KGJJHUYTxNY2i/rXfLqDHHwo7JmW6fCQd27EZiFiBxNO2Jhi4kHw0oGRPhv3uDBX0q5ssiKB62uc1Of5kYSI6U1f9RrEF0DhOdFBlGUd6ZMTEye23LTXoYEEONRw5ilBPXb6DlWP+ETyg+m+DiYa27MsefPzqzGxMntCHgMzuumLP3RA862JJBxXujhoOwiomDRRW1oKBp+XUZrMOeOvYXLpPQnv/AKjRdQYJrExTJAYTlAiZ7QHcxGKqTSk7XEHkR2v2gxgYv6SPXLtp6D+SJ73NT0FdBwBnexGKoxFOjWEjEaa6xFqqvmOHRh+9+o1ANQq5hfSla4Tn9e3IkQeync+0CcF/DP0zoGQD3YzwoHM/kzaviMRhAQPeNR9pGcq3hWDjriyIIYajfR70Dc+xOIoa3Mnwo4hZgq5eJFIxJZTqN3ZrOp8q2qiTaYGprWsPQ/qNO1pUZZ8TRxI0ee3drcZCTlaf9qvUrcDlWE7Ew0ZqGHYPiW5WsT4Cr8b+z/1Vdjf2x9Gq/E/tH1FXv/aPqKxXc4TgYZ9k0r4tojDEZcavxf7X/UK2j/2jV7f2mq9/7R/ar344Rq8/22ou/wDbNDFy/Db0rbL8rf8Atraclb0rac1b0rb4XzVt8L5xW3wvmrbJ4+lbUcj6VtV5H0oPPA+nQekak/C46Dh8VJFC/jHfWFykTqKTFf7INni4ZOeTCn+3z7GGfrX2JH2j4jeW87WIzcqwjGGAcoGdLiyR1TB0O4yBxB0r/TAey7g+dKk5PfPnlT4YW2JgnOrWw2Yqsg1ZeFLjMUqqug3ThITOh8K2CfM3rQyyrC9n1rI60qYIY2jMb09jiYYcqZIImCKWcQ27RSPAa11b/GO1+0tGBiHwj1ypclA5dqXRTmwFB1bQ75IFSx0qxvnNLeMjn8Jmg6nQig5uKx9fgDKre0AaGFhrogoLDMecbxEgg8a2M6sSOVRmPDfMHXsMRyCqiBPE1axm85Ck46xwJrC0+p6AqroO4DDlArcNI/2pUYNcXnKB2v2j8DE/TPpvq8u68BHRO4HYzfi2n5eVDCaS20OfhSIFkySTxO/bNdbhV/WH8fCsXDLEEHTgdDUCwl0AI5Vgg2ydT2BczC8KVrgDz+AOrFwbjEcKbamBHEdbsEnrDkeywvZ+povBtgk0WccFPhNKZAPPt9k391qsFw+8by3WZV1NB1P/AJ38X8LE/Saw/wANP0jef7vFvnqHXzrq4jlnXqx7wrCELMROcbhxFnrocuMVt1N3XN0kAKJpbrRdrGe+xIiBW1Tn61ehOvws77tas1bin3wPpQwnDN18jQyy7wrBluHYNiKhAPGrySQo0pHunwMHti4XWrsT5B9TWHiXEgjMa1g+wPrTpfxzoYR95suQy3J7QMcQSDC8I417OKkNM6g8t1WAxGDa8CeVY5kBR7ZIt3GXFLSMQRllFOcY+yn1mhMCaJCqTyE1giMHDH+IpnC5ZknhQxMU/wBKPrStcJHScs6ub5R9TSPcNIgxunFQGM55AUrBtNydxl4hqBfW0VtOampn4TiZoRSiABvMtwKnjVuLEXjzigIHeQkKqg6HsCJ1o4EGUcrWGgUHOSTJPbYikgFZuGlR9pcZkLWEmzH8mkW1Y7l/p8PhcPI0mGqTHHXdZEcQ4BHjSYWHh+wgHScZh/Rel+0K0wj5a5VtT/aelxJNpUqfGvtH4OJr7JoaCsZMUMMTDbwKnjQLn3T/AAKQWiOllDCDTIoPXxzA4TSMhEJGW5ZfiG9ZHDlSJsw/nIApQesTxPYWg9EseFAQN0mBNAyJ+Fkur6SvhT4qm3UDjlWGwZuqTb3d8SCQFmBJpWkAjiOjIbzOFEmrm+Q0hUiV49vPdMX8N/Ktd0mAT4VtIwNoflnpbFjII5+lIrF2dgBMCPLnTSVIBg8KFxYMwiJy117Aicq2acFFDeHbOpOf7UqyJ6ympLNadOfwRsW0sI0g9g2JblBPlQZsTMZCkyLLl59jPaXLzHQdrcQFyPGlyYrwCiOjFV9VAPgawlKYagnTddLvA8DX/wCUMuofE1hpaMzmcyewNww8QnmT+/e550rKRkRu+FNhzgjDy0APbM0QBqdKMjM4hH0rBZjddny3bmb2RlzNXOMQK0ZgnLw7hs89fp8EKqewIBIPLoUcZz3pqantDmDQtEE4Rnyq8nTDasJMUBbjUNtQeFtTLFZiKbqBczqPrv4jFbY4mgZz7BkuEHuE9k7WKWrELwCUEAiRNSz2lUIMjPujKGGYr/TrdLFm8Ccq03DQX7QAFDIB5UmGFkySx1J7ImNd06UDlPwN3C/9q2kaoQOfYMwXWrz8hpHVpjXj3lkVtaGGAbsyfHfcTHhnWECqKDw7i7EFfE1dmBznuDC4RQTm5NB0m0MJ3ZLFlmIplIXqNn45j60pDKDzE91nsC0VLRoKVpEx8JxAwYOonwo7d8oUfvWzxT7WL6CKVQo3nUkhhqOdbXGOWx/esNIlj7R7+XAcL4dLPAq5xbdbmYy6R1y3WIg6UC02n16VaS3gelWunw3mUMINW9cHkO4ETRwngqMQwedKhyLNMaZRu4mEH862bHJ2y5AR3Ge1dLuMUEfjiUBG4a2sZNQa7Ph8DZwtbVOMjzEUpuaeH8/AcSbGjWiSGw+RneH/AOzi/pWKDuYIiCYjwrGb7zUhYEnlVuHiZKoj5qTCROAnpxEBz486RMS65yNIHTha4h4Fv4pptMa0uGLQyEg0ge9mYASBvXC63pbEUCZGXbjExLbyojwOlS5F11vIf96VpVSeO4WCiWIFDGuZrVLAZZb87mfdJIB3TnVqjgKsXkPgbpdBBgiiJUjLSsEEJBHYBpLDlSNcJ6Z3j3G5RlI3Ww1bM/tQVV0q37y7/GNx3VNakVtEutkTy6cLJB0RG+B96x8B0Ykm0ZxOcUcHDIItHp3BmCgk0OkkAE8qkMJ4EVEd+mKLpzoOpyndOILgJoGfhsQSedKIEbpZRqa2nJSanF+UVGIfeH0FWt/cNWH52qw/O1WN/carXHvT9KuYar6UrKdD2f3hGzs/5uyYXKV50iKswINWQ2H4KRTYTYmT22gzpnQwcMGbejC/DXoxAShjdNbQE6N6V/VP6RTYiDU0GBzFK8kgjMdvezewBHM1OLyWkcOJ5ZHpxPw3/SawXlIKxblFHFhiI0IBPn3DLtTdwqFHtH1rKoVtyZqBIPwXGMJI4RvHIV/qsLjI8a22F84raqcl1pWabWidcq0xfMZ9JBPHKgqjh2O0UcaKqa66/wCQ/egewJC5mlvZg2i/z250NYX4eH+kbxxsIZbRfWtvhnJTcfCluzLenKv6v/LVkMWVonUVGJ8y+lBY458z25wgdCy+VbBjrj4n8fxSqEFqgAdOtNhAmZIPgaGEitdndzJ3Z7Ge4EA5GhhCfDzoCOmxjnNtICBBj4JtlmIbzApXDyRpz7EJDSNOVFJe7/GKtxbgZXKlWMyZPZs0KTyo4jW+7pzpL7AIERSiABy7B746prYk6tS/ZsJdJnnVzKVVs5MA/wDfemsQkL1fCkcl3HKI3Q03eBjoOhrC/Dw/0joDl/fC+HGlY7SwsD1Z6YUcBRVTqBWHkXXgDlTe2h8+5lftJxZDAJO602mNYra/Zl8DyIzrDaS0TblE/wC3fWUHPPzqQP6tBl/uVtE+YVINEww+CjCtmGMcqRAggd4VMMMbVE+FXe1EADnSGVB7OB2AUAzuhQs+JnoxTGE5/wATSiFXy6MXCTE9qkw0QdUbox0Ma56SKf28P69GKWCNapP1oFzqoH17cMCJFSKncbae6B9a+/5J60l+dzA+Q76xPCrOcVkKLAUFmZ41Z/k1XKvOrspoEHT4ESBqRWJiraQjC7kKUqf6bnxNDsCwEeNKQwkdiS40g1tOakfv/FAz0FFJk686swyZGHf4k0rBh3Zndf6cj/HWlx7xIw3oYqlJcW5ka0t5YhMbL1p1K4OJLST2KBQsKcqxPc/V3LDexFVmzHu8aCau4k8uVYa2IoO7evP9qWyOrp3+JoADh0yqkzxpCADSasfgRAIgioVBMCpnsSJIPKkW0RUz0lgutbRv7bUGDCRRMDjQxEPH1ojE5g+FILVUch0thyZubSIBoKQoWdBSiBuzRYiMquMxH17R2YQFWT50XcWyh1GmY3AoFDLhWILsNh4GhMCrsYkxbrHlXWw7ySSMopmWM3t+tJtWHtjXWKURxmi6Ae0vrSYiP7QZj5ZfSsNes7W2zAj/AOqf3P1CpAzPQdtws/eluAzM9sXhoCExW1Ue1K+dYV2zS7W0TuYgLIQNabFxRlsv96wlYXEiJP8A8n4HrWzXl8ExjC+Zq98gmGT55Utx9oAfXsMVnEWzHGBJr7y0tefqKwSbM+HTiA9VgJjhW1Uaz6VhNezMB1f5rEdk60SvHmKvR4EHPmKsUGRullHHuWQzNYclATxqKnO3sIEzFMLliiFOqg9IRBoi9L+5+oU/WYJw1NF1XX0rac1I8+3t61wPnRIGtBgcp3XxCHVbSZ5cPgc/DmczCrJpTi+8i/Q07hAK2gPsgndsQmbR0jdM2mNYyoQo/CM8awlYAzx4ct7aN/Zb9qRrxOW4Ls5jwozGVRjjih/arnGqehnofEKTchjmKfFRkdQc400oZdECZ7hie7+oUyBs5IPMUVxVe7Jp1yzFdbEgWkDiT27hpUjONRNMznTCaRppWGrlziNAJygfCeFBiSPhjLxUwasbjiGjgrkeIM5709lPGlM5+m7tPlUmkXNidT2DHEXRLh5511HMO7a+ycqx/wAM+Y/noxCQhIoHCPv+prCMoD59riKxfCI4Nn0Ynu/qHdJ4bq3PDXQPCusuIFumZ+n5JIO0U8M6w5gzz7Y4SHhHllVjjTFP1E19+PkP7Ve41wj9DNbVeMjzFDEwzo4q4cxVwHGtonOr2Oi+tWz7R3WYKJNKytoZq4B3J0EDfYSrDwNLdiC03Qqx5tSiUW4Z5a1jfh/Vf56Jpxh5XID9O2bERPaYDzNbSSoUgzWJ7n6h0EwJNbQcm9Kws1y0kx25dR50HQnx3WwJPVcqOQrDwlw5iSeZ75co41enzCrgeI3rlHGgynQ/BSYpXuOU9ygchRw0PuCgiD3R6dgchpNQW/pAeJP/AGoIBAYz/HSWAou+tn750DIB57l/3tnJZrH/AAj9P56GdV1oMrQQdaDAyJ0qc47Szr3A+dHCN9wMaVie5+roZQwg0FIWJPnSLb2xmDGtDGw8MWv1T40cQYzrs+B17Kanu65sTUDlViHgK2a0nEdObeVWKOFET2M0O9kwJNAgiR3F2CLNXZgcY7N2xA6KLYPMUFjMmT0urGCpEiiv2g5FkA8NaGQjonot6130p1vQrz6EQhgXuuzzmRVrBxHiaOGzupOGBzIalwkUzBnxM7kgid52xSxEMBwtjP1pTijg5/VFffM3BY+tLdnJq0lweA6HYiFESTxpkEEjNuc9wOGjGSgPmOzOKga2c62uH83rVy63CsMPLWYkrl7Wdffc09K+/wCSUjXqG559yAAq5pIyq8ccjSmaAjp06J7xNTu3qc7h61iYqhTGIJpWlVPMdOKxRZHryrDB12pamdRqRWGsSYieHccRS6QGg5Z0V6wbwjs3XrS2KfADWgtuYwyf1NnSNcJ6bhdbx1oNM+cb09gBkqxpidmwuEZ0cDCOqz550MHCGYRfTus9C4gKKxymNyMRXLKJB1HKhihjbDTyIqzDPuL6dE0+JqiHrn9vOgLVAHAdzgViLIpJjPcOlWPzy5UNNO/HAwjnYJ51YtsUgtUDc2WFrYtBUGijsJPQQTo0ULuO/cBqa2uF84rbYfzVtV8fStqnOtrhn3xUg73XWepM8Zp9rkXgL/jrQAAgdNrbVW4WkGkEL6/C3xbSV/xn/bfCQoXlH7b5cLEznyoEESNO7TFBp3CG4GpxOQoTx7872qWofa+BX0NAyJ7UuBqav/xagQRI3Io4igxqeQzqcVtEA/VWyJ9tyfLL+K2OGPcFWqOA3IB4CrE5elPOGJBy5GhpuXsSQi6cTVk+00+HDtAfgkCSeJ17UXYgukqp0A/3qyMT22krlxpVtGs5k901q3ETQ5ULzqR9N1z4igXMxQdjllNXsuseta98+0HEHVmQaLAD2RWGZRTEeHahtmzFwbuetbW4gIpPjEUi2rG4RIigAuQA3p6WaATyoGc917JHVlqJxVE9WBzoHLobEIuIAhdau6wXnPQSBqe3nfvANvGkMqD2rOqCWNDFwzx9cqvxG6ywBwnjSNcobn0GYMU32llMHCOWp4Cv9V1gNm/jlWA4c4jAEZj+N0YjEXBMv3qZ3dkR7OIQOUD/AHpUCzqSdSe63Sxq4c+ic43iqmrF5dlPc3RXEMKRcJBIGR7Yt1lHOa137ySIiCY3NogMTuDBEakHPMcaAgAbuLs469BMIZkOfOeg4uGDE5+GdMQzkjCYkeMU2uGfGOh9oCSigyIzNKIUDluSBrV3XKxoAd12frWkdXnTmEY8gaB6b8Sfw/33oEzWmXasCYIjLnVrnW2KGBhDgfXcsW4tz18aXBwgXt1iKRLAc8yZO62Fc0k5cQOO82IqsF4mmaLRz40rG8qeGfdCikzVuGDGU1YnKgucyfgtnVt3ZHPo20e0jCgZ0jeIBieBrqpnzO9I50NmjSH+mvTcOYq8cATStJIgiOgtiSYQfU60r4jjRRnzmuv8w9KlrgJn6bjJJDCJFFftHzr9BSo5/rN6CgIrZNBW/qmeGdFQY8M6c/eBSYEetYpVMMz9Oe66yPqDQWHZp1j9qHSxCiTl50EV22kHw8axc8J/I0NB5UcRAeP0E/xVwIkZ0DI39upzteOdtYb3rPaq98xQdiLl0oGehsHrEi3/AJhNbFvnt/TlSXL1SB4Ecdx9sPYCnzNT9rj2cP8AelF/VbEaeK6bxAIgifCv9PhRFvoaRMNOqkb89s8jOKuBTWk0HwJ3CLJr788k886DwPvCJoYhLNaCaW+ZY/QbgRVM9IAGm9ikhMv2rZyMsQ5886W60TruYnsxBPlSYKTOzA8KZZ45cuhtDlNYaQWa0Dwpwx0MUojo2S8ZPmaGVFAc5I8jQULkOiehmCgknIVLPzC/uaAAyG4VVhBAI8aXDRcwo3Z6DiKpgz6UDImnwrjNzV/psLXrTzmlYhrG1iQefRhewtfeIWgXKTMcRV7cEM+NILVA39koVlXjSqbriRpAjtWwpzVip8KRQOo2PI5ARuNdHVifGkSM5JPM7zLcUbiDvY09XWJ61utWsYh2tkSDrT4aR1QA3A91uzg1atAg6dixYDITW2I9pDTM0eyaJbKKZmjMZ+G9PbkAiDpWzTx9aCINAKjMnemla4SN4ug1YU2Mo4NH/wA50rsSOrAPdXUmPAznWzxDrin/AJRFARz+vTH3pMe6N5/ZbyNSFQHypWJ92KcxB8RuFlGpFBgcxWF7MciR2BYKJJo/aE5N6UcVmyCus8SKS23qnLtMQMUha2Ps2Apn1h4U6A2LGjA+m5O/cCY76yzxyrZ+J+tDSp6S0Cr4iSIpTM7kCokR37EuCG3Wmx8bRpH7UGxNUurBGLYpDLHKKW73o3QijQCmW6M8xmKCtdLNpyHb38s/Khdxjy7g/sP5GgAUAI4VY6iBif8AuE0EzuZpPS7wQo9o6VLqyh4IOUjoT2sQf5dGIzaKpzihfxAHTPQQCIImgANB0LBxGK6cfPuWIjNlcYOtLhwZvY/Xe2SEkkZnjQAAAG6TAmlvcBroBzgf+aYsmeo/epy7kexKp4VdwHwPhT4CNzFJgqEtYA/SgABA7U4iq1pOtSDxFTVw5irl+YetXr8wraJzraclauueQqwcZPcW2vu2x405YYL3EadKlzqkdDXQY1rYz7WIx/b+KXCRTMZ8z0D8Vv0g9L4lg0nfOGp1rTtQzsAVtg1eRF6jzG4TEmmd2QxhsORqZA3Wu4GPpSiB7U70faEyQKV4Twq37Q56xUDwoC1QvId7ZknMVh25xp2Q7qDNMWA6ooFuMUxtUnlV+IADCma2kTfWlM7BwEhp1FXvxwzQM9ps0+QVs0+UVYnyirE+UVYvyir0HvCtovj6Vf8A4tW0/wAW9K2i+PpW0T5huzTNERqTFfec1oNOWh5dDey3kaUmeMWjpOIZgYbH9qvxTkFX10pp2WJcQcjpQ0HRiYlscPGsPEvugzHEdIbrFfLoP4y/pNO9sZSToBQmrMO+4nPz7rsSPw8QqOWtbJjF+KWgzERuHFIOeE8fNr/FD7Rgn3/2rbYXzrQYHQz04oQxdd9J/wBqTDzObxlHWoqMwLyw8TSggCdfgV4PumlBkk7p0NLM/TvJdQY4+FBwcsx59MRTqGFFVb2gDQw8NTIUDy7ckDWr59lSajEOpA8q2S8c/OgqjQDsnyKtBIE6UcS4qbWgZ6VfEHVTxFTdiAjhM5b5QzKuRPCrIR85Jmg0YIaJ6oNKp9pmn+KvB4E0CCJB6Yznof8AEwvrRWHuAnKKxHYL7MeNDFnIZqRwFIIVQeQ7ydvOVgFKgRAmeVffnLq/qpVCiBuFlGpigQdD8CN3AVGJnoKUMNW3JA40HU5A95MwYoXKMsL96VHLXOR4AbpvjEzPh2AIM56dDX8I8qGe4QfmqxRn/O41/uxV7D2kP0zpWDZjsMQNHVz5iaAxCIgKKGQA5bmJdblNYYN02kCPXpxGtRm5DowPwlqy32NORoL9pU6qRWGliwdZJP1rSsPGGIWjQHXn0KXJzSB50/t4Xmf47xiTY0a0pzYcuk0GBzFNiKnP6ClzExHSxgTQMgHnRGIHLAKZjUxFYasAZIkmctN2e8meFCePSTAmtpSzx6TpRXgUDVnCzzotFBmPu94mpB7revzD16dthZi7Stox9kKf+asIMAZ55T0th8VJHhNBBxu9aAA3MR4gDU1finRB9TSNcP56HZVWW0rDBC55SSY5VcTpQbMg9LC5SOeXRgfhJ0hnmCkDnNYys2EyrrSfaIulCPPKv9T98MxbHDOttOiMfpH817WP+lf56SCdDFAR7xPnugzwjoLMPdy8O3DTPh0bRn9hfqdKFuGvWYeZyrapMXeu4VDYvW4RaKZojx0qH+ePplStcobmOw2SsZfreB4UiWXcuXeTULQM7hmn93zplORGoobXw7w4uH1pVtG7czkhco40EgzJ9d4sqiSYra4R99afHWOrJzG85zWfZ40NlGqxWG0jwkxTkhCRrTMSVUcRPkKCI6qxUfSlW3iexYC67jpRdlI0M8KUQP56GWfpX3vzD0oJigAXj0pVIkkyTugQI6C5utVZjjSNcMxBGXRYpMxnRRSwaMwOgLDM3PoxcQINROlE4T5LiS57q4LLAMVs5QmxlPINWECqAHohsObRK8uXlTMSysqExORyj1p3ZuqMEmfm0pFtQAmY49LKG1rZf+o/rWx+Z2Ycicu+sDwNXONRSlpM7hE0RheFJpuFzMZfWs3H171d1gu796eQ/ehhkf1GoCBrva0cJCPZFWyIOe+Uk6ADnxoCAB0WL1vHWtMuyKhhBq1EOQz5docIEzc3rX+nwuR9aRFQQN5hcIoIi6KN4mBQvInSgSDafp2r4gSPGtt44f8A7qGIzlciq8+fZ3rz5b6NcX8DHffu+MUn1jpK3cTWzTlWQ71Y97GRnSYdpksSeZ+BspbK4imw8NBxk+OZpZgTrGfe2XFXJCY/isPDszJJY8T2v0oKo0AohmMaL2ey6zNOpB9N/BPXxU5GfOauvuMwg/2rDusWdY7qchU7hjjQVKXiPge0w/nX1o7I6sPWi63C3kaucibh5RWGSPa97jvYk2NFLN5HAAdpMdJMZcaLOM4FK1wBHHce6OqM6XCfV3z8KAgR3EmKnsTMihqe3uBnw3Xa23xYD1pGJv8ABiO0OEhJOefjXUAtyy4UGBzB7rFRluETnVrTrQEbwBDd9KETKXUi9b2cvGm9pD49AQA8ctM9OwnON7aLwk+VBp6QuJxeiuJfd7UadLKSZBirMV/baByFAQAO4OCWwzwEzSTficso3mWY8DSiPU9kBEnnQM59sVaH5s07utAAdpiXZZGOMa1ewEDBb9qwwQDOpM5d0Jig08DutNTyDVL8hVrzm29IPeS1tB1Oh7UuZgCkLbRg3HdxeE+zxo4qAQuZ5CkVpubXSNxWu9e3ExnRDHRooXAwfXukqIzGdPhq0TwrEw/ZCLqcyO3LqurAVeuWeu62MAYtYnwFAzw3SQNaBBGR3WuI6pAoJiccY+gpVjiT591LRwq5jotXMfdqX8K13J3b1PtMKR0Psd4OInP0rbpeE51avIdqbdTwoWnrDupIG7co4jdL2nMZc+hr/dIpbo60T4bxfgFM9gz4RBHteApSQgL/AL0GU6EHt2SWu+lDCYYtwAGevh2bq9wKW8s6RbRH13jiINWFAqdD3UzwoCKI4iusaAjfM1YOMmgqjgO8Y+DtBkTdRw3QgODS/ZmGMh4azukkOvIzv4jxAmJ40BhjO/8A6q2g93rUggZ8c+6spQyHluR3HMuEmJGtMcJBAAJ4CkW1VXluNc7lWMDlzov1wuQ4/wD1RDATtIrDYssncL5kRJGtNjPogBPgdKVw3mNR2BGJhjqC4cuVLiYR6x+pNYPWLPGsR2zNjg5IpHnQxcQiRhf9Qovi5dVRJjWsJma6YjhHHpfC+yL7QE8pJNYWCkElDrlJzitiGdurCjjx+laZdJ2/CylOK0nqaxU4gdgzgTplVz6BwT4D+dzEutynhprQxcHDEafQ0svi3j2QI89ye45Cg4O7I51Ocd/xWgDLUgZ0rZkct3jRxEBid+xPlHa4jMokARU43yr60MuPRfyBoGc9xhIImJoYEZliaQrELOWXSyq4hhNKMNLiE0MbpAOtNgK2pb1oYCTJlvMzulEYyVFAKugFQdqG5LHYlEJkqO3dXOjQOPOlUKoUaCmVWyI3ANYG8cOT1mJHLhQyogHUA0IGQHfI3TIkZUq8TvXKe8kA1kOVbVPm9KDzwPSXGetCNe4bRZgGfLpjFGhB86hGMODJ6WFylZq7HEDZiedYalVz113TjMHgjKY8aQHMnUncKTd4x8BmpPw0luAoXcd06VK0uuW6xgUNfLvOIBf1pilVC3VE85oCOltDSsoTXhSNC5SaF55dqyBta2MNzXzqANB0PIUxQDmW2k5UNBPZtiKONbXKYPTiNBGseFYTFpyMcJ/J2tWx71Azxqdw28YpdctN0ia949/sTWB2Vyjj2xdRxpCxz4b2IFJ1YnkDS2oACRMUAHnMFZ6C6rqwpvtGcKKwyxUFvgBYLT9ZwnCJNYiKqyghuEd4Jig6kwD3QsBVoJyFFPE0ufvGibfeoU9uuVX+HwSexYE6GOghTqKAC7hJGgmr/wDBq2g5N6VtRyb0raf4tV5/tmpxPkHrUYvMCtnzYmgijQb+0QTmMppFAA586t+8BAiJnx6LFGcD4FiqZDgr1Z9qlaAWYHzilw1m6SeXh8QKqeFBQOg3A5KKEnv7XcOguoyNT2ZMZ1tAOB7tYsGdNa2ic94Op0Pf8RC4A5EGtm59rEkeAqRNvLdZgokmpnPdvW62c9e2nvRB4mpG8cu2JzArRhE9DnOLorQSGoZgb87t2dtXZxvsYeW9nhV+16q6cT3bFNwtGZqGt+8IjkKHwRgCM6G1b2HNvMisNbVgxO6YOR3oA4bprTLe6z8YH71YRo5+tI1yg96kA50XBy3WmrD8x+u+xgUUWJ/el9kUTFbRfH0q6eB6HWeMUuHBmT02seCgeFab1+P/AGxXWaGnjoN23MHlUcd8gHWlcZQNe7Pi2NAH1pLWzuuO4TAJq0nMk/SsMyDnx13GYKJJoMpEgijiddFBGc9+drVmrcce+p+lF2b7u2GP7dyNyEwsii+KwgIVPjSAKAvehnrUjnvXfzvkTWyUHjuT0HSlafTpJho8KBkdresxOe+RIq32fDuxYASaDIWHVIPDLc1oo2SX9WKQKFEbhFNgIcwoFbJeqQAI7jPakSIoIq6TVhvnLWfHluE5Vfif2j61dif2/wDqoTHjuEy1v1rRxbxmd2dwEd5CDWKgDhvSo40DO+TEUDPQdRQET06bgK6Tvk5sPCl9kbunYHE1hSYrDedeOfdcTQHlV74krZulZKtyq/ZkLwO9eCQOY7ZmtGk1ON8g9aS44hYrAiOyZwDGc8hQJPCNxzEeJFXZxukgZmgZnw3cRFbMmIpEVfZ9dxmxJhU+pNWY51xo8AtWYn939qGI5JWBlxr73/GgrXXGNOHf2mdDHhWfBKF3GN8iRFADpv8AA0DI6GInPSsM9Zo06HMRy40DfFug478idd1idBrXVuABlufYWLJMmlUDPurOAY1J4ClvnOPLdCyoD0EUZgbrCQRSJASdQO2IkdmW64UeZpzhgdePLjWHkonXdyBu3XW5Y8qAIZjzA3SobWkEXcrt2ejJC9q8JoGR8KAadI8ejI1ZwuoCBFSBTMh8auUJMQKvPG2POmxZyWSaW/Un6bg6Ha1aIgJzmtonOr54HoKsfegVsl4yfOgAOG+cRBxqWZiSjHkKwwQPPh3VkaSVaJooym5mu8+zuFt1MWf2VPn28NfPCKSbc9+eiBmahMPOKS6JbU8OXSSwGQzo3EZNBq3GiCyN5iKRbVUTMDpZwok0cQAxDelJiNfbmQfDTduHMUrzI4jeZwvP0q5j7KetdYKesMuQoTAn4QxM2ilYXFZp+HLjQtitWEVqKsXlQuGVtKIWKCKPdFRvkTWzTlQAGnZkTQVRoOxfE2a3Gke4A1hu7SWWBw7Rr5yo3Ei+FHLs44dvMVf1LgCfCpxSR1becnssQKH0E6yTWE5YGeHHn29uc1s0+UUEUaAbzJd7xjwoCBFWAmdyfgn3h8BWzU5mTQAGg6LF+UVp8EOe5PYFgK22F84rag+yCatZ8205Dd2s5IJ8eFWudX9KAYe9uMyjU1tk8fSldW0PbNiImrAUGVhIPYmjhsdWnwNJ7Iy7xB5/AHxLeFbQzplQZ9Iq7mKn4dcvOtqPdzoXvxjypZDkcI7K7D5rROF5+VIHunMLyO463wJy40zBAAInhWGSWPXJEbj3aD1pdjrcCeZraLw6x8KtU8O1xSwHUGZ/alw8ROKz4isPFLmIGXHssV1yW76CkafdI8+7s1qk1NTnr39kuqWWVINXNEgUjyM/hzaVYjGAp8zUAcKIM3L9aUHMnU9jqIrZ4Y90VkN58NX1GlABRAG6+EjEGMxWQ7dlkEUFC6DshbmRFBwSY4duewxc0jnAo4acaTqkrlz7Oe7DL4jtU50rXfEsQmMtTkKOGDAk28qw8pj2Zy7uzQJpmCibyTypQZLN9Pyga65aWQn60pgknDNA/E3xJJFwA/msMseHV4cO7bVOf7UGU6UwkwOGdIZmef5RmKvn2BNCQMzPwGRU9xAJk3RmcqXEEdZlyoYiserMc+HdOEVa6iFIPnTK7aqPoaUMSb9fAUMsh2098LKONSD2xYDM1LnQR51Y3zmrWHHtdqDoCa2g5GgZG65cDqLNC/30JraEa4bUpkT8RxSQuR4jOlWOJ+prEtt1rDXDeZzPj3hXy0JNLfOYj4SRzPpQtHbxnNXr8wq9fmHaFozq0tm3pWlTO8SBrQIOnZjtp70RIg1LARE+Ipw10m08p4UitIJjj2c9ptOCgn+KFwHs/vQaRI+EnPOuudRHcGw0bUUFA4DtQXJhrh5UysNGNYenlvG0uLvp0plK8j8SYy1sxViR7I+tBl2gs/bt538TN0XgayokATWHmWI0+PDs4mgI3mEjOmdsPxrbk8KQQvn8BjsD2JUMYNbHDJzH70qqugA7tjEzR+0uBwpRtBLmfDuf/8QAKBAAAwACAgICAwEBAQEBAQEAAAERECExUUFhIHGBkaGxwdHh8DDx/9oACAEBAAE/EEtIjxXvR/6JEhMVdkIQjxEJEwkvJrROdCXLJyRCITk/AiEOtYhveYJEzEQh3omNFRrWIQpPNOxLkuJ7xKTMNfDoiX7IQl8EeIxhI0RHShORxYRJSI5NkIJYnwSIUhCLCYhOCE4RCZhESeBLRCZaW9m0IdJ5vw18JyRbJziPv4v6z0bGqRaUxrk1i2ojEniEGi8G2TGxJ8kRCNEkwsR6YlyjQnhMlg/oS0zRvZCc6IxbhEbOS8keiEeEiMiJyUi2RkXZOfohC85SxeCEK8RPz8ITgYnileXf2JEIsJckng6OSE1yJEGn0WkIkQjJwQnmLgSIT0RkLzohrsj+UzHomYtaOjrFZSiXLIb2R7IicDK3DYiEGiG94hM00eBvgWGaN9kH4+isb4UIRTgfkbcWxJEEdkJTQkQmJziY2JC54+OtF5IRYhvF42d5Q7IsVkIhHRohMbzDs2JEYkdE5LiZgkNZiZomU3wUZBERGTEIU24QjEnikpBIi6+E5I/m23BXCFiInw4Kb7NCWWsXEZPedFO2dkXRFxi4WYRYhMXEZV/SkuNsbfjKfrwbxCJfs4uixXCrfBo6YreCuLRCeITjGyEYitiRCE5+yaW8JeYQmELngiHirEImmh07TfA56ZfS+3dMaEjdHtJNrqiasu5+YdkNkZGQYmIdKY7czKsUhMqjOzQsQi6xDioSPJHvMWxLDmtFQ7jR2KfDpCNbN4qKeoUi+FGPEJxrERE2tEJlYeWsdIhcXk2dFRFjRp4vvEPHGLh4vJHeRo30NnY9WIfAmJwLCIRc0hH14wlwRaJaJIglhKx3EIswtSKhE5ItDEmRHDxeSJukxveJzhrBpvkSaJ9rPbT4HujtujSNddplLjSj4NOUzR3ouEhkJhrMNEEiFOTZOSYYisT+EI/hGMpcQ0swnxtZeCiNkxH8JfA3mfKMvBcQhC4h3mY6IRNZuJKaKRkSzr4RrdxEx46+jpEI2KaEaJmGxNYhOTYkn4Ncw0Qgk1iEWjZHiLmCRMInony1iVvCpCLEtTOLscE23gZHK1Kpf3CaeIVFWEuXiX40TVePzi4kHS5p2TFzvrDRCckxFrRMLFE8QoyrGispSio2V71iP4UbxeDo0TFKUpGRiNGsMrGR83HebiPDRBq42b7y8PFPI3yrhJ4nAnEtlZsT9Pk1o5mxNnGqbWrinReBGuKJo61jrRSl43iQp4NOfCJmt4htGnfsi4njENHWhHyLcfCcXDEyuVfp+cXHbNmiHZOUSNK41jtlvk2RCXJqlRecXERCY5WWhLghzmo1i5hCmh3iHBERkJicEeIzZMUqxDRcVYrOHiEI9m0VfLiEw0QnGINIrP8Awomb2i4bmGW6O0NmzzCotKNHQx/ROBTSolwQ7wkIb5KRlE+NnFJpCXCLJsT/ANxTRGd78EZsTKJZ/wDMQQricGsVlZeDRupZvaV1WROSSbbVj6jGk5Vw6hJUl2V9fC4T40b3iEIbNkRMzDL8H4OiY2UhOTedfCvG8XFNMjxSEmZiNZjzzMx/CT4XEJwRKa+MxXiFx1loSKs1mtlGUirGiobWxkHlSE4wvgmzwxMWIeMJsTNaWEsaLjvE4JzoS4NEzs6ZUaOaVFIUnmjSdUOx6TK7Bm8K6RMUr+F5JyxFvgiVIi/DtQjN4qfnFxr5XK+HuG0dmyMnnME8MmKR4vI7ifC4vz3i+x/8xtFxsvxpecJzwXjQmzapBZ7OmRtjRGb4IhjTNoZeBzME2kllTCV2ToQmUWVNkenjopovDeZmkwjo0bKl+8p5rJyJoQkN9GqOKnn8J6Fyf2Kkc+3C4rnMqvZoghf9xE9QSXEIQhOMa6ItHkreElleSlWJDWLTWbhZb9YrJmcs0rlvEJiERrQ7rFRshx4IVZpIV7xrQ3hlYuqOnWHSG38d40T3jeiYmG2QpUa3osuylZMXnDiKN4beJhLnGyc4iLyXN4NZtiNiHivX2XCKXkiOhEEbWFxyczO8RkINcqj0bwm2tqTxUtpikz+q1S6eh7bWSdSLyO2m+SsZDR1h4pFi+/jCYovhtXCT7Jms2cjRsWLKLEIXFZv4Qhvshflr4TKTGQudlwnnZovBCY2VYqV2e5DTag1xOhuL6VOCet02kuauyJHAmbN6c+FS8lxWQj59FHhsvPwbtEX0bxMJPwRCXmEJoVqRopUVS0qdKsXDVQl5uY9MtE8VoqNi86KTCfsrIuyYeEfYklSYpbdlffZRidLiihCMpfZc6xsrZ+fIlcXENY1jsuGLFS+VEaNFQrh5pSFZX1iFZHmYjWU8RP4xmi42U3hs3yI3XGpOLBtU7+0JzRcN+pI6dEOVQ1LyrlhVyLFO3jQ0UeKyjeLxhlG2Vu6NFYtTQoV43sTx1naKWxFmN4vwb415FwsRrFG8RF0I2/WEbEUjIyovDo2JEmltCXDsJk404UpqkK0JipS8GifJDrRS4me8R15pb4zFtzHbxcUqwxENLF4KUpSLobw2XGizEwsNc4nI3PBMJneLirNe8a+KI2+ly39ITel9ojjru5w/aQ9HXeHZ/wAeFT8BlfuFL7+UxcNo5hpeC4hCYpSCKRCfOy3KuxPQ2JmiGmTg0dYpBLCfGasVYt8iaJ6NiZfheMzFQ/5H2k1+/Avtu/GnmM1CnRUjo5FCnbKXO6yjeEVbE8QnGeyYqK83ERPnUaxc00UhHv4UjxSk5HBI0Tk3iYomUub8OyE8W5KaG0t0SJU6J7W/KEaTO793ZD/wqJ7J6Nmi8ay4aGVPDZoo3m8C2ilRc3nCp2ds4osUpsXL+so4pU6Ll4pRNIvrCWKdOfCop1vC9V5Mtr7TgQ21+aTT1xHGhxF+4dMqxJwTmc9jUSs/auYipYuLjyayjTzpxwp7udEN5qLyisuG83k7ZrNKil43i57NI38dMuLjf8JjQmV7zTrZdlL/AKd43msnI297x7pcVlSGKrWr3whIiSJI2PuuvqJMMuUUqJwhlGxOjTaeyYbIiss8Mo2XjYhGy3wJsptm+ylHSlK9IuLnpEShSLCZ0bVK2TgpRYrIli4T5KUvTKzbvxRM5/QhpLuk9KNPw0Jq/gJeJisTwiDojWFDWNELmI7EaRrO8aeIhIhrTKXCxcUvHwq+V+NLmlNYSSNYqxUVZRoqd+FGsQbKsIkaa0Wm1ZMJ+34FiYr8pXjp62LhL1so9ReFf0aNcQhB3+FxR0vrwTjNGd4nDIiLgjVRBCYmi4onNQuF8UVYvimhM5xXc3hYqOjf8wmiY2i8kFcb0y/5i/BJ7xMp4izCZjzSUiOMXMxpQrEy4tu8awnjeG8VYYlyQhTRfhXikxC5eFieaXwXknJrLWU3vFK+TnETuHNRnNxcsW4b6laf9IJNSE9+RJVqTV4TulRoRu3lM9xEv+m9fFixO15Wx8H46Q0c7+eBWkVusUbKi8/DtHNx39YTvgqEVCeN6zGU6GuTWiF5NOstoqa1suIisTT8HAtkRsT/AMNcYTOBMWrg3wLHePeK0P60e1eGJW0qXlU0TjXwqLjeKVFLwXNKJclObsnGLjjCuYUT5wmX5axfZ/7ivN4KVF+LBelONutxITY0jZJZyvJDWKJ85bF/0i27is18JcNI3zC42bG0NtpDvXSM9ppJLljlcb6qW/piTX9uWxSEJJcLwhpla3R1tNN/wWKV8l52LJqMS5rmhMqv5d8/ScGqlZSpVFU/axS4bIQq5mKW/BNfBXspbMIvBTo28VCfoTWKXNK2JM5JhERXmY0VZvIhgryl7G+ET4iaaqfKqfaEtt7ia2t+NDX5RZT6F5R3s6+VIRiLjjLIyYpSvspS3zlFWylH9mxsWNl+GsNYWKc1Z3ybzRy0VVaz700J0aUZSOeNPgfNurUbbbc6rPzhlW0XNxVnWy4hbVjZMQ7RsZqF/FJX9jUVROHFut6FF6SiKilLFeUv/wDH2U0xvnWbyRhVUal+55GJJHXfT+iogylZvDXBOSIpTilEILCcII2KNzKrhUPC87xvoWFHcxmxFLijYrjbxMbKjbNi4ykwqjjqZMummmtpKcIcERek6dFiSrfBPt+BLFwSaPfhMSJtfeM0XD0nwbKlBsuKXFOCsb41hYbRCYlEkdkKTKSxWIpRfOZ2JY4heTr4I9VnH4L2/QtTNIyanFtGNlHq+U0+GiFy/hcKkIaLilzeUd7KtfWLy6I3tz8//wCj74tEiRpLy7NG6/yQtzl8pUMl1pvRRJdtcNvgVG9o/CbI72JKtD9nPMYpE2qLyyoWyMaIzSr3YMnIgaRJPbV27xCcl8QvI3yMqtrQq0vCTy2xUnlNuCqW+exKzhEyrsa4ZeCGzWE5C48IRd8FKdZRKU28UvOIb7wmQqxDRfRRCR1rEJxsnGsd6E+C42xbO+WTX2RI01U+9lZKRBLFWKT4XFRc0qOyrSLhTLxS4r2ys6FOaXPgQnybxSGsXMKdbL8LxhpPTSZIaTU6m6H2lwKZfO23W37YyLF+MzrTzWXGyjuhG+aVDIt6ErVEJEiUX6WENml8z/zsQNJcuvltvtsRqTy76Rv/AEPojJaTd+Y4+j5KiW94q5xLda9znLG2kxPS5r7JLT3DWnn6E2rE00kc6t0JWLSUS6SO9jZR5uay8F8HWHRMuaUuN4TWN718UXf5LC8CdIzZcX4aKzZCYXwpS4uKbzSiLlY2zWL8rjRSlQ3ILyaeUU0XE4xS34VFLiooq91l2td8e0hPv6gnXzZKKR4WXkotOei8lLcVCma0J5oy8FKU3oZV0V4qxMJaafDafpp7Lh0quGL8uv8ASG9LrtP0/BHJ8zaL9pURJESRecOWyI2biV4/JeZJLir+LyPJca+mvT9jKVjVuivBG7yQ0N0vLxvCS0eOMJiKsQh3oTI7yl7NLZ3lM3Ts0J3MXZOSYmds0Q1iMl1CE5dzOHBedmyCRCYmN46eKTNKJ8jZWecdlOazpnZsvOahZ2T4wfjFxTWilZc3aOimjpjg9DseVa+sUqWestI11iFOhPgubrn4XCKqQW1rHcuTRcMXt/TaVGtlO0aIJf0G9VaUqYnkmvVa6/0hK1nK6+W262N3GysT5xVjilHiTHWOtEJwVleF4RHzcV9eDlNleFSllKUuEymxDjNFKJwqJZohro6LhP4Ua/dAs2mqSLPBcVMosU0SUrXz1lfD/wBGyrF5NCLmkeKb0TguGxFOi4ZRPNeio2UqNDUyOtcqm0xnU2je1L9fBYqK9DZXorE2MaKb7Lisvv432XNWKhL4n9z/ANY2hLF41mlNaIJFfeK8NofVIQaheCamETHeaziYvm4Vx0VmjXYi5U0XeLsqLzjZX2J7KVZ6OiG83jRuS5JPtCSqLll5RSnkqLmlQsUqKVFXw/JX8l5L8KJmsWFR0b+EzTm/C+IVGifBRHBGp5uTbdd2K4DDeht1RWcCSLhvHWZhzFZDbpMbHhfFEEtNWu1NbhdE4VeFu3z75XBB0Q1xvFuKU2/BFjbRveyNQ8FnQ2MeExMozXYoVm9l2VOPHW8JsqK6VYrFhIprPf0JcqGtPE40VlPCEn3lLjWLhNdjJJttSViWGnJoE3bSfEJx9GvhRN4jI8JkazRPktm8UpFm85pvsi1rFb+F4Ln8iZxMzDw3l/CyF+CLmqMQylKXFVCKq9YaE+PltFxR2StK4qX5HPRCszW/KUlQvV49pkak52ODw2kxu3y7oWnwt+Uqh6+8pP8AaxDaLnZUJl+HQ1yLwTl57eLjeVZS8MvGEVGyo2xM0JVLZGhQ9wuZnl52NopRXGsXCw16T7coSvkS8ilcJvCEUhvRViiRxcJ6xo3jeU0cvNRcUue8UpBNbJ89YvGaVlLc1cXFxaJ8ZSE26Kct+B98Sa+5SrWN4TZTtCWxGvhXzfgrxv4XFGNtIhLd4i2cPT+nof8AXr9azSckN7O0aystvRGyFWLDag2Jr+lxTRV0LNxoTXRrWsdCXG8IqLimylxsqKVqlYnpM5EuDoq0qUpRNkEp4Y47pfhjR/1IQVtlV50JkMquV5Qgo/Ma8prlM0XC8aKU0/JSl4KUvorE6UTKyNkx2T3iyovOjvFT+V4wrlLnNxeMdYqFOyMmIJFhS4ezVKO3qQuJ7IVG0XeKUpS4nGG2UpX3il4Y2XVFU5W3KLan/wAJDlH6qKSr9tCsVNfYyn5Saf3drNOtjZRI3mJFKx/fgr6KbRffgqH6GX2V4gpveI8UnBc77L7wnwJ4hfFKbT5FjWyo8IrxeXlMpS/BNl4JlDzbT5TfT6GFoJJuJ2C5KNONJu7FklHSfhG9J+hA7E2OEI+/JtCbxdLZSoomdjQtETNoiFiwvwvPx7xXmlxS8Hea83GniOnRv4VlZHZzu58CZTnHJvsWNbZbN5RSrOy8fQ5i87xPhSeif4cWcf6YuGyvf0dFfeXC/ClxfRYXEELwsbRc7vGaJnOFdYV6GJvvEZrFL8LiGhsTGxNrxlHReNZT+F4IJFQr+1nkvAnCPF514LwVZuL8KylXyuLi4hcQ2NnTN/Glw6Qcekqvkk7+/CFyO8zZ0aK3tNK+S9BK14Jqu6i9ii8JV9YhYIW4beE/jV2a1i8FxeSmi5udEKKn4/2T4dlxeCvWsrF5ImQu8t5/9IITNYpWJHELxi4t/RSvWUb6PChXos8FRfNxsrLilLioT5EucUo3vF4xSrWKkXeNdFeK0I6LzrCbdIROkXWW/InxinZSrHZS8aKXNLwJ42dYvv4KWF4KXRUU6z3vwM9RpeKrv9Ie5bf4vtiEQ1tp+fQql6f1wdjuKVFIUrPPJsrVL8KJppFKtrGyPoTKkG1ispSsuIcZTmlZL3CRRsfkTbImXF51mopUV6ReFfGX/wAKU5jwmzoq0sa68YRTX9Kvgs1YrWKXgQ0TYoVZT5+8IrEdlRTmPGxlIElzVJT78ikj0+PGKXjWaL/+FObhY2UNw22U3sZXvDKsJsp5RfhSieIhPkbxEUpRFm4VlKUi7mz/ACidEiWOFqGuOwraJYFH5bfheh4m9MSespmGxs1i/CYhs7I88VZjNssTbfC39CWbU17RX/2R4lu9olqBNdjprWkvqrVZ7CCmnSsqRFSvkq3v5VlLCrCSxoTKtCR0L7N/JJ7E8bxsXUPArEymjSxV2TDWFliaEy4umWifovsa4NDppazTZSlE0Xk0UpxilKXNKVM7WLil+E+NKUhC8F5w28bLhvFbzspMdWmo/KaEuSU8LhfRUm1viHHvkbOC+ylRSscZdLOynlkNlfEKMpS4vJS2aw2V5/Whzf8AZGNv/ij/APz0LZx+m1/jILapfLaXQt/+aHvX4ban6Y+j9gu1+2c7/pOx/m4l2TvlMmhbd/tGtv1lr+0nUuThrRst9EV+x+Hvyt/dON+hB2vi9IV2n1ov4kdt/bb/ANZq0IpGNtl5LhGqVksLyy5mGxCvbKsVaNMRWJmjrESmhEI9CWGxil50VbK/hTeyiqXJ3zteBaJH3WnI98NC4n+4uSchucifBTo/9KyvaxWUq1spRM0UqZS51hMrGVFKqUrdEylZeS4uLl4J5eq5Y17iEq+ETX5RW1DwLxilHOGLhfpR5uQXwMG0zwhss3Sm8XNKyopS84vJfRedFJickZGVm1M2F51jVb5p/hpJYV4po2U4ZfeKWl8QbKhst8Cbrfoq4Oy8lTKafgiEUrxRIVFQ7lHeI1nRUVcieKJlT8EKRETxUImVmkTUZya/CYtxfbEJCJHYiYUKhQjU3iDRHnfxomO42NvNEXCqm/hMVlKRmyY6KisawhoaXS45HK2iLk+OIXVVPa3s6iF1x8E1y1f5TRBci8uq/wAo01KSbR3zPMH/AFhk29obJwTNKUuYj8lNc0q3oU5bVn10mEXO0Nr4Xkt9ylJGfTP/ABCY0tfur/RbTC9bGcLxD9sTbFR4q7KX142cmuytm9EG8SXHkSx1iPC8I0J5p/4a0RifGN5vJH3im+sM2IpCYqNYpurCUKX2XG/hv43jWKsVFHSsonnSwsQmakV4maQTNYuKb1oa4ZSspS3NZUOq4tC8tvSS9kJF50kJv6fkcjNNPJO6f6RCfCjp4jht9IQ/6GLe+Xx2yMpcbeN7xeSnYmQyMG01iaEIu+kZCrlqIMW7DkOto+FspfZZRtFEUfpNm04k2/VfBt118ttv8vZJqiMonRp7vobjrqdvg7tLQtJfn+TdFNbwyeyD+yiSJwcw2TDaWlUmaS5W9HPxRwzULzXnXaKypY/PnZeUUbaxOPhTofjGsJ4r8osn2Nid1SlNt0T4KcvFfQsJ/wCDxspSrspTZvilkZdIrK8JsXptK1+24hvNKy/CvFKUpS4XnG8dnZcVHeFjeKPFxSmsVEKXkovGGHsTTWmmtpr6Y4E2Lnh3tdMY0FsOVednRCGieINqlOnG0c5oX7Q6SMhObsXsUUSrjh8CK1KFIbau8d/GlReVjZvCEM+XF230vZSJQNb4aFBtVv8AacaLhkRRD/5ijY0RG55nj6LzUrzSe00xKRXhfl+yk+8rf0o8V9lQxQb43y4h2MQbpaRVaG12J8lRfEHWWVR0a+9NbFVebtS//EPuvLGoW/eVK7ClwmV1YTkLi+8VGifCm+zaK/i3zmspcdl4Ks9ixV2UuN9F5WGJpdNfaaYoZKpo7pPVxVpm+vhsvJS/GCLm8YpPgl8L8Z8+tkN4S83HLGvNWmNcj/TFO1jTkSX0ylK9Fedf/JCRwg1Uxr2wOjta/C4Jbf7W/wCIXbbN5bTYsMbQyLHA2sLFRUl9cpp/aHWl709k9KFFNmPgK296+KSJC4Vb65e5/UJ/kyuhPtC2y7SSiJF6xo7v9AuKNiotX1tatad5ULZETlnPQ0tXBxIly1Ckw6N57OG0ruJ6oiBzqE0S+khlZkjyidrIncVF5xcbJwUrzropS8lLzsTKxN6NHWNmy5u7iF2b7xca+E803vZoT5N/GETlWNi3NFflCfBw0WeMbIa2PxilWE+WXNWHC5pbimilOCletCbG2UudMbXZUVCa0N4Nrslaa4Pjwy85TKUdWrUTa87HAd2np6fLXg5Yy5tSfpjRJtpFX4SLqJ7Im5Nrmo72VnZsvImU6jKb0XDNktXek1+mN7r+pD/aXN76kdNL2kkiEL1hvEEVWk55c/Qk0k1J+nwKEkkvS4KKQh1H2n7G13l/UVENoV48foT+A9cppP6bUZoY64LjN1cPLht7orcVW4+US5q8G0LGnRL0LJNEly2+i6H1JUmlLdvgpeXiFXeG3o90uE5dCd8FIiCuNkaFqYRC5RMzgosRlQlwTFfeaylLGlipFxRKmu19CflK/UHWn9g0oVFfePPJSvNNiNdkNd4TLziFKVYvJRfLR0LEIxJlwm87ywtEX6Xlr2LNtudj87FRMfEW0U0/VfxqNjc0Dy+H7YlqTluK8P6Kh0nXS3+GNJppqrhrkVjt031pRHRS8MrIiFE0yExrCFab8uLy2+kvI3xqfmtJ/qjD8ZprZ2u8TghSERSRfJJdtvjRbdz5cj/a2T+nW1/abKWfaSf6VI5acv39vljfuKHAzhhtNLiPHTFn1JOaV036gqkleEl34xobk2K222pw4V7zc6vXnRsuKblkz7aiItQatY1PQzRs235ZoZWopmjKirEQvBc0iKU6wmV4U/TxpeClRcR4maXF4eKsWQp5ReUIvAzSbhK/8GO0OT0NY2l3y/f1hNFKtYeLjbKbddxTZSkKVqFZSlShSl5FCmylIiFRSiYmnRsT4KUq4uKQghGmtNRi1uYrtehUSkulrLbK3hYLymumqIyoqRVVS4qFfOpWXnW0lPfLItk2Fo1XRtLS2NcjJHW0sJuPfRzGbElsjRtiXBs2UvBUUpBNo8n4PkEklN1zoLGkT0ydEkSe4P7LiopvCPUm22rfC3EixQvULOtLZxSjNeoyf5ZHFERMtSfaEpEovWivgq6FiTUmKaZLhKIiJom+ODZRsr2NjBlEprtTgi1iMYnzsdUVLziCa4o2hYRBPjMxTe2VlEa6NYnLxRExaXh4qxeGW+S0TLsRMUuXtKRNuq+0yb42ouUVNlKWouNYjxMVoRsr7LSvRXmIqJir4JlKXFeH4KxN4TGhMvo2UvGykU3JEz9lBKHRJF4KVaEUovwjP0E6k5ykV9iv8+/6KPJGi23X4YrqCf3XeX2/bxWUrorpEKKY3oYkX0UvBXvePBXvZE8QnOzQt4yLjZv6Fm7VrWb6o+YkX7TqnbZxwmh6bUtKC2ldq1DpPvH+0NK4rQ0tsr6KPrOqrEbaX0rB3a0nsorz51SveGicjQVWTc6/KSU47Y6o6e4bP0mqLQnlGvporKivsrfjyN8FZ+pz4Dc1djEKnCQ1ZV3Oh60sUvBaXF0sLyUTLyRuM3vRRMpfeYUrLhFa8FNifIiopcdGilNYp2TCeOlil5RSiYxM1iofHBcO5pUzWKsIpfiyEKikfx4ZXirsqKU7LlL2emUq2P8AlKZybal7SWkXPvZNThrpl5xp4pSlSNjZRMuE3mjKbKV6KhjrUtk6erqW1F7G+RZtW72OV9jpIjjXJD79vyO14bv+mrHLyUpS4fZx6RpKnazdT7HQtZHRi8qxJDaKU8cCtpLWtlXzqCbTaqEl9zl4bLPI28tDVpKDV6cOokRtPXaLMf6ymuYL6NY61ioV/otm0diYu7jpU31mcmsdY2Iq+CHMdGu8JFLm4p2i8ZpTfRsmLmPEJiaEXGinqiaKU1joudPKS6+DgmXGmISF3vza7VtwpSoZRiYmNotxdMkxMQWyaNKRuCKLE4ebh3BpFwp/hVDTTcS+o1H/AFDfJRv0UeLyoQn+jNdYvJyp9pAlEl0htaYmzehtmhvn7K9kxS+xvnQ0E74GRUUjIRbE3+kb6KUtbeLyUrLlMpVT3RFLwUomUrx1iGy53ovwpcXn4UmE/hSr4OlYj8FXRSsUOh4XFpshTtiLhsrKJsuEylL6KXxcUpRB4bNWg8v6x0bRRCCtpNo4Kj1BLbCJrVy5dKL+9xoRpNeU9kL20uEVYmJJ6SMtjJ6FdFRWVieWbqKTC3I01H9MiTbnMTPObjZcJuCIg3f2Pbm0n80FJPKTX0Plr4X2TkqRTvZDY3TaqhdQuG+S4bOxUS9h0WxshS+aLyytwQi8CK8Uqei8q4rLi4vBS4pPhcUuIhYshRs0J8jfsTq5KXguGVCxUazSiYmX1mkKXg32cZ/A2VJN+EhWhCT1L8Icab25ac9PscL5Dcp2Zi+CUSiQoni8DajbfgqcaeKuaawhrSNxe+hgadptsOekuxgKb1WuGnw/WdkTTT8qNCUu9J6rS9DUU5zSEktcsTSJolvvLf6PTtLa8Cn/AFinTe6aTWmm25E15KIeE+C3wMRSs5usbK1BcLdaW9utRNEXLbfpLYnJqA8J+HfKzCsvsq2yCHVFwnNHlX0qL9rZ5m7fCF/qRbi/uAl819MQnRqW3Ik1tjr1ohNVVPSOT/IR5/amT5/YmPx+3aDRF+ymPj8HqCKbX7lWVpp+6/waJU+6gldba7tL+kpVNeXf/BN6681HSGxJV+GeVNvpmLlX22f/ACXEMlP7gawXgvGhJRzDWiExwXgpcWQT5whQ7Fh06wmtY/BSESxxWXFTE5UUqZPhcbEyK3WRcQRWyt1pbT/DJtpnXjlNHRWJ4oropWUTLyU0QT4ZSp+cp+/j0ay9Oyok/tckEBo9lR6eu0N0+5/5Q6vlreG291oqEy84aFuU4gpcbWrwub9C1WlrTuHN8cjZRsdV1hVvnSlKj2smzTtt9QfUgJW21L7G2l9PUqckj8DSA7JeP0IGpputdvsvOy46GGGx1to2x+pb4iN9yQVIhTV3z/oaRETXL8jjXaPlxvfnWW0JlK0JlKbLxnfQ3HYQTYzLc605NF+Y0RUc3dL6uxP2aKUmKylw8MVLl07/APwxFyUJfpFRoqExsvvEW1DWtER0Nti8nz4Xlrucihtb+jWIuxtK7Kx1+RI22bbWLw2LRzfiF1UkTTSjvspCl5EXnGuiLoRvoTK+jsrE3i470K5ThWVKFEy8kKilNlxWXlF5Khoq7EjQNerRxzgqkd/DLiTDEUpSlLlFG+GJlenilKVdYvyRTpLs3SvnhU3Fp2+mlCc4rLwVsWsVI012idF7huPz2h2/2a+40V4omMiYiElsaa9NcMqKX0aQ3yUrHfMt+BJeF7KHekJKVJ9u8jvVNrXmPW/wNHX/AOqaaaa5UYofobflxCunBTEQ3wheGN5sihWVF40Vu4SiJcX0aSem3gXG5bQk0nzRqTfk3itTRS4pSzzi8m+nhk+9k/wJtpOrisr0/Ro0Vmuxmu00+G21WX/gkfDOKbYmOVTd2Ent2x1FziNo3PCGOoScNzjSxS8l6G3BsaMnNortpko/NE0XU+H/ANIpcTC+NaE2XguE9iaz0ITxsvJSvEK80RSvr4xaE6rV2fYN3lW7z2npm566t9rwbxSsrxOC0lNpXdJeqKSpxL7WLyJlzReGQrxspSpkxorKVFxWUvJSsTTKUX5Kyl4PtiIeraYk1pPdRTRCpYpymOldVSfae0TDZSopFhNu1ef4NePH+pJRyrFwl22Ro5y0hpeXtQhC0iaIPwisriKWjOFxi4qG/NHxKJLrf+kv4hKq1qtVz964Gy5mtavHb+lyxykm03wkab/D3ivF5cKURtCfK19wev7/AM8bxWUZOeEzm9FpiUCoqTlI62k+ELYiq8cIpF+SnFK0xF0lTSa1O6rCeecoaeopulnolKOVZuEeytUtpD3RsQsx72vM7QnvcO8UnfyLWI9immUrIycEQoU0ceTWejrZeNlQmUuqXFKzWKaOiE4IQvrCR3nZeBfQirsjUZF0Tk38EOdcf63DQb+hX+j7d9UTb8pipEi0izNRWVDFmou8QhvmlcWyk8lLiicypopali4b5K2OtelT8fV7I9tMk23p1XQhIW4HlOUpSlEyoqKJ40qbE+BQn5OJLbb6Q27gvK2/xDIy9JKnLvkaunLZ/sXDpKonWvw41oilPJEP7dbYokouFF1MXCkE2UpWaKVmiscNgabZovNfCG2gx6UDai1NcLFE2U0Su24En4JP0JbU2Scxp1v0u8aO0RqWzanE9r8lZRaajLOfK1UWZFiTll8wcdVOZdpKseye0p/ofKI0SNt2eYkNtuk8reekIX7l00041CPssUo6Rs9LdHNuSjmi/pMc9u7GVsa6eKvImlqDc2bnZ1aG54sWhA32j5TWrNjhDsbFRpkTHVyRccqk6r+tP9MTKJXtypfcokRNNNY3ml+FxTsTwlzimyHXwXwSNFZfhouaK1StR6mSTxecaKK4QkZRG6mkNi0LrzjWabND8CxSmnhNYpSicLi4f561zJeMXFLBpsS5Eq0lT5XKEufulGmvpmxLBjTbeilKbLiobRWV8FxWPySribvK2NZ7Ttr8USxJttu8Db4HKvhufVpRNlZW2z84mEIuaOFKOzb7a09K+kuBei7as2239t7Kio7GKdK42jKGz5ijZtxYftOde0k9DZG2ySc0/Y38fqS/1iFsxNpSqlzGm1oVNc2QpttvSQ7f1IUZqURtU9PXDQ7TdJpOI96bbG7Vdbb4TbdxBhVUxZSG5Oq+q26x1ZEWcVneyrWyjZFuvaSp4XlsmltNtA1rjfkUg2pzmRSZ6Gbc0ITXY3q0dKDoWv6ZKVwoVd4oByI5WbmreU04UTfZSnZVinJX1m8lYn8KUXwvJXi6NCLjW0Xid64ip/Xk3hqvWk1rzouXI+1fWE+MViwtzFKuykJ7OCplXxuGPD0CL8+RDhUhr6auG0VtCKJopsQkPfCW236RrrV+Uyi9cl01zrwXn4WVwuLxj7RTeEyOIVYpcx6+s1FKlmlzodpy8M39LbE0iaKUrNmluGf6LQlVK844uhtawpmy64eb9vQ6OohI3G5ZcsSylNN0/DFWtVRUqfJ1dIY2U1itGxaPb3NCRWm9uxWvzSkkm/CT8Fs+h/R5TxzdCPbb5dX0VEtKhshvo2KqlZ0VGsSk3Fumr+VwQU7Sbs/DqYljVtrgm+mb0Ur1ovJec1Yp/wCG1lN6LmCuKf8AV8Ji4RvDEx3JFR4qZc7XwW6rStJWl2KKu+u3+GW8WkaRSp9zyV/0uG32KlfZS5XDbV2XhEKQ62TDRE7NxcVso7LKelunNNNwup/JcYZmlR/6ooMaJM7KUopVto2jlMl6X4on+UhjNrnwk2+l0QuLiFEfLqQ+uAnwyromLwqPG23o2aEf+l5Kymxtsry2b7NFXBeSy7GkbbS2+hyuS62OcE4xR1p+g+/FTxFzF7xSrs2bpcNEWNl5KOZRblXGuWxVtc8xEv6mxajJLtpafhzVXkpbmpySNrxNrpLlCcJ2gdJqt62M7GypkQ/OsQWJhFKiJaeJ3pRSIT+TxWy8CbxWX0XCZRFL8KXFYmUqKXG9a8R/Rct3wVlw2C3wflD4aTghN7G5f0JnELiiwQVMbRS5uEXCNJctNL7K0RUt7P8AD8i50n0l/WIJK5bS2227tjRBXdP7TqGyx4Jucuj6VmpXezjKNlKUTY6VFWr61RSpHpqobzSpFwpzHG1VxV0/RSlxS4o3ilNTnCYwnRUuKhPnYySl5Etk3Ikly23Ekb+1Itv71IhuJS56Rq7T3vFJ6xTXNKilZUN+ilZVmYj68i4rR1en66Ktuummn0hJJEvpcIpcJU1fAkiUknbck4sTHrWTym/XpZ73ilEXjeFLQmmqmLhCJxsu2uZoskLaNOmiI0I2zZS4SxBuFTyp1ilwmUcYiMj0U0XgpvRH/BCry3Em2/ouG6c6NL7j0XNx0UQNsJu9fjhfylJr4HpprtCNHZcRq4mNiZc3Gs1FXwmRtcNaa+hVZorTaz6NDQ1wbWKRt5aPuCro0+2t6KzZMVFwobNF40J4o2Un61B/rQ2UyifbQmUvJeNlY2JvCWLisreqdiWu34dWnp1DkvvrEv4kNuz8lVcXgr7LSKSlORt1XXSHRvSqpu2TxtwzwjR7KqxjYk/4VIaKVGt7LOCrWsNreN4j+EKINlXRWU3o7KhULy+PIrmqCF6BKHTFio1ouE8RKFKa3i8l9CjIlmihClzWyFOvnrCIMpp8HvymOtovPLbfxC6R0R4Sbe7ttvNLhhqSolTTTKnVOxtpPx2hjspxba4XpCZXh5SxVouKUr7EXFKUryylxX2XwU8gWzKUU7ab4SqVb0ivYVGyab455OjoV1sQSai8N9iVtcq4VFwlaTRi6LlkbR/8eFmj39iflPtDZ36al9vCbLinJDZXvZc8pl8YQjT8qPwxeTUiptLq1NoTduvBETalnZcUq0SGolirrq5jjWidWyk5jS8PbbWGhU32TnExSl9+SpFxWVlO6KUo/ovvDfOy4r6KREqadkcVzS4UQpElwX/DyiCcqiTdj8NbTQp0mheDRPME8X2VOChOVBpHHjwJF9lIc3RMQhFi8HZF8byVaLi+xUm70kk23+EJTS9VuT9tSjWI2lqQ5WaV7KyvFYhPFys6ZSlOzWExm9nWaV3ZVQsk4xGuPFQ6bXLOayGy2pvUPst/9GKWhbV1GxiROQI1De36ptOm5RcNPUb5IDXuSPEfQoURWkqad8bQgjZpkLcTdbb7xvSNtelL+GK1chz7hfspO1tN+amayQRbrXkTx2VcERJq3KylQ91LltNpFqxSopopRDK+ysWH0by26Np7U2NrNJYJ68UxyxGibX2VFZWOiJ5b0hOjUjRRtKvbaKtorK1+ioT52Uadl4G8VCvapMRdjRvbxINEZR0i1rFN9kYm+aV8zwOq719CpDeESNNCmhb6urg1pQ1lY93FpSlShcUYmdPOlsqcOKVdFWFFjRRYohjOXqnE1vw0PaJm46Tf06JzClibTaXMqE1C5pcNiaRfmiExNv8AjOilY4RWLDYrE32U7zYUvBrTKynJTTjg2EynpJVJtkeEyodpDvFZpte5yTEnCSXmLodp4Uy73Vo0oX0JkJu1bNN6XPAmR1bVXtdjrmlvwb+uypJbKKtPbrb7bbbKhJSS84uNlNinVxD8ls2KhCpt5JTj8slzq5SJr6KUuK9opTQnIh90r7xRvjZou1Fy+RlE6V4eh6RtvpLZHioNe14ZFJLlm1S8m1S4oxNaVGVLcLxrFLitm+xNdGyefrFaLPBX0RmjSTdN7EkoNNnofTT+3LHy/CnouK+8LLdr2QJz/jLm/DWLSmhYrJ8asTnEzPhS4vBSieXiIqEqbmL+Dnnlv9svw41Qlf8AlRftluF/bv8AhdWr1T/Tv/EkjvJ/yuUdP8mLhL9kX9R/1eyKsXOVw19ouFjWFCsuGnE+1JqPlzmkiS6SWEWUpcrgT0QqGuU5bS+qxM8uHA6TWkRuHh7iEVNk6ttxmtIdP6f2vAhRpW1i4bGibj48bf6EgX5G6X9E0k9sY3a4eeXPuCuqehkOh7TT4aZUUnmle9lfYikhWVs3yVorNDobCNp0W09xQ9l+Wr+0PaJ1mjmNc5W9/wDzHWDtf0Vq9CWzzQDjSrXM2aRUU1i3yVdlL5uKa1vwVFZpFypogyi4w4U2OiU7/wCGu0N3T4XoTRLSHYmkxJJcYTTVTTQkpUboNo0hIp1hNlxqpG2R8EKJG8Ur6xvNZvs2UonaUr6xC4r6KMoNNmfjVLxr4IZMc4VOO0vhlU/1S0aZ1N/4amx3Emmv3RSdoh1GuP2VoSemNOVVw10KlHaWnlOSU0v+shrsubwUbY7rx03tpfbEabXK01pz0xbV/wAU/wCMQ0nPBfRS8spcqG2IaKaE9PnTrwis2bfnG8J4jKiFYnpiP52JFXjHTZcNm1/NSis6ctzTBW6k4ScXyzhPbr7jG7YePIm1w54Yt+r6dsVdZtzyP9eB0WUXjN9lffw0Xm8fLeL7nBxH15Sa/pExVRPCWkstKk1U1GuU0cf5G2K6nAmM2pOhtpKLnwM1WaURpXC4ottnCesaHBIdo6ZtFEUuhvkpvs9YjZCi1ptQsy31aZNetMUqSWG2q4N10+ldftH7MFSi6ylTeKUpTnyU0UrOhPFKy8bw/GI9lNDnzm9CTjYaXqnOFHF2KUpSrFIuYJe2Nz4t9roW9nz6GnamhsqoaTjTd8xMddFpviLqYuL59FOHisp3sU74Rt/SH3aWzNJW3+kUWW3ZvxzwIucEilRS470URlSk7u9ehu37vL/bITRE4ptp/kpiPEWnLExsuWG1s7Uq5SuxlnpH+jTpbC1jbXkot0Sdo/SZRrTpjT/8eikxrxtb+VE2a/Ao1vz9nJVxBbiV+EUU14jSgjUWZPy9qtfhvk070spSlWKsprWKJvOy+8b5o7opJw6kuJ7KXFHeuUk/57Eq00vIy6FX3RUpVvlM9tZeLhvHKxUVZ6KusUo3wjeNl4K0XSKU2Ro0pDkQ2Grv4ZVspZJBNPQ5tcOp9FxspG8XCeKUWNELxmshSm8R9G/lS75ODTFsibtvhE3zNUW3eTagnx8Vi4omnlYRSmmMgxkory0Sf5G6atFr7PfHQ1ly0mylSwsRkEXDY05xiZpCKNDAi5SX6+LB1axvspEvEPuEBOEX6RG9wTJu4ueEn9uUlFpPnt+2+WUvO8VRsSPFTJMxJp+UVTxf2mFQ0jjSKP8AI80kvk6UrLEUvAnwU2VFKylZUKb6mqn2ho23PvRu+C432Po3e0zX+JlbhX2zX6iES9wooJf1t5qRUVPDxSoqxV2XDF5wxspp+cU6KUTeiFJbuMStppyqSKxURWj0ZpVU1CdX9w0Gq055c+xotjj4a3Ra23/x+zWinRfZVzimjWI8b4Nd+RPGsXNTKXgbRUJspfGNY3oQJoblbSV+xRp8KJv8LsgV+7RL720hEokuFmoUxTYxRvbRfcoks0y8IuaVIqeLTRU86ZxTtK8Rv8haNr/q/wBwvIa4Q2nOqmO3/DY46vJYrw2mvKa5QovOKaVERYaSKUvrFZcTeNCaKhNDptNfyUL6crF6Hb6Sn7ZcxWha4cra4JkNI04lj8VNOjZcs29RccJVwT0ilT1DWLyQqSbqnnqCIg0elyNvvJzmS47NiuNFLfHkuaiyE52qaPdcJGpe9ahNJ0r57Y9qrS35ldnuYY0yteTnSZ/TNfuQdt62f4fnDb7JiCbhVpFWKa0NXzhMhoptjbLSkOIqXFm4XCeGkJo2womiX18G+PoabcSba9I3Q4bK8XhXFKVaJivFKN/GlaLm5uKim9CKQwaqbT2ioikluJISImnpqr2ilxrFKsJrO1F43oQz2bXqiVKnlUm/nS5b+hU8X4v6tLAGsaTdzbNIpfVJ/wBHbFmpSaGUVUJv6UKXktRWkC+52JdshWczzBMl5bb9t+cbygwXg3G+vf0KlnnK0a/I2NlahS4SKN8lKPEz1Y4SXbcZOLODb0Tce+VCrRcIWkuW21zW3WIlSSL60jtJqS7cHZ8lSb/Q0V1S0Ot+3OxNSNLZK35GHS2lbSVfvlDtNTTJI+0uGqxqxuzdrn60PT3JVVFWJE197VtH0j1DcXSDThLljmZoU0ml+3Cm1p48VUv0xWN+3iL6SKeS8lbPCN/CybG8Qex9RNvSSvit8jUc6ntNceGqhq3d+1Zul9ibKNlXDnhxpx+mSVZa5Wq+kjgZTStcSljVK+8XCKVFEylZSsvBRuVlK+ylY2s6WGbE3rYrotKJ+YUjIkjRw6nGuli8lKVZpRMbxUilXfwTLilE+TWKVjoi/B6VNITfMXejcjEo20r9odFaeq/sxTXwbNFJWykL0nyJpB6bi1+YMIkVZ1/3L7TM7b4Npqa9jvc5zWQxmJkkm9V3CKyrXD9k8rsTWyiJsj82QS5E6SbSNFLwU0DVfkVktyn7Ku8VCfBaTnNKmVYcG0Nmkm39Duxt0/arqQ1bT88LuCVOz2kn6aeirSxSsuKSdEvDfkSz6ftOjRNwuKk59CKjbIfhJjWH23RM/RPoT0iQm2+E239IS1K3w4jfVTcwmUvAmyvFRvZWPGyt0a8U2p5Jzj8iSskm4P2my55TV7x1la3XVe0dvUSwmN+zZSlKMTxcUpBv2JreIs1D3+ilPDLNUSW9FWtlK0kUsNtQvDLxUVb2UpWInrFe9nRUJleypmtF5RfHopSlKysrxS2Iq0ikxMURcMuKy5QaRXcS+2NtpRTl7f6aQ9G+Wl1yJflfwv2xaS1PXhCfBeMO4Y7d7/OxMbTUaISSS4UXRSneyrgV1vGZN0/AiKb2STRNt+W22MVUqbS7SdFzrW8Ndf8AX/h0uJpZp1p+U+i8rFN7vF4ac9iOzdJ+9r9VCYWren/0xeB75k/sZyVa6vxNNeG9ponJvGTb9NJiaKeCpG5O2o/q4qK2cxEQ29FpV0b3siLss8YqU3h79yaRo5yc+U9MYlSFShEhcRVKFgXk4U4nYkm9sn9ZC4TfEzRt8U3hPj6LiW5Z8JtvyvDguTQdaTJvjwxUqTpJXT+y8lL6KivF5Xyqwn4h3rFaZvrDINjZ2qJNecXk7Jzi86E8XgrfkpvspRtpvoRT6rLilxeEVYvOyibW6XEffx058KUTxClReWJlYmUuLilXwa22XKN8p/aZXX00kitSqFM2362JfCyuiR8O5qxSkWWiTZqSsajjT/KezsjIVJNlPTb6i/bHJsrKzhRaR2yulZUWEu6aGFV5UoT6T0y+OZ61bTq8bSETe14V+URSkt1wq0vMXlk5xZttT+2mxrp3cPtXT/Kwh0ZSroqKsaKjT8nnDn6JqGzivZJsRRNNJp5uLwIresbKNlZbS7g2Q262inaGhrl9IZCLFUp/rYmxRVknzH14eauylZTXeLwVmilRSlHSlxvHeylKkXFEmV844xp+BJdY2I3sTN41rEKbxcXkTarNCeNdl9YhM14pUO01oqeXkrCrr1oVX+TtfWK9FhcX1i45zedDZvc/Nt/D+bJSf8YnzP8Ae3/Te83TUjX7TElJpr4ev61CI2fyhMQPYaIfiV/W/wDCB3+9EJk5PS0kLHEKMLtLbfP8Qsq459fa8CYSIc+FeR93CJxvCHVJUL7a5ICYrONPsX0iFU4ZpE9+R0n3x/lxGhtu7bSVVtMvCE0UbKVY1p4pWVul5JCvcJCv0hrWs7NxLl6Hjfou9CHNiSrb0kefVK23S/bQ6a2TfQ4SpsuEQWKazPY2VDhpu9Em3+UuBxjjrh6bS9PHeNDlu2bbWq3550XjMSsrGvZBQ0RkYnfBV2Noq2WF4+yoRpX7zOSl5K0UqLyXg04dD0GU6pAtJBU/JUWpoT5NIfOQexbOy4gsNviCYm1NCaK+vBpzFKbjIhJFKURWUo2UVxsWKhPjZSoWjbEsSSvMaX9HhFEy4qxV8q+yvspW/wCDKSf6UcMv6Qi4hRMvOLwUZsj+i8/sfM6CFX+ilFOrxS3+WV9lFNb/APW+khFOMSba8C61BSx6RNfTWNl5FTRpL/bcSG29N/0jKIE2fXDbf0lti5S0lXi96GCNmjRCSlXx25jlk83FNeyI4I35NYbTM2kvKpcDjrs+U2kuV7TGrXtX+hDBwNR+GXB7aiaX+ISrSbbbrb5b4KxmhMTxSvRStUvOLyKy2jJz7go0WtpG6+00t0TKNyajxduvhQtfJSLFfBY+MNlmC3K2VYi2RGnYRFTKUuL8GzWasJ0XCH1B2El2Ka5VQ7tm0uBFiJ5YVwAqGtNefInwKmzWNjReBeUG4cxcpHeaaKjmbxMdYT+FKJ43sSxkS5b4QtMTXibWLwUuLilNY38NDQ6bjSi2220kJObTNLyku+i4pV3mvFKOpSu2NppXhNaLE34LEl9IpRgrObVrTTUaYhbFTTatovVcoqQnCSSX0ViFIT+TSZdqtiGT0mFUMqRO7Ly54ZRpqO8KvhDbym23Tk40kxPVicNjL9so2UShGo8axRUYZa03Vmk5bbQx7e00/tbG0XFJrmm/Pjg1bW9cJz8DYzUnF235w8cRrfBJLc7Y3Z4k1NPv1BVJK8Ipc0pcwc2KmjQuvXCaG/6RLhIuK5ClxSlHZrWVJNtXizgXHK9af6JiiC9on2K1aNW5uNNE732yKjrZ+Wn/AIxKbhEmNIuKXNRUV/DZXtmyhFo0Raaj5dEjSklLBWiWImNpW24aj2JGtPyJDT1lMl1MovopSlYmUp9MpSm9Y2wTLizyJCJ9wSusnI03R0mNDf6pSoXGTaT5JG5Z6Ik6DXqP6iP1aXLfpLyORyI1XQhPeKzedFKim3ilbw8b0yipR3gop4Zl/StDZcJifJTWL7FQh01ot9QuT9amxp9JtqiEr58cNPhovsqHLXDTfFnPApWS4ZvwaEXneKeBUXNGxNbZsmmz6tTKUq+OsXgSxmn02n+0IUlzzv8A6bGKRNOqIs3GirFLwfjyJlKUrLPJUU0USF4F/J105jeoVFY6NVT6dEmyUqummOMSN1lRXvgblf3QaUSUSRAuWFRfbV6JC0bgSXpaKVnl41il9lLzvFapUVE4KsIbGnNrjtDFpKxjOk4XnZUi7SSf3pDTNXXZfilwtPXgTxZ5LljYvJHnZUJ8FEWFWtFSLifCopod0i7CjokNPKjek3+hrZ8KYUIhuba30jeoPtJIpvsYmUqKNLSSRSU2/o0Oy1VvK4ZSlSKXko6GhHi/umLw39V/4hct/Bhr22X4aF/6mCoadxSrFE3OlduCVrxb0NDKTTav6Nt+BSRElF0VFQ2KtSg821DHJvbbN9tulLimjS1mlKioRoprW83xSsbws0pXimt4RspSrNKUmyrS9ttwmilbxo0tlYmtpmTWpVSKzZBvFJG1RJG370vAtMTZVMSxCkWOi5pS4pUd7xeReCcj5I33BHG4TaL/AFiLqp0+/sXEa+TGyobYqVltOxCeEkXkiIdbE8U/OKVl4eI+aJlKKcOTutfmbEVUe9Df5Q5ESq9/4JtlaEysomUvsqZvDZLf1Llt+kWq3KWzQlMTTVReFicDEZbjYNvzODxp7av9I2X6dp/6Fxvy7f8ARQJK/SKi+iD5zBu8V7pP+DW1o5sbd6a3R6jjWuHprFKOnFRuSSfpLbE7J8+qImaKO7xSlGzZWQLfOLilKJ4q1mspS+yi5LwMTLC4pv4fkb4E2VFRdiWklo7WcF9FTqprOiLNOTfCQ6TeBBNrw28XpDRMVJxTTr5WhzVTNh8bbr14xVvZSlK8Vn5KV4ozWnC+il5dG3sa2QmG79Ht/f2JBoLrR/0poVYxqSiu64O0dNJVOsVOFR75THK1n1H+iaRPtI8vYilKN+vBUXgkuK+hJo33mIUQy8Zq4xRNlESdrfGmkvFHRci6Sa+1wP5zWuWuOTiPFZXrRRXRSifvMEUGbWrRq6SasRfKfWZPSrGIbmtv7bus0Q9nyoKoi9KFKVMeVZWNXqxX9eRCJGmmk17RPhZTV20+Gl3fAwo0Rw7b/ehjRwo7kL2bcsXRCi2jLrXOOGF9xFRWUp1opUs029Fwnhbd4qKXDS3sqlG1O30NfKNpN/ZcX3mlL8H3ScKTcXt9JeWRVreNq/Ykou1pTaJy2xJiF3CGtDo5K44uK/sakjjks1Um0mJXHPbWHpK6rTFqRzsT475856w20b+fHmqQUE+0mhvDd84TTV/pGJfUNwWumwsDbf4S10kVb0XNfZClRS8D6pSnHgrx2NeINmhMhUkuV5Y0xNBNPhoj8RE8tJ8qia6ORQtbMWEyLCWisTRStFWNFZ5Rc6Is6L8WWhfpoQ9s23t/mmusr465EdlhUOV2vyVIT2d4ZCYmKJz2RO3OX6Szsb1lT62nl1CypoYeho358MUoWkkl9IpSs2bKdJPS7vqbpLR0k00ZJEFt76o2/i0LjQrYucVXbQzWtbabW1udoorG6E0JNd9o33YS/SLiDgpKtJfb4QldTkPsuNd4nZdNGkbrlnOhq9qtL00qhzSc5Wy4VSWt5kTzMN2jbU/AkkSeFFmlQ8JvbpS5vI+dpnqo016K0nRedV/tl1KTdjZpfS6EkkklwolwkVlLbWqS+I0quxBI+Y225V7N5q44rk48JLNpeBNCnXIVe3eCLQ4THY8ycG1wkkvbaHMlxu0uSUVLGThI1rTbUa8Mpc7KbzZcU0Q4peR3s7xRFvjpjSMqcXbY11wuuUTSrlKkL4hc3jZvsvA6b5mLwylXZvn2e/WEnr4V8wpUPhGyl9CJis5mjRsflFNa0nvuWlITCd4FboqJe5aTX7VEImzLxNrNKUdum6LxGWlRIb6Tei3yV6xSs5tfexdjra0lL01wJrTTKtjSk2Vt/TLX7ejbERN8Pn6uGUwJ6cftpOIcGpGTrJp+GkqhJ3Hx1pOJOrNNt6JLxtecXDE5lNK1qPn6Y7WlLrgX2xU2+dpxCTXjhiUSvHfL+ySaWZrwPbVsHD8VHVjQ1tLWm5V4onHa00vLPwl5bFUleZvyqVibwxSu0h046MYcCr6wVHLehoak70Rqa4TVpx5a/wAFaK5/5cDpsXlGhwVac1/aGJ6+F1yIU0xPFxCpV0SUMi7Emu9oTO+W/TS8XG+sXNIUpcKRkaSbVc3Na2MUprSfLS5anAlE+0n+z1BjfNeE2H1atCmkob1afptlj4xvQhPdXZS4dia6bTE6NrNL/LN/S0hjPT29Fr6W2icDqpeSkY/JI+WjT/Y2wZLpiT/FghaE3tLbb950ileIG+FS8stLbsbL4hUUTfENdmmmri7EY92on5TPGON90dtzXguI2VqbLzhP2UiKUT9muc1FZrNfZUU6ZsbPeavgwo4a+2xvh5tJK/I6aaN8aTXcfkX6XTXhcPsWyXS4M32PqJ1/bKaei/Err6pcXF80dGz5Sb5JPyhu+9J5w1+dioh6i309lNiGTZr/AA8a/NTIzrTWjb9tmmtJjSJMpDs2nHforlsS0cS8ueRClcmm366Fq1W23W/LY1zsbbV3WmtfqwRIklqa6HPho6Kr8CpIiL7IKRbo2xRu8pPhH/EJUhJFKNpDw2HxshtHfjSuIJQokaTXWFtPVNM1+1Rakenxyn+mIcyvqNcdNODoq6WdtPuNwVN9OGkTjq8NDSaaY7e/hf44RpaE4MfPPKG5NeO4JfbdG1uFt8KlKU1rHaNiEkalbSvSuhR3WqNEku69vFGytYq/hcUuKId7zrmN+09MYp1zakTtqoiUSKUV3Tp2SpCLZmt8jnXhL0jRrRSlFpNVJ8NJ8r8jaKLFWtDKmqvDUkU01E3O4RO82w6Xcb2hJV4zJJp93/SrZRulzSvSxPRrrHH7ztFZ0XDRQwehtIuUXwUvDHWmk4bUVFFd+RNF8FwtuuBaCe4nyhp4hTlxCqV/vyhVlFGmnsmbNlYjoilNCdwhDxsuNFn7Ex6RRKJ6zi5+qSWsJEgtuX8FhUcCpSOxCeB8fufGlZfsbQnbt2kX7gpKvRNvd+pnWGU3io1onBS+DWatY0yQSumrAkqbkVK01l0hP26xaytvlm3+3lMuEa0/abqLCrNGjyXjKIvLd4SLbb76TjbXeuBqo5aJ3XCYqQ/TU05dfexSmVPjpjR4g1G8XE2UdIkJuJjsSTNkhE5O1fS3DSSGmlNlRV2UuKXFRcOFK2k40nLuNkNNdRUjfktVURq1VdKri8lGirvCE6qi0rKUbYmt7STfq8F5Li7Jzs3hy2KsvOyMZfBHi5tpfeK0UpcNybK+sOdLmW1y2NVGmTxsmWkTSXpcCR+SkFXi530hs7NMxDuuEIvG/Bz48lKmtDRwkn0JvopHoT/3DaOtnEULorE/8zrsrePKKXCZWUULPJOdlK9juVs64K67KlEFm5Jz/wDUlBl9NXTLz2mIi2Z+k0v63ikGk01PBs0vwkcYiYmSxr15J6rhxQSb5b2y4qRS4RcU32UsfJRpWlbzjh++C1cuk219vyXCwlmpkw/hRZqK9pNUxJG2rp0fVTVHQ2rjSSX0liscqp3daSS5b+hOBrSGmnLI26nh50kf7WFEmDbolLvY7VrPC23O2zWGLwNySPlPaZwwhfQ7nsJRw0/lnLL8ExzFI9Yq1jovijZcTY2JIoovMcuxa7S7drjqwrxbdeRM1RrJbK+DSklUcEcJJaQ4W+To4mhDI4Tb8uLZcpiRKbSa8tHRE7nytJPprTEjR3TSa+mIv+jpXiqoqKldnNKWQrKkLL2hm9TycYpcJsrO0XKpHb4Qkbp43OEJjYqUUKRYrE7DYzaui/4arxCsua0U08bq2U3m4nJSJsmvGxK1eicCBF6r5L80SkxLhLhHGNFLiiuKli8ipG0qvDQt5fsQl4qH/wDWFzP21Dh/fUNfC/jZFVH4i/sHu1/Rlon+3gSS0kK5pW4V5uLiY4hu3/Mb/gzXGmSaTWmputi4W+EVpfguUpvyql40JiMp0nWrtJlw3NqdUfWguJa1Ubf7eNF9/wBTWVsasmtWKt8XstjKN5vA/bt18VwSSJJaSiXCRWUuahlRUdFKlWyNdCatba/GhtvzIqtK63VrCaKTQbi4W2/SQ07aa0NpiZhqOVrNRVtiMkl9m6GQbM+W4v0ktIthoqw0nVBuO5cvDpQa1pXjePtJ8sWg4Ql+MUpPRvFIWExUaNaxSkOinMFiMX2JoWdW/BuNCpmmJoqKXFo20UuL8KJ8HSNFNY2V6zFzhLNQoEN3h6THdqn1WazbSNjeKjJKNqXi6FrIk1LK069QbVNsZ4hG/o6Yt3040x6Jxr75y51movIxLET5Rev+KFFr+aJ8frR5P5oSeP0JDrTSeNJ70xvx+qEeVfdf4Q8/kwntJf5f6VOO5ZCn2OmqaCLrVb/CIqqZPEav5pY2UOeWu16GxmmLmi7scHObMxfd3jQkzQm14T9sT7RPh1mm6cQzLcJDSRJpcbHTZ2kxspRtI1yrTfX2L1iOkqJOraX0UrLzcJk+6ditPnK3+HRKpXaDYzJNqNra5I7i6k2ifFSsEPNxeSjRRtjvZvsZWXl5pVwORV7eiVN9XgTzKEIiLVtWbeEx0a0sreimLzs2hUmtPbL/AFF4v7JCOqTiraKdaH9lc1f9lrqudrJlDcyJqV9sQb1Ek325t/HRSlWN95rz1vMEUs8FKbNdY00dF4K2VuqFPCc+OCZErNf+4aI8K2pdCoumr9trCmIIrKymiTdw+0jWtFps4psr6OsVMpeFSG9G/JI21+hsoa+Ekv0bLyJNEoMia6JCSWx7VFl8Sl01hfBrNKU3lLXiL09ppL9sVPSpbv8AbPLe/LNnAr6SWNZiemkKLUUR0XFqkKls9rTnkSuutn9JFB6BNBNUcvGl4EtrESmSj3N+RPFWjfZWsJsmtXCab73tMbItlWb43JEhqpoURakXmppU+u/tiQbSnaSj/fIlUJ8QpF2JU/k0k+hMZXvLX+UchdnZWOW1Du6SpOrF5ei/Q5TT/wAb9juWJD+4b6KVdlKUr6LVwUvGilKy8lehLwceSlKUp2yjO6e17abaXjVSbEGbJJXz9k2Gvh7N/aTUojq0re23ttvtspSoktdOK6FqaGvW0VqFxTeG+Ua1opXm4vBWVa2KLUK2daJzi8lXRTfHspSopYhPgq7HSQYrRuftjhul/CRca6G9Gi74GMLaKsR7IJkIy87LwaKi+y+y8EOC5heHipFLqbbQ6idXzU57bEG0rsRfll5E0bKyT9l/W+BOx4mKUrGiKm0eERpv7MhmibTTmdDbTTJeZKJzSvvZ/wBIsQfRo/3V/UKRpdvQv1sVVqv18IaLh9UnLRDanY2XSj2m0vXsRKFpEl6SUR2NpVtxJVvhITT2mbE1VZyl5nsedUbcut35f0V4YmW2Nfg9etjJrvCi+k4JtGSryNK8zpCCkmUVbS/SW2OqVvAKtXPRVTqQo0bYS8NBtxtKtLS4omyhu07+ETMVwotQpTshUVFTLyWeDY5m8GyibKa3rCumtHOb/Bre4ZTuQpeBkqKU2ouVO4mkxt79IZoZ26cq+5Vi8DWorFXwqLXvSJr6Ylmoio0LaTj0OezstE1IqUrKy84UqRamy+aLjDfO8UbLTonGb8JmpU0aHex5iq+ITCzNdKJ3ibF5CwvsRNlRuojh8OeKmRUtIsXSfgUtfevLY63C8O7RSp6me9Gs7wmyHhspSsTLiGjRRpqtIVkfDj+zRTa8lE+St4VK80SS4XkvwpTQntJNfSRlKxobFTaO1b/Ja0l5cRufUEWjSbNIbS+1ija35utGSY0k0ppVN3GLYlr9/wCl4KXgetNtLmJctj0ltc7vwkiS46nEajTXJRx5Dk5r8JLyP010CnpJ+YhMudJxt3b9Dmg2kn6aZoQtm9I2+moSLnhRjebwUrHHgFpEd/HKICUtf9X5HOy9tRvCaUarRulqd6qhrfMEqfmq/wCBWn739sUrFG32U/6h/JvuP+IUPdNFHVXhxcO/oozbd93bf6gnd4rNY3nSNdlKViTVi5FaXyafVXJvQpG9p8a/slyxVElt2CNt1iamhtxKlX6vJUU0Mqew1Ne3OGzRpVtE4V536G9JpWW2l+S3cFQpB98rsbL4pXiMpBuabVcCdJCILTOrwWtzO+IbIVYvLpXzMVj+hMv+nnnF5KsUtN00Xj7EXEUOGNa/AuoWxGy86H0S8tDS/WjDbUHE9pis021Te5WypRG7ydO40Job5xu4TKUQpjvRWJvvEGyjUJNVIxTErttv7ZvZIURQMNHyb9IVsb9sxUvJeCplHBNFy3pCsa920Kq3YuBNLnt5pS+hUma5dG/CfoZpSWXaLMdVD9pCBaibS52PUSbXbVhrh9l6NpOpN9ogaTK7t2el6KVGsweE0mwkXjmi7rGkaafh28D5N1ttt4bHCVbjap8x/RNl4Yo1NUFLhMv27SEcSb4UXCh5QmNjVqotaLSSSKtIfZngfBJyz2xjG1xsuY10/KxsaMRusSfpkFpnub+FEcFfvNIm0km3y/SNbXFGm9NO1TSiIisr3hsvAhtFKUvHwbE/g+Nvp1Vfira+0Nk3Epmtd2qiR+Kl3Lq+5yX0NxnPjmVu/QYv0Rob15XCi2vTlElb7be0vIxmskYq2UjxxtNVNP01sffRGrX8kYldTbNSp2klUUnsaLimriPkq3is2nyceSmuYVdFNYuYNlbpDrYyuJr8pmsvz+PyOTLwXReNCFo00N6bqd1lNap14cE/eVJeHOiZY4qgoVFexMTXELjRedlxSpeSjxsRcUpcUaqDbTbG31mtVnsXzeX/ABCxLVvWl5FqVP72zoqLivoaVJpNMnmrppJP70Qlukd+uClK80e5JtzFb66FqFElEUS4SafNusSSJEkkol4SKi/Gkw4pqEl23rlPeL7x3isb4LwVFWK19adIpX5a67HqsrffJsvBedFKJYzcaj8HEX6SpFzBf9KUrEsbfCdGSpXtLlz2LrU6q3Dc5TRSovBX2VlxogkymyAfLRXS/LY2XP0c4NJ3k0ye/XpEK1irZVirs2Uo0Nqaoa8q8a9lKaxSkRNTP6Wy84peSlLm4b941jfJR+MWC5+ERrrLmijrah1Vf+H584VFRH4cv2bK+HexJCSQmJYheWJvmeNFsKhENlXZ0iyI8clIUmzRSF9eZjQ2pJUJPbaX0JY5+WP+LhFNbJzo70WF4NaJm/4UrzTeLi+ysWG2ohPkpSzyaKayoSKeZptffgrEvGj06GRb1U/KbxUU0REJxiY3v4d4dFv5TDSaaa01H0LE2p8xv8mrB9ctNk9L0XOt6xTZfeZiJ1PTp7RvEvpJDvMGm35bTsS8L2zjFKUr3rl4pfFw0bW/07WI3ijbLhiiUme02ev9FIx3GtRN8G2/CH5ekbtb/IncV8fCrFZffjEQ8VbUx0zZvDUYl0u0RcXFdHhptcM8DZa2aKazTXeIRHR08UTfM8Y70TZf8+PJrR5hcTFxrFN83fQdqbk8ar+MYW9kErG+hNV1KsI7VVr5b8IrbeLl0c2459iptQl0Olw2Jr4V9l/wo1StpbX7O94qSKsqv/WIKclzLV+xDVpKvoTxWOrydxJ6Qw+aW/8AisQtOEovOITFK7ivFeKUvJS8sRFfLi9sSOq8OM6Kn4xS4mGVaWm22NU3hkZHjRVsubitFKmUTip7aP75OylZoWieU75lbHtvhPrlYuZmly/STyjpP7ScKpURE3GvQjSDXhraKX4cZrxCl4w0qnOGXFWXSaFKJvh1YqKPio0UVyu4oK0X58t4uzgqNDOvFbvpl9nEWKJtFJMb4mdaxovJXwJmy8K4pTfGNYuGCrRuqRRfTFpknSrhVp+hZMomT9VaIn45WxMddNUbNN6WUy85pNVtKsuWUbrGzlKhVxurlcNFK+KMbj9JQURm2aLFF76TE3o0IFZKdpq+TcXheBv7YhAokkkukJ0pTnNLfJfhSlE0lGTuppCKtp7t0eo8t+IVrHm9oa/A9Wm+WfhvF4L5OSC8ZbS5YhrWq3yloQiR6aK8plE3suODThcUSUnVfFTevwkivjF4KNKE0uU152UElNt9bfkrZtzeN9lGylK8ditKZ43Sb0m2tdwShJwkqinrY1JTTLgr4XZcaxc3jNLirFs+CVNxL7Gbfk12QvsRpLPPbI1vX9/suolfe3/BMR/hSiKJm8WeRWJNYT53ikFivsT5w0LlGxkE98FKUvJ3lO37nTFIm09ua2ce/wCP9M1orKaa32U5uetlNqDYotz55iS9iyRVoptJJaKV5TSpWfu/X4JgfGkMorjqOSS557zRCNzhl+niv59fGiIia++9j5XldJ/6K5FrlJqemiFxTWOvsicZoonS/DsqZcNxGhtFeX9Dl+dT6fhrhmqZqsSS81LsiUSWkovSxSrnFZS8ZqK0W+Svao6SvcVpENbbRTYmUq0JjN6c1jkTbKrjTaKs0XptN/QsOiNGnjQsDTuU5jPaS1+Km0IV851tq/8AxL0jXPsqKyp4pRusflQo7lvFJwyCV8lQ6Y7FI/D2hWzyj2Q21/VE0lxZEJiFH9FK+fQ6WpG1OP2WUmsJG9kEy4738e1S6zohFm8FEm0rnKplVHtPa30Nm3ivztOUU5FRNKgeqVeG5HhmxYiTswspLoU+L+sXCTbKi5bEeJlwtClSS5Kvw+sKyUj9qqGjTeTpL+lK88bGbY8FqJP2xVpV5uamP6122Nv17HGRyt/byxS2s7W0Vieac3FXfwrxRKEccqpNNWyMWJR20cvBKJGtbNlLirNN9DrLhorc3yo1sq1W22clbdY7/RYuHbST6ux43fSbVqLlMuKQpcXh3wUr1oc0TnGkJ1IQ/FFB1b5Y21356ZVSJUQiVNl4OtCyjJpOFtt+RnCFEtwq4xtvFeIQuEzZSYStN/DWsNa1o1tpP7F8SfmuClKzSbV6uN4gsbor7QmUuLzs0Omi0c2aH3K+W3/Uo3ppG10lx+XwPdVbNuk2VlRouNkIQjEV94hS/wCnTuZT1qSK36R44JhunWN8G4+F7K4nSNttsc0daR4aEhENW015r3ehyRbGnT5aXhPLHlnlV1Kf0WEbrVWk12vWLhKQaDolVVscrPWlT7PULK41M00b3oo2X4O8Ytrg/o/KEzfWro1OyRMZJ5UtJpcP7NveNENjbPVxspPOXOaeuDn5UFZt/g4cFE7nErN8XwoUyMrjUlHLV8dPNhWHpKHpJ0aWqbtXR42PkSHvkk22nKrhMSSJOEkkudY9Xwb0nj3WLUOE2ibTnlOiRjbO3j8RV6aHdNJxrSu211imlsdI5mjfErtpdkae7eoPjbdQse1zCar0muCl5VKyGVFXPSK0UbZeEUv+lR2r4PJcoqG0Vs1dXJrFZom0oJSClN72LUKy43jeiPFL49lXHspt+DfZSlKVYp5LyV4TIeHEWy2ykWmRS8lL6Gk0c2rGVzf8sTqT7VWKN8YaTTTSZGP88VIpIUpWVlRTZM0bnCKtttMbHJXtmK0SdMqSdY08teHqP62LWG+Wvp9HqFKOu4NVco2/Q1pjkiJmyfKfvCZONOmNpbV2bvV4E2UpeBfEpLTiXCrX0xNWyfDkTxS4uEc5e3DWLLpJIbvEY3tt2CeaivFKxSbPw2k2s6ZUvGX3SlQzsmKQ0riaX8LpFsYa5bEiSaTTX2XF52ITZCq333srKUkxbbYpvP0XIiRJJJJRJaSQtaQN8NJr+irSCS4S0i6K9Vl4VE4oXhMqWoXjeKMuEay1nj9FfWN6KLEuoJFwuWbJwUaqaoyoGWyuZgoUTLSe0U093ExUdEwimze88XeNLzi5u+cJWnw2W7qd8IfCqfWz/hZF729ITbKJtIyWm0m0hm0RfFLiZ8PDSIR43oTZdMc1CybL8tCbG6NmpetH+0N+j0JVx/U0RJJY42VRfY1EsibaIB67bdVlLijnotCric+0LSyqdJKJCpSkypxu300XFLivDKUqLziIeKy4jZZ5ExtrFKOO5pUUSWXxUQbU147KyvFKU2XxTWG/RSl5xvmFKafnFRUUrzUVM10axSlKuyvSp2OiZUUrLihr8j4OghExodpmuhT77vP9GTd8Zvq+i4qSw5jgj4ct+17LwacxrCeF9Ced43johMVZ1p0qHkbo6q5at9CLBOHppfliNEkiYdp6XCcFJpNVzK/NICXl40k7xWVbaLnt4RTnwUpRtFEsbI8v9tCRKdcvLVMSiSkl1pI30MxTaTa6FtnIkqmn1BW3puJv7mylKinHjFKyjqrKV/Xbb/AlVlpPba0sXgeq1rbbptv8DB466I33z4zcIr7GbKa+D+HQmVFZzClWjRWrst8leKaKUbhSsTzcTF+N5Lmym9FKXgpeVjW2XjXjF83EfZeRPFLxrElGhPmENDTR7gmht3+kI2QjSohrCNQ0dX/m+sURTUV4YtK7RS4qE+WXKWHivNE2UhU4UqKijQiGykThBtLEnnFK+aUrxcNiNKae7i/NTrFKyWn9EttjVspKnf2+srFGNJzwxB5ytuE3sjU4ppW3mP0eGa5Rwc3rS8tNv8IUZG65xq6xc3DZfhSl/wAKdlZSrFxSjm2XjZZ8LyKK35122NsmqJ7ViVEbYFdJt3h9iezReCoTKuyplEylWysrwhsuLwJleKhKNtxDVsfTSf05Hi4q7KVlped4bWdnkvxfRp/psVdiSW/AlqrtWxHwrw1zserf9bGqTamtiMtq/FYn0ldeOZsSxqfgibs3CGuy41xRRwqzeCvR+SlLC4nGIh4TTuxFE8fgqwbE2dsgjSNGiBWHuRtrrGlQxY0rze/1iiFFb2XDE8VR3qnf9VC/GdidNO/A38fxQ37XooTOfrK/6S9/mov0jgRawmbKUg1pp9CbXKT8jgarqvk2xs0tUR+IfCixQ0s3W+XSeYVidWNEpsqKiZ3ovymWXjF5LhzZSp+CpEQ6lGlbSPzryXN2JrCniJuwQ8A5OpH0vHxRMKMns7eNjbxt5jbIQvCNql5VGk1GiehtmyopzEUrX6NOKnX0RH/h2VbNF9l4I+8bcOLo32aGNaGoSImM6JZN6IjifRSn/o3wV/CGyPFKb5Ki488+Te9num8VoqNlKhm06WyD+j74bNktlbNo7FS5T4xoSjZwczaE+HIvhcTOqXhFKUtKt7K9F4ExvF9DWtFu2T2k/IrpfVcpfuTFOtFKtMfzZ+U/6XCmb5hUW4vBeCkYoUuG+CldL4hV2VY04VF5KuIbEKU0tI1U54avAqE5nKQquqJjIlUV9LxilRTQEhIirn4NiYy61S6VlxoTGzTh2zXNKb49Z3smVXRfEKS1XHevBwykNFZCsrU+zRWIbgmuy5vGGN67wtCVFIVfDQ6wpGWTP5G0oXFxoc1G1U2/r0arVY67V2bGpWi+H3+eENuqcVflMdNTlEkxTvRTZ4JkTqhJijRL5NNrqCRvHCTZb4Ky4RBW1hL0vlv2NGTarT8a9LtlzTpiaKylKsUhoi3iCmLhD1uifaUfn0N7pNvSMkkukX4RcwheNCKXFW9lWhNF+FLxntfCIvBS4TKlSrs10MKaKVuye6LbiGpu5rVY1dDNtteXeXfJtlRSpVCLh54ZEolnZ0J9tIvj5K+BJIk4SSRWRbcEU4rK5tTtpTbNON+kOp2x6ap/dNJ8rf3Y86E6yrFWG0V/DZsvGtlEzlJnROctoo3NycXSKaJsS0tY1yUVok3yrOZ6G1RfVsJOL6K2XNGonaX7KDL32v2O21vwJ3af4rPGl9bEzKS96xGo8dciH1NqOyYaTTTjE/Hb3yb/ADFBREqVfB1JtLc0uBUdZ9OMuu6S6IvNvONOMQxo/NpL8kJuN5pRMvmCJpU0aOaqeOPML5pfRcUj1inTx0V9eS8CS+FLjQ5kuq3TaX6HlP8ARPx4LsQ+4LmcJtoS2yicaJetcj+YjJdkvOK8TiSbi++hBZIUogyPhvSpovGjeNLNNUq2xvFKXNKVdFWKXgvhonC9fBzEVbiS4Tb0r6NB/QbpfVTbNWiO11IvKa59IWklW9bKb2yl5NopSjKzbv38KWM5JbbljTb3zyh47YCTLSRSG+iJYbx2sa7NYr2VO7NDbTlG9U0azEQpRkjjy2hrjgWLClZXPUMTNaZrCLKoKRppNCsVul4WLr8ja1RI+GaKTNcpDHWuUf2/Js6HwPTZruokPtY10XFfeKlS3yJ45w1IlM+FsqRS0RcWFeUSm9ktL8otRrEEpirNckFnZWbxcV4c2aL26fKDRo2NJGmtNR/RTWqOJRtLUoq1iixooh1NJ1bXJObk6tKP00OrsauawkbL8LivFRXisTwpTZ6ubClL5o2zsQ5lo4j9K2l9JvQ3vcTW61peIcU7LySZpNxfl/sTo1+ZE/42LmX7ov8AjHZKlpucJ9IpS26JCNqKnY50iJOk0Zeapyy8l2XneFyLxspsYbSaqceLi1FReC8lY2ivRVtYuis2XG0VuFLnlMZVeT7F4wZovJbDQ6k0FpU3zOjeJiIrdHppy0mb2uGUVtk4Y51fFqeGJLgilGlU344Ym4QTKb6Lijutuh3t5iKt4Tg2JJm0lhwrzS3yTabFXwl6o2UjTpOJPCxbBGyvNWdFKXgpXvFnkuL1LVg0UOquX4fZXoqeVVN19NMaMlWORqqvSmKylZUrfCrIg9UXTWE2d7+GylxSvZSS0zWJcNt+zyv6VsI/yFTjbtZOTaKymtMr6LyUv+idDTUitoWVu/XLRWUTQ9FTkT8OeRwvdX+wWNlErZEhbKntkn+VSnWzZpUmNQ5ThSabfNNt/llexvCjJvXASv0tmo07WJr6rJKpm12rT/UF2e23UX2ltl8ny9oitpRK39tlxUWwaEy47GzRc8eDQmuimkacOzXRV1jvRRE4cIiP+isibuvb2Xghfbn+D+H8KUpTbhtzG6MQquzXFGPk7QQhp8qorFElv13X7SENDPzSLwTI6ne3MQh1V2ukT+sIuJy+2UTWSRtLa85uFmlqk3Xwl2xJd5E3VaS76KiwvGyrW8U3oa4a1tXTZTR2rm2LpHf0aWKJnZwUaKit+ClQmjRVhGtD8/YtS0tcn2+kI7N0UiTbvbZUTFeh0Q35S45GUNKnjWiiO+TX7KBFoOcFNdlRSlSm8PCaZFioWpWRpp+UyroaNY90bRcTk2t0c61noS/+sWobVWjb6XLFadaX6u5+DT0XDGrTjkXW2WeStw3hzEflv06eIyC70UszOS1J1LlN+xyLIzTwU12VwuFEk/GjbbbfSvAhDLzspom0j/qGy6LGnMRF5dy/DpOH0ip+XyNrRMUuIuvhtkWNZpfWYXRcbG0Uw66pZ5G6bE1jXp8pCFdEPYbSNE32ir/wULuEmmyeXmKhLDi5S/bFuKeUJrFnkYr2Ka56X2KUqhK+PsaHJf1v/BJwf+J/pb5HUX1FWJzrs7Zs4dVmFZXtw15Gk5+t/wCCQ2JziSXbXbGuqU2uUXR3hsThV2JsuK+8NlNlKXFxTa1i6TkE1tU1VolvlTRcUqNZ/OG+WJiVqJ96FijadVJITbSss39lxVl3Q35hcUpIU0drl+I7zCCLmtPFKTzDRcKbrcpX6XA7oJ/tv0vLNhEZfQ+F+uSjfA47uC6XtiwajmJ7+mbia+U3/Dg5q7ITZ7pvQ5s0ml+W4h5/KTtftDCVYjbp6edJQ30UvOiqpU51xe1S1yjO6mvDRS03DZRvGuF0z1+EcrlS2yWvxWNvEtK20yWXyx2ekbSbXT6xeCsvoiRsdNvEzRtdYq1C4qI+hMp3stcpzivFW9lKUpvMxUOI3brb6XkUQvV5oylOVA6JGoVNtxb+uBpMT4Evwvi7FS+VtuqR9fQ1DdGyVPoipi8MTKbytUm+HTerb7e2zWIkTfGKVFwrsrypWnw+SCkor6NlNl5N9iZRTUN/XIiK9qpcMpXadvdG8b6KuymjXeasaj4x1cV/Y6dmWn5NvpvoWVim89rtCSJFwol4SF4NmscChUylxZhNFGiNtkRoiaSVl8nRPRDTXqJiY20uS/CcYogNXrbKPiJoUm1Tr7LFOP2XlQtqK9kKhpOJq/1FK+aXlCZRpdtuRdJeh7/81SzN9aLsrZWiMS5GNGuI1Cv2+RCESSGla+HNxtcNoqRoZ4fRZ+ivor3jpl5ZWW1ZhMJ02Tkp/wBWKuIUvJMV470UuYRqY3sdOV+5ssqx81v/AIaSJFwznf8ABCS4IbLpZpUVl1BOPkTHdlxovBS8F4Kue1ieyt4rLhvjRSrZrbxc9aEScCRXorEjmhQdE8XFQpbbkRzp2E6171aX9Lk1JHVxNrt+Tyinuminft+CCasPSqftk7dq+Zi8YitaOt/g0Net748mjovBrG0dlN6dOsUqaZAWo+tTockmhJ4aarEyITLyVlRpPfjzslta8wi/kGTiiUqS0l9einWhv/TycFGxspUbc0cFPI294dYnyX35NlKzb32hQabvrhT9E4V8RlZriEY3jRW4XkpUTFWxtFKzT8FxX8KQus1YRKbsm0Zvw+EiylbSvImTVV75S/Qk0zRfBeCjb0VPzlvFTKjU+CpvvOylxcUheClKLxhaKbKWFNGjsWoUaPEpUt+uDYvW1yX2xbptEe97K80WaVJNt65dG3TJ3hV4SO/wTWoNsrLikDJq+y6+ieBtJwp5b9Ic6Rw2+G316WNmxtdNrfKL67JTStsr/vA3OK/yF+X4G5tcVlxWU0d6zohC0ZL4SciiqxbbG39ujoylyStO8TRcUpbBNFLyyrRf5rjo217myFxNcJJfovspeS41sqfnEZeSs5I1hiaNY2R4p6lTFomxK3SS8tctfeIVFQ4afBeDWEhP1mm+iSu5uU0a4KuYVYp3ii6bfjXSLASjZ7XmfY1TTb8C44LipeSnehO01xC+aUudouaUpRN7c8FK+IV/JPNxVm4VJ7LyV6EIm6baT5fAkDRVXiS9CQSQWXk4ThMUSKp9pLwsJtlIQjJiJjKpqNeGmLgfrTEuBJFZSlNkIi7AivOt6NIbqnqPtNeRJESmL4pSlORxGhspUa0U2IeXfIrnk2/LYmuijRvG9HWKVaFVpvjfkV+1R9Xq9lxTfWFTte8XnRRi86LhPWP/AErxMu2Itsz0mxqtK3eW2RHpKJqqzaXkvJUdHRvGj0mV8FEK+yutF4Ktib4xeRedZnwfGHH8Im04hFwSRo0QiIvhS3CKxPDeKXgpfeNMr1mieN3kpTyfnxi4uan5Ki/Blm6O7Sv63fqCEbSfPlQvseLCpxUpcWv43NK9Ir1sr7zSkusaNCH3RIc3vFP/AEhCwsXJWQop2aOsWeCp1GxJU0emdV7f4QvZIknqk322lWKkVUqLy+56JhtcUbRfFLE9lS3Cl9jeLyjspYjoT9/CJjRbjzPS9sU5l3ap9qLwPKo2kk8pe/bIRlKd6KRdeS8qGi847xul4JivouOxQqzfh2I5hefki1LWNHqHGIUpWaLwLFRS4pspoTY8UvGEO6NUuKLF5xHsTfAziiTGnExPSSRL67H74RJJLgsk41VpeUXN2jo/OKvjPj5XwrN/Km8bNDKylKUc1mlK3mPDScqsevT7HKU7abdbjpLhFaxEaV+FzDeKz7L6KNiG8zbzRMjKVY2bImfbTNfwqpq+GuGha1JKGfT5WvIxL1pl0mXO0VnZ+PA2+vBcN8sTbp2Jvn2RFxTnwVIpReCPrF8MpcVm8Vj4K0X3i4q/majeKVFN9rFRS58YqKyt103tFKhPjCa78Yp7pdopXisvBC+KckWGiVtJIbvG+z0hdha1vhFzRNu6KxP0aKVFKjZSyaKuKNjKi8vFRUjT1i8jNlKuylQwhw5T2WFNK6wktEffnF94r4pXxS8l42a/hBk5XgoSiXDb23UW1UzVqSaumTKPtY09ViLonBbqYvo58FzfhEd7LzjrY429BJEBccH/AAVXl6bE0/uCVZJNN7Gu74ESJGi8mjbNeWOafsp1speNl/6NrGotDZFLtFRDeikKUpP/AOGjfwr7KJlYwaYUjTzcXkuWU3hCGg64e+z/AEinP80JhO33ca0KFWylRWilxSpUVH4pCfyj8MQhplWirGjXBp3BdWzT7TQtZBCVon+dMnwUIiib1sTRdmiiZWylZW81nNL7O9lfZSlN9FGyvs71msonwdYvGijZUbxWU26LOioabaTe2IVpP9sY6U0XCTibvSTGzI18qF+YtCSSiQkzZedlTxc7xcb5h1obxTouNE5dGtZeb6SV1tjMzQnhcspcX/RlTO2dmz8l5zsumi6g+4VbLm4nAsUq7xSMuO/hS8H0MVf1oPqSnWoRKlxc1FLwRm8cQo1as+FF0hNqX7hqipetv9IrKjpYpeBP4XkUrYTi4bV4L7FESS0QzV4NopcaEjbJfbiECbVPjyixsTqT9VHOKXNLxhSsom+xMpSnTNiKXkguKtlLzsbZYUqKe5jQhueBdU0VIbTpopvTNGy8KC3q01GK0dpFwP269CKqZNGi+i8niErmtt830Vl4LwhlK+ClNll2dqVFKUo0NvRRNYb5dGj/ACVaT8sZRSklwqf9SFL7Gn2n7GvNKl5K8V48PCfBU20bKbgn4nnF3LikxeS4uLziPNZCr4dlL5uFcJyvBtSSn7b+jeKnfhTeKzYisTbLwjhGkGcHSWxNoombKzQp0XK8DnQ78ryiS/fLFCW2/O57HTlJVmm+a+z8eSifCLyVqCo01PpRRJJJcGmmu0XtXg+mqV70VjSYmVL9FL/pqWleinRRNohWi8aK8XhYrGbLmylKXnZSmqi842V9lRdFRX2RFG+BNclNPwTjZ2Mhk1W1z9J+BJbh5b2f5bGkMuY1smkuWkI0VlZVioq5TK9jhxi8YopWyLrG+yjWVzNrjjhfQoSi9JcJDSz4X2NXO2p1UtlXRWUrK7ilKVt/C+fQnzsq4ngj7G+cej/wXGPB3hHeUeExiH8+sQ4+CF8WIvB1loZvC848Nm8O6/InhjRI10IhJRDwuMockH0bn3yXJJVTeNtum2/hR/8AnwbOzs/8PyeV8HhDH5y2NneHysLCC/8ADzhbw6L/AIchbFjwx+DxlcTZwxymtrisyuri3B4T/wAEQSOys8CRSs9YXDNnnPi+zmCEJ8Kp+7BG07nMH16aiaV7cEkkl4JxvPQ+MLydD5xRPHk7x/6f/8QAJxEBAAIBBAIDAAICAwAAAAAAAQAREAIgITAxQBJBUFFhQnEDImD/2gAIAQIBAT8AD8avXSVK2VivwPj9krfX4tfhjBPM1I/+OqLx+qe0Fx0ge3f6nymp/LJxOO2/W8/mDg8R6z1BqKPmNfX5gXEqHjZXv37oXKrtqpxD72V7gcyiGmJ7ula4jd89ly7lQMVj6zXt372mPnu8Q5YcRaxTm+Og9OveI9pjT5jk1VF91KPeGot9oTiVTH8AEjfvEe0wR8/gfJnyi37gfzE/j0Xz1nrJXu6TiJzHz21KZUTmVKxWysnqhHS+zWwn3HtJbLZqeZbLlstlstlsu/Zt9nTyTUZ0sXmPQFx01sJxOJq3Gm4le0F+yTVkSWR8yt5NRtC48R8ZAZqD6xpuathi/UCPsGmyaishh8x3kb2VOJxGfHGkmrBF7K7SNVx7I1HOlqLc++Y7xpjrPrTsGo6WUx8S5cLiVgLiVsEln5xErJKj5mo6K2qz5T6yNRbwNRb2H49MROHNbKZSxKxp4irHzNRvC5TsJ8Z8ZX/WUymUymUymUymVgierU8R7vENel5dPM16vk3nTVVGsCnifKOrJf1G/uLzFveNRb3/AOOfOTmNVsI+qMW8hGvQJqHY7AZxfMa+tzt+MYESfUBjCPjAzV42DLuPqGwjpavs5NhFa53jUdS9VuecFVOGXDVFuE1NmBqK7xgx9E2EvrqKeIFRwMXjYPaSuMm8ilZ42ErpewCIZIlHbblIW8REgXErFSusj4yVUdx0EXBOPSKj52VtrFbTZ8hny/iLcLI8w8Qai3lKhX30XHBx3kcBLy+n8UlMSscS5cueYm0423PlHUz6zVyq6io+YNM4e8lSpfpFfcf62Wz5MXd/qOwUnyfvo+ppT7j/AFLhcZXQNZ0zV3HE+TLwnpWVtIwlSo8YGo9JEqCS48kqVKlVHxK3mHAXE7iOb9K9lQi3BqKVLi4COalYCVDSx8x2XLg4PEo6AuaisH4psuLmiVKlStn1s0y+eMLvpY+IEeN5EwVH+u4JxExx7tuwcgRwPMIhHbXE8RgR36UPMW/G2mGmfGV0jHBE7yvuNVxgSovTzKZTkhgjvXdb0Vexxc5Z46guJgiRO7QfJqf8mk0+N/xyS5bLlznP1xinsroBjDSviOhDnKVgl1HqrZdS77jiLea3hHiEqBEiVjTGiKfUCOypx4lbCOl3E5jAD/KalwFxyVHqI7auVE67Iu45lIRwNRbl1Lgy8lZvFSsC4Wot5BfE5rcS6jCO4YvUcRbwZv0NCHma9YlGy3NSpUqVHoCXGFRY7Ll7iVgjlyTUddZfHoViyFRdwzmf7lyycZNOWEslR8bDTHqtweZw4Gpb3mCOAuJPHZfWwLlYoyXWKn1gi0xbmnRZHSkYdtZqPjYdRKwRMEWo89wRyTjJxFKmlqLe0YsufLJGqgpFZ5ghkJVbjmAkW4MW8CkXoekzfdeAnxiV11k7hqO8XNbj+I9a4I5GPd8pcW8nMTAXK4wOB6b6CO8jtrIxrfXSTgj1h/MdGkLzWQlR6tOm8HMSsBcNMcAsdgWRKd4JyR5xREDAVzHTmuu8p11t+pW69lQgRYFxxpX6j5wt48T5Obi7LjvvaS9l9RHBLyR7Plm9tYuXeFvFZ0kowlHoErtrqupcufXrhs4nEsnyjkjZL9E8zV6t9AbAxWHb8d5469M1YCOKiV2EdV4CPHSEdj6jCOTecxK6gmrA1EwKRb3hcSsGUwRwRhCOKlSvQvYRISpUCashKxZsCO+snmOby9hHxllQI5ckTJ6Vy5cWXsvffWDNWKuJmt5Ha+No5uec36Gmr5iEfXCDHaMW8EW8DL3mqLe18dr1Gy8XL9fSXNRW2/VbrrqEXn3aibq2aSPteS2PUNS4m13EZe8jvJxuJUdleyT5cVHqC8PSe+R8ekbzs0+Y+I7SGf/EACARAAICAwEAAwEBAAAAAAAAAAERADAQIEBQAiFgMUH/2gAIAQMBAT8AOT+icfrHpUUA/HP8iCfx6g1X7k+AYoPMOD+QPgsxwHy/5zm1dxgvP4EXnRdwPePQ+oI/OFh5FFFwLuGr9k4Fzjgy4+wwHtPCoBhRRRRda6TBk1GPcbOD0zBxuDcwdRg6CYOI6PBgwYOr77SIBDBQtDh0Dhfki1RarCiXluAvZ6mDAtccccccceXHh8z4T8TPiFkwYUUWyv8A92PWRoTBwGCh4Fbw48OCHJ1I2XIY+lVKgiLCrXGNFwridYG7j5hkweMb1zjkUUGBkWjB41zOODCiiitUWrrGPu80G07K1UkQZFJyYL14JtWHHhwVDBMB8h4GBQ9XBSY6Rg/fkqLLjjw6DY4NzBgwes9hq8CGDcwDZ3vtce4tVyvMBv8AkUJ8S93ooootnyOCEwHxQKjBucC17HJgGRFkVGDVx2ioiLwBwnJ4/kCf5PiCP7otX2OkwH0CdnBo7TzDBgtVrqMAwSo3B4BjwYOsQxamlauh7LwllwVvJuMG6pPgqLQx7CLhMFAoMHaYzu6yVl5cGHsN3BhwHD8hRVkQYFg61BxqtYWHt/vC6TcrhY+4wdp0eTBq+Iwau5YcFLwKzQuAx6LYwZGFQ4KBg6DkVLgydyYKjB2DoOVFFzGC0wajVZI5DAYOc4GwwYMrciDwlBzn6gL6naO16PLjyTB1fytYHIYMKw+ArRsdzwHJ8IwVn+QVf//Z)

2. Метод редукции и исправленный метод Эйлера:![Изображение выглядит как текст

Автоматически созданное описание](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4SL2RXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIxOjA1OjI3IDAxOjE3OjMwAAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAMwMAAAkpIAAgAAAAMwMAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMTowNToyNyAwMToxNjo0NgAyMDIxOjA1OjI3IDAxOjE2OjQ2AAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAEUoAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgBAACvAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8AwVp3eoGPUU9RQMkUU9iVUkdqBkgJVc9RjOalUNtyBnIzTAkXkDPXvQd+7CgEetADlD44GRjj61JGpC85znvQAFn3EBRgdaUbtwG3Cn3p2QCMWD4XB9aFLFSWXGKLCEQExgtQVoAbtphWgBhWmFaQGSpp1IRItPGM4JGaBkoI9RUmARzTGSKgYYqdVwMUgJAKXjOM+9AEgwBmnLyORjHrQMXaq5PTNLt5piDaM9KQjAoAbt44FNxxTENKmmkUAMIqNloAwlNSA1IEi0/buGDQMcsCZzk/gasCJShXsadwsSrbJ7/gaf5CnqT+dFwsWEXFHlZkJPT2oAlEa/jUhUEdKAFCDbjtTgOaQAVppHFMYmMU2gQ0imFaBDGFMYUAc2pqVTSAlU8VMtAyRWXbnIxU0bqe9AXJ1kU8Z5qXcBwTQBIuG5BzSBto7ncevpTAl3kYGDnpnHFSBjvA2n60ALNKIYy7AkD0FRRXSyhiFcbRk5FNR0uFybzkK5Bzxnigsvl7+2M0rAMDA9T16CgEEn2oAQioyKAGkVGRzQI5VTU6E0gJh0qSEYQAjpTGTrGpGCKlSNVPAouBMqDsOhqYKGPIpATKMCkUkYUDJJ70wJ9wyMAnNSBgCuAeaQx/GfemK6sCfTqKYAhTeyqACOuBSFgH2gfMev0oATK7h0yeOBTiKAGkVGRigQw0wjmgRyCGp1NIZOhqdaBky1MlAEynFTKKAJVGBUiigCUCngUAOxSAAHNAB1prRo2AVHHSgA2DPSgigBD61G1AEZphFMRxKttGanSQbcg0gLCyAAHnmpw4XGehNMCwDkHB5qSN3JAK/WgCcvhcjFWk6UgJhUi0DJgKcKAFox2oAMYoNACUhHNADSOKaQKAImFMIoEcIh4qwmMYwMUAWY+lWFAPXmgZYQ1Ki4JPrQIsKPlwKmiG1QP6UATxnPTmp1oGSjNSAUALilxxmgBCKQigAxTTyaAGsKYwoAYRUbUAeeoasoaBFmNxu298ZqyHC4Hr0oAmWQDGep4qyjjdjn8qALAYKBnvU8bA0DHru25jxnNWfm2kDg9qYE68KMjJpR5oYkYIPqaQD1V9+S2RjpUoFAC44ppHFADccUgXmgBrKKYRxQAwio2FAHm6GrMZoEWFdQQDVpHUkKcE0AWVwe1WEA6kCgC0tWUpDHLkgKp6HmplD/L83Q9qYEyBw2S2R6YqXYxYMrAccgii4EqqQepqQCkApHFJt4pgN20hFADGWoyKAGkcVEw5oA8wjbjNWkNAiyu3ADY56VbiAz0FAy0lWI8EUAWkNWEYbtvfFICdKlVvn24P1oAnGFGTwKmGBQA9HVs46DvUispOAaLAKWXpmmeYp6c4OD7UWAXjGcjB96YDksMYwcUAIRUZoAawqFhzQB5VCfkH0q1G1MRZUnIxVuPJHXFAyzFuHBPHrVpAeeeD2oEWYQ235j09KtIDuBHTFIZYjOetWFQFs5PpQBPtDKAegqVI1ByKBj1iUdB1qQQoSMqOOlFwJNo3ZxTTGCeg/KgBdoHAGKYsW0s2c7utADGXFRkUCGEVGwoA8hgb90v0q3GaYi0jMHH92ravgenNAyzHIQRkHB9BVoE5XqKBFuFjnHXnrVoNhl5xk4pDLSVLFId21xg9sUDJZSdqkHB9MVaBYA7RyOnvQIlDNtB2HnrTw7dCpHPaiwyTLHPy/QUmG8zuAfagAIfcfl47VEobHzZ6ng0IQODyMcYqJRmMcfpQA0imMvHFAHjFscwr9KvR0xFuNucVbjIxn0oGW4z06c1ajdcgUgLkfWrCsmBk8ZoAtREHpnrVheCB60hlgbdvzdKmVlQYJ6cUwJo3UjJ4+tSgopwSM0rAP3oMHr7gVJtFFgDbmmsmRQBGV9aiZcDGKAImXioTTA8Xs1zbxn2q/GtMktRx5NXET260DLcSACrcaj0pXAtIoxjFWI41A+6KALUSKg4wATVpUBxkdKQywsatwwyKnSNQMBRTuBMsag5wM1KEB6gHHrSuBIsaAcKPyqTFIYbeKaV44oEMK8dahdaYELLUDigDxmwXNpEfatGOM4qmSiwvyMoI61cRlDY9aQyyrY6jtVyLB6UMCwrccKSQcYqzCWY8rgYoAtbcgcZ9qsIrFOOD2FIZYVHIHOMVYjQgdfrTuBMI2aPazflUojPGGORSuOxKiEdTS+Tli24nIxg0XAaLY4xv/DFSlMChsREwqJloGQstV3XmgR47pi5soj7VpxpTEixjaPmUFe5ParKYKZU9sigC0n9asKTkYOB9KALkfoeTmp0ZcHgkjtiiwE8Dl2A2EDGc1bCyK+fvLjGKLDJmLDGOCR0BqzGH/ujpxmkBMPMyvyjB6808FwcbM0aDJ1DFOmeOtC7wo4zzzkUCFy+9hggClGSo474NAFeQzYO1AeajTefvrjinpYNRHHFVmU5qQPINJT/iXwn2rVjTNPqC2LAjDLtIyD1qxHEqqEHQcYp3EWURAOQMdOatxp6CkMsooHpU6Fc43CgC1GBVheGwaBlhQMZ6461MrICBnrSAlRlPX5ecAGptyKwVjyadgEEyh9hB571YUAjIoasAbaNuBikBEwqMpQBC4qu45oA8h0Zc6bCfataNecU+ouhYWEkggkGrKQjdnJouFiwsC9+c+tWo4wBxRcCYRIAWbIz71ajt1Hbj3ouwsW40wBip1iVuozSGTrGuMYqdIlCgYHFFwJkRc5xzUoRT1AOOmaAH7QeCAaVUCrgDAoACKMcUAMYZFREUAQutVpBQB5HoiMdNgK46c1rrE2/5ep71XUkuCNivBwamSFjzuI46UhlqJCFAP51MkJPBY8mlcZYS3AXAJPGOTVyJMKAaGwLKYPA7VNHtzjNAFlQMZ7VICm3OeKLMCdV4zT1WgCTFGKAENJ2oAjaojmgCNqryCgDynw+v/Eph+lbSJTe4ixGoJx39KnAA4pAWUFTLjOO+KBk6AA4OeatxAEcUATRA/Nn14qRNm0kqQvX60AWIgowq7sY71LiOMcqAp65o1AnRlJwM9OOKkFADqO1IBDxSGgCJhzTDTAiYVAw5oA8t8OpnSIfxrcROKb3EieOIbt3fpUyBMluOOCaQywkaMoIAx1qwkYyOKALKLnirEa4pATxoASQOT1qdVG3BGRQBMqipUAFAEgpQOaAFxQaAGZz3pO1ADDUbUARMaiYZNAzzHw0v/Emg/Gt5EpvcS2LCoKdEqEltoGeMnvQBZj2gcYHOKmRlwOwPc0WAsBgg59ccVZUc4pDJgGGMevpVhQemPxoAEkPI2ktn0p4eTAwvPcU7CJuewpFaQr93DD170aAGZM8jgjqOxp/zcE4xjmh2Ajj4DDBGDxkU/tSYEbCoz0oGRMKiYZNAHm/hgZ0SD8a3kSm9xLYsKtPhEfJHHPNAE4VRLnZlsdanXY3YdelGoE0TZwMADPY1OuN6jA56UrDLB3KmUALe9So2cZBzR0AcrndtPrT1kzn5TkU7CHh8kjacj9aTzWB5QjjOaLAPy2cgY64HrSEue2OKNAI/3gQAcnPOaYfMUEnPJ6e1PQBW3GM8ckVGuRGM5Bx3pANPSoj9aQzzvwv/AMgKD8a3lpvcS2LCVLGijkAc9cUhkwVS2SRx2qRXiD443H2p6gTrsHIwMHt61OHUsABk5/KlYCx0XOKcjBgCO9ACCSPJKgls8gVJG7AlWX/dx3p2ESFmBwF7ZoVnJAKYHrSAl6UlACGmGgBrVE1AyNqhbrQB514V/wCQDB9TXQpTe4lsWEqRYwDkDqc0hk6xKzZ5yevNTpGoJwOTRcCZUAGMDFTL7DFICZacGAbbTQEwAFOyB1oAGdVGScAUGRQoYkYPSiwC+YucA0u4DPIoAYZUC5z1GaasivyvaizsANURoAibNRHNAHnXhPnQofYmuhTrTe4lsWE5pylxIc5xnigZZUuGXgYI59qfmYHKjOffpS0As5kK/LgemaeBJzggelPQC0nSlVSGJ38HtikgHlAybTn60oVTg7s4PHNO4DgI+c45HNP+Taem0dc0tQEIjOT8oJ64o8xCcZGTRqBGWXgIq/j2pWkVc9PfFFmBD52RnqM8UPIoXOePaiwEDzgNgg03OQGHGaLAec+EDnRE9mNdItN7gtidKfE0hJ3r34xSAlDt5pGeOPwqxE5IwVI5osA7LKxPPX1qz8+4EEdefpT0AeI2x17+tTsiyIVYcUXEPRSuBu4HalRCp7Yye9ADggxyAc9acI1wRjrSuMBGo6ClCgUXAQqp6qPypCBnOBRcCJkXPAxTGVcbSOKVwsRuBjpUJ44FFwPOfBxzoo56Oa6ZMZqnuC2JlPNSLINxHQikMkEqgjJ4PQ07z+cKpPFOwixFIGUHac9cVYSXcm4Dn0osBJFIWOCuMVYU8UMBFZ8nK96eA+4kHjtmiwgaJnyGIwRz9afGrINvG0dPWi4CMrnOHxzkUqqykZcnA796Qx1NJpAMJqNjSGQueKiNAHm3gw/8SbH+2a6dKp7iWxOnFSDGc+lAEg+Y8gVYQcUwJgduMDqamFICZT6VIp96YEgpwoEOoFIYppCaAGk4ppNIYwnmo2NICJjURPNAzh9JjWGGURKAvmEgCtQFjGQfrVdRdCVXYnp8vbFSoJMtyOvBp6CLMQZTk8596lWNjuy3BOR7UXHYkSMhSM9fUVaXpRcRIpxUgbvSAkU5p460AOzRuoACaaaVxiZphNIBpPPWo2PvSGRk81C5pgcRZyJEJA0igl84JrRSeM9ZE/76FMCwk8A482Mf8CFTJc2+SBPESP8AbFFwJBf2gHN1B/38FSrqNp/z9wf9/BQA4alYqOb23H1lX/GnDWNO6G/tf+/q/wCNBI9dY07/AKCFr/39X/Gp11XTiP8Aj/tf+/y/40ASjVdPx/x/W3/f5f8AGl/tbT+v2+1/7/L/AI0AH9s6YOuo2g/7bL/jTTrel5/5CNp/3+X/ABpDHDWdMI/5CNp/3/X/ABpw1bTiONQtT/22X/GgBrarpwGTf2o+sy/41Adc0r/oJWnH/TZf8aWoyJtd0oddRtf+/oph17ST01G1/wC/gpWYaETa7pf/AEELb/v4KhbxBpOf+Qhb/g4p2Y9D/9n/4THkaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLwA8P3hwYWNrZXQgYmVnaW49J++7vycgaWQ9J1c1TTBNcENlaGlIenJlU3pOVGN6a2M5ZCc/Pg0KPHg6eG1wbWV0YSB4bWxuczp4PSJhZG9iZTpuczptZXRhLyI+PHJkZjpSREYgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdG9yVG9vbD5XaW5kb3dzIFBob3RvIEVkaXRvciAxMC4wLjEwMDExLjE2Mzg0PC94bXA6Q3JlYXRvclRvb2w+PHhtcDpDcmVhdGVEYXRlPjIwMjEtMDUtMjdUMDE6MTY6NDY8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAMCAgMCAgMDAwMEAwMEBQgFBQQEBQoHBwYIDAoMDAsKCwsNDhIQDQ4RDgsLEBYQERMUFRUVDA8XGBYUGBIUFRT/2wBDAQMEBAUEBQkFBQkUDQsNFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBT/wAARCAT/A2MDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwDyv+KpV+993NMXrTmX5s/N+Fc5ZMv3umOKY33jSht2Ov41JQBGtLTm6UxaABm7Um3bSNncPmwtPKhtpD96BoRaGp3l/Mec801htxQMWPdk/wB3FTLjI2rnikH3R9KRu1ACn7p4xzS+n0qT+EfSo160mAqruH3sUfMrbQc0/wDiqSkhoaFK4zUlIse75vwpaooGXcuaIlVVOWxzTv4fxp6/dFJjQ1VDNwc1YVdqfdzUP8VP7UkrFA33emOaOSyDblam7D6UKu5qomWxMsYjyFGOc02RdzU4KVYDblae2OwxRuCI0G2pwo2sf4sVE3SlgVepZR9aOUodGDJgn6VMV2q3y54qCST92cuPL3dvWqmqak1re6XFGdwuLwQsNucqYncj/wAh01G5MpWRoQ9B8lWF7cYrL8N3Et1pMck775fMlVlxjZiRgF/ID861Vqba2GtVclRfvH2qLduWnLSt91vlzT5R7Dm/h+lM/iqnrc15Bo80tjDHLcxIXSNxuZsckKvqVDc+1TaddR31lb3ERLRSoJEZjklSMjPpgHGPai1g5i4tPj+9TV61MvWgLjFXcx+tS+XRtHmqcEv0G04I/GorW9gvZpvJnjnMT+XIY33bWABIPvgj86AHyDatSQ/dpX6fjSqxX+HK4oArP/rDUibc805WDZ2jHNLQAkihnGPSn7dq1FJ2qYfdH0o3AbH92pFXdmk/hoiotYBsa7SfrUepaha6ZCs1w6xtnZFv/ic9FX3Pep/X61heKIJIbjRdTi2P9jvUEkcvTbIyx7h7jd+tVFXZMnZGpY6zaalI4tLhZxtDeYn3WOcHHsCCPwNX5Y/lJznJyaht4lt4kjRPLRR8q9xnn9c5/GqGq+IItP1rSdN2ySTX0jg7Puxqkbvub2Owj8KOXUaldGki7T+FKv3j9amVmxhQFUk4C9Bz2qG8kFnDJPMGaONS5Ueg649zxWfLdgxst9bWsqieeOIt2dsGoRrWnzXKWsd1G0zsVjCnPI61iaP9p1zU7mLU9OtY5FtYp4WRcsqu8gCSe+EB/wCBVc02whl8ZahNsIj062hto1xjyt+ZJGH+2dsYPsFrf2ZDZurnaOhHbbStu2/dyuaVVZGKuuXBw2OgI4P6/wA6e3bjFYp9ClsCKGUbRinY203+H8ad6fSmUFNZugqWNd2aYuItzZVTydz9FA6mgTYrLtx9Kb82/j0pljfxalAZ4g5hyQrN/FjuPapIbhbhWKdFbbQJMiOdxzTkXdT9u6nRja1BQyRduKe33R9Ka33jTZPu00JjlXchNM27ad/yzFPX7oqiSP8Ahpq0+T71IvWgBVp38P40p+UBgNxzkj6dKrWup219c3cELyPLbSeVM6/dD4DbfyYfnQJsnkXcoPtVdl2tT572O2KJNLHbluB5n3X/APr1Nu2qRjaOwHT8KLWEmQU5aRm3GhetAwahWHzZXcMZ/HnB/DmpGUtg7sKKxNU1S5mZ7DT4pDcTAp9qYBYYMg4dmPBI5+X396qMeZ2IbsXdL1e11yxS7s5POt2LKJP7xBIJ/MH8qsLWJ4FhSDwZoqJ90WqDOxUJIGCSF9SCfxrcqXo7FqV0DLuXNQlflIqdv9V+NItAMrRr5cm315p5j4NOX+L60kudn3crQSR7dqmoWXvtzU64xwMUu1WXnrQBW/1nOMdqRhtqdYxu4p0i7SPpTQFZW20/7ylqc1Rt94UwFjZWBz60NjtUi0bdyt9KAIWpKeq7UApq0DQ1ulRtjyx/e3VLN/q6hb7ooGxrbtx3U1qft3MD7U1o9qk+9AkRsxzjblaRoxt+UYqxHJuIHtTHXaxoZRTZdtSsu5QfantSVNrARLH8p+tMaPauferDdKbHn5v7uKBMryNuA+lRL1qz8m1sLlsVEM7RuGKTJFoooqQOFjqwq7mqGFeS3vVjduoJFZdoP0p7fdX6U1P93NPf6YoAb/D93NIv3Txjmlj+7T/4aAK+75gtWI1K/wAWF61C33hUqNtoGhI8bjtG/wB6P4umKmZtwpix7vm25o3GPj+9SfxUL9MU5etFrAO/4Dmmt9MVPH96kPf60ARLUkTfPtpFp0f+s/CgCTbtzTlpu7bSqwZvu5agaBqVakXO7kY4pPX60FobQvWnx/6z8Ke3WgoF61Oijruw1RQrukq0F2k0AIzFupzR/D93NRx480/3qm5wc+tADI+h4xzT+GVgBk8E46gUxV3NUm3awoA5DxFbX1gkkSFprG+1S0l+1eZh4iZ4l2kf3flH5mutuLOG/wDsrY+eBmeM/wDPJ9jICPrmsPx8xXwzcyd7d4Zl/wCAzRsf/Qa6WGZLiESR/cbpW0tjPl5nYhs7WOzjKRLtRneTHuzFj+pNVvEWuroGkXNyWVpECmOFv4yWCk/hmr69ayPGOnpqfh+/g8lZp2hYQjv5hHy/oHqY2k7MdraHQLH5ka/OG64C/wARKkfyDVhWuuM2k6tcyuqzWc05O7+FQzbF/wC+Nv51r2cKWsKwIu2JPlCP1wOKo6po9nqAn8yDdmMjylbhm/gOPYk07q9kJl/T5JLvT7W4BRS0CycdSCgyf1p+m2CWFukEZZo0zt3ehOf5k1W8NXRvfDulXDFS01pDISq45KAmtWP7tYy3KWxRvLy20/D3MyxhjjBp1jqVtqTSLbShyoC5FN1Cze4lRljgZByzTLnkcp+pNWLGzlgkwzbu5XyuMnk4PpT6Fonu7iLTYxNMS0aEbtv3uf4V+uBn6VzHgG3aDR5bqUBri/u5rqVl+7uLlAB9FRR+BrodQA27xD9qePPHcZI4HvkLWT4cjubB7+3kgmijNy8iNN0G7DMD77y/6VpH4SepvK24dMU5etNVdqj35pxm8mNm/u81l1GLLT4+gpsMn2mMSf3qkWOmAsi7mqP7soXG8kcL7+tSY20M21cUtegHJ69dSaPd+RBL5UmtkW0Mn/PK4J27vwVj+dbGpXtv4c0Wa5VN0cSHauxm3fI3Bx2YlTVG+s4tW125imGDHYqsT/3WkkOW/Dyh+dW7GY6xpeo2l/ErSASW1zubhtyt82PXbIpFdDtbUyRR0vT57xY7uS9un1BmMknngxRgE5kiVT1HbNaPizH9gTER8F4sfTeP5dPwpYoNWs9kK3Ed7GGyGmVxKV7bscdMfpTfEyn+z7aJj8017bRnHbMqnH/jtFm2NmxP8vmssXmMvITu3sPeuSsY7m8+IUV3fxxxSx6efscKdR+9Afd74YfpXXsu6Rm9WJ/U1UvtNE99Z3Qk2SQEr9Y2++v4lU/KoUuXQroX0CqoQyZKAKfbAAxVLUtQsLeRLW6uIlM6t8r/AN0DJY+w7e+aqLcTy+LrW2BK28djK5Mf3jI8ke3PtkSD8Kk1TwxY65cRy3Y3IImtn2thHhJBKn8k/OlFJO7ESeHx9tjudRZWia+O8K33kjjG2NT9SWb/AIFSabmHX/EKn5N0sJ+v7oAn8waVprHwraL59w0MLvtVSrShAT91QO2c/nVfQ9Rg1bxFqt5a7mtGigXzuQN4aQEYPTjFa8zkJm3/ABDnPA/kKkpY1CrxtyeTt9cU7burnLWxFJ92lVM7WXblSpO72I/puqZY6a420XtuPlMfTdTC29zDeTxQNDcSAvuUGOPJKnn1VlH4VkSatJJ8M5tQlYtJcaU0qnIOWkQBOns9dJJp1pdXEctxbxTmMhj5yqQApyOvvmuW1KEj4erCeCgghxGAAMTRpjj610xUbXMmrM3r3ULTwdosbXTfLbotv5arvklZR9xF9SwXJqhZ3F1HpWk6xdIk0s1rC95sXbgsgOSPUE4/4DWxJpsNwzzsD5ssRg3N/CjkZx7klareHUW48OWttMm1YrdbeSI9dwXYQffcDVaCNN7mKGGKXeFjOfnYEgZHXA5rPtvEEN9OI4IriUE7WmaJgARwCN3Y/wBKi0uO5m0W2hhn+z+XujOFBK7WK4546AfnWhBYvCFZ7mSbA/5aBRg5BBG3vkLWeidmPc5++1C51TxcmiQ3T2cCWbT3UsKDzDIZFCxIeqn5QSfRqk8s+Hb+wkjZpLW4byZPMYsYpCo2sCepJzVq50ddPW0vLZFa5hld5c5HmiRiZgSOchscfSoppJtb1SziijuBDaTLcSNLGyK8ihgFj3dSCTk+hFX0M7WZv7doAPXuD1B759801qljB2gk5ZuSe2cYP8qdWDNUQKvzbqx9RunXxBpMR5hlEsYXaMSSkx7VJ64IDVvt0rH8URg+G9RkaJZfKhkkVW/vCNiKuG4pbGV4Nu/tGi3Gqy3El1BeXD3iyuCwSMgEKuewIUfnU1tHJovh2Fba2ku7md2mMMeEMk0hyzZ646Z+lP1yz/s3wW9rbLGUhtkjSN/ugBf3n41tSsArhG+Y5x6D0xWsnoQcu11qS3+n2mqLa3E+oSMnk2oPCLG5YjPUAAc+ua0dNlksdUuNPeb7Qnl+dHJ/sMxwKqafpepQalJey3KTbvkeQq7usHVo0UcKSSuW/wAKlmjkk8aWgMm8Jp8u9sluWljC+xwwYfhTaUtGBqXlxLbxiSGAXErMqhOwz/Efp2+tN03U11BWcLIjoxjkSX7ysPX68H8aqJod3IWaTVJgv8OyKMKB6fdJ65rVtozDbhS/mEfxEYz+grCVlohx3GzOu1mI6d26fSsWXXrmPc8GkXk8UOXZlZcNjBIAP4VtSZ4+bC5rA1rXLy1umsdKsXu7kxebLcMCI4AWwnJ4LNiQAe1aQJkR+BHZPD9hYXMMttdQQKssUygFR0Xp7AV0QYt8zff/AIvqOP6Vh6Db6hNqBmBuYbQg+cNQkRpZvmOAI04RQMYJ5roCTuORg+uc5/HvU1NwiMpkn3qm71Af4vlzzWZYlFC/dPGOaavWmgYNTl+6aHpkP+spiQ2Rfl3UjfvFB/Cp26D61Ht3M31oGyFV20u3dTpBtakWgSGsmFzQW3EfSnNTWXcuaBiSVEtWlXalMoAh/wCA5py9+MU99vl89aZxt46UARdz9ajlXc34VLUctADFjp2Nq0q/dFDdKAIWpGX5d1PpF/1v4UAQL+8bO3OOKlZdoxjFEn3qav3vu5oYELK24MKerFm59Kd68Ypsn3ancBrfeNFSL90UUcoHAcbeKbH/AKz8Kc0a+WctjmiNArKQFcepqCSVW/dkbc809l2qOMUiZZmbACg4+WpGYN92gaCToPpUS1J3+9io17855oGI33h8uakXp0xTG7VL2H0oATtUjfw/SoG+8KkXrQA7bupyDbS/w0xetAFlaGpqru3H2pwXagoAF3dqGzxmkh/1lPbrQNCt/D9KdH92mrT1oKH/AHose9RtH5eB+NSL9006OgaHL90U9aXd2pGXbigolj+7Ukf3qYPuj6U5aABf9cac3WkpP4qABu1SNGskZz95cMPwNFAwWIzltuNn171UdxM5vxFYyeIo9YsgzpZWtu4kWLrNKY2IB9kGD/wKt/Sbpb3TrW4Rt6TRJKG7NuUMT+ZNVLRl03WNQW8fEF8RJE3p+7ZZB/47HT/CalPCujIRgrZQA+58tcn881pL4TOO5sUn8VRt2qwv8P0rE1tcRh8oIG4g7sHpxWNeXk000lhYiOZ1Vkkmb/VQgqTz/tc1uliGQBd+4gFfXLAAfjn9Kw/Bqx/8I/b3MX72e6Y3Esv99y2R+Skj/gNaxj1Mm9bFnwlg+E9GO7cTZw53feBEajn34/LFbS9qx/C//IMjUDCRvLCn+6kjIv6KK2FZlbisn8Ra2JP4vu5qT8MU1QZGyWxxSbduRnNBQ49/mxxTGXcq85p24blH8WakZSr/ADUAMZduPpVTUNO/tSzlgEvlh8LJ/u5q+33hS/xUAIiJGqJGuI1UKvuAMZqWlXrUv8NAFab/AFdRhSxHzYWrMjfu9vvUZXaooABGMjac1L5dK/8AqRTVXjNAC421leILGbUI7QQBXkguFmEbPsHAPOa1VbcadJ96mpcuomU9Ka9kVmvvLjkLZVY+RtwO/c5zV7+LrmmLUiVO7uJKw7y9zbvwqSj+GmrTKF3fdXbnmpI49rMdlR0+H/WUAO3bs8YrM8TXE1rosj2f/H40sUSf7zSoq/oz1rVFNCkxXK5ZTuoAlbG0EfdYBh9CM0ki7lUlsAUu7dzjFK3+rPGSQwUepCkkfpQBXtWW4ctGclJPl+oxn9DWN4fgjvrHULdkaSFLuSMr25bcP1Jqwqy6TNMzCWa3aaaT92N3lq75I2+3XPvT/D9nLHb3dzNEsEl5cvP5IOdg4UA+hIUHH+1W6+Ez6mmqnywDtB6EL2xx/SqepG6t7YG1hEsoJZfMbCKcYz9QdtW44+amZdorLm5Xce5R0mzOn6dDAXWV1GXlU5Ejk5c/99Fh+FW+9ItNkba1O99RpWIpM8f3d1P45xS7ty/jQ3QUDYR/6z8Kl3fKVo27gPpSY20EmP4mjuv7NX7MZEj89PtDQth/JwdwH4dao68YJdEstPsgBDfTQQQEHIKeYjE/98o1dLJCZkOACemG6H1FZMPhmJNSgu0uZ3S3LtbQSfcWRgBk+wAbHuTWil0Ey5cQreQsjbfs7rhd39xj8n6YpkcTQwxoygsox8vtxV9kUr8q7ABgK33sds+5GD+IqHbtrNyuyeUjkUyRsjLhCu0EEgqT3yOaq6fpMGniWSM7pJv9bOzs0jbfuKN3bOfzNaEf3qVV+cndigaVhrZ3c8Z5x6ev65prfd+9in7t2ec80xV3UDZH5gUFPMZWwWJHoAf6bqwdBuDb3Gq20xMcrX8zhS2NyEjYf++dv5V0eNtVL7TYL7a0kfzr92QFgR+IrWMuhJOO3GPxzUlZ8Oix28m/zZ5nPJVpyQPwNXmbLD5t2Bj6e1RIAeoasbd1MkG1qSAgaj+GpWXdH+NN27VpgQ+V5nNOji2NmlXrUjdKAIC24min/wANNWgCNl3MKWSPj72Kl/hpq0AVlXaeuaey7qdN2oTt9KAGN8q7ad5fy05e/wBaVulAMrtH8ppirtqahvu/jQJELdKiZfl3VdLfKo96hkXbn60DIv8AWLn8Kasf+zuqcdvpSS/e/CgCPaFX7i7veoW3Z+YAf7tTNUUn3qaARv8AVfjTf4aWnLTYEFMk+9Vl/wDdzULfd6Y5qQ3IqKnX7oooDlPO926nJUTLtZuMc1LF938ayAmX734Uq9/rTP4aYFPDfw5oAsrSNTFYNux609etACcZHy5ao1zubIxzU0n3qFoFLYiVf3hbbn5adu3Y4xTmz/ewtTcbRtOaARGvWpP4vvYpq/dPy5p8X3TxjmjcpEn8PXNJH92ilWi1ih696Yv8X1o/iqZaAEj+7T1pKF60ASKu6noNtNp8f3aBoe1KtNpV+9+FBQ/+H8alRdyioE6n61Lu2tQBJ5dKsfzUqtuFL/wLFNAJJ8pC7c8ZoRdvbFH8XXNPpgE8KXEWyVFljznaf4T2NLGpVArY3rwxHr/+rFJT4f8AWVIBTkbb/FinO37sr70RrtAoAk8wjJXkspAPqQQQP0NZlvHd6PNMYlW+tJJmlHz7NivyYyfQuBWqq7pPwp/l9aadjJlLR4ZLHT4Iptvn4Ly7eVDsxZgD3wTj8K0WbdF+NMWP5qlZdq1N7stCQ/eqWT/Vn601e1St0plEIXcRUyrtFJH92pY/u0AMXrUy9aVcYb5ctihM71yMcUAOakXrQP8AXfhTqAHN0qPbupf4ql/hoAhxtopzfd/GkZeh9qABalhXcc0yNty1PC20GgCGSPn8amC7VFM3Bv8AezTxu53etADlpaWL/dzS3DFVJyqqozhqAEXrUu3cuahhlE0YcEHP92nr1oAdCu2SnP8AepJPu0v/ACzFADactPX7op235S1AEDfeFK9OVtxqRqAK8a7oyfehV21Pu7Uki7Y/xoAipJP9X+NSL2p8n3aaEymfvCpNu4fjVj0+lC/e/CqEhyLtjpu3cacv3W+tN3dqBsjVdufrS7d1P27aX+GgkhYbaSn7j0/hpyxj+GgCBvvClanyDa1IvWgAjXdmo9u3P1qdqP4aAIaST/V/jTm+Xa3vigxblLe9GwEW3hW96UtuY/WpvSmtRcTEX7p+XNQyfe6Yqao5KaJI6VaatSR/dpgIq/vN3tTi27NLSN0oAryfeptSNTW6UANpf4ab/D+NO9PpQDImXdTcbWqT/lsPpQzbTQJCMvy7qXduxTWbdSrQMa67hmolj+ap2+7+NI2ePlyuKAE2qv1xVf5sndUzY7DFNZd1ACBflDe9RSbZGyfXFTLHRINsf40AVnULIcUrLuqTbuprBlDY6YoAiYbaSlVSyjPWlZMLnbmgaGMu5c1Cy7TT925vuU5/pigohooooA87Vu1G3a1C05fvfdzWRBLH3pi/ePy55pW7cYpOf7uVoBknccYpzVEuM8DFSUCQn8VSVH/F93NSfhigYU5KFo/ioAkahVXduK5pn/LYfSpY+h+tA0O3BmGBin02lWgocvWpd22mx/dpHovYB+7dSrWdcakunMpaOWYtyqQrk5FQ2fiKFpJBLFLb4OC2Mc9cH35ppdSE9Tcj+793NPX67PaoYJ1kVWQgqe4pbq4S0jNzIUjiUfvJJOmB0H61W5opE8f+s654qTbuqj9utrK1WSRsxs0ahgrEMzyIqAY/3zViG4+0NIyvuIYqwwRtPcc/55otYbdyfG2lWq655z61XuNUhtZGgaOR32h3ZPuquSMt7cGgm5o9qsD7o+lV4WEypLGQ0LHKsvQj2pZ9Utre4WFpFWQ8hW/z7UDTJW291zT48beBim7tyschR/s0rf6tec0FEq96ZH95qikvIIZEjklRZz88Ue7DyY6hfp3pLrVLexkCMTJIytIFiOcIBlz/ALvP5g0mrgWU6n61YWq32q3a3hmM8SwyYKt3fd0A/KrEkwbYZdscxPKt+X9KmwE9u33l9qkSP5aSNtwJyDz/AA0ryJHtJbDZotcBcbaeq7kJqO+vEsbQzyq8se+NdsfXc8iIn6uaerFRg/eHDA9Qe+aLWEAXav41Pt3AfSq7Hdj5sVOjchc54oJDy6kjG1aryXUViQZZUi3nA8zo3tU/Ufd2DsB0/CgaJP4aatOk+6tJ6fSgoT+KpF60xetPk+7QA/8Ai/CmN940en0qO4uYbO3aed/LhjG5m/EAfzp7iZFJfW8eoW1nI6+fOGeOPu4UfN+QYVbVdv8AePbc3fHAP5D9KxbxV/4Taz+XdI+n3LIfXay/0rXnvEjvLa33eS107CFv72OSP1pyiSTtUkPQ1manay3Ft5ltIVuIiXVP4WI6K31OcfSrGl3y6lYx3CBgHHIf7wPcH6HI/CptYaZMfvH60+P7tOo7UiiSP7h+tQ3jrHZTs6eYqxsxX5ugGe3uFqS4nit4GknZUijXe5/i2jqR9P61mWuoXUarNdRQxQ3EioIT9+EP8sbH3bdn8atbAM0Sxv7PwzpEMciRXUNpEsgkR3GQgUjH1BqHxBPceHrG41eFPNdYcSwtIVUsWAVlU98k59hXSsyuzOv8Z3EehPWqd9b/AGiSzz/qo51kl+igsv8A48oqkA+3yIY1aRJnVcM8f3S3fFWaj8kwRgg8oNp/2Tj5z/30pqS1mjuIFkibdE3zK3rnn+tZyAKVe9R3V6LHy2eNmikcRO/ZMgkfnio11KJ7+WBCS0CLuYf6sFxnYffGD/wIU+XS4D+5+tPWnKxZVJ446elPjXc2algR7d1GNtNvJJLeB/KiMzn/AJZjjPpz6DuKxWe609rL7fex3Ml5cGDy4Y9ibjG5+X14A59c1cQNynf8sT9aT+LP+rJJJH4mnt93rmi1mBC27j0qdccbfSoW+7+NOHb6UwGf3vrTFba1WGpkn3aBMXduWmrTv4abH96gkST7tPT7opq/640496ABvun6UsfRfpUa9akoAjk6mo1+6anao5G+6PemhMgZttKrbqbIu1zQv+r+7nmmxIVqF61Kq7o84xSIu2pGxf4aherLLuprR/LTRJUWpE/3sUrR8j5c80m3ax4xzTAkbtzmoZ/uUknanMu7b9KGBCO1Sbd1OU7OKXduqQGY2molXcx+tWKZJ96mgGSR8j6Uxl2r93NSU1qYEW3cpOMVFt2tVhulM/hoYDGpG+797FPX7ppFpIGNX/WDnPFI/wB6pKa38Py55piRHSNUn8TcYqHufrQMa33hSs3Kj3p1Nk3beFzQBEzeXPt9RmnbMqflzzUnPljIxQ33R9KAINu3tio5F3NU3eoh/F9aAGeXRRRQB5nH92pI/vVAvWrEfesgGt90fNj5qcevXNNX+L60M23FAD0bnbU+3bTI2DZ/vbaFYrjNADqO1P3bqa38Py55oGiXsPpS/wANMX+LjHNL/FQUCVNu20ynKu6gB6tuqRW+QrUcY2tTl7/WgBUXbT2XcwplKrbWoGtSSQfIV9v58f0rOsybfXtSgwuZRHKrn+E4Kn/0GtLzKoTQyNrEU6ZCNA0D7PvbiQUb8MP+dXF66kNWILrUJpdW/s6KVoSVEpaHq8YUc/nn8qe1qtrJBaqizWt0HiaN+rNjIx7kFvyqPWdDabUo9Usy0dwieX8rYby8khl/2huyfZhVjTWmurqGedPJMMeI1xuy2Tk59+taNpbEJXZka3Hc6b4evLFYBdJbr5ltcuuUESFXG/3AGPwq7/b1tpOuXBuWlaDUFhmjDRtlyAyv09AgrdVo5PLi2rMj8Mhj7ZAx+IZvyrmJtNu9Jt9BmkIvTp5EIeKP94YGUAbfooUH6VpFp7kuLT0L8OuPqXiW1trbDWP2Z5XkkjOXIKBQM9wKXR9Vjt/Fmu6dPLGGaWCSF5BjzY2gXr7q6n860rvT3m8iW3CC5t5fMijYYU8EbT7FSfxBqj/wj8l1CLuUQtqO8MwPKyRhQEj9lVQMH1JqVyhZvcu25Om3F5BFH5iKi3UMCfwsVYyKfYvgj3JqjptvNq3hlYEi2pdJm6uLrq5IYn/gQbI+gFaOmwznUnuGt/JiECptk5bqep79etTtpKCZpIJjEzNkonQ+9EmoqyNeWyNIINoA6DKj14OP6U5VIwM5yeF/maSNWVAGJY+rVItc0pal9Dh/EEJXVtYtLonyJ7CSW2fuNhVvk91IJPsRWrHqV42oWtzDbB5LiziMJP3VfJZmP1Uqaf4usbWaTR7y7P7i2uxFKo/ijmxC2fYF0rf1Gx+2RrGsp81CWjkjzjd6nHO3/A10qSW5ly6nN6vpB0P4fi0jk8yWxhhw/wDDlCCwX25qfxyXbRbK6hO5IbuKd5/+eSsjqf1kWtKK0vrtrZb54fLQgymHd+9IZdoO7t1plv4fMfk27yibS42877KSy8bPu7h/CpYkD1Jp80Y6DaY3xxePaaKtysrwyR3dvIoj3As5lXd06/efipZta0y61aw3TxtDGk7IkiksjAKiYQ9CVc1BN4VnvbWCzuLnfZwlfKeMEPIwB2l89Qp281dvNIub2xt8mKLUYAriYRqSZVHzAk9n+f8AI0lKIlcbJDJefD+SB/kMunDarnGwGMmPJ7HHan6T4m/tazgmFtdOLqPeAbfasjNggg9/nI5qW5a7voxbm2EEZYeY7uAjxlSQiY7lQR+FQeE2VbO8tFBb7HdzRIGOSAZfMj/JWA/CiXLa5SKc32i7+HLzSTYuVs/Mmcuw+ZFLMOP9tBSyeJLjSfh9b6xKyG8FtCxEhJBkJVWPP1rQkaXRzLClpNqcE0jNDHD/ABBn3PG34/MPdTWXH4avptDtdIu5VK2lq0AmTpcP5ZVG/wCA559yaOWLVyGrl681AjxIkTWfnR29mJhtCt87syhgp9NvX3rR0KOdWvHlR7eJpcwRuRnZtXnjpltxx71FNaXF00N1GYUvgux2mXKSY7P7ckj3Jq/ZrIsK+a4kk7sBgfh7VnJq1kaKNkO1C2/tCzaH7QYN3/LSP74/+tU1pbfY7WKHc0m1ceY3V/enPIyodqbivzdM/hiqei6wNajmkW0ntlhnMJE6bSxAByPbn9DWRSNOP7tSLTTjcdoxTloKF2bg2dyjpvXtXPa1pN5NY6hb/alkt2ZZWbbmT5Sp2fQ4rol71Xk/iwobPVX+7xzn6gbquDsyZbGNNcC68XaTKowtxbXKhsYyC0Lfp0/CtLUrP7Zp6SIP38bedEfRh8w/PFYMLNp9jZTSiWQaTdSQSzD7vkeWybv++TEPwrrIykiKBL8g48xepGVDL+JH6VpL4kyEYvha9bVI7+6nPzm68lY/+eYRVUr+YJ/Grumw/Y9a1W3/AOemy7/77+T/ANp1l+G9NabSLC9gmRLuZTPIy/cfeS4D+4DAfhV+xF1L4skZlCbdPjDBfu7/AD/kx7ffpvdlFjWZ40t1L3MttvPl7rdSXOeO3Paq+l+VExaCG8dm+XzJ1YE47/NW36fT9O36YqSudaDWpj+JHEekwRuPkkvbWKTadpCvcRqfm/4F0p40ETSQm9uJryOF1lS3YYUsDlN/qADwfXNWdWsf7Q0+eADDMoZXzkK6MHRivoCp596ryyavNCYI4bdLsOCZzN+73BgdwHYnBI+ta30Eo2ZrL+8GQ25cnB/HJ/XNDDaKqaPYjTNJs7QPJL5EKRF5vvkqoBz+INWmrG9mXuZ2vRs/h3VcSNFm2kXeiqSuVIzz9al0+31C0t4YGeKeOJFjEgAGcADnHfiroUSQyIVR4+BIsi5Ug9B+YNTKqqQFG3j7oGAuOMD8qtvQOUoa3cW9to13LfRGS2SJjKsfdQM4HuWCflWR4RNzp2mQ2eoOrXrr57yDq+/5gW9xnb/wEVra5pp1ezitiqeT9pikm8zoY0kR2H5olT3VnHdQ+VPGyuOTt6Kc9KqMrR5TPlswuPtWxPs8qKf+mqsVb24p9q1z+9FxJERgfKikAe3NLGvlxIm4sFGBmpUqHe2hSEmjxuO1U4ySOm0dSaxrKSbVtUW9Q4sICVts9Z2bgzf7q4Cr/tM1a95areW9xE6MyPGUYq2CAazV8KlIlEGqX8KADa0cq8YAGMGnGwS2NRY9uR0wcY9Pb6jp9RSMNtRWNnNBlZbxrrA/1j4z9Dip2xt4G/3pMEMpP4qF+mKlj+7SKCNtsn4U55A2R/FSN938adt3Rg0ARLGe9I8fFWNu3FM/5bD6UAVlXbS1LNSdl+tNCY1KdJ96lP3j9actUJEPzM6gU3ySrtmrX8NM/hoGyg0f7ypVXaKlb/exTG+uaBISmtUkbfNtqN12yfexQNj4/u07vTNu5RzmpGXbj6UEkK/xfWlbpSvuzwuabzt5GKAGqob+HLUu1l+8MUi0tAmMk+9TWbauKkaopF3NQSO3bsVHIvzZp2Nq/jSSNtUD2oAZu3UMu6P8aRZKGO5fu5oATbtWomqfbuxxijy+aaDcg3fKVpirtpWXbIflzUq9OmKYWsRbdzU5l205qa1ADW6VCy7qlbtTpP4fpQBXxtpVXd/Dup7dKYtDYAy7e22mNT/4vu5ok+mOKkCBvvCiT71L/DUbfd/GmgFopy/dFFMDylaetQL/AA/SpW+7+NZAPXrUn8VQjt9Kk3baBompP4qh8z5vu5qUNuxxigbJF/1v4Uv8f4U1qWH/AFlAkOXv9alhXkttzTP4qk296ChrtuHTHNOXtTWbcwp69aAJlZVzmo1kG449ac3SmpQBNu3U3+KlodvlVfegAb7wp38R+lNZdrVKtA0SxfdWpWqCH/WVJ/FQUOVdzVL5dCVI1NAMWP5ql27aYvWnN94UwHpU696g7VP/AAj6VIDI924/3c1YXGPlXNRR1NQG5U1fTV1nS7mxcrGtxG0ZY9gcDP57avW7SvaxGYhptq72H8TFQSfzJoSpl60Baw9PuinrSU5KAHR/epG+8am/hqJl3LmgBv8AwFT9aT+LoB9KWP5WK0sa7ZTQBItO/hpI1/ebqV23NSAi27mqQR7WBop8a7lpIB27dT4f9ZSINtWI/vVQDP4qc1L6/Wj+KgAWsjVLaa31JNRV2kt1t3ilg9BkEMnvzz7AVtU124xtzRewHP2OqQzeILxraRZRcwLIEXpvUkH8cFa3I41W38sJ8rDaf5UsMI37sYapeec1cmFrCQQJaxqqLgf3W6N7UQ2yW9xLKCxaQASPJ1CryEHtkk/iaWp4G+UioAXOSSQwJ5w3al27mX60Rrtz9akWgBJF6rSJH5cJH+1mn0fN2XNAEkC/KTSBtwb60kbFWwRijduzQAR/eo9frRt3UjR4waAFp8a/NuoZtyj6VHG22T8KAHFtxNPj+7TGbdz71Id2V/u4oActLu5xS8bflpi9aAE27Y2/3qRVLSL82FqV13DNR7dsZx1zQAk8Y+bBzzTFXaop3z/x9e1KvWgCb+79KkqJetTfw0AMao5FbYxHpT6Rvu/dzQBDuLRjPpTP4am/hPGKRfumgCuvWpv4fu5pVXdS4200A2LqeMUp7/WnL3qLufrVAMakWDzG3fhUjdKav3TQA0DAP1plSou6pJF2qKBMgj+9R6/Wpm+6PpUVBI1qa3SnNTW6UAQt2+bFTj7o5zUDY/u5apecDIxxQA5fvfhTW+8ab/FTpF3LmgCKf7lNj+5UrLtx9KP4aaAg27qPLqZfummU2AzG2lVdzZqVfumiPvUgQGPg1H5dT9z9aRl3UAQY2tRIu5qlYbaY1AmRsFVeai47VO3Soz91qCSJqGXdH+NPdSyL82FxUaqFU7TnmmgALtFI1C0tNgMbpUDY3D5ctU8n3l+tQzLub8akB37z+5RT1j+UUUAeOL1qXdtpu3aB9KVagpksbboz82OadH0POeahXrUy9aBIkj+9Sr94/Lnmhdu7mntjjFA2Mm7cYqZfuimN/qvxp0a7loEh8bbZPwqTduyaixtpP4qC0TN938aU/dFEa7lqaFdp+7mgoOw+lC9aU9+MU1KAJP4ql/h/Go1/1v4U9etAmOX/AFg+lK3WnUjUCQ6P7v3c1Iv0xUI+7+NSt95fpQUOVfmzuxU6tuHXNQL1qdaAFXrUn8VMWnL1oAe3apx90fSq7feFTx0AOXrUjfd/GkalSgBy/dFT2/8AF9KZ2qZvurQA89F+lKi99uad/APmxxSRdTzmgCXdu7Yopsf+tNElADqKVPuinL1oAatPj+9St94U+gCJvvGnx/dpGXcwqeJdtADFpak7H61Ey7sUAPVd1SKNqmm7doH0pVXdRewCx/dpJO1SRRlnCAhC/wAqsc9yAx454XOPrXOab4qkkh02+vLKLTrDUlUW0hkYFSwHlpMG/vqAR9aajfUR0oXco+lKo2mk9vTjHp6j880sa7pPwqb62H0Hsu7+LFLFH8/XNOVduR709aYCNHyaaw2ipF+9+FNbbuOaAI0qdaSHHmcVJ/FQAzbuanqfLkA+bp2qRfvfdzQv3jxii4CrJnI5/Gotu1jQ/wB40i9aAJaNu6nJU1AEKjappn8VSyfepYl3PQBHt3NTpF2qKlZdpIpG6UAM3bUxTYx5hzT0qRqAILiH7p255pV+99ypGVWXJXNMVQvQYoAlX6YpqruVj70LTloARY/lP1pqrtNP/iqSgCGT71Ruu4fdzU0jfMopki7SaAII12seMUev1p6/dNCruQmgBjdKiqXay4x0zQ2fmz60ARr1qRl+XO3PNR7trL9anVtzMaaAbu3Y4xS/w1Eeh+tO/hqhMa3SoWqX+GmrQSM3fKVpI12g/WpG7VL2H0oArtSrSyttb8KI23LQA1l3Uija34VMv3vwpPX60DRWf7xpKlmXdz7VDGqqeaCeovP97C0cdjmnvjtUca7mzQMd/DUe9V60Mu3NRKu5qaAl8wdqRm3Chl202mBG1H8NLMu4Zp0cfH4UMTIdu5c0zbtp5XaxpKkkRe9Qn7x+tTNTGpoCPbuoxtp9NamwG/xfhTP+WhqSmvUgRN940UlFAHka/dFO5/vYWo1bcKetQUx8eN3BzR6/WkWlX/W/hQST/NjjptpY87Rmo1705etBp0J1XdJ+FPZdqke9RD7y03nzn/u0CLO7aq07duY1EcYXHpUkX3fxoGiT+KnNTFba1OYeYwPtQUSR/dp1NVdrD7v409u3T8KBMRetTL1qFV3NUwXbigSHSfdp6fdFI3SmI22gol/iqSkVtwo/ioAXt97FWF7c5qNaeit94UATbec1Grbs/Wn7izc+lRt/WgCRacrbWpR90fSnxrubNAD4W3SfhVmP7p+tVY12k/WrK9vrSYDkbbVhW3Cou5+XNSR/d6YqQJY/u1JH96oVbbUsbbloAG/rT2/h+lN/ip7dKAEWpY/u1AtKq8lvamguWNu6ophtIqRZPlFIzbqoA/u/SplqFetSPjav97NACs22lVt1IyljzQo2mgCRKkamxruk/CpVXbke9JjRR1pWbw/qqouZJLSaJPvffZCF6e2+sPVIf7X+Hti1sisWtrK4hU5zw0L7lz3ADfnXXRr5rLGejMB+fFc38Ppln8A+HGTothHH/wB8jb/7LW0Zcsbk2uzo1jSLKoGVAcKr/eAAwM/UYP40tMjBZ1ATzDn7v4gH+dVtH1CLWNLtL6MYiuIhIueiBgCTWUveHfoWLq6is4GmmdYowQpc9s8AfjTrS6iuGnSJwxgk8qRV/gbaGx+TA/jWdrqprHh65awZZl2iVGi6uY5FcKPclD+VT6TZGzutVaQYFxfNNGP4gpRMhvcMGH4VSVkQtzR/ip0n+r/GmSSBWClsfNmpztK/f6HNR1LIl+7UM15FZqjyv5atJHFu92dVH86lhuILyKV4Xyqv5ZCtglhg4/UVn6tbprmnXlrb3EYkJCB4zkRSgqwVvy/WqSsBpx7iqF+XZQzH1yM1Ju+YLTYt+0GQRiQ8sI/u7u+PxqWT/V/jWbv0EwaOkUKrH+9iqGo6pHprWkZikuJ7qXyoIIkDMzYJLc8KFxkn3p9vq0dzdfY5o2sbwIsoiYLtYEfeUr1BOefUGqUXa7EpdDR+baN3pTlqNXcsA7YOKbt2t1zTtYolalWm7ttNZt1AEkn+r/GmL0pY1+8d2OKkLbguXXGP4qAvYatI1SeWskRWPEjMdgVevIIP/juazfD142o6Tb3bFz9oDyDf1Cl22D/vnbV8ulxcxbamt2qR+/1ob7oqB3uEijywduWpbdnZuRhaie9ghmigdsTyqxT8AM1YLCFFKv8AJn5fyFADmxk7aP4aHO4ZznJpJP8AVCi1gIZO1S/3fpUTdvmxU0anJO/jbQArUq96j3I2MPTo2G7aDmgBnc/Wmuu4ZokLRtgfWliYt1oAh27acv3eVyKRpEe5MBbDFd36mn7PkAznHFNbiZVe+tI7yGz3Yupwzxx+yj5m/AMKcq7VGRg/3fTHA/MAH8ax9U08t4r0G6UeYFS5ikX+6rKhDfmD+VdFCoXodxOST9TmrkSQLS06dtvFAbcorMaIZm42019scZB64zUjN++C+1RyR/NQNjI2RlU7c8VJJjaMDFNjTbJn2pWbc1NCQ7+Go6kbpUe3dVDYUjdKRjs4pyncp+XNBJDQ3Slbr0xR/DQBCrfNtqRl20lFADJv9XTF6VI1NbpTQDaRqFok/wBX+NMTD+EfWmf3vrSqu4UuNtDJIv4aZUkn3qay/LupICGT71NqRf3nP4USDatT1Aaq7qRhtp3p9KRulDAbRTaKkDxZaVf9YvzYpB90fSpFzgfNhc0Fkqfxc55pf4qjONxwc809f9X+NAEtSR1GvapGbbQBK3+7mk/DFRq26nru+b+7igBy9akpi42jbUiY4/vZoGgXrU0a/vM7scVXXOZMtjmrC/dTnPFBaJd25TznmkSjtVTWtS/suG2k+X55Vi+9g/McUbkGhTlqpeXiWN1ZxFWZriQx/Mc7eCc/pVyFt0anHUA59cjOf1otYV7jlpV60jfKuSygf7VEM0cjYVxn2oGif+H8ad6fSmbWXO45rK1q5l+1WFhCzRveSENICw2xoMtyPUGmtRs24/u1LH92ufkspNHv7C509JJIJ51jntpHLJ5ZdcOM/wAS8n8RXQR42jaSRgYJ6njGabiTzEi96Yv8X1rP1DVo7HVtLtX3ZuzKq7fVVB/rUH9sSyeJZtMVVNvHAHZv+WgkHIH0Of0NJRuTKWhrrOnnGAthiuan2tDHxuYddyfeH09zXPWvnTeMNRjjRnKWcAibszbpTg+5OV/4DWlp+sR3llp7ogMt022OCLqrICzj8BG1VyWGpaF3T9QguvM2HBU7TG33oz/dPv3/ABq9H2rnb6FLLW9Lv4SVhuHFrdOOjxFSYnPuCFrV1LVrfTY2V54opmCtGH3bWYKWdRj+JiCfypOI+Y1Y/vUvr9arafcLe2MF0F/1kavu5zhsMRz6dPwrMtNUbTfDd1POyNNpvnRuZOgMbMFH4jFTy3DmLmran9gn0uHbu+13Jh/3f3bvn/xythTu5x3Iz64JGf0rlVuX1C68JvNCIHkWS4aI/dRvs5C4+vmVcu7+XQdVElzL52jak+xi/wB6ylOMK3+wx6e+a0dMakal7fG11C1gYbY7lWRG/vSgZVPxG6rKuJFDKu1T936dvyHH4ViXUP8AwkX9sWckf7qCZYbdm6xuFVg49wzKPyq94f1I6zpcM7jdOuYpgeqyKcPn3JyfxqXDl1FzXZfj/wBZ+FTL3pI12r0208Lu3cZG07h6jIH6ErUO/QsRmVEZpGUKvIH8yfYCqOna3Z608q2UhnhibyzdeXmJyeqqfWs2EzeKLq5kdo/7Hjla3WIfeuXQ4dn/ANnduA9wa3bZVgVEiXCRrtTccY9cmrcUtBMk9G5G4dD1Hbn8qe3asq48WaNY7CdQjZgCEWPdMwPcYFQR2MtxDFd6VfzRxSneEuYt6H8DyKnlEpHQ/wB36VJWFDrNxb6lbadfQKtzcBmia3kU5VQNxKNyB9OK2pF+45IJPPynj2+nFFrFXJF61LULMWdfTNTpjLYpMBFzuJCbyOB+Oc/oGrnfBrAaXeW+/f8AZNQuoh7KZWkUf98utbu4hyB94n5fw5P8qxPDMIh1TxHt+62pM4/4FDEf61UVeIn8R0dqyGaJzuwrpux/vAj+Vcr8J42g8F6RDMxCQyTo2fVJ5FH8q6fBZWUHaWVhn0G0jP4Er+dcncaTqdi+r2On20bxalcPcRzSSAJatI377eOuOXYe71cdrClsJ8MbwXnhWMocslzcI/8Avec5/kRXYLnjNYum+HpdI1q7+xBU0i4jQtHzvSVAE3Jns6LH+VbiwlTjbkdTt+79B/nsaU2r3HHU5/xzJLb6XBdQo00tpd28/lB1T5fNUOcn2Iretbrzo2aWEwDdjaSD+75PUdelR6vpo1LSby1X9150TR7/AMCf6VakhCnaxZlZyDJ2GTx/KjmVg5dTB8Hh7ddYSXdxrVyWx7yIy/owpfAsf+j69KVJeTVrh33evyj+QFSXGm39vqlxPp9xAi3I/eLJ/BKCE84e+GA/CneHdFTRLmbyZG8uVICsTHafMSPY77vfbnFXdcpKjZmzdTSR2zPDD5smMBDIyD8xVGxm1VwpuEtYV3cx/vC2369D3q8sKTQGFjlNuPMDFCdw9QwJ+tUYdFtrUbovPTJyd13KQT0zgkjtWMbWdy9zL8ZOsOteHbkkQ263DIzN/tbcVqeJrPc1neiQRz212hEq7eFeVY2HP94MB+FT6jpcWsafJZTJ5iupAYDcVPYg+oxUDaPc3T2iX999ot7QKxWOPatw6jCNK/qvpW3MpRVjPlszUxhj9Tjp0zx0qRV3Nml8sGQsx2Fvm249f5+v40/y9rAgb17msmadBqx/KfrSbdqmpmYN0GKjBVpCgfMm3Pl+3rUtXQ42vqVrmCS4tLiKHcJZoniBRsNypAx77sV5h4s+Ikum+C9IsbCfOs3+nwNPJNz5IaLDNn+8XDj8BXrYU7No5GMsPxHy/iN2fpXilr4B1r/hKrnTUtsW1zPPJPqHSGKFgQFj/vMY/lA7Ek9678Iqe8zCqpN+6dB8PJDpvguxjSdrdY4vP1LVGXew+Rsog7udowO2c96zPC+tSeCfhdby2UVxqGsanJcSWtogLBAihCT2wqRli3qzDtW1brdwa5/wj6aTLPo1nI9zbLFuCTxu5aJZZR/BHklj32Y7Vn+E9Nvba+8RJPb3NxrMsstjHdTWjC2trNjuLxk8HezPgemD3rs/dttnM4uxnWWsXepazZ6tdakl/Z6PZpfTR7AEbzI2VRkdSFZeff2r2STAbC5KrwG9QPT/AD2ry3wj8Pbu3n1mw1C5lFtJPHEQsAxeQIjlAzj7oLSMNv8As5716iGEjbxj5vm+UcdeAPoOPwrz8VNSfum9JNLU53WiY/FmhTbmAFveRjH/AD0IiZP0R6j8eStbt4aVHPkf27bxNn+6Q+2n+Np5dNsrHVYxgaZd/apHH8MZR4mY+wEo/Osjx9qEEt5oiQ5P9nXdvrTRxKTm2WXyt/ptJY/rUxjzpMqTsduzbmY5yc4/Km/Lu5bFZuva5/ZP2C2hthf3l/K0FtBGyR5CRM5cn0CotJY3v/CQaXdxXtm8cimS1ns2YMrDbnGB1UgA5+tZuDW5cZXNKS5tonSN541kforSYbH0rK8W60vhzw9qN8xBFvGAnO0h3YIp3enzVQ8MeG5dL1a+ml0qzhJlkK3SnzXkUscAL/CFHGfY1b8baD/wlPhLVtMzuea3Lxyo/wDy0Rg6EsehLIANvJximo2Y5bDbfS4fDWtWdtbRCJbuMxusA+V5YxlnPqeQM+wra+8xbduZuT7H0rkIfEqeLrjw75EbLcqxvL+AjEluFiZHEoPIDSSHGee/eu0km4bk8HcxX7wIPIP/AALI/CipuTHcIehpnc/WobfUra6vLyyjkBntVQ3EX/PPcThT79/xq6rMyksu05xWN7GlrnORtt8cXQ+b/kGx9P8ArpJVXxJezL4s8NWscxiikNxJIp/5aFVj2D8Cx/Ormrxm08R6XesuLaVJLOVwMYLYKZb0yDxWXq17FN4h0XWYn8200+4ktZpAu0B5mRZCPUKuw5/2q64pbsyk7Ox10jNvJbnJ6+uOD+oNN3bqgF5atp51AS4tlg+0CYIWLoVLbsdOFDH8az9I1r+1oLaX7JNaQ3aKbV5MOkiEBlPHTK7Tj3rJxe5bdzVb7wp/8NYHiS1tbm5h+0WV9cGX7n2SSRBxyUPlsCAc/e/wq/pum22l2i21qHihHIR5jNtz23EknHTn0qLAi22f72FpV2qpYHJwcf7wUkfyrK1Twrp+s3ET30L3W0YRWmdY17k4HBPNXrDTbLSbMx2UKQQqu5WQ5B5FV7thmf4Z1KXVJNYkLYgt7+a1i/3UIU/+Pbq1WjVVDA571heEYHt7fWUMeB/bF2frmTOa3woZiVGKJW6ExBW3flUXc/WhV2saPX61CLBulRx/6z8KWT71N7VQmOl/1Z+tNX7tSsu5Qfaq7LtagkRqSnMu5hRIu0j6UAQyfeprLuXNSNSrQBHt24prNtqx/DULx7vm/CgBu/KkVHt206P7xo9frQJjaKX+L8KT1+tBNrCN0qB6mao5PvUAMj/1bUn8NO/4Dmmt9MUmAyinUVIHh7feqVaiP8P0p9BY8dV+tS9zUC9akX/WH6UCZPC204p0bbpDUC9KelAkWV+997FTq3GM5qsq7mqZV2igoft2tT6YtH8VAE8f3acv3m+lQ7fvHbnilWQccYbFA0Wx/qx9Kzda0tNY0uezLqjy42M3RWB3Kx9gwX86uDLHcVzUwbcRximtxvVHKX2sXd1feH47qyltpvtf+kK3+q83yX5X2Lbj+NdgvbnJ7/XvWJ4mG1tGkL+XjU7dd3+yzbG/9DFb0ZLRrnk46+vp+mKuTM4obcKrQNvQuv8AdT7ze1VNNVlm4sI7SLHzMv8ArCf4F/PP51fXrUu3dWZaFH3h645Hoe4rC8SMbO403Uy7x29nO/2lk/hheNwzfgQufrW6o2mnsqyKVcfKe56fSmhsqTapa2IsXlkQG7l8tPK+4xYH5l9j/PNTy29xHqFrJG48hUKzwSfddQowR71Da6DZ2sxljtoo2JzuXv71fYEdSD9KbkJamR4kjSNdP1OSTMdlcHzWZsHypI2jLN7KWWqMNzu+JEMy3PmwtbiIvGcqsoLsVH4MD/wKuq2K+AyqRj+Jc1Xks4XjMZQeVu3fKMc1cZEOOpQtIwvjJHAY/bNNCt/eDRyjlfqJAD9KypIXs/GklzbwyXNvY2/2iW3hbAhecfMw/AL+tdbJapKylolLQndC7fwHbgke5zVXTdNey1bVbp3QrdTLMCeqBYo02n3+XP40RqaMFEoeKbiDUPBt/JaTrKsMQdWBzyuXAPvlDXSbEuYx5sSzxlfnDdCCfmB9s1j+IrOS+017S0hBe5Ijdl7IWDMf0rc2hQADuYDDN6+n6Yqb+6mVaxU8MxnT9FhtyHglWSTC/wB0mRtuz2Ax+dZeoeGWuL6+sbdBbaRekTzxqdwjwrCQBf8AbJTn61vVLF938alT5dQ3KHiCVbfVNBu5W27b9k3YxhpIXBGO2MVsTLA1nILm2W5t8ZmiO7LxqQWHHuqY+lZmsaXDrFl9ndjHKTujl7xyDlGH0Oc1PHHPqWkiG8VElkTZKLf+I9Dj64z+NP2lmmHKYPgfUJrCxs7S98wNcBbm3vHztlDrvKtn+Mcj6Ba0dBLWeva9bRoNrSwXEeOu6ROc+/FasiW8NvmUILaIKct1jwMDHucVW0qN2nvtSnxE9wAyp3Cr0z7/ADVpzc1wtY1o2CoABjjFSRs25cHaOxqBuvXP+cU6P7tcxfQxbixk8P3c17p6SNayN5t3bx/fYjrInuoxn2q/NbWep2iyj95Ay7k4Lbw3UMOn/wCurrYIClfU/wC8Mcio7Szg020jtbZdsMQwq+mTnH61pzXVxMxLXU4VZodN0C6VM7F/cRwR4HGd3Xb/APXrobVWWJA8axHhXERyFBzkg+3H50Qruaptu3IpcwlEyfD9nL5lzf3a7by4Jibd/rIolPyKPY8t/wACNbT+/XvUfapT/D9Kbd2Vaw8/w/ShvvCnKu6nKvQFlAz3qWBG3LgAckcv/dGQD/Osbw3IbqTWLwfLDc38jRN/eVVSPP5ofyqv4o1DVNGkjdWgg02WeCOW+YZa13OV8zH8WAQPbfmt+ztY7Wzt7eEBYoYljUA54AHfv/kdq2XuxIW5NH93rmnxqfM3fw02MbWp0f3jWPNqWSBkZhjrmpjncc1AnU/WpqYDlobpTaNrN0oAavWpaIozv5609o+R8ueaAI9vzZ3YqRm3KOc05V2seMc1Iy7qAI17VIzdBRjav40MvANAE23aopi07duA+lI33fxoAeudo+6xz8o/iB7kfhWTDpMq+IrrU/MVI5bVbVYR1cB2bc3vliPwFau392Go3bmH0oAGXacYxx0pP4aTazZx60bSvWi4Cfw0yP8A1n4VI33fvYpi/XNADv8AloPmxSD77c55oVvmxtzUjLtxxigBWjSSFllQTRMdrxONyMpBDKV98jn2rHtvDunWVpdW9tZwwR3CCOYxvs+UABV3dlGOB65rXWmyruSmpNbBZPc5y88LpJp1hbJKwnsJfMtrq4CybT33Z+9kcD6Ve0XRRo9osPmy3cjO0klxMAGkY9TtH3QOmPatDbtxR2puTejDlXQlC7c8Y5op38I+lMWpCwjKvmZK54qvLINxADEYPyds4PH4jcPwqy1N27moAoaHpr6c+ovKyvJdXktwSvYE7UH4Iqj8K0vX60MoVfvYamx5wcnPNACTxpPA8MsYlgkGJEcZRh6EVHHZ20VmbZIoo7YKIxbiLEe0np9KmLbW/CoY23SN82OKTC1x0un2t1ZzWxhXyGQxiHG1CpG1kz6EEY981zmjeF7zSbew0x75bmwsJw8Upj2SiNQQsZ9QMHmunT7o5zTZPvVXNpYLWK5kaVtzDaxGSKc3+7mlZd0mfahV2qfrSATd8jDGKcFKhflyuKSP71Nb7xoAauzsMHdT1UtKd1G7auKZu3L+NAEjLtyKip27aw+lO3bmHy5oAhemx/cP1q03bjFMbo3y54poCuudy/3aa2N7bVzzTj24xxSrVCZFI22PpjmmhtwqSSoloJHfw1G33fxp38VOddwzQAz0+lOX7ppirtpV60ANamNVh6gbpQAxqSl/hpsf3qAGvUa1N6/WlpMTIaa9TH734VCP4vrUkkNFPooA8LX7q/SnqzfdFRQ/6ypl60FiqpU89akpkn3qEoAmh/1lS7e+3NRqv7xWqUNukagBVk9sU5ZPmqP1+tPSgCdW3CnrUXapW6p8uaAFXrUyruamH7x4xSqu6gaJ9u2oby8+w2ck6hi6fdC9Wc8Iv0Jzn6U5Btpt/bfbbG5tywjEiBA7dFYsCG/Db+tNDexhazBexaKs19d7nhmglaGPGxSJVbC98DGPqDXULwQu4sF4Gc8e3Nc9qmoC+0fVrO6HkXn2Offbzfe2gfeHsTtP4mugtjmGLc537AD7HHzfrmrexESapYG25FJzt5OaYvWszQsK27P1p1R7vkxuxzUqLtXrmgBO1Tj7o+lNSpP4qABaetLt3U5RtoAFp0f+s/CkVdzVI0dADo1/ebqk3bs1AsfzVZiXbQAkf+s/Cn/xUxl3Z+bHNS7doHOeKAF/iqSol61MvWgCK4hjmjw655FWdpUkEYHb6UjUqUAPX7poSlam/wAVAE1KvWmL1qdf93NAC05Kb+GKlh70AObpTUpy/wCuNP8Al70AO3fJt96dGu2QfSomUNjFTBdqikxoyvF2l/214Z1ay25860lVf97blf5Gr0N19qgimxgzKsp+rAE/qalmj863mj/56RPH/wB9KRWb4bk87w/pMv8Az0soH/OJTWn2SepqFdpX6VJu8v5sDGDl26Lwa5rxpHNBFpWqxTSxx6XfRXFxHD/y1hLqjhvYIz1evbi5vPEWn2CMIIEtzeXPldZNpCRr+LCUfhVKF9QZltr1/a3FzETlLPWra2lWb7xtnSIFx7bnA/A12cRZsM3JZQxPrkAn+dUJtLt7hrtZIU3TDZJnrIqsdqn6DFXY08tF2sr7l27e2MY/QCs27sSHN9406Pv82OKiguluo1eJ0khPCyJ0fHGf0x+FN1OZ7Oxnlgj82SKN5BHux5hCk7fxAapZRaILAYOQo5/EMP5FqzPDtzPcRaglx9+C+mhX/cVvk/8AHdtU28R+dZ+HZ7NUlXU7iFMOchImjMhb/gIQD8K0LHSRY6hf3cbSFbx45AjdA6qELD2Kharl5VYLmii7qnC7cVgTeLLW0uZEgt7rUHjHzfY4SwUBhyx6fwVveYp4UMFBIG4AdCfSlawEtUrrUoINSsrCSRlnu1kaJVjzzGATz+NWGBdflXJJwPQnsp9jz+Vcjbb9S+LnmzRyWtrp+kuLKZukrPMiSyD/AGVyF+oNXGPM7CbsdizBsEAgYB5+maVaI2DYK9Dzx055yPY5z+NTVktyraXGLSSfdp7VFJ96qEPX7ooc/uzxu2gkj6kD+tRr1qRvuZ64Iz/s57/j/SkBXW8ivDKYZPMEcjRN7FTjFC1hW6poXii+RV2wamPti/7MiYVk/EBak8Ix48PWdyy4lvgLyQ+pkAI/IYH4VrKOlw5uhtrT1pWj+elkUqPvYWswGNSVG1xbw/6ydY1/i3Mo+nWp1zwSBkjOQQc+/FA0MpP4qjZgu/5kUjJO8qAQOvJ9KwbXxNdyXFsy2ONNuJ1t4rvzi7sTk7tq8beMfUGtPZ3VyObl1OpXbsOaibGeKkVvmK7QxwMsCcNkZyM9Kh27WPGKy2di91cd/DTVqT5uf7uKZIoKgqQBjBJGSDkEED6Bs09yWFRXcnlWk5CeYdhO35eykjrWX4f1q5vr7WNNvVKalp9yVJCbU8twWiZB/dKZH1BqWz1SW612808QL9hsoYfPk/i3SElUH0UK3/AqqKsybjPD+oPqmh2N1LxLJEC444PI7ewFXZF+XO3NUvD+mXGj6KtpcSrLsmmZGHXa0jMA3vyf0rRXpSL6CxtuXpilak2ht3zYbFADrjL8YqWNAv3vwo9frVC51izsZGgkaWSVl3iOGJpOB1LY7DFW7HULfVLOG7tZVmglXKyKSQecd+nTpVculyepPD/rKZcfe/Cnr95vpSyfd/h+73pDK0a7lomG2Opo/wDV9vwpjLuoAg/g/GpU+6KVhtFNj+7QA6mSfep9DdKAIl+9+FM/5bVJ/DUdNAOPeo6f/DUf8VUAyT71Nqw3SoZPmjxtzzQJjGoWkEfltjGOM0x+/wBaCSRqY1AY5C7crinlQrcDHFAELUjdKUfxfWmrQA1KfJ96k/ipJu1ADHqBm21M3b6VBN1FJiYeZRU6/dFFSSfPcbbWH0qb7ylvemRx+XkfjRC3LDdjmgssxtuAqaoBGykEHNTBi2M0APDbcfWpFb+L/axUX/LUZXIxUibf4BgZoAcV3SFfXmpCeAPTim/8th9KdQBM33VqSTpH82KrrUsTbaBos/jmiombcx/3alj+6v0oKHx/dqaP7tRfxVKvWgCG4s7e5kRpoVdk5DGrK9O2O2PSkkX5d1ODbgKCFuLH/rPwqSo2/wBV+NLHQWSL1qdKjXrViKgTJFpG7fNikX7x+tPZdzCgSJR90c5o7UzbtYVIrbWoKJD/AA/Spl+6ai3bqVaAHL1qVv8AVfjUUf8ArPwqRvu/jQAR9/mxxU38I5zxTU+6KJF+XdQA5etTR/6z8KiRty1IlAD261LD3pqruaptu1aAG+v1p8a7mzTI/vU5e/1oANu1qlXrUW3c1ShduKTAlb/VfjToab/DTOdy+maSAsK21yKVD5m8UzjccVKrHdt25WqAax+Vfbipew+lK0YVchKC24jjHFFrjQBF2biM8/N+Rx+ZNZPhfdFpMVq8e17NntTH/c2MVx+mfxrbXkOGC+XwC/dcnisWeGXS9SnureKS6tbl/MuoUX94HwF81fUYUDH+zVR2sTezNS8tU1CwuLKVf9HuY2jkUdSpBB/LIrF8J2N9Z3N9JfQuZYxb2cMz9XghU7T/AOPkfhW+jeZFvwW3DOSu38h2/wD101fuD5KFLlQW6lgY4IOQRx+HH9Kg1K1+2W5QSywnax3xvt7etT+nGOKk+VlYFc8VPNZ3H0MHwPC1v4V0pHkWUi3j+YJt/hHX1PvXQbQ2ct8qglk/vL3pkMIWMYGBUmNtTfW4WOR0fQ7qx8RRiWDOm2MdxLZS+nmBAU/TP412G3aSAMD+76Un8I+tJF/rmqnK+ocvLoVL2K+uLhY4LpLSDGWYJvdjk8Y9MYq5DH5YCumXA69P07VIq7mJp0cfzGi4DI2O4h147Dbn8a53XdD1q48Rade6dqFsAI5IJIrq3ZgqnBByGHp+ldKq7ZqfVRlyu4mrlXTlvBbg31zBd3DMzGS3jKL1PGCTV9aYtO/h+9ik9Xcq+lh27bUF5cSQ2k8kMSSzqm6NZH2KzAjC598/pTo13Sdc0skeQ0ec+d+7Kj0IIbPsVLUhFTQNWGu6PY6iBt+1QJMVHIUsoJAPfBJH4VeX/XGoba2is7WCCCPybeNAkUQ6Ig4UD2wAfxp/8VA0Ynjy3nbw/Jc2ymSe13SpHGuXYFdrj6YYVS1rxFb+B/A6315CwNrarGsLgjEojwm7tjOyupeqt1ptrq1rNa3lutzbTKY5I5E3Kynr/ukdjWsZrZk8utyppdzcw6pcaVfXSXt5BbRzXRgzttpiSBG23+EsDj3zWvIob5W+QjklVJY8c5z+X4VnaBo9t4e02OztYljjQnt8x7Ase5wAM+gFaDNuYVM5a6DOZvvDC3GoefYpptu/32kmsfOYn/voYroIkeOJBIyu+OSqbB+AycU+H78melPTbt+TpUcw0cZ8R7G8OkzX1o0gC2lxaymM5KrIFydv8QIVs+mKmW+h8Va5Z2ul7n0/TJvPuHQ7QkqJ+4jifvlWOfrXXc7W+6Vx901GuOMIE9hW/tfdsQ6d9Q4JBHIIBDYxnj9cdM+1LJ96pKRulc+7uXsrFae7htVUyyrHvOxc+pqZjuXJUKf9nv2zXPeKtHuPEDabZpHGLVLuK6uLh5MMiROr7VHqxCj8K3/vQ53n33dQQACD+INPXoI5nXJG0TxNperLGxt7hTYXUi9ud0X6+ZS+DQ8txrt9JIZIrzUpGy3ZIlSFB+UYrdvbNNSs5LSVFmikUh1bo3GR+IIXFVtJ0pNG0u1sbW4b92pxJMejE7iXHfbI3PoCtdCkmrGTjb3i+zrnYWwy9f5/1qC8hdraXyp/JONwk2btpHeuA8MwPY6To1pLGIPEkL+Tqkfl+ZLMpR3keU/xgkoQ3pgdq9EZvtCsjltmTlsDcxJycg8dT+lZSXIzRSujE068v47wQX+padcxZztiiZJmU9Dge+efat54kU7nztB+ctnCZwMnPYjNUrbT7S0kL29rBbOTy8USh39jtq0SZCQwyGG148YOCR09wA2fahy1B7HJfDGKabQ7vV7kyDUtUvp72Z26BSxEaj/ZWJQfqxrT8I27W2k3YA227X909uo6CIyttx7Hk/jVOxttXs9JtdFGmqEhjW1OoJcLDEluBt3Lj52YoFGOnH1rpLeCO1t44YkMcKLtRTjIA6Z/nzzzWk3dERJo2VY2zTVYNjHpTZPu03uPpWBoP9frTv4aN3ylaj/1fH40AO/5Yn60n8NLG25qWP8A1poArt94U5ulSTKGf7uWxTNrKvzDFAEcf3qY3+sNPb7v409V3KKAIo/4vrUf8R+tTSDa1NZvl20AMk+9TG6VKy7cfSopPvU0JkLLupMbae1NaqEhv8VK3RvlzxQvWlkoGyv6cY4qTvTV606b/V0EjIv4vrTO5+tPXpSr978KTAiamNUx7/Wom+797FSA2imf8DooA8AVt236VOP4fu9f4qi/5ZinL90UFMkbv069qm7D6VAF+XPvUrtuC0Ej0qdetRr2+lOTqfrQBOvWpG6VFSru3H+7igNxy/6v8amT7opnG0bfSnr/AKv7ueaBpWJEqyv3TVde3GKloKHxL8+6pfM61XqSL/dzQBKzbo/u55p0f3emKPwxSq3agBy9akX/AFv4VGq7TUn8VAEsdWFqBfumhN2eKALMf+s/CnN1qJc8Zp+7a+PagCRcfN/exR820bqZG25j82Oanj/1g5zxQAsX3fxqVaib71PoAkjX95u9qnhbdJVdKnWgCU96Rfumm/w/jTvT6UALHt2tlscU9cbBg5qNetTL1oAsL90U6oN21qmRtx/CkwEalSkZdzGnxjbUgSr1p+35s7c0i/e+7mpfwxTQAzbh0xUa05qfH92qASH/AFlTx0xaXtQBO1N/ip27agHtTVbdQBKtJIu5c0sX+7mnydRxjigCMLtI+XPFTR/M4GMcUyNd0n4U9lCqPly26gaHNH5Zx+NN/ipzZzyMU5KTGOWl27qVl3UmNtJAwUbW/ChfvH61JHT5F3NVEje1T/wj6VEo20q9aAE/ip9O/iqX+GgCClXrUked3+zTlxzj1oASih6YlAD1b5ttJ5e3J96c1NbpQAjNupsn+r+9ikXrT2/h+XPNAEa9OuaKft3MeMc0eXQAQt8zD2qYrth/Go4xtaj1+tAC0L978KVe/wAuabG21iMYoARvvGnL900qNuJqH+I/WgCRaJP9X+NLR3oAjWof4z82OalRdzN9aSNdpP1oAdt3LnOai27Wq1t3LmoipUH5crQBGy7mFP27aYuN3yjFNb+tAEv8NMp/YfSk27qACP71J/y0NKsf7z8KbJH+8oAb/FSS/e/CpGXbSK3zbaAGL900ztTnXaxphX5lPvQBYb/VD5sUR9OuajEm6YinFduaAIZPvH61Mvb6VF2qWRtsYoAh/vfWo6lZty1C3SgBHqNV3U7+Go922mgFYbaim6fdzUm7dRVCZGO3GKJKe3Smr900EkK07+GmyfepvagAob7v41Ky7tv0qNhtoAa3b6Uxqkpf4aTAhop9FSB87ev1pV60ztU3YfSgpkiZ3D+7mlGN7bfWoP4qnj+7QSWIf9ZUtV0qT+KgaJ4/u0v8VNj+9Q33T9aCidetSr1qsvapl6n5c8UAWN20fjUh+Zlb2qJfujjFH8VAFnzKVW3UyKnL94/WgB3ap1X5lb2pq0qttagCXduzRu+ZR70obdinN94UAP27WNSr1qJetTKvegB+759vtSKu1j9aB825vQYpN25R9KAJ1qWP7tQRfd/Gn0AS/wAVSrVf+H8alT7ooAlXrUlRx/dp6sF3fLlsUAOVtrVLu3VErM23cMcVLSYCrT422t97FM/h/Gnen0qQHK25jzmnRr+8De9Rr1qdKaAl8zduHvVgLtUVAvWpf+BYpsB38VSbdzL9aiXr1zUlSA912yYp+3dUDdqnX+H6UAPhj5oz5bYqVfummbd1NAO3bmFOamKNpqSqAavWpaT+H8acO30oAVKmX734Ui0tACfxU/8AipFXc1SldoFA0NO7nHTFN5+XPpVlf9Yv+7UNx94UDY9Mf8CqRs96Yq7lFSxjatBI1aWn0H+H60ALH92nUnc/WpI/u0AJH96hV3OTStSx/eoAikj2qT701W3LT5P9ZTqAI4/u0NUq/e/Cm/xUANVd1LjbT3bb/DmoN25umKAJl+6ab97cvtmlWhqAG5+77DFOZttNbpTF6N9KAHs24VGvWja3DD0pNxbr1oAnXvTF/i+tNWnL95vpQA6infwr9Kjk++PpQArdKjXrTn/3c0xPpigCZetPddwzTVbbQ0lAEfl1HJH8y1ajbdmoT94/WgBgXaT9aWP/AFn4U6igBWbaajkbc1ObpUTK23IXNAC7d1NYbakViyjIxSfxUAQsu6nLH8hqZqa1AEKrtb72KlX73XPFJ/FT+9AEbfeNQy/e/CpVx5n+1mmSZ8xs+tADP+WJ+tJ8u3lc05V3NmlVdufrQBAyhlyBiotu2rb1X/5bD6UCYykkk2x7alK7gTULrtH40CQL92hl3bfrSdx9Kc3SgoaysucLnmouccjHNPpn/LYfSmhMe33l+lD01utI33fxpskZRSyfdFHp9KkBKKKKAPm7dubNSq21qhj+7T1+997FBTLAbdipV61CnbnNTUEjm+8KlSoF61MvWgaLMa/Nupytuz9agp8TfPjdigosIxU/dytS7gzDaMVW27W6b/epkU8NnYvpQBL/ABVJUfmDcNpzT925hQAqttaplk3Nj2qPdtqSH5juoAdGu3P1qVf9X+NRK25j9alZdy5oAkXv/u1KvRfpUSLtUU5V+bO7FAFhfvfexUytxjOarht2Oc1L/D+NAD2XbSL1pR2+XPFObtxigTJYf9ZUj42H5sNmo4Mc/Mwb2rL1S6udN1SwuJXL6bMWt5d3/LFyRsf8ScfhTS5tCDVDFSMnNWI23VCylWYFtzbmyfxNPjqHo7FItUn8VRtN5e7J8sY/1h6fSkt5lnUMjI4HGU6VfQon/iqVetRN2qeL7y/SkA/+GmdqkPempQBKv3l+XPFSL97pimqpbB3YUGmR3cVxNJEsiNMnPlj7+PX6UAWqfH92oIwcAnqeaspSYD4/u1ItNopIB38VTQ/6yoo/4vpU0f3l+lNgSHvTFp0n+rP1pq9KSAXbxmrAbcoqvTkqgLC0q9aRactAD26Ukf3aNu4fjU6rtx9KAI161MtRQ/6w1OvegBYxubFNaPy3x+NTR96i3bXP1oAcq7mqRl20m7dQuM/7VACj7v41P2H0pnPemtQBJTJGVcZpY/u0knagCYMGUYpP4vwoVfmDe1N3bs/WgBY/9aaWSm7u1J5e1gaAHen0pKezbhUS9aAFam/xVI67hmolXaaAJlp20bc/xVGv+t/ClbrQAx98nJXI6U2PCAgDHNP27nz7U3y+tACM26hetOUbTT2oAF+9+FMfv9amj+7TZPvUANTt9KjkXdJUv8NNWgBFXa34U1v93PNSN938aX0+lADJO3GOKRaWT7tJ3H0oActNk+9Um3cuaaq7aAGfw0yP/WfhU+3dTlG3NAER70R/cP1o7n60N91frQBG1OC/KG96jLbZD9ak3bqAGNJ9761A0h/4DU0lQqu5qAJtwZRikj+7Rt20q0AI9V5Pu1PJ96o2oARO30o9frRRQA16ryfdq1t3U2SP5aAIU7fSmsu5jVjbtxSN0oAquNtRrVr+Go2+793NAmRN0qNetPbr0xQtBIrdKjXrUv8ADTKAEkXc1MYbRTmprdKAI6KKKAPmxetTrUK/eb5c0rNtK8Y4oKZYSpmb5WFV0bcfwrNv9WktLwW1tAs90y+aFkfYpAJGAfXmmlzaEOXLqb0a7UX6VIlZek30d9CwQnzIXMUqNyUcAErnvwR+daDdqnZ2EnfUtfw0RVH/AArUv8S/NjinuUKv3j9anH3fxrmNU1S60vVmuFlAs4I4mljePKyK7srnPqv7s/jXR/gRjjn1HBx+PP40WsNO5bHUfSlTqfrVeD79OuJpo4T5MPntn/VggFvbJ4prUbLlSR/drFXVpY4T5mmXkcmfuxmKTaPqOfwqaz1eC6lCLKN/9xxgj602hJmtt+8dueKfG25Bxio/MbcNxC/7tSxtukBznioZRNCyryTtPc/iMfrWV4Z1q51dtTW6+SaG7kiZf7sYwVf8SSPwrQbMmYxyrYDr7HpWC90uj+MLgzkW0N5ZLMGkJCeZE5B56Z2utXGPNoZM6lc8bhg+lTL1qvFLFKqNDIssbMcMjhhwSvUfSppF2n8aT0di+hL/ABVJTCv7sNTg24CkIelR6lp6axYXVi+0C4j8v/ayfusPowH51ItOVtvP3ufuno2OcfmFpqXK7gcvp+uag1vY3948Js2kNrdIRteJhhPML+rSL0rqJLyG1ZVnmWJ8bQ0rrtDHhzz15Brn7jQ7q4kmtX8mPS57r7TI0bEOAwVnT0/1i5/Gugmt7e6bM9uk7BR/rAjAHqRn1yTVys9RRMfxJFDqJ8Pxedu0+S/AdgQVlZY5HRTjsTGR+FXbO8tf7avdLitvIaJBcu8P3NzE5H4Yx+FLq2mtf6ei20zW09vIk9u8YwFlU4UHb/CQWqnpuk6jD4sN/LHbrFcWrWpEG75CsiGN/m9dz/lV6cugdTqFbbkeh6+vFSxtuWoFXAQjdtKjaG7LjA/SpV61zI06ElHal/hpnamwLPzMoXHyYOX/ALuQQP51xnhGGS88Wa9fLEq+RO9kZG/5ayLMrE/8BVFP411sw8y3kjEjwu67Fkj6qxBwfw5/Oue8O2cfhrxHf6XFHstLyJL2BjtyJAojmzn1zG3/AAKto/CZM6yNBHGgGMY/h/LP9fxqaOolyVy33jy3T7x5PT3Jpw+7+Nc5aLNOWmj7o+lC/wCt/CgokXrT921qYvenrTQEm7dTWpyf72Key7mHOeKoBiVLSrGqtk09mDYxQAkP+sqT+KiT7q0BtuPpQNElOWm7t1KvWgbHdqsL2+lRrUkX3/vYoJBfvH60sy8bqX/lt1zxSP8AepMADbsVMtRxU9e/1pIB/wDDTVpszbUX7vX+KiNtwPTr2qgJFo/ipF609qABqF+9+FJ/3z/wKj/vn/gNACfxU5qSk/ioAeveo127n/vVN/DUTdqAHNuwu70pv8X4VN/CPpTF70AQ/wAVSr1qPaGJ+bDZqSNSq8nNAEtC/e/CkWlX733c0ARv9403b325qeT6Y4qFv9V+NACrJ7Yp27ctRDqPlzUjfd+5QAi01vvCpl+50xTKABV+bO7FNLbmPOaVm2rio1bcaAFam/xVI9RL1oAk3baN26imzf6ugBf4qe3SmQ/c+7nmnt06YoAjpf4fu5pKX+GgCtN9MUL2p0nJxtzSxx+WuMY70ADUjLuXNSfw0i/dNAEG3app0P8Aqz9aX+Kn/wAX4UARr978Khm+9UzfeNI33fxoAcv3RRJ/q/xpV+6KST/V/jQBDJHuUNQMbl+XJqRai7n60ANZSzNkbeaY421Nu2rim7tymgCv/D+NO9PpSyf6v8aibpQAk/3KgP3hUqttH3c02Q5bpigAopq9aWT74+lAA1NbpTpP9X+NRH7woExtFTUUEnzDu209G3VEvU854qZei/Sgpkm7jFY/i0SWMNnqcCKZrOVXYt/zzJ2t+QNbS05kWa3kicN5bgq3oykEEfhkVUXZmcldGbeeRpOsQX0CvLa3BEEzJ91gQNr/ANPwrVni3RktLtIzl4xl1Prj6YrJttG+0eH10u7ZZwI1tiy91HI/Lala1r5nlr50vny4w8n95scn88/lTlLUaVkUtFuZmudrX7XahcBWgwcZ+9n/AD0reDrD5jFvLDJtZwuSRUEf+s/CpRleVQMT2boSOg/U1HN3HuYWs61p+oaLqXmM677WSNS4wXGMfowWugtmkkt43mO+dlHmP/eYcE/mP0rJm0GByV+0TmwZ/Na3k4TscH1G7PFaVrapZx+VGuxQchRwoz2A7D2q7q2hKjZlyKobmxe8IC3UsAz92F1Qt+Jp8P8ArKnjqU2tjRlWHT5rW8XN5K6lGHlMUI3cYye5HNVbTHiDUoL5QY7CzkcRg433LZIJ4/hz+oNbDU5Krmb3ElYk2+XtXjj06fhUyVFUkbbf4sVn1KLC9awPF1qWvPD12qKTDqKROW6eVKCjkjuASnHvXQK24Zzms/xDpba1od5aRtiZl3x/7y5YfyrSEuV3JceZWKtvGfD+uWtvbLjTtSkZERpN3l3PzMCo/hVwG+X2PrXRxsrEY3OuBy3YEZA/AEVk6zpc2qWTrbiN7mOVJ4jN9zzFmVxn8pMVqQ8KowRgYGevHFVUetyFpoYdxNYw6kTbPcxz5GdiO8R5+6wHHP8ASupVgxBBKnAyW4Zj7jse34Col609u1ZXKJ1+91zxSev1oH3R9KctJgLMu+MphjuXHytgisj+xZ1YCLVrqIZ6MquP93mtfHzAk7QDuz9K5ubUdQute1DTLKSK0nt41kw8fmGQkny8D+Ef6zLVpARqR6fq0Mh8vVY7gf3ZrQAA/wAIyPx/OtmAOsYEgXdt/hGB74/HNZuh6g+pfaLe5jjt7q1ISWNPuqjA+W6/7BKsPqDWpHxtUDCqowB05AJx7ZJolfqUiYbtq4bHFQXUzwIWWJ7lscLGVB/M1YVtuaryOzbgBkH+90FSihNPvLiTIuLf7OpHysXDHPocVe8o5GeuOT61lWmkpG3mSXE91l8hZWwifStiMk9W3gcBs54qGAy4GyIkKXPZUOG/P0rAmtdYvtUsblba2t/sTSPGssrEvviaM5x2w1dLJ96o2Tdn+DPBk6lcg9B6+9WpcuorXJrFna1HmKqt3VCSo/3c9qmSsK18KwR+T9lvLyG4AQGWO4LO3O4MR0AGOR71b8L3kt/pgknCieKaW3kKY2kxuyZGPUKD9SaHHTmEn0NpKmqBm3U+D79QiieP7tOpqttanSSLkZ9KoCSP7tL/ABU2Jgy8etLt+YNQBLt3Mv1p0q7WxTGYsp/u4qSPHlrt9KAH/wB36VJt3VEv3vu5qX+EcYoGg8unKNtP3fMo254pm3bnjHNA2KvWrEf3ar9qsr90UmSSJT3qJetPapAI/u0NR/Cv+9UgXcxoAh/ip0i/LndihV25+tL/ABU0BJG25euacv3vwpjN8u2pEXatNgMb7xpVqSkb7v40kA2nLS+ny54pf4fuVQDWxtOadx5a49Kav0xSN2oASjvU3YfSk70AVF+ZiPerCx+WMfjSL/F9akj+993NACLS0bWyWAxRuLdetJgDdKiX733c1LQ33fu5pICL14xRR+GKbJ92qAdS/wANMC7sfSpdu2gCGk/iqx/DUTdKAEdtoxUStuNLt3NStH8w+lADm+7+NDfdFO8v5aSNdoP1oATuPpU0femL978KVe/1oAbt++abu3QfjU+3cuajC7SaAIZF3R01F2n8Kd3P1py0AR+v1pf4adJ92kb7o+lAEP8AFUy1D/FTmoAdIv3W96YG3FvrQ3SmJQA+hulObpUfegBm7bTZGZgP7uaF/i+tDruGaAIeNx2+tKvWk27aKAG3H3vwquvWrEi7lzQF2sPpQBFJ92j+Glf7xptADKKmX7ppBjA/vZoAibpUVTzZ3Hc2Kjj785oAZRUbfeNFAHzGvWpP4qiWnpQBNt4zU+7coqCnx/doEySOpf4qZH92nL1oEidKl3bWquynk/w4qWNgzJt/u0FFiNt0h+lO27gT7VGv3T9aEoAtKu1U+lSr1qBKn/h/GgNyT73y/jT0P6cU2L74+lP/AIqAtYlXrT2pq08fd/GgARtv8WKso27nOaYF3SL/ALtSKu3I96AJ1+6aIf8AWUxf9X+NSr90UAPX733c1I3bjFRw/wCsqWgCTsPpT4duWz6VGlPm/wBXQA4YxxWbJpI/4SG31WNliZbdra4yufMhyH/8dZQf+BVfjp7feFNS5dQ3KsWlzL4oTVUlHlSWptHjC4y6yhlb8S0laccieWoQ5UDA9h2/TFNipfX61O7uFrD87v4sU1u3OaI/9Z+FTL3qkBJD94fSrEfQ/WqqffFXF6VPUBaTb8yHpk4zTWbawqO+tV1KzltpJpLdJF2+bC4SRf8AdJ4570/UTM+81o6hcS6dp6NLL917qQ7YoB0JLevPStzT9Pj0nT7ezi3GOFNgZxhmwTyfU57+mKwtP8JpaWq24vJmjjVisAkVBklckMnXjFbunWcVjAIYd3lqWxv3E9T3brWkrW0ErllfvN9KmX7q/SoF+8flzzU6/TFZMoRqclRr/F9akSkgJaelRt2qYfdH0qgH7ttPRt38WKjWpY/u0ATp/v1I3bnNVlba1SNJ0oAkoX733c1JG24fhUa/ePzY5oAk27mHGKmVdo+9ioG7c5pY/vUmBI33hzmnN938ajj/ANYfmxUnrzmkgHxL8wb2qQtuzUK9alpsCP8AiP0qaP7q/Smr1qTbuakgHt0pqVMq7Vpq02AfxU5qb/FT5P8AV/jSQDaKaegqbsPpVARfxfdzSt94cY4pzdKjXrQBJJ/q/wAaIfvUN0pI/u0mBK3WmtSU5akBn8VPk/1f40fxUrsMY3YagCKkbpRtK9Tmjd2poCCT7tI33RVjbtpdu5c1QESfdFOo27aKADdtpGbcv40Sf6v8aib7ooAkbt9KVaYv3RT1oActMk++PpT1XdQw20ANb7v3sU1Prmlb7wpsX8f+9QBK1RzKNm7+Kn0yb/V0ARbi2M0qttpNu6lUbaAFZtwpq/dNOprfeFAAv+rakfov0qT+GmN/qvxoAieol61O3SmR/eoAVfvfhTT3+tC/641Kq7s0AV/4ahk+7Vhl25+XNRqu7tigCFt3y/3aNoZztqVhtprUAG3a34VG3epVztPzYWk2hlODmgCutLSsu00fw0ANOefmwuKaFDY2nPFH8VPb7v8AD+NAEKrtz9aR13DNP/hPTr2pn8NAEHl0VJRQB8s1JHUcP3+mOKft/e7vagTJ/wCKpVXvtzVRWDS/7VTJnJz60Ek6z7WxjFS+bvAqGpIl/ioGixtVcZbHFScbhg5qFpOlSNJ8goKHvn5f7uam3BW+WoVbdipo/wDWfhQBPC26T8KnjqqvWpl60AWqVetRpUy/e/CgCRakj+7UMbHcR/DmrCqFX5aAJI/u05W2tUKVMvWgCdW3CnLUDfeFO/ioAnXrT2qJaetAEsdStUUdStQAqLuqwsf3frVdKsJQBKy7WIpn8VOZttG7ctAEsf3aevWqyVZj+7QBJ/FViHoaq9qsD7o+lABGv7wtUm7c1NXH97DU5c9zmkwH7vmxtzUyLtPTHFRr938anP8AD9KkBnr9ali+7+NO27lzSRrtB+tNAO27qei7f4c0JU65ORkfKM7F+82SAfw5qwG/hinpXGR6tqMDeINXluPMtLO+kiFl8uBboi8rn+POc+2K7TaY22l1k2uwDrjBAYgdPbH5U5R5QuPboalVdwH+7TfX61ZH3R9KkBhXbGtOX7op60bdzUAPi+7+NPpm3awqT+GkwG/xVND/AKyok/3sVN/D1zUgP27mpZV2gVFD/rKkbrQA5e1LJ98fSkj+7T9u5c0AC9am2/KWqtt2/nVhfuCmgCOTg/Wl3bmpqVI1MCRe9Rdz9aev3TSx/dqQGrS7u27FPpG+7+NADGjK4KHMnNLDuaNGZsEDH60/0+lRyNtagBnmfOec1KG3YpjfNHu255p1vJukAxjigCRqFqVl201ulNDQxqa33fxpkiltv93NTbQv3aobI5FDKPmw2KZHGcHJzzVhV3MKbt2yNQSQsNtN/iqXbukJqNo/noAVqa3apY12yD6USUARyfw/Sm1YX7lRNQBCzbWFSJ80m72xSkbto96Ux+WxH40AO3bs0xl3MKT+KnNQAki7SPpTadSfxfhQBG+7HFRLndyuakf7xprNtXFABJ1HGOKRaiZiy/7Oamjxt4oAX+GkT/dzUm3cuaRF20AD/TFR/wANTSfeqvcL8u6gBjdKalIG3Yp/8X3sUAEn3qFbbT2+71zSR/doAjkbc1J5e5d34VKy7qaw2igCuehqE7ucdMVZbpULL3oAdztTPXFJu20ituoakwGyNuao2pZPvUqUkA1V+bdTC24mpZfvfhTG6VQEMn3qbT6a1ACUUUUAfKSVLVVetWI/u0CZMkjKu0dKeue9V/4qlXrQSSr1qVW+bbUaL325p8jbscYoGixt2rUjfeX6UyP7gp1BRND/AKypahg+/U6t0G7HNAD4Pv1Zjquq7WPOeanWgCdd24/3cVOuNo21Xi+7+NSL1oAlXrViP7tQRf60fSrNACfxfexUsf8ArBznimrTl60AP/iqVetRt938acZdkYFAE1KvWmK+9M06L7v40ATL1qdagh/1lSrt3Nn0oAkX/dzTl69MUseOMelIy9W255oAsR/dp23dTI23Z4x8tC9qAJlG1TSx0znd93K1JxuGBigCzH92ndqij+7T160mBO33R82OKYn1zS0q1IE8P+spzfeqKH/WVNH/AKygB69amXvUP8VTLTQC2v32+tSyO0ZU7sLuH6c/0qOP/WfhTmPJO3O0Fv0qgOZ0izi1eHxZZO2Y57+Qt/s74Ewf/Hq6vySsaKW3FRgt6+9YXh+PyfEviaLGMXcJ/OBDXQ7txHsAP0qpSEtiRV24qwlc9cXD23jTSYy7GG7sbsCNf70bwHP/AI+Km8UeJD4duNCG1jBfajHp8ufvBnB27PfKnPtik6eo7l+41Dbr1npxTH2iCWVZPdWjXH/kSrw+6mfvFVJ/EA1Uu9MjvL6wu0fyvsTvuULnzI2Rw4/Ahfzq9JIsMZllbyic5kJ2g888fXNLbQBq9anWoIbiO4ZWidJFxgshyM05pAjLg5cHIX+tJjWhLu2tUm7dXG6hocC6frF/q6i7kjEssbSN8saiMsuPQ7lHNbnhCK5h8L6Ol5IZbtbSISszbju2DPPenyWXMRzXZrL977uaey7scYp1C9agoWKOrG3atMXrTnoAhZtrCpVbcKZu+RhXNwTND8TJoJ5HFvJosbwqZMJ5i3Db+PXay01Hm0A6mP8A1n4VJXJ+IpPs3i7wU7FVzNdW8u70Nvxj/vmutZSzFiQd3zfL703HlSC4fw01aRhtqpqU8ltatJDbNdS/dSNf4ifU/wAP1pWC5fWkaZbeOSZ5PJRFyzlsDFY2n3GuSyRPeQWdtAR86xO7yL2ALDg1geJPM1jxVZ6HeI39n3K29xJHu4l8ozyMpHvsj/KrhDmdhOVjtbG+t9Qh821kSWLpuQ5GaNu5z9aq3wFhrltcxg7r6R7aZQuIxIEkdHPuuxx+ArTMgaZgG3L0U+w4H5gA/jUyjystaq4ix/JTVXbS7dufrSq21qkGN/ipzdqe3z80ojwufegSEk6D6UyP7tTyNux9KZ/FQMWP7tOpsmdv+zThjAxQAjUhXdGaVm20yRd653YoBlfy/mb5scVKYd0I+elZduBnPFKrfIVponcaqeWuM5qCT71WFj+982KbMu2EDOaoLWIVbbSM26mjtTm7UAH8NNWrP8B+lRdhQAyhulK1C/e/CgCuzdt2Kbs+fGc5Gas+v1psrfJtoAq+Ttap0jpUj+WnqNtADlXa34UxvvGnbd1Jja1AETq27cKhuF81RlsNnFXXqtLaiZN+5gw4+WgCv5RhyCc55oVW8zI9KmWIqnJJ+tJHHtYmgCN2LDn1pfupmlZt2abH92gBqzbqf5y7SDRt3NSyx/JQBA2M8Usf3qkVdq1G3SgBsm3/AIFmoudxz61JH96kbOT8uVpMBq0rdKOOwxQ3SkgIZP8AV/dzUfpxirC4ZSP4qgmhKjnrVAH8NQtUu3bil/hoAgop9FAHyWtPWoE7c5qZfvN9KCCRKnXrUS/dX6U5etAFhm/d43Y5pY1245zTFqRKBosx/dpW+797FNRec7sVJu3N1zxQUSR/d65qeOqcf+tNTx0Ba5bH+sFWGb5dtU/M2AYbBJxWNb6g0/im6hjkd4Fs1DRn7gbzD831xj8qLXFzW0OnC7QPlzT0bnGMVF69+Tz681JF/vYov0HbqWUXb/DmrMP3+mOKrL065qSP7tG4Fk96alYniiae10kXNu7xyW9xBNuj6sBKpKfjitu7lFpazLHH5yxqcRnrIEUkofyx+FJxAi1ZpF0u8aFnWVIncbOrEIxAH5HNR6ZdG+mvTI+BMyXEa9grRpkD/gW79adp2pR6tpltdxHMVxGsi/iAcfgePwq1Hap5vmlcttxVp6WAsj73XNP27mqnNdLDdWUBGJLp/Lj+oBJ/lTNYvms9DvbpGwVtzJ/47UbsTNeJdvRsGqS6nPb66bK4X9xPb77Z/wC/IrfvF/BWQ/jTbG6/4ltq7liGto3OP91Cf0aksZofEVlpOpW7EK0YuYs/7cLKf/RlO1hJmwxViSpyMkZ+hI/pQtMbJOc5U8r9P/15oVtrUFFiOrK1iajr0OmT20TK89zMcQW8O0yP/ePPQYxzSweIlhmFveo9hcs2IZGU+VIfRJF4Jximqd9Quba9alqGNt3YjHHIOfxz1qXd8wWoejsA9KsR/eqArtAqc52qFTJ2nn3yAPyyaljWg1vv1ItYQluNejmFpcC0sEmaI3S7fMm2nBCluF5B5rQ03R4tLjcwNNlgDmeRnJx3LHqfpxV8tlYm92aC08NtX8aZJujVx8zlRysh2hu4Ab8elZkXiSziKpeh9Pn3YYXCHZn2PSp5X0Gbu7dj6VKrbWqh/atkzIi30LGQ8KJky49AK0VXa2NuwAfd44/KmotbgSq24UjE7dm3IcMv5imp1P1qxnbGSWwMN/KqAwNJxH4u8TYGNxs3/wDHCv8A7LW4jeXIE/ujFY2jKreKvEsqPwzWq/8AfMef61t7txHOeP6VUr9AjqYHiCQW/iTwteSN5dvHdy20sn91ZYWH6lFqp8Ubhf7NsIWQrLBfR3wVPvL5LhpD9PmrotZ02PWNMuLKRgnnAESAZeJlYMjqPYg5qC30NpJruW/uGvZrqNrc/IVCxkMSq9uSS341pGcd5EOOp0LvtmZeCFJUN3IBwCfeqmqpbyQK1xD9oQHHl+T5v/jtRaPYtpum2to8rTvDGqGVsbmwOM49BgfhV9ulYX1ujS1kVdKezVmFvZ/ZOOT9m2cf0q6zFhz0/h+lQL1qWhu4I53xM02oXFppEE6QJOGluZJYgyxwKVLcnj5jtH4VsaTLuaRGvo9SfJO6FFVk/BewNLeaTZaps+2WsF0qHIWeJWH5mrdrYwW2RDapbpjISNAo/IVo5e7Ynl1uWkzvXLF+PvHrVi3++arx54yMVNWLGTyELE7H+HncWwFHc1DHPBcIHtnSSH+FkOQaYz7WwzFU2kn8jx+J25rC8Mxm117xBBAn2fTUni8uJfuLO0S+Zs9s/qTTjsNHQ/xVieJLNob/AE3W4IZJ5tO8wTRxglnt3A37QOeCqk1trhlDA5DAH9Mf0p604vldxs4rUJ7vxZdXk9gBHDYpHNYSSboTPdB0kJUt2AVl+pNdJqmty6R4fh1R7QERmOS4tm5KJnlVPfnYD/u1pbd1HlnaRjIIIPy5GD1z7Vp7S+5PKcd4b1KaO18MzT6k1xc6tC6zL/CSI3k3L7Ltx9Qa6y8sY72Mo5kCdhFI0ZHbO4evX8ar6doOmaTIZ7Kwht5MbBLDHyRnPHtkn9avN25ye5xiplUUnoJR0Kdho4092K3d5dr2S6kLqn0JrM8UaVc/2ro2u2KfaLvTnIaDj97E/DYzxxXQIu6ptu2pjPldwcbmRGtzq19ayG1ns7a0ZpEWfbmSVkdExt7KHY/ia2iFDHYu1Scj6dj+IpE/3c1N+GKTlzFrRWI1pyruahqF60gJGXatO/hpjUfw0AIv3vwpPX60iruapNu1hQA2lWpGb5dtRKu00AJLSr9yibqKc33R9KAZWbPnD+7ijjd8tEn3x9KlipokSo5KmPf61H8u0f3s1Q0Vf4qmWmSZ3nNNoJ6kjUjfd/GiH/WU9utAxjLuUH2qONdslWP4aZ/DQAxutJRSt/qvxoASlXrSJ1/ClX7x+tAD2pNu6kk+9QtAAw2io6m/hqNm2rigaG7dx+9iqzLtc85qbzN2B70FdrH60DZG1IvWnN94U9m+XbQSRy0np9KnC7QKZJQBWl+9+FMp0n3qY33fxoActNk+9T1+6KKTAgamSfdqSf7w+bFJJ90cb+OtJANHb6U56hWXy2xjFSs/mDNNgVpun3c01vujjFPlX5M/L/wKo925e34UkBHRRRVAfIq9asR/dqurbjU6UCZMlSfxVHTl/i+XPFBJYDbV/GrAbcoqlH0HGKsJQNFmP7tO3bajWpF+6aCh8bblqeJvlxuxzVVKsx/dpMCVVPIPzZBK43Z9xx7VzjQm31qznstLnSAq8U0jYwVJBz83PUGuhH3fxq0v8P0q4uwezvqPEpZi5GN5LY47n2qZW3Cs/UtPj1SERPLJFsIcNE+w/ifSrccZiAQncBwD1yMeveotrcNtCzD/AKyrMX9aqpVmJfnztzQ3YCHXLNtQ0e9t0G6R4isY/wBr/wDWFpmi61DdeH7a+d/OWNE85f8ApojBWH/fStV5Tu3HZ0rPufDsMs0pW4mS3mYNJbL9x2Hf/H2ArSMr7mTM74dAw+EbG1PW13wFf7uHJx+tdXG3zbay7XTZrS+ndDAlvMfMMSfdifAG5fYgAfUGr6duMHuPepduhfQzNU0t5tZ024E08MYLxtJAVbaxA27kPYnPNbV1aCaxliKhvOjaJgABk7SMYHvz+NPjqU7V+c7Tg9GpcxLOf8PzrdeC4oS24w2zW8q/3dnykf8AoH51f8Itu8J6Oe/2SJW/3lQK36g1He+Glku55Le5khtbgfv7RUVldsggrn7rcYJ9AK0dL09dMQwRuWtwzNEpA+RWOSuR15Lc+9bNxcfMSVi2dzJiNlV8cFhkflVSG31BZCZb62C5/wBX5GAw9M+tXt23gtgZ7HB/Oqsej2rXhnId5Oxd9x/OskUQ3kcNr4js7x3kgee3a1Lyf6pGDbkz9f3mK1NW0m11zT5bWZN0M4IMbffClh84/wB3MZ/Glmt4b+3a3mjEkJ+/GTjI7Hd2I7GqC2OrWMHlQ3aXUQ+VPtQbzgcgqCw+9jHWquBb8LvOdHgju5VmuoS8ErjqWRivze+AP0rbWsvQ9LGl23l+cZHZ2keQ5+ZmYsTz7nH4Vpq27POeayZfQetGSzGPOFYYJPQehpR90f71In+uNSxrUw9X02+0fUrrWtHQ3DzHzLzT1OFuAFALxn+GUAD6gAVpx30WtaNBdW179ltpl3C4XapXsRg9CDkH3BPerygtlR8h+8sp6Kw6fnQtvDDE0aJEkTtwirnr1/XNXzXVyeXU5+HT9JvpBG+rT30inA3XQwzHvgV1EICxoo/hG3rnpxSWtvFbHZHEi/hip+d3IA+lU5ajtYy7y0luvEWm/uwLaKOW4Zj0eRdqIp+glcj61tY255JGTgt1xnjP4Y/ShKmpXGhsdUNQ8XWGkaoNPupGhneHzo2YbUk5Pyhu7YVvl9x61pLXOfEC1Enh2S8RVNzpsiX0Wf70bA/y3VcUm9SGXPCtrLDZz3EwIlvZ2uipTYVVgNgx/uBa3f4qkjYyLvwAHwRj0wMfpil/iqG3exXQbt3VJGNtVtS1az0mGJr28gs0kfahmfZvb0zUetaumi6PNqIj84RhSI+obcwXg9xzQBqUq9aYsY3MA/Hr6/5/pUyrtUc5otYA27nz7UzbtapPunJZQP8AaqFdQtVk8ozosh5C0CJ161Yj+7TUGF7YPPy0fxVHUpbEy05aYvWlkuIodoaWONieN33qYxf+Wo+XPFOX7x4xUi4PIXGefr70NSBkX8R+XNSr24xSou6pvLZVJBx6HuPUj3oEnYZRt3Vzfiq91rTdL1PUYGtUtrOJpoLfydxuto3ESH3xx9K6eIlo1dvvONxGMYJ5x+HT8Kvl0uTzXYzG0VN2H0ooX734VBY1tq8lsU9pBJgg54xTWXcpPvUirtxQAiVM3+q/GoZpkW4toiuWlYj8hU23ao4x/wDroYkMpY/9Z+FK3Skj+7SQxW+9Tmpjdqm/5ZimAka7lp+Nq0fw1E3agGG3c1TKu0UD7o+lIf4vpQSDVHJ96l7D6UjdKBobRSKvenK26gbBV3fxYqIx9fn71MzbVxSRtuU/WmiSnKu1em/3pI+g4xViSoV61QD5P9X+NCfdp60N0oAa33fvYqP+E85oakoARaJF3R/jUkP+spz9/lzSYEMa7QKm27qYv0xT1+6aSARhtprdKP4qV6oCJv8AVfjUE33R82Kmb7v40Mu5QfagCGP/AFg5zxTm60Ku00SUAMZttJu3Ui0u3d/FigBy0ySkYbWHOac3SgCBV3NmkWP5jUq0tJgNZdtNbpTpPu0jfdH0qQI/4ajZdyt82KfSSLuj/GgBjLtVec8U1ulPVdq0xulAFdvvClelbpTNvy525oAjopPN/wBiigD5FH3R9KVetQQ/xfSpv4FqyCZW2tUu7dUaf6xfpTm60ASJVlfu/jVWOp920fjQNF0fdH0oVv3mN2OKiDblFPj+7QUTRrtk65qaOqw6r9alDbWNAFtetTLVZG3VMvWgCxH3oh6t82OaarcMPapFXbEKAJl7c5qxH92q6fdFOXrQBcjbt834VNt2sOv41Vh/1lP7t8q9PvGgCdvvCpF61Xh+6PmDfSrK0ASrTl+993NQr1qaP/WfhQBJ+GKkj+7ULVOPuj6UALUsX3fxqH+KpVoAmSp1qqlWYf8AWUgJUqZetQr1qdakB7fd/Gnr2qNetSr1oAlpAu6QUtOSgCwq7RilXrTF61MvWmgHL1qdaj/hpY6bAkXrVDxRn/hG9W/u/Y5//RbVobvmC1U8SLt8K61/14z/APoBpx3EyxpOP7Lsdv8Az7xf+gCr/wDwLFU9N/48LT/rjH/6CKucZHzYap+2ylsUdaazt9Nu7u8VJ47e3lJWQbgqkDdtX1JCDPtWVHosmqfDO20eQu00mkw2+6Q5JcRhR9McjHtVDxtDPqt/Y6N9ua3tb4s9zwq4hiKs2GPdiVGPauutGDQgC4a6C8ecxBZvqR1x0/CtHeK0J6k5maRQ7jc45Uf7RIB/8eIpljqMV9E7QyeYI5Hif2dWIcf99bqivrZ7q3Kx3TWjDOZF+8AVP3ffiuf8HaGdJutXjuHvA630wRrmQgSK5DbiOmck/lUximrjOpuovtlrJbF2hEw8sTKdpjY/dYN6jnj3rivEC+GtD0HVtOit4ItQ+yyFSLNnm80AhX3juWBNd3GxChwj7c5+fG35fTFc54jvL241CCxt9Nuryzz58qx4zI4OVRS/yqv8THrhRTi9bCZteGbxrjw7pTyEyz/ZYfMaQsp37FySDxmqt7q2vGS4FnoccwC/u2u7sRec4PGzHpmren3l3dxsbizFoVO1cSB9y8HduHBySTx2xUt3Z30lwxt9RWBO8b2/mgn19qNOpS2IPFGr3Ph3wnqWp+UEnt7RpVSQ71EgUH5vXBLYNLp/hPSYlYTWq6hdTD95cXn70scfMCf4AO1XZtPS402eyu3N3FcxtHIszbUdSBuTHYHjHvWXp+j6hotpBaabfx3NrGgVEvULso7AHpgDA/CqU1ayIcbMv6Si6TqMuj+bI1n5P2i3805Kx7gjx57gFkOfetj/AIDsOSSvuSc/rmsrT9HMd497eXQurlovILlAohiJBZYwO7EKD7AVpKzMzErmQhix7ZLAHH4n9Kyb1LRN/FT2w2ONzA5x2/H2qjp9+l8bjYMeTM0B+q8VorhlZduQeG+h6frQVucf4l0251DUYdLgvbhhfKZLiOREeGOFWDFgDzzjH4V1l3eQWlu9xdSxWsC/M87HYkaDncT2wCMD3rJvPCtlqV5PeymdHmAjkSG4aHzdvQZHpWf4j+HtnrHhfVdIts6fNfCNjcIxlbfG4dN2ex24z7VrKV1Yz5bM19N16C9mVFgeJm+YCcf6xT0b3yMHPvVHVr61a9Vf7UvrcqSTBbRsQT2HCnOPSrEdnqmp6lY3d+LaGO3LSDyDl5WeJ0IPovzZx7mtllLsGJJJ79jyentUuy2GQaazyafBJLK8shHMssZUk56lCBjsPwqFrjVFuGWOwtZU/hdr3Af/AID2q+y7afB9+subUNzNuzMfEfhnzEeI/wCl+ZHHLkq3k/KB7ZzWz6+uTnJyc5Oc1Uks2m1Sxud2Fti//jwA/pV04ycHNaSdxpWEWjb8+72pGp8VQMj3bs/Wp/4R9KY33jSdqAHLS09V3MD7UwrtJoAKX+GkXrT3XcM0AV2pV71Isfyn61E0LdR0oAYv3j9ac33hUkanIJ7GmyNudvrQAMu5c0kS7SafD1+9inR/6085poCCTbuOVzRtDLkDFWZF3L+NRbduKbArqu1qTbuY1NJ96m0kDE8v5/wpPL+U/WnUU2JESrtNErfNjdjipaKkbK+3b3zSrT5PvUjf6r8aCRrUlFKtADGpj1NIu6P8aRU2pnbmmgK6/dNM3bamb94c4x2pGj+WqAj3blqOpNu1TUdACNTf4qmX7pplABTJalVttMlbdQAi/wCr+7mhfunjHNG3dj6UY20ARNTWqx/DULruGaTAiao5PvVJHH+8psy7WIqQIm+797FQt165qeP7tNlz/dytAENFJ+7/ALlFAHx0zBl4JPPepYPvD6VCvf609asz6lmnJVdKsD7v40DLAb5ce9TCPbID7VCPuj6VJH92gaJVbc1WI/u1WSrCUFEyVJ/FUdKv3vvYoAtRN8+N2Kpxym38TbSSyNaiQ5+6uyVefr81StJtwuc96qXQ2atpzFcxybom/FSR/KmtSZbFyxvYry7urSLzV+zkI00n3HyBwvvWnySSScH7ueoA45/KuZs2MfizUWLf663jm8r/AGgOT+WK2rnVLKxuIoZbpbdGAYE/wg9PzOabVgRfj+7U0dQ+ZlPMYLzzjt/+v/Gq1nqjtcCJ7C5h+fIkaPMeMHkn0qdytjXVgrY3YapGYsoJOa5W/me61+3s5zNHZSWzsn7zZFNIAucH2G3ArV02Zob+4sCzTIiLIkknLurFhsY9yCpP0IotYjmuzaj6CpqrY2sBjdhVGfwFSr06YoLJ1/1bVKv+rX6VBH92nL1oAmjqwvWq69asRUAObG4fNhqlTPc5qD+KpV60AWVbbTlbcaiWpEbb/DmkwHN/rFq7uHyjblsVTaT5hxjirFvJ81SwLHlleSMUK2401vnJNOjG1aSAk/iqWP8A1n4UyP7tSx/dpgSQ/wCsqeNf3m6oEqbtQBOrbs/WnL1pv936VIq/NuoAX+Kq2ufNomoR/N+8tZhx/wBc2H/s1WVbcD9afMV4VwrIw2sCm7OcjGPcbvyqk7MTItJk87S7GTn5oEbn3UGrrdK5nSdWGhwiw1VxbPAzC2uXb93cR5JQBuzBSBt9h61q2XiKw1aeSG1u47pkUN+7XdnB7n1ptczuPoWLixtb6PbcwQTf3fPiVh78mn2On2ljGY7KBLeAnIWNAoJ7nAqaWP5h8uec9MYzzUjLt4xilfoA5V2yD6UrdaRKkapGhEqdaiSp/wCH8aBjo/u06kj/ANYPpSsu56GAn8VTLTNu1hUqqrdakB8TKvWmX12LO2kuFXzig+WH5vnY5Cjj1bb+VG0K3FSr1PzY4poGUvDumtpOjwW8o/0nl7hueZWJL9fQnH4Vpx/eoX7o5zS0xIF+8frUn8X3c01aVetJDZL+GKKKb/y2H0psSHt/qvxoT7tCs3Khc07aV6jFJDFVe9OVtxpF+6adHTYEy/dNRtUlIy99uaSAatH8VSRtuXpinbttMBFprfeFSK2405vvCgBlKvWnPUcbbWxQAszbePaolbcp+tK7bmqMr+83e1AD1b5CtMVdrfdzRG27P1qaKgBGXcucYpIo9vO3NSK3zlaQrtz9aAHs24dMVXk+9Sr1p8n8P1oAqy0np9Ke33m+tDLuj/GgBm3dR935d2Kcq7cVI2W+XdhetAEG3a3XNPbpUnG3AG/HGaYv3umKAINu5qlVdv8ADmkb7xpf4fvYoAhZdzA5289KfGu1mGc0q/XNLQAh7/WoWXdT5aY3b6UAxMbaX+H7uaTdtprNuoJGOu7nGKi27VPy5qVqZN/q6aAiHXpintTV6U9aoCNqSpW6UkfegCOkal7n60N0pMBq/e/Co5F6tS9qkk6D6VIFRW3Uj1Mv3vwpj9/lzQBCv3TUMn3qfJ97pikXrQBHRViigD4pjqX+KoF7VMvWrIJx938an/u/Sqv8VWI6AJu1Sn+H6VD/ABVMtA0TJUn8VQJUv8VBRNT4/u1GtSx0ASxNtqS4t0vrcRNu679w/h28g0i0/wDg+9jmgNzOTQ2jmhuFnf7cshcyf3wQOPypbqQWWvCedmSyuLY2hJ3bc7wdrY9SePpWqn3RzmpI13Z+Zen3TRzBykegsf7Hsd25sRKoMucsAOAc9x0/AVONPka4MiX1xHzzGy5A9h7U9V27flC8fw1OlHM+gcpX1PS01KCMLuiubdhNDPHH8ySDo30PQ/Sp7K3m+0TTzPD57YUeQMJjqcfiTU643fdy1ObO4ZGOKOZvcLWLSZBIJyQcVNVRKsJHu+bdikwJ4/u09aj7DnNSSfdX5c8UkBIlTrVaL744xxUy96oB6/638KlXvTI/u09aAHj7v41Mf4fpUSVYSkwD+JfmxzViNf3hbOahk7VMv8P0qWNEu7d+dSltpX6UxacvWkhslLbgKnP+rHzYqCP/AFn4VKrfMy+1MklXtzmrCVFCu1l+lSr1oAlqSP7tR7j93dhaeihehzQBItPWmfxfhQvf60AOf5lIKLIMfdZc09AsUahVBHX5RjFRM3QVOq7cfSgaJWbco4xUifdFQp90/WrQ+6PpQxglSN2qPtUp/h+lSASbvl9MVKcbBtqKRui7c1Jt244xxQAvcfSnfxUxetTpQA5actDUittagCVfummr95vpTw27FSUAIv3V+lSJQlSNTQAy7qRV2t93NKtPX/exTYDW+8OMcU7+L7uacvXrmns3apAb3HGKkVuSvtTPL2jNWFbdigaFWP5RSMNrCpaKaGxv8NNWpl296QqN2R6U2SMXrT5Pu02Ftwb60/8AiqQBfuihulPooAhWnxrubNOalj+9QBHt2uajkXcp+tWG+6frQ33R9KaAqeX8oqfy+B9Kjb76/LmpP4jzs9qYDGG2kqZ/rmoaADbuo27T97FKq/Nuo/1ik++KkCs/fnPNPiX5g3tSSR1I0fyCmgDdum/ClPelC7VFI1MCPvTI/wCL61NUci7moAWmu3G2lUbaXbuoAhVdqn60xt23irDDaKjouDIFzzmlqVulRbu1BIjUxqc0fzCkkXaR9KAG01qGpd3ylaAG0v8ADTVXbTv4aaAj/ip7dKT+H72KRfunnPNUBE1I3Spl+6aikXcuaAI1p38NO8vpTWZo+BSYETdKhkb5dtTSMWbmkb/VfjUgVpI+R9KRRtqWSoloAWiiigD4kVtxqwlQr0qWP7tWQSSdqnX7oqsvWp1oAnjqZ87V/u5qqlTL1oAsR48zipV61AvWn/xUDRZp6VFH92pUpMomXrU6VElTL1pLUaJh938amK7iv0qD7TFGyxvJGGJztZsGp+OcDAz65qrWGyZF206RtuKZE22pWbdQSTQtuYfSp1+61VYW2tVhR5gz70mBJEv7sNuxzVoNuUc5qGNdsg+lSr3qQHL978KdD/rDUe47iv8ADiplUKoxQBMv3T9aWOmR/dqzb/dNADl60/8Ai+9io4/4vrT16n5c8UATJ94c5q1VeP7g4xU0f3aAJEqaoI/9Z+FSbttA0Tx/cP1pUqFG3VOvWgbLEf3acvWol61Jt3N97FBJZVtqEU+Ftw/GoYV2ydc8VKM8hRlshgPXAORQBPu2tT925hXNWM9zJ4s1OOSZ5bQR8Qn7kY2oR+Oc10fPOeWBOT681pKPKgvcmXrUtV0qWswHfxfexT+45zUVPRtv8OaGNFmP7tL/ABUifMu7GO1O3bqkZIq7qco2mo0qHWtSOk6TcXIi8xkHyK33WYkAKfrn9KLX0BktxeW8N5aW0jxie5YrBG33pGAyR+FW/Q9+/wBelcnqfhe7+wR3KkXmtW15BeeaG272ikDGJCe20MMLycVp3XifT5dNlktZw0q7QkEUWZVYg7UMZ5XB25B57963dMSdzc/iqVWGGG3LYqlp4ufsNr9s8sXZiUzLFwivj5gB25z+tXkXdWD0dhiqpXbkYqVfvfhTWXbiplb5lX2oAjX7x+tSr1oddo/GnL2oAnipfX60i09aABaRqX+KnN2oAWL7v41PH92qWrTXNppdxPaRfaLhYj5cP/PQ5Hy/j/Sm+HtUh1zTbfUIG3RzAn6MGIZfwII/Cr6Ay+cfM7cBF5/2h3H6Cqf9sRtq1zYPA6vGN0kp+5uO1gn12sp/Gr0xVoXLjeq5yvtgk/yFYHhLEn9uTOc3MmqTB/bYFjA/JBTjHS5J0nTIHQE4HpyTj9aO1RR9D9eak/h/Go6l9Cfb0PtUO7cT9aqz6lbw3Udk08YuniaZIW+8UUgMf1/SrAbcemACQPoDgUxDmO1c0GTzFB/CkmmWNW3OsQUbt7NgfSi1nS4UPGY5R3aI5H/66GBP2H0pKav3jxinSdqkaJI13LTlG1vwpB90fSs3VtQuIrm1sbKNZru4Du/mbvLhhXbukfHYFlxVRjzOw2X3+8aa3Sq9pfvcNLBOBb3cDbXjXOCTuUtz6kE1MT04xhVB/IUra2JG/wANNWqutaoNH02S7aGadIyAyQLlvmYLu+i5yfrUupaxZ6beWEErENfzG2tzAMRscHJPsdv55quS4Mm2liP7tZOp6xJpk3mm1laxUhZbuF8+USf4k9PetsYbBBByoPy9OnaoPkbzA48xcjKexDBh+K7vyoSS0ZIqukihkKlW5+U8f/WobpWJ4WLWF1qWjuN8NnJG1sfS3dcxj8OR+Fb6525YYfA3fXAH8sVDi4saZXpy/dNPpy0DGw9DTO5+tPeo4/8AWfhTQCt0rD8X6xLoXhm/vYVzPGmyH5N37xmCrx369K3mZVjbcuRmuU8aWt3c6ZczyTbbK0lhuUtFG3z3SVGJdv7qgAgepNaRXM7ClsdDpsU0drCLgYuFQCTjb8w6/L/D9KfI25qfG4kjR1bcrKCDnJ6Dqe9JJ96oejsCI/4ahb7wqZqP4aBkL1GtWP4ajoASPfu4+7TZF3H8alXvUXc/WgGLNH+7FQNH0+lTN0qPbuTPvQSRY2tTpPu1I0fT6VGw20AJ3H0qRetRfxVLH/rPwoGhW+9+FQqu7d9amf71MbpQNkUg2tUTf6z8Kn/hqPvQSQfxUT/cpe5+tMloY0RSf6uo1+9+FTt90fSoGpIYxvvGinUUwPiOP7o/z3qaOoFbdjnOAB+lWEqzIlpP4qGpF60ATpVmP7tVkqZfvfhQBYSpP4v4fxqvF3+tWFoGiUdun4VKvWoo/u08fd/GgouRfd/GiSdYIZWI4VS7t6Ac/qA1NH3Vw2COabDdJqEcqqchG2n68f400BjRWc+p6WdTjIXUFf7XaoNu5V6iPnsY+fxrY/4SCzkhRreUTLNgRQx43EN2OPQUwXyWuo2lmqYWZWYyfTtV+O1ijm8wIgOP9aFy/rj6U2BaBBbKkMnZh37c+9TpVby/m/8ArYNShduKkC4lWEbbVFKsLRuBcEnIqXdurE/tCe31y1t1jUwSwyuWPqu3/wCKFOm1aS08TQaTIsYhuLSSWKRfvl1bBX6YI/OiwG0tSJUasGXgYx8uPTHFPWkwJ161MtVo/u1IPu/jUsCtrl1cWGk3dza2yXU8Ue5YZGwJCDkL+ODV3S9QTULS3uk4E0aykA5AZhkgfQkj8KfnBUkMyKQSo7kZIH44P5VlaLttJtQsCp8uJ/MikP8Ay0jkO4H8HLr/AMBp9AOijbcCfepV+6ajUMuQ/wB/+L8qVm2ripY1oOH3fxqyPuj6Vi6ldaitzZx2KrGj7zLdurusQAGFKJywY/lsp+h6tJefabW5j8q9tm2zxK25TuA2SqTzhuTz60+XS5N7s2V/i+XPFKvbjFNjBWYgnPv6+v65p4X5mO3PFJDJ4/u1Km7/AIDWfqGsQaXaI0qO7uwSOOOFpGZiR0A71atboXkPmeXJE25gySqVdSGPBB6HpTAvx42/LSllVWJcKMYOegH95vp2+tVPOSGRSZFVs8K1WT+8YMUUjPpkfl60BuYGjwvc+Kp9QdDEmoQiK3jb7ztGzEufqDXX8ZJHfk/WuW1yaS7h2WttdeZC4kjuVix5UoPy49sbq6GGQSKGAwCARxg4xnn3rSWquRFWLK9akqNetP8AOSNyG+9tMn/AQQG/9CFZli09KQqVcg9QxH4ZOP0xUlDGiaP7tOXrUC1LHUjLC9aq6u935UUdmsZlkfYWdsBEP3yfwxirNPWR44mMQzL2y+0U1owMSP7T4f13T7U3kl/Zao0kKGdN0sc8cTSKAf7rKpA+ldB5EQmJ2Lntnrjt+nH4Vy095qU3ibTTcaWyx2izS+ZbP52GeMxxsw9OXrrZm3Fj8v3jgqcgjt9OMcVpKRMRI13P9wfhV1V244xWXe2kV1AfOnlgiUZYwzGI/wDfXSn6PZqsZaG8a7i/hdpRIQPQkf55qLdSjTk+9SL1p6ghQCcmj+KswK+qWj32nzwJKYjIuwsrMrBCRv2FeQSMZPpWDaaZa6T41trewto7KJ9MuPORApRmSaLy2IH3mO5/mPPbtXR38Ml1ZvDHcvaM2T50eAynaQME8Z5Ncv4fX7HdT6pf6tG0c8jW8L3kSxPLHHK4GGXq29nraPwkdTs1jUYJLNzuIcYB28KAOwximR6hC00kIniN0OXjX+EnnH5YqWNWaREKnPmKD8u4kbgAM+52/lXD+HNQt7/4f2mp2TyyHc11FIwx5krTEOPxJkX/AIBUqF0XJnYXV0lnbSXFwwjgjAMjKucYPBq7GySQxsBvVlDB8Y3A85/WsXVINQ8y5S38iSORWT7PcFgyLtOApHoAKi8FTXreGtG8+KCFRYwKiwuWfhADkmhx5dRJ3OhbkfJujYEfN2x1x+JC1yVo183iLWNE06e3slidb5d0XmELKCDHs/iUyLIW9AorrJGVo/k+5jj/AOvXP3LPH8RNNkAIivNLmty56eYkqOgHv871pAbL+i6rLe+ZDeRRxalZukc0e/hn2ja6f7LdR9cVB4TVFttWCsWP9q3XfODv5H55p2oP9m8RaVMqKiXaNZSOOpG0yR59/lNHh3EGreIbGddrrfC4X3SWCFgf++i1N7CRuKrMzk8HHUtgYpLe6jmYrFKrlPviJ88/w5Hp1qDUdHs9XtTFqMAuYVwJYZADHJzwGB44os9Hs9Mb/Q7O2tSSIy0MSqGXBwBs7VmUYunbdX8candRJJHDYWS2kfy4Mjs5kbHsvl5/4Ea0PEHiCLw7Lbxm0mmeZZ5E+z7PlVF3OzZ5xzVKxtdfh8RXd08GnvBcLErKJpd6Bc8gHjNbOtaPZ64scdz5suxmAML7JNrKwZSfQ7ufpVSaW4lsQ6lpNlqiAXsS3VtExxbyY8p/m2gkN8rYO3jrVTwtaxWusa7JZoI9K+0pFCsQMapIqATMq9lJGOOODWhrFhFeW83nWUN95YZ4Y2+ZQcgAr643IPqDXH6XpN5beBdQ0/S9MvdLmTTBHFJK+wyXGxjJsTsAcjd33Edq1i1KNjN3T1PQYbmFn2xSw7gACinPYdffGKc+3ccKpGMnpgH15YDNcvaahaXljoJ0yKN9Qkmjt2gVdssa4bzN69ghU8fj3rpuGbcCCW5LDofcfhXNKHKzRO6M5dUufOdf7FupEHImVoBnHcfPnHNU7eUz+PrsMMmPSYD5eQSd003BwTyMZ/GujVd1Y2ueHzqV9p99BM9veWbk70cruibh0YjkBiFGfatYT6ClHQkuLVm8T2rg7ozazCRvULtI/n+lQeKF1qKTT20lY2WSfbcbvvKhA5q1Y2c6Xkt7eMvm7BEsduWZIACScs33jksM+1a/brn29KzcrMcYnP8Aii3+1eF9Zt3HEllcKuPvORCx/L5awPEE9te+I/B8O9ZmimFzcrtJjhDJsjEnb5mLD8K7iSATK645Ix8wyuO/FZ8eh2UVrJbQWdslnKwZoVTakhPG4j1yP5VtGoiXF30M6a9vNS1q90+2uzaJp/kyXRe2SQyNLvKoP7oG3rWjptx/aFhHcYZQ4zhsHHr0981Vv/DEN5fS3UclzaXEiC2drZ9glT+6T6Vo2lrHZW8UEEfl28a7Y164Ue/fnNZys9UHK1uZVkBH42lH9+wQn/fWb5P/AEJ6vahqSaWkP+iXV8rHAjtYg5Ur90kv8qgjAz14qp5P/FYTzbc7dPSP/vqRv/iasatBqd3MRZXNvaJyUM1q0/zkkngSL2I7Vb8xLYbpurDVvOb7NNbywyGKWGdQCjYDYBHBGGHI9TWh+GKqabBdW9uUu7i3uZN2Q9tEY1xgcFSzc5z3q3WWl9CkRz3H2WN5GOEVSRtQs3HXAHJ47Vi6T440LXdiWWp28sm7HkyOUlJ7go/K/TpW/wDwfexzTZo0KhiFdhyC3t/+ugYx7fq25xt+ZV+X8VGOf/11zOpeHdS8QvcC91iWy0tl2JZaesasY/4mkd/m/AccfWuo/hxgD/d9+f61i6/oreIFgs5znSiWku4dqkTqqnahz2LEVcdxS2LmkRxQ6bDFBcfa44xsE24NvA4ByPbFSS1meE40eTXJraNIraXUpTGsYAX5QqMBj0ZGH4Vs+Wec+tRPSVgWxCv3RQ3Sp1G1vwqKTqakZDS/w0fLt5pm4KpA9aaAF60k3anFtxH0okXc1MCH+IfSjd8pX3pzDbTWoYEe3bSN0qSmtSQMhpVbbUyru/ixUSr85Gc0yRN25qc1J5fl5H40L/rfwoAGXcuaZt2xmpH6fjSN91PrQBTbrTWXcuank+831qNaAIlXap+tRN94fNip5PvU3vQNCD/foqu33jRQM+IEX5mb2H8hU6tuUVWU/d9hip0qzIsR/cP1pF60K3zbaRV2sfrQJk0bbZPwqTduyaipw+7+NBJah+6frViOoI/uip160Gi2LK0q9ag/iqxFSZRMu3jPc4qvp8awXl/EGwWbf+gH9KlTqfrVdw8euQHdhLiPyh9VJP8AWriJkepqW8Q6QhG7zBLHn8Af6V0cLbiTjGQD+YBrlNQD6rM11bK01zZjES9vMBJYfigP5V0FjfRapZRXFvt+zyLuj2/3GI4/DgfhVS2Ei5/FUV9etYxeYkYl7P5kyxoo7HJ75zVTRrye9WZrr/XpK6N+B4/TFXJLdLhgJI0m/upKqlc9+tQtCifS7ya9tzJPEsT7sDYwYMMDByOv/wBar8feqsccUahYYkij7LGAB+lWk3MuBUOWoGZqMaR3mm3TLlUuTDJ/uSLs/wDQitJrhFrrWg38vDJPskH90MnX/vrdWpcWJubOaBm2CReW2gmNgRscd8g5qlHpN3qExXVJI3toxJHtjQqZFPBeRj3zzitYyM+ptRqdoDSZGAd3rx1pIb2380R+bHvz91mw1Z3k3tnokkccgur2FcQSNFjdhTtV/UkcA+1ZdreW174Rg+zlheToGXadsxuACOB7AOPoKjluM66aZ7dC4jZyp3BQdx6jJX3wGrN8O30EP2jT2aVZ4Z32iZNrBGO9M/8AAXFa8nErMg3MXbnORjJqOG1EU077n2yKPNiP3MKcg/XJov0Gi4uMtg54rntWsDJ4u051e6gkubKaCO4tZNuyVCJEDD+IEB+Paui5Yqx64/8Ar1V1a1fULdBCU8+3kS4RpOikHGP+BAsPwpp8urGx2k3k6zS6feyLJPCocTqMLLBnhyOxXkY9qns9YlvNUktJrSSBwN/MbnIHQgjjkYNRX2mi8vrO4RvKkgkPl7ehjIAMZ9ioA/CtRW3qD17DHTHYD2HT8KiVnqilsSXD+SoBVpQnJVcl/XoOcVh6XrFtdeJLy7tzIqpbLE6Mki5ZS7ZIP90Mx/GtiSR1hlCECTYQm9iFBPG70yDt/Osuzt79dLTTILLyPk8t5ppl2OzE+ZtUcksd5qqeq1IZs2+sWzeTm5hUvGrRjzCCUI+U4PqKvrJ5hzncPWuZ03TptJhaK406HVhghZfMU+cgICq+7lRsyAo4+XPetbRbN7GxWCRDuUvgM+7apYlF/BSo/CiSXQroXLtrhSv2aHzn/iBbAxU9lJctvF1Gir2CHIAp8X3RxirC9RUc3QaIvs0bSo3lLnsxq8RtXGQee1VEba7fWrMLbpPwpMZX1V7pNPb7Iu6csipxnbk4Z8f7Kkn8aj8L3Ul5o0MkknnnfIiy7Nu9VkZVb8VUVU8R3uo2stqNOR2mYlo/lyjSKQVRj/DkbuaueGFubbS7WyuLFrU28CRhi26LAUY2nuR0/CtfskdTZXrTz95flzzUTY42gjjv1P1qnrGoSaZprTRKhm8yNI/M+7ueREH/AKHWYzUb7/TFObtUQ3BU3DHy9ume+PxzUyUMaJOw+lPjpy/dNIjbakY+TtViPKrvUfMMKPfPUVCw8zBqwi7VFF7BuYp0vU7XUL6a2v4RDNKHAa3MzqoAAAG4Dg5P402Sa9sdV0C2lvGuluJ5UuJmQJ5mI3KjAJ7la3o/9Z+FPdfkJ255q73QWsIuZoysgVgxO5WXOGyQw/76zU9taw2kLrFGItx3YAxk+tQxtuxxirUf3az6gTR58tc+lLTY/u06mAyVsKQw+Rhg56Vmaf4X0vT7lp7bToIJ3beZlXJNa1PSmnYNx4jYsu4NuIO1lGCpHRvoMnNYVn4OstPvJJ7cyw2zsXawjb/R2c9JAPZst+NdCtKG+8Panfl0DlIVgHMbfMJBt+7jOQQR+ufxqSxgSzgt4IRsgRAqr6ADGP0qSOPgVKy7aG7hawvljc2PWons4pbmCVh++jOEb+7u4P54qaP7tOpINyO5tUuF+aJWjjPmCM/wY6H881jXsFzpfiM6ols13BJbeXcCFQ7K6ksjbevRm59q3alh6GqUrA0QxSRzRxywlzFIoZfMUqcEccH2qdm2x/jUW3c5+tTbdqfjUPV3KQRtujpF61NFjj+9imy52HPrQMRu1SM21QCqkEd6iH+r+7nmpAu4DjFGwC21nHbyNLGqxu4wzR/fYen0qwy7lGFKAcBT1pkUfy/jUqjbmi9wIdu1TUdSf3vrTVoExI/9Z+FSbttM/ip+3d/FigSDduobpSqNrdc8Ug+8aCiLdtpyyejeWw53foP5moz94/WmyWK3yEOzKB93ypWjfPccdiOtAmZmit9u1TVL9drQNKkERbssYOT/AN9Fq1gMYPByAdy9+BzUqW8cMaJFGsEYHEcYIVfYZ6/X1Jp6jbmqlLmJIo13NmkK7SaU9D9ad/DUgQtSqu7NLT4+9NAQLCG3Arkls/dzwAc/zridQmvbrWtSs7ee+h1ETQpZNbB44raIhW86RwMY4kGM84rudu4n60rAqv8As1cZcruJrmVjmfCu/QY4vDt02DbRqbGSRPJW5i2gA4ycNkE49CD3roJRgDncP72OT9fX60260+z1BoxNbRXDp8ymZFfafVQe9Sr90j5uOPmwD+Q6UnLmY1orBD92oW++amX7pqN/mGKTAqsvylvekkbcoqXy/L4/Gmsu6pAav9KgP3j9asKNrfhSHv8AWgCBl+XdQzblHzYpZPu0L94fSgCL+E8b/emJnzOmFqb+KmzdqaAa2MnbTWp/8I+XNMb/AFZ4xzTBjW+793NMj/1nTFOo+bs2KCRrttajflSKRlLOMnNSLHxQBWZdppjfeFWZBtqtJ92gALfNt254qER7WJxirCt29qbHGvzZXPNDGii02GNFWGjTcfkoqRnwquOMen9KnSq8OfLGasRfd/GtSGTUxvvCnK23NRbt2frQQyzH92pUqvF938asRNtX8aBImX733sVKrbSOc1XVtxqdaC0WFbcKljqrH94Vabt82KCiylJeWsd9CYJIllRvvKfSkXtzmpaA3HWtvHYWqJEgEa/KAOwp9nZxaeJTB+7859zN70Q96lTqfrQFrCLarb3Ero0hWQ+a0a/dJHf/AD6VdiYFV2//AKu/9ahpy7tpx0oAuL977uasRfTFUxny0z1xVpfuikwJ4+/1pyt82N2KhSrC1IEqnyu2/NNhtk8x5DEu7sxoSpqAHxtuXqDjj5alj+7UC1LHQBMG2r+NT/M2xhUS9ak7UATFizHNSQr8wb3qI/w/SrEPQ0MBztuY/Wpf7v0qCPqfrU69akaLEf3amjqutTw9PxoGWVp61H/DTVoAnXrViP7tVV+7+NW1+6KAZIi7qnVdoqBKnWgkXburM1aze8vtKh8vfB9pEkrf3VQF8/mFrRanJTQ0SKu1RzuPRm9WHB/UGp920D6VA1PjpspEyNuqbtUW3cPxqcLtUVI2TL/D9KnWq0dWF60Ei/xU9vu/jRSr1pAOXtU6ttqLa24kelSqxZFzSQEkLbpKc33qP4h/u0i9/rVATLTlqFWG7b3pq3S/bnsjnd5Qlfd93aSQPxyDQNFmnw/6ykHvuz33f09qkj+7RYodRRTloAdH92nU2Nd0n4U5l2kigAXO772FqdcY4OagXrU60AI1C9adRQBKv3TSR/eqNetTL1oARc7j8uVzUvG4YGKeq7kJpm3bSYEq07+GmR5/u5WpJMZGBjipAgZd1BG2M1Oi7mH1prrtZvrTQFWL+tStS/w/jQ3b6U2AqUslMXrUtJAV6VanpVXdVCZHG3zbab5fzVJJH81J91StBJHcR9Kbt24oZdppP4qBoWl3bVxT1Xqai3bifrQUIrbjSydqWlH3fxoAVl3KD7Ukcf7s/Wp+w+lRyfeX60AQsu001l3LmnyffNMbpQBA67aiqdl3Lmo9u1TQBHJ/q/xqNm2x/dzzUjfd+7movwxTQmIG3Y4xTmpKKbJGvjH3ctUHO/kY4qw1H8P3c0kBW7H60ztUzdemKa1MBJP4fpUTVLtX7xo3BulAENFTL978Kjf7xoAjeo/uqTUrUw/e/CgCHzPM5/Cl/hpvc/Wnfw0AyOiiigk+Do2DYx0wP5CrC1VQbeKmXrVdSCWnLUbUL1piZYj+7Usf3ahSp/4fxoEh4+7+NWR90fSqo7fSph938aC0WI6sxt95faoF/h+lSfxUFFlT5e0e2anVtwqtG21aljk+WgaLEP8ArKnb71VEbdVhKBlmP7tSpVfdtH41KJP3i/SkySf+KrMblI2bcoVeeaqRsWY/Llc03VJVt9H1CUt5UaQOWb6Ruf6VO4maEBDKGBB3c8VYrD8KWS2Hh6wjTlGj81T6hyW/rWhfaiNN+z/I0jTyiHavvT5R9C/D/rKlXrUUQKysDkYOMHtzUtK/QCwlTrVOP7tSpQBaWnpUSVJ/FQBN/FUd7qlppUQkuriOAE5G9sE4/wD10y6mFvbvIyeYuMFP73+z+PGfpVLR9FdVnmvXWXUbwbJrhVyuwkAbP9lQV/HNNRXUDbhkjljR1CsrDcGQ5BB5q0uNvAxXJaTrdvpGhwabLJuvLKJIDbbcyuQMRlV9D1zXS7p5LNF3rbXOwkEn5ImIxn2wT096mzTAnSrCVi+G9Qk1CwP2gFbuBzBOvo64HH1GD+NbSU2NE6/e+9ip4fv9c8VFH92pYf8AWVIx7VP/AArUVTw/dP1oAm/5Zinq21RWbrS3U2nvFaTJbzuUVZn525kTdtHqVzzVTS7oaf4iurA3TzqbRJkWaTfLEAWUkegKbOPrWih1I6m5u3NUyf7uaZsEbbQMbeMfy/SrELc7azb1sUhrfeT5Kk/iPOz2pu3a1Sbe9AyaP7vXNOXrUO7dCfrTofvCgaLaVNTF7VNQUItOH3fxpu0sT8uVxVjaFCbRj5aTETR/cFK3+9io922nK26pJHL165qzbqWliKgMyyKcP93llqCP7tPZTIgQM0e4481PvRkkAMPcZNNboGcz8NlkaHxKHYyTjX7xFY/w/wCpIA/HP51qabGreLPEE+MrGbSFZfRRCshH/fUjfnWf4Ms4fD+qX+jQqYbd0gvYd33pNwEUpb3BiRv+BVna5/xONW1TQC5h/tK8iS4kT74RLNGkI+pCV2RjzSaJO53b9p/hIyD6iplqpHGFC4LIAAAsn3vfPvnNWkbcvXNcr0djRD1qWKolXvT1bdQMmh/1hqWoI8fN+8w2Pu7sU63Yr94Y/HNJgSNSrTN25qnj+7SQDF61I3Slpy02BAq7mqzHD3py/wCr/Gnx/wCsH0qQH/w1Gy/LnbnmnM3z7ayPFF7qOlW0F3YRRzpA4kuYX+9JF/Ft9x1/GqiuZ2EzZRty9MVLH92q8cqXEaTxsXSYCRXbqwPTP8vwqVfu/jSejsJEjdKharDTCHYWCgdm75weKzLK6mvte1G32sttZ+TAu7vLtLsfydaRRaXrUjfd+7ml+QcJ0AGfrgUUCZF+GKT+KpW+793NQtncedo44prUSH7dz59qSNdshrM1G4v5L5bTTEUSN8015Iu5YV6AbP4yxBAHbGaoyWcnhu7ivY2ubyNvkvWZsyq2Ttl9tucY9AK2ULonqdE/3qY1Nn1Ky+y+eJ4ZIGZEVo/Vj/jk/jViVSsmGLFx97d/n0xWb0dhldulRr1q2fvfhUS/xfWgaGt937uaZ/CeMVY/hqNsquf4aLXKI4wOCfmOdoXOM57bu2Ttz9Kx4fFi3Gppbw27S2ck/wBj/tAOghefblkXPLAMGG76jtVjVrX+2Lc2XmvHayYNz5L7ZGjHVAf4Q3Q+uMVW1Kzt00eSx0xbcXGmvHKlvAykgg5RAh6EqWH4VrGFzO5ueYWYDGOBx+Az+uaJrcsowdpPTDYJ9RWLeeKtOmEEVhfxyajO6JDaq4kmyXU7do+6QB1qbQLtvtWp6ezu62+2SBpH3sUdRnJ9d++pdPUVyCNp9N1pLZrl5bWf57dnOSjDqv8AX8a05BhumO/196q+I28mG3uguGt7iNxJ/dG9Vf8AQir+0KvB3AhcN/eGAAf0qd9RogbpTFXdT5PvU1v9V+NIpDWj+YVXZf3jKFyc1PQcbDkbh3G7H0oGzkfFH9q28tv9k1D7FK7Klraxqpe5lMibs5/hVMn8TXSwx+Yc5yoACtgDIA4IxWD4iGnW949yt+8eulPLiS3ffM7dVj8v+JDk7vSujtSTBGWXa+wbhu3ANjkA+gOR+Fay2MluQNDtzUW3bVkru3H3qNo/lNZoshbpULN0FTFduajXbu5psBzLtUfSo41/ebvarHG3io26VIDGbc1PbpUa9aJ/uU0BFJTIW521Iq7hTvL+T8aYMgdduflzUf8ACeMVckj/AHYqBlC4z6UElairHy0UAfAO5mZc9cVKu7HzdaizywznBxUkVWSiWP7tL/FTF7/Wl3bWoGyzD/rKsRrwT71URt1WY/u0Ej925qmibbKPpUC9anSgaLStuqSH/WVClWFpMtDmYKrswyiKXYDqfQVzV1ZNcLY6pLLI3nXSLKkkrKAh3ALgfQ/nXSELJFIm8xsw2hlxnn9ayNSt7xtHuEnaEwhOVXeQwXP3hVw2M2aNnJJp+pW1mJXkiuQfLM7ljAy8nBPbGP1rc+Xy12gAe1ZsOmW9rdRygyOwZxGj3BZI8kk7Qeg9qdY3q30LOiMqK5QFv4sY5Ht/hS3KRqL90VJFt71D83lqEOGbjpn9Kyw13FqQt21eF26/Z5IMMR6KfWlawzoo8eYMelLcIl1BJbSbSrqc5bGARgt+GR+dMjXbx37r3HsfenzQw3ChZokkXpmQZAz7fhQJjfD7H+zYoWYSS2+YXwc7SpwB+WD+NJrDD+09IG3LJM8u36RuM/rVXSb63GqS2sdi9oXiZo2+7HPsID/J34I5/wAKs6i//FTaWc5z53OfQAD6cCtOokbqb5EZd3zfMBuxgcNjrx1rnbebVtJFmbi6N7DMyxyxSbUdCehRl6jp8v8AjW/CwbZ/erI1i4u21S2t4reO4jU+e4aYxHjgc9O9ZRV2NnRx58z5jluhx93r29P/ANdSL9772KzX1ZdJEBu4zFM8nlqu5WLMAeM9D2p9jeC8DwPE9ndqocq6jcFwPmUrxn688UnHUnmNiP7vXNOVdzVz+iC50/ULiwlllmTb5lqZgP3ikn7rjoynJI9CPWt9Nu4hduAcfKOP/r+v41LjoaJ3Q64tIriIJLEsy53BWTcCw6ZHp1rP02H+ydUubG2+ayeJbiFR87R8nzFHonHT1Jq7fJctbn7JPHbzHKiSSFpcDHPyis7w2Lu6vG1G7a2liCeUkkcTR8ISd2DxySR+FaRj7pDOh/iIwBj0GB0yMfgamUlef4c4/MGs6a+W1vLSBVJWVidvH7vAz2+tairtUcdec+vvWfLZlrYxdN3WvivVIQvy3UMF0jf7RDIf0QV0AC7cllYFQRn6Vh8/8Jbx/wBA2Xd9N61Y8Q3WlRnytQVZywZordo9+9Qw3YX+L6Ve7JWxv2+dvy4xt7VLHnbzWHod0nki3g0y50+0XOwzx+WhBJIAXtxjityH7w+nT09qi1mMk/h/GpF7VA53MyBmBI65IC++RzmqsOjWlrKkpeWeQnO+V2bP03dqY0a465O7B4O0kfqOa5nWND03yL1bSzlfVZvnt7qMtvSVQxQrK33dpySO+a6Gdpnj2W7LC/UtJEzjHbp71k6ZeagutPZXupWk8qx/aGihsjHuUEADee/Nax2IZ0K+aYkM2DIRliF2gtn5jj3bJ/GrH936VGVCswHChiAv93k8U5OWAB/3v9nkYP51z9S1sWY/u1Iu3vVGwjmjgxO2+Te53evzHmry0ykLx2qSNflY1Hu21JG26pY2ZOt3ElxeaVp6SMiXU378IWUtAqkuu4fdySmPpVKx0/U/7U1Oxg8QTQJDFDNa+ev2giNy4KyhuW2tG3zLyM1sapo41C4t7mGdrO/tMvDOAGBB4ZCp4bIxWfpmn39n4gvFW8W+mms7czNcoEwPNm+VFXhV25GDzkGuqnsYs19A1ltREkF3AtrqNs4iu7eMlkbKqVdWbkggg5PuO1bjFm+Zup7enb+lc2tu/huy1K9jlfU7uQeYJGxmXgLFGNv8IBH5VN4dvtSka8stVktJry0kj3S2G7ymV1Oz73cMrqf92spQ6lo3aF61BcxxXNvJFOQIWQK/luVf5hk4I+6c96peH7Cxs3uFtdRa5tyqfuZLhp2iKk/MWbueB+FRawzbT/dzUeoW1xcRqLe9Fg/Tc0AlH/fJ4qWPnJHRjkD0qTcY42PrwOMjPYFe4Pp7UAzFsfDlzDrkV9cajcajLHbzQgtEkYjD7ASAvY4rJhVofixcnytomtJZLePnuFjJ5/651d1Pw/FY2jan5huNYtrqC6bUc7GIWVSYx/dQruXb6g+tLrW2z8beHbkJmJ0uLJgBgJGACmPXhhzXXB6mcjpXjAVQDnbx9Pap1hPljH3c5b6Dp/Oot29I2YDAA5bJBwMZwOe3WqbeG7VpGm/0lZZHGJFvJVK8EcZ4A56VyepoXLW9jurq8gG7zLfib0w3SrqqNuDgn7rBM8+2ByeA2RWHolu1n4g1CNsy5toGEkn8eC6de5+XrV+1sbiHUpZVvGmtnAY28keTGcDofTpS0ApS+D9G1S6kvdUgiluJv3f2i4kdlhiByvlbv9UFRc/LySxqbwTNcT+FNMe5O5zCNpIAzH/yzPrymw/Nzz9Kp+LfD1xqn2drd70wMJI7yKG5CCaLYxChXBXk5B4zgCqWu3es6H4bjnuIo47qK9hGyGbCpCJAMM6qoCgYDcc+tdCjzRsRezO3iXc9OZdrYrK028uF1KfT7ma0upjbxzqIVKhVfOA6Htxwe9WG0O2e7+1Mkzys33nuXGzHHChgMVi4qJqndBqHiCHSbu3t2hluLi44jjiIHPuzsFA9+tLp2oG8mlhkie0uYThopgOe+QQSGHuPQ+lZHi6xkh1DSdYtpP3lnIY5WkBZTCw5YnJCgY6+9Xl1K3vdW0ZYHEl1ceayW8REkflMAWkbHVRhCD6k1agmrkMl8T3D29rpbpIIh/aMHm7dvIbcB1+lU9Y1B7P4g6EGZkgvLa4tWUY+aQEOp4/3Kv6lpK6hoE1jPN5xlAcSs21lkVg4bPYbsHHvWTqGoR6h4g0DzUlbU47llubZBhoo2UmSU+q7wDn3NUle7Jbsdiq7TjBDdG3eo4P8qdIy8E7sr0x7kf0DVy3iS61OLWNJS0uTZ2t0zQS3QAIhkKiQSYf5WY+W4XuCxNaFrLJY6stmJmlt5ITNbecQ0yFWT5SRwcAjp3yKj2eiY+bQh8J3DTabPbvnzLC6lszu9Eb5P/HCtdA0ybUUths8Vzuks9p4o8QLG+d/2WcR98lNpP8A47Uuu6bqGqWc0VjqC2UJiI2eRvkZ9pwEO4c881MoXki73R0EjBCpZmdSV+Vf95cGsXwapW01Lfl5DfTl93Y7zx+WKs+H5ru70u2nuZ43kljjkVo49m0FQTkZPOQaq6DELS+1y12cNc+ah/vI6A7vzz+VNaJoRtp06YrL1Oa5XXNFihlkWKUzK8aqhVm2go3PPy4c/jUl5osmqDbJq19bQnaRHYyrEzYUDBfYW7djUWoaeml/2XMJZtltdJveadpXWNwY33M3bLJ04pR1YGv5oZsg5BAIbGMg8g/kRVOaRmYqibn6A8YBPTOeMVV8Q3F9Z2kTW0ck0XmgXD2w3SlMHJjX3bGTV63V/skDSRtC7RqzRMclDjkH0OcnHvUy93VAc1D4f1G2+06jb6rMt7O5keC4hhktmcbVA4UsvHQ1vaPe/wBpaTYXP3POgjkO5i3LKGIyQO5NZniO8vUiFjZ2iyPqB+xieWdERNySFiAedwVT+YrX09p0CiSzjs4F+SOJZ90jBcbefdVU/jW9na5HUT+xbFrpJlsYDcKxMcix5Ibuc/SrnlnaPnOD0PrVXRr8appNndhdpmiViuc4OOlJe2NzeSYi1Ce0XbxHAqZJycnJUnpj8qxZSKfirU7nRtFmubMLJcgpHHvztV3kSNSQOTjecCsm90MaTp6ahFNcy6pCYpZ7h7iU+b+8QSKynhQdwGPb3rU13QDeeH7iyjkZnlUNE0jZ+dSGUtwOpBqr52oaxpqWU2i3EM8skf2maU7Io181WZkbuTj7v+NawtykGyu5YBzGI1XHOQqjHUEc8DA/CqWn6taa1FI1oXaJSMM0bJnBxkbuo461oyQpJnCgqwyBtPAx/Eo5GQRWdYeHrPQpHeAzIhXC20s8skaZJPyIeByayRaKtrNInizVImbC/ZoJB9C0qt+mKxdDkP8AwlurgljjzDJj2nZV/RRWtqM0Oi6pDfTNstbiH7NM8gO2PaS6MxHKgEnPrkVmeFJVk1vXHaCeFb10voBcbo3eMqRna3QZViPYiuqPwkM6tow1w8kgAlYnLOuT1PFY+02nji3LgiO4smCqgwCySKc/+P1oaffPc3F5ER/x7uIg2c7vkVs/+PY/CqOpRtD4l0OYjAPnRb/qofH/AI5WK6ldCbxHFu8P3Y3Fj5O457bSvFaSf6lG/vKrfoKzvFChdBvgq7TsC/XJUZ/StNMtaR+Z12jH4cf0o+yhopX3neS32dI5Jeyu4T9QpOKx4T4gXUN10dIe33gNFaGZZFGDyWYDJ/wrfuLRJYXj3yJvXbuiKgrnvk1i2Xh2OymMv26/umBxi4umZDj/AGF4/HrSTGaXlgrkA7SBgkdeB+f1qGRXRD5Z2v2yvB9s/wBKsN9c/wBKjkZhkAYyOG25xyAT+Gf1qOpS2MBoNZF26wa1ZLKV3tC1gGKKM4z+8UkZzzitKxF0tjEt7LDPcj70lupVD34BZsdfWsfQ4PtGua7qUjqrtc/ZEjIx5EUYOB+LFj+NTxX1zqniJ7WHeNPsEBnlg++1wVBWIfRSWP8AvVu482hlHc2G7fSo2+8KkUAYIIKkZGOmM8fpimN8pJ25rB6Oxohsn3qjb7w+XNPaTzOcY7Uq4/u5amhsYy7scYprDaKQqWY7hinRjbj60ySJfvfhTZP9WfrTm++31pKAIj0FT7fkDe1RSblwRUiymRgD1xQG5GWLA/3aryY3fLVortz9agk+9QFrEVFPooA/PxO34/zNSs21cbc1WzubOc8n+dSr1qyGS7t2DjFOSmU9KCSf+H8akXtUS9al7UATou6rCrtFQKv3W9qmDbiKBoni+7+NSD7v41X/AIqnj+7SZRZ/u/Si4h8+1lTdjcAKZHVhetJAPtVaOONEP7xRtRv9ocio9Js3s3uhnzY5JDKp/wB4Akfnmp1X7rbsc1M8m4EZzzVXAkjkC7VAx3pk1nBdMRNHHKQflVvvZpyrtxU60ATw4jWMbMbeMelQ6pcTiS1EJ8lZJ1ikkxkqCDggetOSnzRrPH5bruTrn5cqexGe9AGY15Jp+r6dDqE8LSBZRHdKPLLghFCsPXjr7itXWx9nEN4cf6NN5rbTn5RgN/MUumWBt5GeeeS4mI2lpMbvocVfktEvIJbeZS8Tr5ZQvsVs+/qO1DldgW9rK24NgZwPpgY/TFZ93owvZpXa8uYSyhdsDBMjPduvfpUml2stnCIDKZkjG2Npk2vtHZvU9efTFXVzxlgPpWTbjqg3Mm/8H211YLbQb45IpROshLuTJgop9z89XNP02++3W0t3d292YUIjaCAiR9yjJcn3yPwrQ/g655qRfuir521qFiUwpMyMIwWHyRsOgB4IH5VMv3jg5XPH4cVDF938amh/1lK9wGahZC+s5I2m+zq2FMoG4qp+98vvxzTI/Dli0aiaD7W4ATM6+YFA6Db24wfxq0v+t/Cpo6OfoG5VXT5oddsWWAvbQ27JGsfBRmdMkjsuFH61emv4rd1WW4jVpAGjydobjJw3t6VLH92iS2hulCyxJKM52yLkUcwWsUdNH27Wp9SCOLfyRAkjDHmkEncPUc4z7VubSrc9e9Q7FjRVjG0AYAAwB9Kkfdhd/WhsaLKVPH96q8f3RUv8X3c0kMkX7x+tSbdzVH/COMVYX+H6UwYoXbise41K30/xNPPeXUUFvDZR4WYgZ3yNv29ycRjitztS3Fnb3BjllhjkkiVirNGhP3Sep54xVxlZkNGZ4Pv5NRj1C9KNtku5Fty2QTEoCKcHp908V0KpnaWX3IXrXOeFbafTY9RtJ0xLHfTGN/8AnojHeG/NiPwrovOCRFnOeu4egCk/qQo/CocdSkPhmWbeUkjkCtt/d9vY+9WI/u1kaHbvb6RbM7b5Jv30r+rsMt+R4/CtRcbuKTQyXbup8I2yU1fvfexU6duc0gDb941XjsWXWJtQ3xtG9mkLxt1G12YN/wCPfpVuT7tSR/6ulewbmV4guJ4Y7KGO5WyFxNsnvHx8iCN5DtP8JIQfe4PSs/wvd3UdxezX6yzpfSiWC7SAIJI1O1UIXgEbSeOPmFdN5cc0LJLGksbH/VyfdYjp+VTIxEnzHLkfMe2fb8MVrGpaPKQo2ZJLGsySIyeajn/Vsq4f8D/niorXTbS3dXhtYbWRRt/dwAOPbIp7NubNSx/xfSsua7LLG7dz+tVdSt7ma1P2WUxSAhm2oGyoByGHXB/pVlW2qg25oc7yRjHNUtGG5yk13qNzLpum69cW1qrSxul1Azn7cyMsghRm+RGIUZHUiMVa8cs9rpunasJFJs7y3udy5wyg/McdsgDgcd+9dFd2MN9ZyWdzH5ltKAJF3YznoP0rP8QWKy+HLu1ji3holX7PnJCq6nA9yA35VspWkhSjobalY2KocoCQv0zgVNu3VzOh6tNZ2dpa3fzo0aG2uFXKvGVBRW/2gCB9AK6aPcFIcYb024xWUlaTHHXUdFGN/meWpbpuNS887iD9KYlT7tq4qGWMXrSyKsiujrvUjlT0pI23SfdzUnrxiknYCvpem2mmKyWcCW6O3mOqdCxwCfyAq9Ua1IlNu4C7GYDB2jOCSuRTLbTre3kkkSCCIk5Mirgk1PRUgN27sH/JoUbTRJ92nIu7FNOwEd5bwXcPlXESTQnlkkxj296LHR7XTN721vHBK4CSSbRnaT0y38P/ANerEkfyinou1RVcwjI0e1uW1vVbqSLykmZBHhgQyqG5GO2c/lW3HGQEI3Aja2R74zTV61Mq7qTkJKxX06xXS7fyIiZIVeTaW93Y4/WqEirp3iCKXcsSXkYhDN/z0Ulk/RnrWYbWFR3WnQ6onkXMSTQNyVfnBHQrjlSPXpRF6jZMylZCDgnPUdx2/TFQ6nZxahp80Eu/y2ADeX15Ix/Kks7CW1Rg97NeDtJPsLY6YyvUD1PP6VcXG0bTmlsJEaR+WoHfkHPXg45/KlZdy5pzUN/qvxpXuNmZqmmQ6hEkcryxlG81ZLd9sikcZX3+apNO0RdLWVWvb6+8z5Wkvpt5XGMZ/KrlPj+7WnPpYm1jM0HS20XR7Gxdtz28KxltuM4GP6VpbttLJ92k9PpUtjQ1m3Uq05etOlb5NtSUQS0jY2j5ctipFXaKG6UAVvn2nnZ7VUn0+C6uYJZolkmhJ8t+4J7VpxseRtytNVQucDHNNMTKGn2aWvnOu7fO5lfd/ewF/korM1l1k1zQYVZWkW7aYxr98KIpBuP+zyfyNdGynbnblajSNZGaRNsbgY3d6tSJZj+JrcnRZIowGdysaMOh+YZxWpNt42jCjj8uP6VmX9w11q1haKkzGMm5m9CBwg/ElvyrW2hchR8oOB/X8jkfhTbEiB+g+lVnq89Rr83G3NSUiitK0JkjLAkbeAV6gnvVjy/LJGMc5pr0mNmBqOhaWzTahLpNjcXEYaTzmgV2dkUkcn0png3Tk03w3aKqIkky/aJfLjCAs/zZwPYj8q1rm3E0bhvusMUW6mGFIt20KMCtOb3bCQbdzU6SPipEXb3zSy/e/CoKKDx/NTMbWq4/+7mq0n3umKAGyfeqNqnX7ppu3cuaaEyD+L8Kb6/WpGjbPFJtK9abJGUq9aD978KZD3+tSBO27aP7uahbG47fWpHqKgAooooA/PBW3Z+p/nTl61HnLk+pNPrUzRL/ABU7+KmR/dqWP7tA2Sx/dqaOoEqdetBJbipfX61DH96pFXchPvQNEysVX/ZzVpWDYxVTbtUVah+8PpSZRYWpovu/jUC96kSpAmXrU4+7+NVm7VZj+6KAJj/D9KkH3fxpq09P93NAFgfdH0qSOoV7cYqdKALCVYRttVaclAFtpPmH0qdG3LVVaelAFyP7tOXrUUf3ani+7+NAEqVOvWoY/u1NHQxosxrujJ96Eh70i9amVttSMkWpVb5ttQo26p160ATLHxS42imr978KTdtz9aANCH/VinfxVVtZuSu7FT/xdc0AWP4fxqVPuioEqwtAEsdSN94VClTL977uaAJFXdTmgWaFopFzDIGRv+BYUfzp0bfLjGKnjXah+tA0NRQkagDBwCfyp0H36azfKwqW3XaV+lBQ/dtqSORe65pn8VWIqTAd5g7DFOSSmev1pVXc1JCZY3bqfH92ogu3FSr1pskkWpo1Xy2Y1D/FU8VJDQ/cGjXFTx/dqGPbuOfWplxxiqKHUKQsmT8wxyp6MB1FPp6rujz70CZmaWq2F5d2BYLEP30McXQxnqPqpyf+BVsKSeSST7/p+mD+NVZtNSe6tbkO8VxASEaLqytwwPtgCrhQxxqp7cAdsdqqUuYSVh9IW+ZR70q/dFPT/dzUMoXbtY09l3U5e3GKlqQK6jaasxUxqVeq/NjmgCVe/wA2OaeuPm5y2KTu/OeKdH9wUAMZWZQW9KSGPbuO7FT/AMNRsu5c0mBIrbtvOeKe1EK7VFStUgRpUkn3acn+9ilk+8Oc8UBawwdvpUy0yRvl205V24oAJF3LmnBdqipo/u0Ou4fdzQBF/DTF605o/l6Y5p4XaopoBjLuYU/btpY/9Z+FPPeqAglXclJGu0VJTlXdQBVjXdIaey7SRUzR0hG3b9aAIGpki7lzV5l+bPtVaT94CfQ4oAYi7cfSmt941L5fSnqvyEUAVqRzujdBgkj7pJAPvkc5Hap/J201o6aAoWGnR2e7Y0khY7jJM7M7n1Yt37fQCrLZzzT3G2o1qrgRz/cpi9qW4+8lObrQASN90e9V5I+WqZqYfvL8ueaAIPL/AHZ+tKq7VqeRdzHjFRsNtAEUf+s/Ckk+9TmVfM3fxYojYsxzQBF3+7mq7f6w/JVm4ztH93dUXG75aAI5v9X0xUW3dVmSoaBMjaP5ajC7SanbO37uVqFlGAwGOaCSuG/eFaaq7ZPxqR23SGhlbO4UAPZd2KjkG1qesh2Nlcmo925RxigBKKZRQB+d8f3emOaevWoo12r+NSD7v41qZFhakj+7UY+6PpT0oAlj3ZP93FTrj5dvpUcedzf3cUqY28UAWF+997FS/wAI5zUEP8X0qzH91fpQNEo+6PpU0PT8aiqSOgonKqzZPUCltpvNBYNhVbbSK3O2q9j8s14PSTd+go3AuwXEck0kayr5nXaatbdqgYA9dtZGmpt1y5XOOrf729oxj/xyttW3DPTODt9MgHFFrBcf/d+lWI6rdhzt56suRUUWsJG0im3ulbONxt2Kn3BFG4GstSJUFs/mbWznI7gj+dWF5O0DcT2/EUnEB/8AFUyVmaPM9ws4dvNCXLR/QBsn8sg/jR4YupbzSleeTzphLKrSf3sSNg/lj8qVrBc20qdetQJUkjyRpujjWV8gKjuEDHI4yeKFqBZj+9T06n61j6DrB1SImeGa3maSTIkj3IMORgMnHb61t7PL427fz59+ahrldwIXuGh1WxiJzHc70C/7QAOf1Faq8Lnf87KevZsgAD35rnPEIP2W2kWd7d4rqEebG6q0au6xsQT0JDAZ9qu2ck2i30VvJL5llLtWOeRgZEfqPMI+8pA4Prn0q+W6uNDb3ULtYbzUYhCunwOU+zzRks6qwVnz0ypNaS2t9EFIvGklyQ6XHlmIDOVx3XIIwaqLZ3dus9vEsE1jOGMccp2mDd95H/2CW3fhT9KF5/Y9vBiN723Jik80527TgH8Rhh7MKu1kQaumXi3Hmqy+RcRtsliY5ZGwDgnucEHPoRV1VK43HNZVtbnTP3s9w0sk0iBs/wAJZ1RAPbLmtGFiyIxOSQM/XGD/ACrLdlos0m3c1Qz6jDZqVkEm8DcjLG5VfU5CkdquW80dxbrIr+Yjcq3qPyHvTasMWFdrH6VZh+5+NRxY2nHrT0miWRUaRVkPIVqjcGTJ98VZP3hWHrusRaDbia4YL5j7IlUEhpCCUVh0wSD+VP0a+uoo7J9TuIJkvlXDRIV8mQqWKtt/hOAB7qa05dCbm24IR3zgKMHLYGD1pml6na6tbvLY3UU9vG5iypztIAyP1/Wo7q1F9YTQl/8AXRMr7s8KyHJ578gfhWTasy+J9UF5bzxf2oEhiaYApK0KSK20HjOwJS5QOkk1K0tWQTXVvBvOz55MMxPQKPWrWScMw+fjPDFs5AwAO+3d+lcjcafoVr4k0lVi06wuBctLK6LFFMzbSqKSOf4/1rrlQzKrLtYBd/AwAeCWPqQN3PvQ42C5zel+ML7WII7i10G8lspokmt5EIjbYRkEq3J4xzXTwSeaocKUDchWxkexxWF4MmRdH+xeajS2MstqwTou122/+OFD+Nb1upVuTmiQ47lhetWYehqCHqalh/1hqGaCqu7d9amgG16jarA+WMHbmkhMcfkjeRj8ijnLYAqtp+pWOqM62l7DcPHw0cb5cH0xSXtqmrabeWkq4S5ieD/eDKVYfkwrM8UaXGsMF/ap5Wo6dJE0Mka5dVEiAof9lkY/rWkY8zsSzoQpUjL8sM/dxU6duFb3NNVgyZUbV42rjAVf4QPwxT7divU4Q9MnAB+tLZ2FHcey7sHAH0qeJdrD6Vn2fiDS7m4ktk1KCSYN5RRZckMe38q0JMqvPUcHnPShuxoR311bWcPmXU0UEWdvmTSCNVJ77iwFTWd1bXkayW13HdJ0EkUiupx7qTVG90+XUb3S7mOTbHayuZYnQNHKrxOgBzxkbqoCxtLPx5p72Vsls/2Wae/MUSxtMhkRYhKF9G3YNaRhzIhbnUjORk5p7U2NDHGAW3EADPfgAc/lWL4o1ZdH02ScXKw3KbZI48KzSKrBnAU+gUc1mo82hTZuRt+82+1ZuuMdOksr8vIIYp1injT7rRSfu2ZvZSyn8auWd9b6hGZbaZZ492NwIJz6NjoenH0qDW4VvNIv7Vj/AK23kCN3RgpIce4O2qUehLkbD7lyxYxyEPtkjGBnaQWVvx6e9c0viZbO61K/vbu2htoruSM2L7Y2hCsFVDn7xc5P41g6Kq6N4Xtdesx/pcdssmp2/wB+K7KlRIzr2fIzu+npXdNZWa3cdzJaW80sZXbcTwI8gwePmPOQufwxV8ijuJO5g+H9Q1G6s9J1C4uGktNUhAEb7AYJHjd1APYYwNvt711jN1GGAJzhlC/Xp15zzXNeE/DFlZwY+xQjUtPuZYEuGj+bcrvsI9/LerHiDWdQ02bzbVIUsbWKOaaa4iZzOu4IsYUfdJGPm/wqZRUnZFLQ6RV2oKI/u0y4O1JS/mAgcEIWBHXBz1I6D6VzWh6/52sfYhqtrqMchJkhdvJurcL03r3Hv/hWL0dirnVbttKrbjQMbcAYx/DnIH09qp301zDCxtLX7XPjiIyLGG9t5+79aQmaUeVkyv3sVnan4t0vR7oQXlz5chUSPtidvKjyQZHI4VQRwfXNM0e81e8kX+0dJt9PiCkYS+M0m7IKjCjDLgOC2f4h6Vzvh++nsPiBqtleyDfcQP5bTuRujVmaNcEnoJNg9lFbQp8xDdjuoWVmUocggEHOSQeQSe+QQc+9M1C/h0uxubycjyIYy8mV4UDofcnsKzNMjXSdai0iFI47R4Hntwsu4xBGjWRGT+7+9yD6saq+M/K/sK1FyZhaSX1qJmidQ3lhg3APTJVM+2Kn2fvWK5tDf0+9XUtPgukjkiWZA4SZdrjP94dv8MVT1TUbuzltIbKwW+luGcMZblYEiVV3Hk/eLdAPaq/h/WrnVLi5ivNOXTL2NI5hGlz5vmpIMoysvQ53ZX8e9P1jxNpum2N2J5XiaFZDBJNA8cckqrxsduvJNPk95oVxdQ8TQaX4dbWp4pVs0hSVoV2yStuIAyOh2knA9/eqdrrHiaZnJ8MRWtjuIiW4vVS6ZOxaPYUGeuCc8/StQ6ao0WDSboRyiWzFrJC+35l8oo3TnIJyDWbolqNE8SXdlFeXt4jWcMv+nXRkJcyTDcM9DtCDHoopxUU5LqB0Ue/yEMkQhYjJjBzt9uOPyoWnzMrY2qQMDknJPA5NJ/DWHUpCrS1EvWplpjGt0qNetTNUczfKo96AHN0pqLupqx9frUijbQBJ935fxpGj+WkWloAhK7c0xaneoP4qAHfw03+Gnt0pi0AM/hqGT7tW/wCGotu58+1AEW3cmaaq7ac67Wo/hpoCN6iXrU3zbeKRM96oBk3+rqGRd0dXJfufdzULLuXpikwKu3bil/hpXXa1MbpUgRvUa0rfeFK3amgGyMPLxuw1MVSo5Oamk+8P92oV+631qgEduNtVXXa1WW6VA1AmN/hpn8NSN0pi0EkTdKYtST/cpsdACUVA33jRQB+ecS7Yx+P86kWkj+4Px/nT1+993NadTIclWEqHuOMVPE38NMCSnLS7dtOT/dzQAiffFX4/u1AvbjFWI/u0mNEiVNUcdSs3akih0aqxGeuaiaQWl8SUd0kXYvlrlgw5/XIqaNdtWUqg3MlftFnfi5uIGUTAo6CLd5S9gV9c5OfetiOYTXxtwC+1A248Z/DtT6Ytuq3i3J6bfLf/AHeo/Umi4WsX413FTtx7N0PtTJbW4d3aK7KoOSlxFuCkc4B9Oalh3eUu7qBUiruoAW3R441V5vMPXITaOeeBVyPK4fG9QetV4xtqdetJuw1qUbPZY6tqEDqqK6G6Vj3BGJPy2Rn8ai0aRrFUWWPC3bGdZF6I7dV/r/wKtS40631CNVuIVkAbglc1ZjXysRCMRqowoAxxVXTWpNrMoz6tJa6hNboiSm3hW5nK/eZSxDBPcAAn2Ircj2NGvlOX3Demf4+M/wAiKyG0VJ7yS6EskcjRiB9v3dhJP8ya14Y1hVY0XCL8q+4HepdugyPT7NrNp0RlMbNvCt/DkDj/AD61eh+8OnTtUbdqsx/dFTzAV9Ssf7Q0+5gLYEiFQd2Nrfwt+Dbaq3NveX/hllki8nUPI+WPOcSqOT+LKx/GtVvvCpUo5gLIYsTI65Odzf7xOT+pNVLSOS11K7CRfupMSI3+30P6AVbh/wBZU8a/Mx254o5g5SlrLMuk3Eitn7OBcL/slGDE/wDjtX4mEm1kPmRtyCoyT74pv+sUHGMcVaRdqijmGlYqSLqjTEwT2UiZ/wBW8bxEjuAw43YrRjXaq43BccK5yV9s9+c01Kk/iobGSByjL6VUvfDelatIXvLCG6fp5rjDoO211+ZeSfarLdqsx/dFSDM3WfDVtrWgz6PdSzpFJGIzOrZkjAOVYseSA23JPrWdbtrt1o9tp+o2PlahG0Ye+inQwMI5EYyYPOf3ZP4108jfLtqSNdoFaKelieUFjmt/NMJLbRiK3jXGD1J3e/XHvVG9kl1SOzjt7SdZobmGbzpI9iw7ZAxYt3B24H0rYik2nbUkP+sNRz2Y1Eof2TEutWlxb2isjl0uJsJHKFKjLFjyfmVag8XzWLRafDqczwwzyuDeo+wRv5THDeu5gw/CtxetSt938ar2g3E4rSdDsrXUtNk8PWfkwxs7XmoyDy1uISkjPG6L80rlioXsMV26MZPmbqSc+3qOecg8c+lKvapP4qmUud3ElYfHtyf72KnWNm2s3pioV61ZhbnG3NIYN2qVvurUW3a3TFWI6TAlUbo+VyBg1y/i7R9Ok1DT3ns7lnaYytcW0EsrKqgfINjDlmZetdYlOk+9TjLldwZlWOrT2WnTy3emX1tHawPI0l2Yg/y8HK5JHOevNa0DRahajEfmW80SSFduAVIz8w/iHNMaCO6jaCVPNjlBR19iCCPxBb8qksLWOygggh/1MMaxR/7igBB+C4H4U+a7uJKxAp1VphAtrZ2mmRH+OR5RKvYIg4jIOa0lXOTuZie79fz703duzTlp8xSGzRiWGSJ13I6MuDnklT0xzwM5+tcjp2mzWtzeT2VnqlnqktywdPM8u0SJXfy0zLwy7fmCju5rs9u5M7sc1Kke1Cc5rSnU5NCTlNT+132tXWmy3msWunx2aNCdMjXfKzEbiW/h5GBn5eD710ui2txHZ24v8y3bKySpJgs6gkBHK8MxUnJHGauLGkjJIyqWC45qRW3N0AxxxSlK+o4rUo6LYzaZp6Ws0qTGJmVGToIwTsX8FwPwq+sZbcQ3OMBduTyQCB7kbvyqSnQ/6yo5imZOjeHItM8PnSZZmu48TRmSZcNIjM7Ln/dUqPwq7otnc2ej2dtc4MqwrFJKO+Pu/pirzfd/Gnf8sxSlLQm1irDpiW+rX14Gk33RRpYQcjcqkbwvrtBBPoBXPalodzr1yY3F5bD7VI9zeeczwJbLKzIFiLhHZsoMYyME56V1vp9KFXc1VGdgtci09r02g/tBoZLoMQ0lvnY3uPfsccZBq2O30p8S7aX1+tYvV3NLWQ1m6CnTR7VU7c8U5adHnzD/AHcUCEiAlU87GA6VkeIvCNn4rjhN00kcsPyrPC4VgD2JPGOtbTY2jFSw/wBKqMnF3QmY+l+G47G8N/c3U15MluLRTIECxwbstsVepYhQW9APSnax4Yi1PR9TtI28ma/k8xmDF8SDJUqD02nOa2G+6frSjt9KOZt3EomD4dh1YXME+pQW0EUNvFAPJYuZSDnzM9AM7Tj1J9asw+FbVTIrTXNzaG5e7GnzFDB5pLEswX53UOzMF6AsT3rb3LsYGnbQqrj0p80iuUybvw5p1+0BktF3wgRwuGCsuQAdrbT3ycHnmpNL0n7BcyzveXV0FiEMUcwiwqgng4AJOSea0v4aWFdzUuZvcLDf++v+BdvpRt3VOV25FRL/AK38KjqNDfLGfvYamxqVzk55qenx/e+7mhjZW/iolqZvv9MUr0kSV/T6Uq7u1OXrUjdKoCLnvRRS/wANADHqNalWl27qAGLTv4aco2t+FMbvQBFJ92kb7o+bHFFI1ADV+uaG3bfu5XNI3apv4R9KaAj442jFRyU4/e/CoO5+tUAjf6r8ajk/1dTUx/m425pMCs3ak/hqXy/L4xjvTJPmAG7HNSBVk++PpSyf6v8AGpFh2yHnNRuu1qAGbvlxtzTY4/mPGKkVvm20irtY0DRGV2k1HN/q6lf7xpjdKaGyBulMVdyE1Ky7lzUW3bVEMjaPmmsNoqVl3VFMmBmgkjoqVZvlFFAH52RtuVfx/nUm75sbsUQ/dH1P86m27mrTqZrYQLtI5zUq9aTy/mFTJH/tYpjY5V3U9BtpyrtHXNSR/doJFWpY/u0R1Mq7pPwpMB1t96pv4vu5qNV2tip0qTRB3HGKnj+7QVDID/FuqVVKnDUDHRLuX8alSOhKmXrQA5I6nC7cU1f93NOj/wBZ0xxQDHn7y/Lnmpl+8eMc1EvWrCUMkevWp1qPbuZfrT3jwc+9SBNEu6pwu3FMjbcoqVKBomj+630qSP7opi09KBk69aljX95u9qij/wBZ+FSr1oAsRtuB+tSJUcf3akSgCbbxmrAbcoqBetTL/u5oAetPRd1MVd3bFTQjaPxoAcqhZB/exUi53c07bupUDLJx0oAcvWpe1NVSzc9amC7cUASr90VPD3qKJfn3U/duYfLnmgaJV+8frUn8VM/iPGKmSkyhyruqRBtqSKmt9+pAnj+630py/wAP0psbfLipEXbQA/ncvpmpmxzj1qNl+XdUiNuWgCcfdH0pV602D79S7dzUASx/dqRP97FRhduKnj3buKaAJOo5zxSxruWmrnzjmpV71QCxrtz8ueKsL9xeMVCPu/jVkfdH0oAlH3R9KelRJU8f3qAJf4ajX734Uev1pfL3Ju96TARfvP8ASp9u6JTTVXdirMald393FSBAy7QPlzViPp0xxUQx/DTlpMBYf9YflzzUy/ePGKZD8rk+1Sxy+YQPapAZ6/Wnw/6ynIu0miH+L60AObrTl/1bU2Hq3y55qbncPk+XFACfwr9KVaWNA2cJ3pWjH9z5qBodH92pFXdTYVZc7hipF7/WgoYw206H/WU5ulNSmA9utJJjy/u5bNOam/xUgCJm6EYpyrtz9abJ96nQtztoAGoWnKu1j9aWT71AmM/iok++PpTl3buKe2eM0CRAy7mHy5pZI+OmKlX734U1vvGgbK6rtNS07jP3sNUa553HPNNEi/xfdzTJvvDjHFWIPv0TLuOaoDPk+9UUnarrR/L+NOWP5h9KAKu3cgPtTYV2yVZK7SaP4aBohbvVaT71Wv4vwpB1f6UDZWVd1Iw21NHUX9760EjGqN22jFPprUAU5m3UL90VZZd207sc1HIu1iM5oAhP3vwqEfxfWpZfvfhSLQBBSMu5c1K33vwqFf4vrTQEZXbmmI3zBdueakn+5SQ/dqgIZF2yNxjmopPvVO0e75v9rFRN94/WkwI6KfRUgfnjG25T9amj+7Tf4yfU/wD1v6VKq7mrfqc45P8AdzUnccYpFVlY/wB3FTLj5dvpTGhKkjpafH94UmUSpU1C/e/CnxLuz9akaFhXc1WFXbke9Jt20+P7tAx8f3D9akh6fjTY/u1Kv3fxoAnRd1Tqu0j5c01fuil27h+NAEv4Yp6f7uafHH8gpcbWoBkiLu7Yp7R/MPpSwx7m3VL/ABUMSERdtTL1pyVL2qRjV+993NTou7tinhdyj6VJGmFzt3UALt2p+NSJ90U1W3dsVLGu7+HNJgOh/wBZU8a7jQq7RjGKVetJATqu0Uq9aI/u1PF938aoBYf9ZUq9aEqRl3YoAetL2qRF2qKWgB6/w/SpGboKhXrU8P8ArKAJNu3H0qZajXrUit+82+1AEkf3ani+7+NRRrtJ+bFTr065oGgbtU69vlzxTEqwi7qTKHJ24xVhaj27aVSdrKi5ZupXqAAfm/DP61OvQAuL6CwgaSedbaP+KRsj6DI559Kr6RrtprFxJChaKZY9zW88bI23JwV3dR7/AFqlo9l/aFxcanfus10t1KltGo3LbKrlcKv98kEk+jCrmsabcTT2t1YtbxXluzII5QzRSxMBvRsdBnaQPXNaKzMzTVkYJg5449hVqHPlnPrWLoOiNpVzfXFxci9uLho5HupAQdyggquf4QSQPpW2v3R9APyGKhqzLQ+FdzVYij2sx9qgSpl60IYu7coqyv8AD9KrveQ2zKsk8EMjnCefIo3eyg96nfIPzDDdwcf0qgHyLuakxtX8aEXcv3sUuNrDnNF7ASJ90VIPu/jWdq08trbW0sZbcb61h2/LhlkuI4n6+gkFazFWkYoyupOQy45HbpV2urgSr/qz82OKYv3RzmnL8zAMH2DJbZ1xgj9CVrnPhzHt8GaTIxRpriETyyL/ABu/zMT75OPwpct48wHTR/dqRKSNd0n4VKq7WxUMCRactMkZI45ZZn2wxruOen1qtperWWsQGaxuUuolYozJ0VgASv5EfnUgXP4j8ueKnj+4OMU1etS/w/exQA1l3UmNoqWEhfmJ3BWyR6+grldSkfVfGFrp1vqV1Zww216HNjP5Un2pTbFFz3wsxIXvk1cY8zsJux1q/cFItZWi63crcy6XqpjbUYx50N5AuyO9h6+Yv911H3o/bd/FWqf9WOMDqMDAweQcds1nKPKyua6F7VOPuj6VFudVDIcMM4HGDlSDnPGOazvDF1Ndf208szPGuoTxx+ZsxEiAZC7f4ev61XJpcEbCybc7jhAMnPSoLHVdP1aSSO1u4bsxH96kf309KXTdQtdUsY7i1lM0bZCumcHB96q+ItEbVEimhma2v4Oba4V9jK2GOwn+6+3H4GhRCUtDXXPGeTjr603+I/Niq2k339raTZX/AJaoJ4g/l9VV+jDPfkGln1rTba6jtLjU7KO8kGVgaZFducYUHnPFQ42Y07otsvQ5zQrbqd5bxNhjtHUqTk/jT2x2OaQyJqRetPalMhWM8bkGSw/LFNX6Bewj0yH/AFlYMeuXOveJ9Q0rTZxaWukx4u7wpvY3D7fLjQeqjJPs4rQ0HUXvobmKbb9otJ3tpQowMjBHHbKsp/GtfZu1zPmuzTpP4qpX73EdnctbYabafLRuhcAlVwGUtnHTOOOlYkU1/ptxoKy30l4dQYtdQy26KbdfJZi8flqGARmCsHyMMOfSVFvYZ1Tbe9C4zxWHrOtzaPrGjW5hjSDUJ3gkmbduSQDIHHH3iRx6Va8RXk2n6HeXEC+XPEhVCyFlVzkc59RvxVezfUOY1WqN13DNZfh6W7C6rY6jdNePYXzwfaPK8tmjKJIjMPQb9uf9msy+1rXdQ15rLQIbMQRxKbjUNTjbyxIzMAqFZF3cAfLjv701SuJyOh27Wp0i7o/xrKs18QW14I7ttLvrbORNarNbtF2J8pmbzMkHvxWu33j0HPQNux+NQ48ok7hEu2OkZtq4pV+9+FNPf60ihFbcp+tRs21cUtNagBqtupaKX+GgBj1DUrdKj/hoAa1NbpTv4ahagBKZJ96n0N8y4oAhb7v3c1DJ06Y5qVo/LOPxqOZuNtADG7fSkb/VfjTtu3FL/DQBEy7o/wAahmXbGKsqvU1Ef3mT74oArfw1EG2yLU7rtqFpNq7duavoAydtztVdulTfhimvSYFain0VIH597QsjY6ZNTx/dpq9/rUiVqYIctPSlXrUy9aChv8VTJRUsP3vu5oYD0qamKu5umKmC7cUkNBH92pEpy05etNjJEbnbU4+VgvrzUKruai6vBZw/6t5GJACocE54xn8KS1AupHVhI6w2vr61uxczxr9kZcMkOZHhOQEJxzyc8Vs2OpQ39xIIkljOTueSJo1zk5Uhu/fPvTtYGy7Gu1KRetSKrKMMMe3pTtp2k7sLQyRUqWoodrRsQ29Qcuv06H9actwkksgEmXVsN7HAOPyIqRomSpx938aZGDJyTmpWXbimtRk4+6PpSr1qpqlrcXWj3cdpJ5V2yBYpP9rOQn/AsY/CptHvv7S0y2uiMSTJukX0fow/MU7AXEXdVhF2n8Kh3BIXcll28525H/66rWusQXNxFbNb3EU1wSY2uI9qSheWCv6gEHHvUAaMK7pDU3l9abGD5gJJORnJHPtn14qSpAdGNtWFplt96p6AFjXctSxjatQq3zbasRrtb72KaAfGu5adjbTo/rnmpqoCKNdzVb27cCqrXkENwkEkyxzy/wCqVv4vUVH4i16Hw7aC5aKS5d2Cx2lqm+WVgCcIPYBifrRvsDL61LGu5ay49WA0uC9hhaSORFdFbCsysMqDlgAQDirOk6wdQmurWW0ms7u3UM6yFHVSysQQVJwfkPFNRfUSkaMY21Lt3NXO3X9vavM0um3enWtlHcvGvnQvPI6ocFiNwxzn8q6LT47qLcl28MkgPDQoUUggHoScc5ptWKTuSiPkVOi7aa3WnJUMonWnrGW5ByQdwT1x1H4/0pqf7ual27u2KhgZiyalNf3C28kNtaqw2SeUzyzdyy5+RQAWXPU7celWNBvJ7g6lb3ZjkubK5NuZokKLIuxXRtv8PyuowOOM96feXY09Q7W9xOrZ/wCPeMyEFefmUc4xuqp4TkhvrS7ut2JryVp3jkhZdqnYqYDf7CLWq+Ez6m6u7aN1EtxDZxrNPOlsm7b5kjqg+mTWfa6xFe309m9tc2UoWRkkuI9omiDBHeN/RS67h6OKs6jpq3yN/o9tPcxhjH9og80KcgsCO4BJANKwy/HIs3zo29W5DDBB9wR1qSTtkK2QTtPO7A6EehJX8qz9H0ttLtzBmBRuZittF5aDJJ4FaoUKgwN/HWpY0c1qOhwWPhXU7i9C3+oC3mklvJlSWRGKkBY2PKqHONvrn1rp9PSSOztklH71YkV2YYZmCgMT77s1z3i3T7jV7jR9PS6uLeG6u4w0Nqq5kVFklfeT/CNiYHrmuht4r23eZLu9N/K7FlaSERspLN8rY6gEHn3rW14k9S4o6nsOW+g6UyCeKeS5tg6mSE7ZI+/zc5rN0rUX1fTJOTbzC5uLQmLGP3czxZGeP4Kh0e3mtfEF+n9pTSg29vMVeOInl5V6jn+Gly6FKRZ8XWk154Z1WG23tO9u7QR4UsXVcoFB7llGPxrLtfEWqz6JaeKppkOn3Y+1yacsMaeTDJJ8rRt1yqMhPuTXXrH5LROVcqm1mPt/+otWD4W0GXT/AAvBpN6OYTcWqKy5/cCZlXPtjy8Vop2jYm2tzpciIlvlm2nKuBxIo4z7/eSsPwFZtY+E7K3JjLWzTW8gTgK8c0iMufXKn86m8OLMui6fHdxSLJHbpHL5ow2VCpz+O2pNBmEeo6zpcwwIZTdxf7kvzH/yJ5lZp7oZPHrdshl8yG8hKkDc9o+Tk4GCFII5/nVWxZ4vHGqxbVU3FjbTnAxnZJNG5PA5w0db5B3Et99uW/LH9Kzbuyb+3dPvlH7tIpoZz/0zO18/g0a/nT5+gGt5Ymtys6B0cjfnbjkAtnPoelZd9HAfE2l3UUiNdXAmt7qTcAZo44mkHnY7qVTH1FakKiNSMFGYljtXJUnqfxOT+NYGp+FXk11dVs47d5Fg8kxiV4CctneCONxzj8KmDTdmBuXV1FpiB55DAQVUyE5/eO8aD82dvzq2rPHCyrGpl2/6skjafqOcf41h6tavdabai6iMEYuYZJIml8wqEmDcn6qtbZjMeQ339xDf7wOD+oNYuK6FIrWLaxI7JdxWHlH7slvcytIBg4BQjHXHOe9YH2e5TXtWhs0VNRN7Hq1pufDXCmFIJog2Tgllbiuyh+8PpVXVNJstWVY722ScKcqzyFNh9VKsDmtY1FHcUldGP4nmMOhx36fJcW88MsKzDDCRiIyg9TtlYZ/2a6SWFWWWNWkMcpKK8bAMEO5e/G4A4/AVlWnhmysbqKVftFy2elzdTzhfcK79f0rXXcGG3OMdSefx5OKUrdBqOhm6DoI0mxSwivLq7gQkRPdlSYxtC4bb24f86g8IiOObXNOuRsnXUbi4ly3HlzMXjk9l2sBn61tx55z61Uv9BsdYZXu7OG4K8AyL19j6j296uM7aMGjA8K6tBpug6hd3DLDb6eEiaOJtzRJDCE3A9w2zP4muw+VoyoBUqxAz1xtZR+mKztZ0WHVNBvtKx9mW4tXhXC7Uj4ODjsoJ/U0mr69/Y9ihlRYtSnBNraW65MkvTK/gwJ+tDtOVyRnhNtvh+MNuJE9wvGflAmdcjHOeKrXjaxcLdWdzpun6npVwRHsMzqzKT8xkDKegxitPS7Mabo9taBVR4lw4UYG/JLfqTVqOP5h8ueKUpcrKjuJZxxwKkUSqiRqECoQQAOAOAO2KnP3j82Kb5fzdMUsi7SPpWL1dzQz7pdTaZDZ3thb2/wDy0F1avMxb+HGJFA/Kr8auLZBOPPlwd3lrtVyQQVA3NjILd6fBHubdtz2qX+M8Yqugtzz7wDJLoPirxvaai0gu7zVn1GJgm7zI5VAiB/ugAYz7V0Hh3y2k1i8ty01tNeblEY+ZtkUaEg9xlSM+xrWu9HsNWcfbLWGeSP7jyKpZFP3guf7wwD9Ku20aR7ViUJEBhVUAKoHAC47DH866HVjKNupko2YxceTkAx5AGGOHOecZ/nXOXmjn7Rd6zaX8x1AIxxK+6Aqqk+SP9kgPj3JrqZow0b7jhWBQ+pyp6DuR6Vxq6b4ih0ttJjW0it2Tyl1f7YzSRRnGZPIA++FZlAzxvzWUe5TIvGMovtF0LVoSIre2ubS9Zn6xxM8Yz+AIFb+qX9p51xbN57yROpdLWB5DH82VPHBBXcSPepJtBtv7HbSTGVtTbm0KeYSRFsKj5yTk7SuR65qvNpd99pv47O4C22oMpe4c7ZoF2lG8sfxZUIKtS1VyeUpeC7mLU7XUdUglWe31C/lnQRjA2ApGmF/h4j6euaoaXrE2m6prQls55oG1LbPd70IhLBRGCh5xkHn3rqNJ0Cz0nb9kj8mIRrG8W4IgZRgPtPRiAP0rN1bwjLeWuowx6l5KX7qbkNbxSFzlcAY5zhBVqUbu5NjZlj8uRuACTk7Tx+HpUb5+X+7mrjKWQEtg9OevpyOx9qbMu2MDOa5ua70NFsRnGDtqFqsou6PNQyx8UDIv4qV13DNLIu1RR/DQBBt20v8ADT/4aZ/DQNEM3+rpI/uU5l3UmNtA2N/hqNulSt0qFqCRn8NRHO5fTNT0yT71ADZFDZIqvJH8tW4+9RFd24+9AEW3atRN0qVl2mo3oAjj/wBZ+FNm+9T4/vVHJ1NAEDdKiqyvzIRULw7f4sUAMbpVaSp/L285zTHbdTQFSipqKoD4A/iPOeT/ADNTL/wL/gNE3+ub5scn+dSR/d65qjBbDoe/3v8AgVSL3+tNSrA+7+NBQsKhoz8uWzU1spVjkYo/u/Sp0oY0J/FUq0bdzVLGu2QfSpGIv+r+7nmpCu6MHGKfHVhaaAijXbj5sVTZpT4kjTzFa3Fo7mPvuDDn+Vasf3aytSkTT9asb6YlLUxS28j/AMIYgOm78UOK0jq7AytYySN4sdQ8xeGRk8rttADZ/wDHjXULNFBJHHJLCkzfNHE0ihpATyMH0rl9JmiXxJd3cyPGmoIkFs033ZCo+cN/tOMbf+udT6r5FxNqQjZPtcKrOCPvxNGwKn8QfzJp8upJ1PAZtpymflIx/Sl8pXAJbB6DHXgg/wBKrX0K6lagJD53mfvFTz2h255Lbl9yabo1jLaeYJImhwM7vtctwDj2f5R9aytZjTuR6GrRXGrwyu+ftbSnzOu1wMfrmnaW7J4r1VPM374beUR+j7pFLfko/Ko74toutC8MZNhcxiC48nc5Dglojgcc7nGR6VFDDc2t+mtlZPLu8xXMS73aOEkeWwXsRtyfY1r0J6nUqpZg4b5CBz61Tv8AWrTTfL8yYGSR9mxWUMuf4jn+H/A1FeXEsWqadIm1rW8MkbZJIWRjlCM9AQGOPUmp7rSlubqwubXylkhnEvnbcl0wQw/75IrO1mM1Y2SeISRTrJuONyEEcc9vcLWFaNeR69f6OtwtqjIdRWURh3YEgOAOuA+4/wDAq6CFVWFAh+UDAGMYxx/Ssy+Qw+JtGutuY2E1rJ9GUOP/AEVVQt1At6LqEmoLNDffub+2do7iOPIU8/Kyg9ARj8c1R1vXNOuksoxqFrHeRahbyhRMqtlXw2Qf9kmr1xZN/wAJFbzLHmM2rxS/7IBBB/Wm6wt22rWUltZSXLxq4jbzhGnmP8g3Hr90mnFJsRtQbWZWTHllV2EEHK4AU8f7OKZffamhkFrJDFJgfPcISi+/DAt9KxnlvF1bQzcGKLzPtEbx2shKbzFvi5PU7UauimRpo2ETtECxAbAY4BwOSpHQCsuW0ikRaat7GCt7LbzORkSW0TRqR/usTg9a0Y1CuNvpVCzsbm3kLPevcrj7rwrn81ArQCqqjac55PtUsZHd3VpZxl7m5htgPmzNKEDY7c8cUumapp+sRSpYX9pfeXkGazlWfYxUnJC9D2/CrEdTqPm461a21GjmNEa98SQzyNevYT258gLA/VwoI3DsCSldVpcz3FrbvKFFxsxMqrgCQEh//HgT+NYBsU8O6pdXTW8kltc8vJbRNI6YBJLoPvIABj0JNavh2OdbC6lng+zT3FzNMsWSWCM5Klie5HP4itJWtoT1KGozW+m+Llubs7ori0SOONYjJI0kcwICJ/Ex8zjbyMVrTT2l1af2hb3P2mKGN38yBycqqEOCG5yDwSecgjtUOs6S2sQ2hRlhurOTzoZpMkIx4J45GABz71Y0mxv40v3u5bdZbycyKkXKL8qrkl+TuCuGPTDCknG1yd2UPCeoS3ei6RbS2y2s8tlbvbMXMkcv7rOCwYEEDHy/T1qzosF5a67dPLNBMtxarKDHBJGdwbaCCSc7d3X3qWy8Pxafem4S6uZY1Xbb28+3y7ZGPKrjnIXao9lFaclik11az+bJGYSV/c5ztPBVs9sAH8aHJdCkrHM6tFpvhtdQ1S3Nxay28zXcatNJ5Em4bpEUdMN/PNdu3GQVVCGYbV6Dk4H4DA/CqpLFV3bc9ML0Azx+mKtR/cFRJ6FIlb7i05fuimfw/jUkX3x9KzKJI6sLUMf+sqZe9AFTWLWa+0m8t7cgTzQvEm47V3MpADH35xTNPbWrmbzJoLfS7EYzbqzTzSZGfmYsEQZJPr+laI+7+NT/ADYGPSr5tLGe7MXWLXVZfEVhPZpBHGltJbyXkr7wu+SJnCISd7bYVwRwDmt+EESNlc8DHzFuMYHJ+nPvmo0Ut1qzFH81JspKwsfb5KsL06YqLbtbFSrUlFbUtFstctTDqFot3BGRLGvmFGWQfdIYfd+tP0rw3pekNM9nYxW88oAaRXLyuCD8pkbk/NjpxVkfd/GrI+6PpTU+gblLS9KOmfbEEm+Ka6luUXaV8vzGMjLz1+dnOfer8a7c/LnihKsr9002wsEf3Bxil2/MGoipfX61IEqtuFV5LFWvorxMLMimGT+7JCxBZX9gQpHuTUyVLRewD5GZmy2c5Jye+SSf1zTovu/jTUqVvu/jSbAT+Kpkph/1Z+lLB9xakaJpGG3H8VSxxnb81NVdzVKF24oKG42tTmp7f7uajb7w4xQBJG21aerbqYvWn/xUAO/hpIm+fbS/8th9KUK25mC54oAJI9pzU6tuxTFYttyMcVMv3m+lACt0pn8P41JL/qVqNelADh2+lP8A4qgb7w+XNTR/d6YoAc33hSSffH0paVetAAq7mqXbtprdqkb7o+lAmMbpTFqSP7tDfeFBIkedzf3cUgxxintTGXdTQD2Yfd3YakVSp5OabHH+8/CpNu3IpjQ/buqOaPiloqShu3biopfvfhU38X4VG3emhMrzf6umL0qamTf6uqJGN0qP+Gn7vl21C0fNA0KveoD94/LnmpcbaN3agohbp0xSRVOy7RUS/e/CgBrfeNRzR7huqbbuz9aRl2r93NAmQMvyg+nFQ+ZVpe/GKgZd24+9BJFK+5MUxY+Kdt2tSzf6ugBFUr/DlagkUMpwMc1Mn3abJQNFfbtWonXchqZulRUDZXVdqn61G1WJ/uVAfvCgkbRUtFAH59yR/O/+8T+ZzU23aopqsjY2DAwP5CrUX3fxq1uYLYcv3RTl+993NJUsX3fxqmWh6duMVOq7qjh/1lWIf9ZUjEA2r+NWE/1i/Smc7l9M1YXHOPWgAXvUkP8ArKEqZfvfdzQAq96UDc2Nqn/epW7cYqdf4fpTWgMabSOaNo5I1lBw3k9jzwazde8NHVZTLHKguenT92SQAWDfwtgAe+BWx/FViKqUrEkdqhjiCZ3BQFDbNhOABkr2q1F938ajX7x+tSr1qHq7jQ9etSr1oj+7S/xUDY/+KpF61UuL63tZoY5Zo0lmby0VupzV/bsZlPUHBoEhy9asR1XXrViOgpEjfeFSL1pNu6lWP5qQ2OaziuniMkXmvG4kj/2SoOT/AOPVaWMRkKG3qAAD+ApkC7Wqde9SSPWpErO1LVGsVjjhjNzdyNiC2UhdzdyzdcD0otLy+tdSNtqItW8yLzoprUlTlWAdOeuARz71py6XC5rr1qRvu/jUDXUaytHnM+GkxnOArAAfrVbUNWGjNG1zE32TzCj3Ef3oTnAJ9j/jStcDWj+7Uqf7uajVQyqQwYYzuXo3vU0Y20m+gD2XcucYqVF2qKbS/wANJAPXrUlQx1ajpsa1COpC3zFfan7d1OQbakq1hNu2NamjXdilaPcu6pofuigBVXaKcvWnMu5hUyLtWgCPtVlY92G9sVE6/KT7VYtmVox60mA5vu1ND90VWXduO71pL68XTbCe7k/1Sbd21wrE5wqjPHzMyj8KS1dhN23NCT/V/jSx/dribzxP4gj8X6foosrPTXv4pnAu3LEmOMu2XT5VIKSdef0rr9F1X+1IbkPbNZ3NtO0E8BO4IwAZdrfxAoyHPvW8qTgrsSknsWtu4fjVlI/lFRpVhKxZaGNH8tPj+XK+2adMu4ZoVWXuyo2ASv45oW42OS4gjkFuzI07JuEYbDgZPzfTg/lS3EkVvEHklEccQMjyPLtVBgkuzewDcVyvhuN9X8XeI9Zn3RpbsNKt1/6YBI3dj7FmA/Cr/i6Q3Eek6U0avHqd5iWLssMZ82VR7Eqla8lnYk27WaO6t4J4ZVmgmjWSKSPlWRgChB7gqQfxqxnb834U+JjhIsphThD8w2nIXkjsDtH4VW03V4NZ+1vAkqLa3Ulq7SxlA8i43sueq7iefY1nJdRosp/PmrMfzKw3Yqtu3S/jVyP/AHsVBQLDtUc5qRBtqRenXNDdqAHrS0vYfSlWgAWkaLzOarXWrWljMsU1wscrIXKsCQIx1d+ygdj65q4u2RQyNuUgEHIOQRkHI65GDn3pqIDVh28U9RtU1FdahaaXCHvLiO2QkqjSzLGCx6bSe470tjdW97FHNayw3luw+S4gYMj44JBHXnP5VXKBIlWF+6aztS1aLS3t/PAWKaZY2b+GNiG2F/YnIHuDWhbyb9owQNo6/T/Gk0Asf3qcnU/WniNcnLYNYusXV3BqGkWlj5TNd3JEryI7+XGi5Y4HHOf0ojHmdgN1ulMWlOWVWZWUkA4PHYYwOwxirB/1IpPR2ArbTuztytSbg3QYqVfu1DcSGG1lkCs5UbtqKWYgdQFDAsemPTmhaiZJH92nrWH/AGNquq2ZfUNWm0uUndt0ZAm0EHGXcMznaTkA4zn3qbR9SZrG7e+uAXtLyW2e6nPklo1bEbNwOSuB+Fbezsrk8xsfw0RruzUe4sTxgdgORj2PepY6y6hcYq7c/Wnqu6pWpsn+r/GmBEw2sKmVdyE1BJKtvG0h3ZA4CjLH2VRyT+lY7a1rt4f9E0i10q3i+Z73XJ1+6CCSsMW1gTgdX/D1qNPmC9jc+5xSM25V+tZ/h+/n1Dw9p93drCJ5IleXykKocgFcA89COpP1qex1SO8uJYZozb3EXzSQv98qeA4/2c5H4Gk48ocw03arqH2YjZJIu6OT1OeV/wA+tWmO47s8Ht6Vk+KbMSaXJMF8+e0/0mIesifOo/EBh+FalnIt5axXCfclRWX6YAx+GMfhTcfduNMXbuNRqu3P1q1jaaiVd2761kNlef7lRqu4VcePioCu3NNEkEw2x1Fu7VbWPcpby2b/AGlqvIXV2aMGRtu3YzYBJ6flzVAN2sqj+7moWxuO31p8csNxCzwSxSwD5RIpzyOo/PNG5WjGxw4x1FAETLupMbaWSQRxMxONvOc4CjuSfSm2s0N4oe0kSWM8B4nMgYeijoKA2BulR/N2XNZ0/ijRLe8a2m1nT4blTjyZ72MP/u7eob/EVqwosqCQLnI+X593H1oC5E2dvKUxfpipVzubIxUDfxfWgBzdKipFbbS7t1JgRS/e/CmN0qSZeFb3pkjbqSArvUa96kao5PvVQEP9761Ht3VO3Sq8n3qAF8uimUUAfAq44xjoPu/QVOlNt13Rp/ur/IVaSOq6ma2BKmpFj/eD6VIq7WxTGOi+7+NTR/dpEXdT2j+YfSgCSOp9u6okXbUvagByjbU0X3fxoTb/AMCxViNWbG6gBiUXV9b2EQknfy1Y7OEyWz2qwq7ZB9Ko61iGG2u3BEdrcLK8g25VcEN17cjNVHVgwtPEEV0zPFp988GfJLRxBgD/ALvX8a07O7hvFLQOHVW2HqCpA6EHoay7e+hW41FbaBbtEkj/AOPdQYmJTg8dsAfjmr+k6fNay3NxcSLJcXBDsqjCxDYo2j6Yz+NU1oJF/wDiqeP7tV7O+gvI3EE6TiNtjFOisMHH6j86sKu01mMd2qwsfmYG7HFRr1qeMDLFuFOFJ9M9DSYHLX1qL7xhaxM+Y7aBbqX/AHElDbfxZV/KusWJgQGbcw6t79x+ByPwrK1CxWxYX9tHtulmM0i/89wQFf8ARVrXsn8yJW/1YIyB7dv8+1XLYmJR1SadbzTrS3k8qS4m3GT5flRAXfr6gCtdVCqm0YBUYHHYY7fSsW+jX/hKNFkL/MouI1+rKv8A8TW4u75dxy2AT+IzRJXRQrdvmxU69uc1lajoMWsX9tLcss1vb8i0kVTG7nJDvnsoDYp/hlUXSAI4lii+0XJjVQANhnkKnj2IpctkBsR/6z8Kf5e5t34U2H5Q0ny/uwX59lNR6PeHUNNtbnaCsqBuPy/pUsGU9QurLTtWW6urjbN9nKRRCN5MDd8zEJyowR83tV++0/8AtF7a6trkfaImLxNtyjK3DLnrggDr6VFqWp6ZpFzFLdTQ2Jm2xtPMFVGwcqrue338D1Jo8ItE2ixGNkeFpZXRsg5VpGZcEdRtIrWz5eZElrT9Oa3lnvZpTcXUg27tuFVc8KvsK01txIjK6RsSMGOQblOemV/PBqjHdXMOs29u0UZW48wRSRyYfekbvtI/ulVb9a0xEitiMDZ2K9CO2PoMD8Kh3WrAx9Gb+xNSn0rMj2robi08w84BAeP2wTnH+1XSBQc85OSCfoSB+mK5zxbvsbG31OM7JNPuI7jd/eXOxk/EMK6fySGOAoReFz9OB+HT8KqUbq40Io20q9aoXEepNMGjuLWCIcHzrVps+nRhir8Pm+RF5+DPt+cqpUE57Ak44xUcoyTbuaphGdv3sLVOa8t7GMy3FxFbov8AFNMsar7kntWLbaxdXnjprXTb+GTT/wCzI7lpIo/NTzTOQCCnJBVSCe2M1UYczsNHXLGNowc1JGNtUNN1Rr5GiuYVtZVUeYkbBoyh4Qq38QwByec5HasXxfrUsOm+IIzILcRaVJcR3D/dBAZWX/x1KlweyK5jrWUsw5UAHgnjDYJBJ9MBqzNK8S2etXF1b28ksL2vlvIskTRgxsCUdWHVTjH/AAE1S1u6eHwPc3CkpP8A2f5jgpuwTF84A9Pvn8a0dN0ex0WWcWsCxM3lpNIH3FtkYjiL+igAED1JquRJamd7sZeeMLDT7y/hnjvCbLZ9pkhspHii3KGIZ+g4dTn3pmseLF0V2C27XaQwJdXE8bpGkULvtR9z8PnkY68Vm3pfwnca3m0a9h1MvegRBGAEcCRypIp5wcRkH3qjrthHpui2UltJ5llcx6fpd2zPhYUjlA8wjsVYsv0AreFKNrk+0s7HoK4kbcDkf5/D8qnRdtVrWZbiFJUIKSZdcHIwSSD+Oc/jV2OuNpp2NVqrisvy7qhurC31jTbi1uhm3kGxsAk9QQcFSOGVatsu5c1Iq7cUteg9zivGWn39nN4f1CXVb2W7/teK3uLyMxQ+VDMHifDIBg7mAz14rr9K0y08M2Dwws0MKFppppJGdiQB5kjv1bIUflS6to6a9pN1YSHYswXbJ/dcMGVvwIP51l+NL+e3kSCae2WFrK4uJjOpzNJG0W2NWHIL7mrq5vaKzMmuV3NfR/EdpriH7LJIJAsc4yjR+ZFIz7JFLdVJRhn/AGTRJqWox6lCq2MM9g0oCSQzkumUyXYdMZJ/Ks3w3dDVJtSvLmM2usTjEtiyuWghQOYYjnlgNxO4cfN7VqWXhOxsb+SeH7RC7yM5j+3TGDcSSd0ZYLj0rJ2WiNE7o1fT5g/yj5hjB4HTFIZUjUs8gi8sq4kkdUjDbgBuJ+pp8isrEFPl/wB4H+ROKo3mg6Zq00E17plnevE37s3UKvsYc7hnrgbsD3qI/EDMTwt4q0e98UavY2V7HdoyR3mYY2aJgI1ilAZePlKIfX5q0bjMnj2zGGb7Po91P83+06RnHtlCfxpPD/i19ZvpLGWyltFEKXFoJGBElt5joAQPun5CdvoR60W7P/wsCcE5kXRUKn6XEp/kRXQI6aNPMugp/dosp3tux8uSP5laxPAPmnwXpEs4xLcxNeNznJmdpifzkNbir/pA2YVfmAdfvDJwD9ASfzrL8H28d14LsLa5t4g8EP2KSB1yoMRMWD7kIG/4FWEbcruVIbrl95epaLZpK8clxcPI/ltg+VHEzt+oWtpVZZDvXDk85OSTnBJ/GsI+Hrax1DRJbOx8mCC8kW4t7aP+GWF03n2U7a6CSzWS6t5cyFos4ZTtUsw5OPrmiVugo7mf4nsdMvtNA1aS4itlbKyW80kRQ/3sp3HDD/dNJ4T1p9Z0t/8ATYL6W1la2kuoCXWdlCFZBjruVwTnnJNXb6xlv9Lmt1vJ9PkkQq1zayDzFHQ4J4GfWqnhPw7J4WsEsTqUl7Y22DAs0SrMjcsS0i/e4J5qo8vL5h1NKzv4L63E8OXhLOE8weWBtYqThmHdTzVeHWLz7UynQ7541bIuPMt/LOAeT+83Y/CovCuiyeHtBtdOkdXa3MiBlH8PmNsz6nbtrYjXplco7AH8jj+dZ+7co5HwxHIvizxnc3Ev2lBcwQSQyHcfLEG8j/dAZiPcmtvw7LJY+HI4Jo5Z5LCebTwkcWJSkMrRxn6hFT8AKxtZ0fWbDXrrUtJBaK8to1uUAR1EkYdF3qeVDBgA3qD6V1OkwS29uIpJWeb5nkZjklnYuefbdj8K1lJW0M47kt9cW8Mf2y4mit1jUgXjtsADbQxB/h+UMM9+nasjwhD5dnfXqxNBbaneyX9vCf4YZApTA7Agbv8AgWe9XvEWiPrWhz2InMJlxmVo/MUIGBZCm4bg4ABHtTNF0aXT3uSbhXimYeTaWsCw28CcnEaEnBppxcPMOpcurOHVraayuIzLb3P7qVexQ9T/ALw4ZfdTWX4f1z7Hot+L+XbPpDyWlxLI2HZVQMkj/wC8hU/jU3hNZH0xvNSVblry4WWObG6MieUgceuEpnhlPtmseJJSxa3a+SFGVgDuihVZDk8D5gRn2oirx1Hc1NJ1mLW4ZrqzHmQRSyQJIhyjFCVBH05rP0rdfeLtZnVl8uyENjBIv/LTCeYzfnIR+FU/COg6czX9xNYwpqH26bzZIVVXlYTZBYr/AKwbStXNBRbfXPEFr8pLXEF0wHG5XgRQwHblCMe1HKlsF7m5PdW2lWMtxPM0dusYaRxGX2qCMtgc8Z/WqcniSJ9Nvp4VuIZ44ZblYLq3aEsigsCgbr/Ac+/tWpartIyzMcD73bgDFM1O1+32FzZs7Il1E8Hy/wC0pU/mSlZx3LYzRYWj0m0WQ5lWGMSMerPsG4n3zn8qZrGk/wBrRxW8lzcQWm7My2s5heT+4pZWBxnNQaHjUtJ066KywyCFA0e7AVlG1h+YP51oalHFPp939oDSRvGwlEch3NGVIKjPGTnqORj6ULcRlabaHR9ah0y2nupbW6tmcJNPJLJbMsiKNkkhJw5cjA449zSXXheG6uJJJry5fT5pVuHsFZViZwq8Mw+dgCOnTOfeua8I+Jra3eLzvEkerS3UUTR2m5r2e2RiSqM46gZ/i5H0xXU69cTi60+wtnIkuZyzzltvlwrguAOwYlB+FbT912RC2NmNdoIHTsMAYGOmP8ea57x7fS2ek2UUD7HvNQgtWCuys6sWJUEdM46+1bl3YjU+Y7+8tDn/AF1pOq5PcMWjbjOR17Vi+LLG6h8NzSpczXtzp9xDfoJQgDeVIrc7FUEYD4OM5zWcUua4FjQZLq01LUtKu5NzWrxvay5LNNC4ONzH7xRg/Na6dix2vx+PAGfxrI03ULTXNaSW2LM4sk+/Hlog5yEJ/wBoAVqTafC95FdyxyC4hWXygv3RvYZFOpHlKRnS6i9v4jgtGZpBPA8yoFTgxvHnk8/MHx+FJZawmq69q2jCApHZxxbXL7vMDqQysvpgMB7qaiu4TD4y0ZvLBjkguok9C4aNgD9cfpVTw6IP+Ew8ROpkknaK12s/SSNdy7l9gwdf+AmtIx0uZsuaeLvSVisFtftFpF8sF6J49vlfwKwLBgwGBxxgCn65braXFnrauqS2rCOXdnbJCzoGVsk/KDtI9yau2d9Fc3V1FG25rd/Kk9m2hsfkwqLxJCs3h/UYCFcPbSblP+6SD+YrG/vF9DQ3jMZzvzyR/f4+ZfxBb8qxvCbLa215pTP5n2C4eGN/WM4kT8lcD8K0rNjNZ2xkYKzRqGYdsqSBWRpcRXxtq7K6qzW9rNIp7tl1z+SiqWnMhG7H/rB9Kp6xrlloMBub+9gsYhwJJ5VUe/BrQ2qpAyFb/Z+lZGpafcy3X2u1t9OubtR5ateSvEyKfvYdI5Dg+m38ayilJ2Zp0LVtf29/ax3FpcJdWso3RSRuGBH1Hvml2iVSNzDJGcZ4AIy3HPGf1qKxku5bdTfQw29z0aOCfzVXHA+bYp6eoqYgj5txTJA3/wBzHO78wuaHZMDiNNsP+EstL3Wxe3DTPcSLaL9olRLRYyyAKp4LMQxJ9CK6LTNQTUNKtL4DyjND5u1R/E2GP/sx/GsBrbVfCeu6wLLTrnUNOvmFzbW2n2xk8m7YgOhbpHGxO7d6s1aWjxnQ9D0e3u4G+0P5cLpbxmYLIykkM0fOARjd7Y7Vs2ktDJHO+IL82ngnxjbzTkz6es6ySSdWjkTdG30KyAfhUuuXH9n+D7C2aZbMSJDbu27ASPA3/mMVu634V0/xNAFv7aO6leJoUId2VcqT86qwLhW2sAehBrBuLPUYbPRpr+2nkm0uZS/kyrOLiPySjylYyWyW2sFPIzW0eWSsTrcsahHo+qeGY1tdQhttPhMbRTmTEaeXIrBXPoTt496g8C6vaaheawIFt7a7Em9rS1R1QbY443dccEFlbmrEOky6sGubhZNPJv1u1t7uBd3yfuyJIzxlmKkA8jbnuKh0OZboafG0dyZbOe4ub57i3kRAzrIWUSD5SWZlbjswqnbkaQ9R15psun+E7zQ4vJc3jyW1skf3SX3Pvf3Ub66W3iFvCkQcyCNdgZupA6E/hiuauvDdp4i+IE1vf6bb38kemDb5se9v9YwkIbsVI6+1aHhmYyWEsQaSWO3meGOaQ5Mig8HPfrj8KwmvcQ47mhL91vrUTLuXNW26VF3rmRoVNu2k/iqwv8X1pJvuL8ueaoCNulV5V3c1Oep4xUE33h9KAK5Xbmoiu7b8ueasSL+73e9RM25aAI5F2k8YqrJ96ra1FIoaZf71AFeipZI5N5ooA+DIR+8+oB/QVYjXlm9qhEYjYgeuasR03uJEm7cq/SnLF5nNPjXc2akhXbn5c80gY2NPL4qdetSxrubOMU+OPg/Lu5poSGqu5qnRdtNjj/edNvFSqu1m+Vjx/DVDY9etTpUDfdXgj61Pt+VTQSSMu7FTrCWU4bY2Plbt7hvY01W3YqZaaBlMxiHUbcogVWiddkP3UGRwPxyfxqh4z1gaFo7CJpFurhjb2yqxDbmbgjHOetbq9a5T4gahZ6TJpV9cpLLcQSsbZEIKeYR1dTxjjg1vS96aRlPRFT4YAqkEsN7LPLJHJLPD5jNtkWcKpZG758zn6V3sceETB2jbtDKeSO304xXl/gvWYp769eDRtTubjeJ0msRFJtVjuMcmGBAZi2BXp+l3h1KETNZ3Ni2SDDdReXIp9xk/TPtTrx5Ztjpu6Kmm6XLY6hNIHijhk6wD7rH+8fft+AraUfLtUEMOMe3t7UyNdoP1p6rubNcjNDN1DR1uLiCQafp927NseS9jU7VwSRk/Xj3zVnRZhcW7J9ne1kgbyngfHyEKCAMdsFfzqW6uk061aZg7HJRVjTcWYjgYrN0S31uFZJJLS1tjcTGV1uJXLE4AxwpA4UcVrbmiBoa7a7bNLxC8c1nIJvMj+9s6MPyIrVX2bevG1j1xgYzSsFaP5/Q7kJyPcDgfL2P+8Kz9LkbSZv7OfzAqf8ekjfcZTzs/4CSV+iik/eQMNbuLy1sXezlijdhsCyQtKzuxCrtA9AXzWjptvLZWZguXt1+zEqstspVGUBucHpwv6Ul1pUeoRmNzLECwfEMpR1x3XFVrTwrZWvzeZdzSDci3FxNLPIAwYNweM/MM0XVrMSLsK22vafBKIY7mCUCWOOYKYyDgksD6Y4qHRdFs7CaXZbKjB3MVwsITehYtgsPcn9KuaRZPpuk2dnIUd7eMRFoxhWxwCB24xV1I93zfhWbuMZeRTtZTLbyrFcuhRM7hjPUZHrVDS7LVre4xOlhZW+BiO3EkknQDltwA+lbIj3Hd+FSmPcA34ValpYDI1SPUhqdpcadbRy+QkgBmmMaiVgArNsJZuA3y9K27FZWt4/OMRkCgEwqVTpxgHn86kT7op24opfONnOW6D1ND97QGZvjCWO38Maj5g3+bF5Sr7sy81r2sb2tnDCxGEVVBbBAO0cY6/jWUkL65fQSPBu0+3czwq/3pJF4Dt/sLu4981uhh8wH45656H9RT5rKwlqZcnhywvJWmuI5LqXPWa5kKp7r2B9q0rO3SALGpYx54LvuP50vl/d+lWEXatTzFKJXuNHsLi4E72cM90g2xyvErMgJBPJ9wtZ2uaVLbatbavZQi5uLYNFdW4CRGeB23SFW/vo/IHfNb0f3akX7pqoz5XcbiYmky3uqazFcizubKzjiljVrhEjllkeRCCIuwUgnPclqv3ug2mrwxwX9tHe+SpeJriNJNjFRuYDsQTn/gVXoV3NU6x/NS59bk8pnWWnz3ugpZ6inlStE1u/lspfADKrjshGEJ9mrm/Dum6lbyaJA2jG3uLUst/qErxSJPH5bhwmOXLtt+nl13iLtqRl3U/aN7BymfrVg2oafPZg+XLIy7WY7mWVW3rz3DEHP5dqhtdG+16Dc2OpmG6+1iVrhrdAEcyFidoPHBZRn1Faix/vPwqaOPk/Wjnkg5TO0LQxokD24vLq9LSvKz3UiuVZmJKrt6KCTx9a2beNl3EUJHVlF2rWOrdzS1kSW7FiM+lSN1qNafH977uaYiWD79OmiWTG9FlVTv2t/DjuPeoo+p4xzUv8VABuy3GMdj39efepV60q0fxUASo3O2qura5DoskSPayXUjQyzhURG+VGj3YB5Jw3T2q2lJdadaaoqx3drFdopBEcsSvyehBP3SMdaqNr6iZkeE59P8QXd1r+nXIurGSKK0guMbWkWMMxLL/CQ0rLj/AGRT/EVsbWfTtZVnEdgskN0qf8tLeQIp/wC+GRSf96tJdEtF1I38Q+zXLjZKIZWWOfHAMqLw23+917dq0XZo9pCqJEzu2rkFscbvQGqlU1uhJWEjj851kV0eJ/maWEZVg38SD65pEsYLeaaRI4opJsGWRU2tJt6bh603TbG2022SCzto7SBWJEMYwqk8nH4k1oL1NYsohLFm+ZGR/wCJW9amSmR/eepv4V+lIaHr978Kb/y0NKq7qdGNsn4UFCRqWYH+HdVplC521D/FT/4vwoAZ/FUq9aSFVaQ5qVQEYkLmgB0f3qX5ec+tRNN5nGzvVmOMrtOMLQJlHURf/Z8aWLcXLOoaW4YgRrz8+F+ZiCRgdOafpmmLo+nw2alnMQbe7qFZ5CxLsR2yxbrzjFWywaRsetOkXcua059LEiJ/u5rL1KyubXWINXs7YXpWP7PdWQfbJJFkkMnuhJJHfNa6Ltx9KY336FKw0LZXYuoBKI5I1Y8CRPLJHTIT+H6fU96sq26mRU5fvH61Dd3coljXctOxtoX7pptIBWqCWGN5opWSMyx8RyOuWjLcEr7nFTrSPu7LmqQBBIMfLnGf4hg/jU5bPOSvGcqMnj2/Gq0W/wBMVZjznn0p7CZFDbxW6ssMccYZtzeWm3JPc+9FSN940lHxaE7kF1p9pqVv5N7awX0LMP3E8KyjODzg1mX3hezuJNPlhT7DLap5SPbAR4iO0vGSOgYhOK2GoX734Uc3KFinpuntY3Gousm8XNw07LjiNiACvvgjrUerx3MljLHaRRSPMDE3mNjapVsv+H9a0VXdn609I6ad9RMq29r9lj8mMs4QlIsnO0jdgj2JyfxrL0lWm1/VruPcU/0e2iZe7IGZj+b1oa5f/Z1Wytv3mpXCnyI17EEfvH/2V5x75qXTdPTS7NLdH80KWJk7uxJLE/jmtL2RJIMbRjPTv+dDLuXNSNUcn3qwa1uaLYruu1qbU7N8uNuahZdp6YpFCUx6k/h+7moW69MU0AymPUjUKpGG/hziqAqMu6o2G1hViaJPmw2CTmmBSo5OaaYmUNU0LS9fjij1bTbLUYYW3It1CshG7hsA+wFW4II7W3SGJEijjG1Y41CqoHQADpxipaY9Nu4kRyf6v8aRe1C9akbpUMojl+9+FQSVPTXXjdSQmU9u6mSDa1WN26mSfeqiSu3Som6VbbpULfd+7mgaKjUlSvHu+bGO1Qt938aChaKcv3RRQB8EQf6qP/dH8qtQ/wCsqO1j/wBHh5z8i/yqfy/3g+lN7mY+Nf3jNtzxU8bbgOMVHEu3I96sou6kMVetTL1qOSPpUm3bj6U0A/b8wapQ24ikSpV/1v4VQmJt3NUyR0Qr8+6plbc1BI5V2inxx7m3U5aetACQL85PpxU/lxyjL8c8/Lw2OcH1HPSo1qWH+L6U07Aytp+i2WlyTNaW0VoJGLTeWu0c9MDtWgOAAVZSODu7+9KvRfpT2pt3Ehqt2pVXaakjqRvvD5c1IxEXdVlVZY2xTE/3KsxruXpikxoIlbarFsDFTNiTBBzjimKNtSIu6pKH7doH0pyUoXbiploAI/8AWfhUq96RKmXrQJiLu7LmpIc/NkY4p605etBJKv8AqlpJYY5tgdEk9Fk6U5akSgaHxqUXB4HYdgPapYfvt8ueKWKj+Kmih4XcRxin7drCnR/dp1NgHarSf6sVDHU1SA1etTR/6z8KibtVmP7ooAWP/WVJRt3NUoj+UfWgAjqakaPp9KRY/moAlib59tWI12g/WoFXawq4vakxoRakX7ppWpG+ZcUkMRc5X0zVjjnHrVeOHb+dWUXb/DmqJJIW5209V25+tOj+70xS/wAVJjQJU6ruaiJR125arG5mX5hipGxgUKR8uWqXnuMVB/FUyUEir1qxH92iP7tOoGg27qkjG1aatPWgoVv9V+NEX+sH0p8a7lp2wLubblsYoAbJJtXbUkWOP72KYYm2DcMZ5pbeP5jQA+PPmHK5p3/LbpjipI4/3lSbduRQBEvWpaXhtw25bFPjjMagEY70AIi7qey7WH0oXrU60ARt/qvxpm3dVik8sSNtzgnjuBntkjnA54poCBRtb72Kn/5Y9c81k2/ifT9R1L7LDJOCWPlSyQSRJOqD5zG7/KxU9R15q9JfW1hGZby5jtYC2FmlYRRjP3ck+voOM0+XlAsr2p0n3qMMpIYkn3wT+Y60m3c1ICSL7v3c80rf7lLGvzYpVh2saQCK2O2Kdu3LUjR/LVeRflxQJir1pZPvU5Idq0rDav3sU0SQNSrT1+uaXbuqgGL978Kikt0ud6OWGRztd1J+hTkH3qwsfzU0rtJG3NAFTTtLs9LD/ZLaK1aT7zqcyuf9pjyx9zzVwcKB0x1HpSR/6zpjinN1pMCOT71Izfu9vvUy0k3+rqRohVdoqKX734VP/DUdBRF/DTKmao5v9XQA2o5PvU9elJt3PndjigCGb/V1BJ90VLOu1sZzTmXcoPtTQFbuPpTmXdSsu1fxqRF3KKbAr42uo25pki7txxjmrbDbTHqQKrLtx9Kik+9VhulRN0oAhZttRSNuapfL3Nu9qb6/WgTIWoXt8ueakeo1XofemhIqzf6xuMc1AvWrDSbpnHtUW3bVFDqKZRQB8IW//HvB/uL/ACq3Eu6q2nf8g204x+6T+QrRX7opvczFVdop0f8ArPwpFXc1TrHxSGNVvmxtzU23b2xSRx/NUkK7SaAET/dzVhF3dsU2Lv8ALnmrcf3emKaEwRdq1Ii7qSP/AFn4VIvWq3JH7dtCruapU+b5ccngDBOc9sDmq+n6hb6hJMbeTf5LmKRdjLscAZX5vYj86LAWPLqSKOjy9zbvwqdaAHKu0Uq9adSr1oGh61IlR+ZtbbU60mUL/FUq9aF61OlTuAiZz93K1ZXHYYrO1Saexa0u418yEXMUdxH/ANMmcIz/APAS6H8a1VBVcM29u7ep7miyW4A1SRfd/Gs3VNUm06WySG2+1yXMjRLH53lDIjd8k+nyVV0rVNWuG1FZ7a3eW1kWP7HGH38n5dsgYBsnI2/7PvWqpuSuRza2N9etTpUFnNHdx7493B2sHGGVh1BGTgg8fhVrbtYVm9HYaBl3MPlzUqx8fcpYf9ZUu3d+dIoYi7f4KmXtxin7doH0p8dAWsKlPZdzChvvCo5dY0+ynS3uL+1tLmT51SWZFd1HYA84zmmkBZx5aF8+WF5aQ9MelSRukkaujI6sMgp0prOBGyDa+eBGTncDyf51SvNTTTXsrW1tS/nyN5ao+xY1SN3fcfTiq5X0C9jSXrUy1BITErEtGvlqzmZSQEVe+4ckYFZei+MrPWxE8Md0kc2fs9zPBLHFcEHBCOeDjFHJITkbq/e+7mp4fv8ATHFcfrmtXen65cLJfS2tlbWsbxQwWqStcyO7qxOefkCgn2NdaypcWpDOkqFAS8a7VYcZIHbt+tJwa3EpFletSfxVkeFLhpPD8RkOJLdpbaT38p2Qfooo8N6w/iGxuLloPIWK5aFR/eUKpz+p/Kn7Oy5irm1Thnb93K5psfQ/WpF61mxonTZxxip1xjiq/wDD+NTR/dqSiVaeqlg393FEPepF7/WqQFDUb5NNhhVI2uLq7b7PbWy9ZJT0Of4Qo3En3p2iaodVjuyYVgubK6NnPGkm9A6qrDa3cbWQ/XNWP7Ptmv1v5EAmSIwLN/FGrMrEL/vbMH6VU8FwmTw7bakNvmaqTqMxj+6Wlwwx/wABKj8K05fduRzamy2dvPrT1+6Koanr1no+DdTtCGDPuETsFCldzMRwoG4c+9aqbcDayup5DIcqw7EHvkYOfeoLCBtuRtzSq26bOMVU1LXrHSpI4rqdw0hGIooZJWwQ3O1FP939Km0nVrPWITLas7RqQp8yKSMg7Q2MSAH+IdOKTjpcRO1VNX1b+z2tYY7S41C6uC2y1tQpkdFGXIU9cfKcVpQ48w4pJYY2uILggi4gLeUyfe+ZcOv0IA/KnG19SGM0nVrTXLCC+spVmt5hndxvDAkOHUfdYMG4+lX6xtLuDD4q1q2CAQiO0vC47yuHjOfosaj8K1ROFhaRW8yJPm2hCxOO3HNE4uLsiuhJWZq11PZ3ulSpK0dn9rSK6x3WQGNf/HmFZknimBvFmn2yTzRqttJcPCLeXdv3oI12njHL81P41me20W3TE1uXv9PVnhbZJCFuI3DjIIyAo4IrSMHezIk7I6qOMrGpOUI4bPdh94/99ZrG8SX9zazafsvbXTrCR2S6vZ4XlaNvlMQUBgFz+85pk017od0s11qU17pss0aHz4kjuLbe6orl0ChkLOu4FSfn6+nQR77dmlx5RCYEkQxhiuHUDAwM5H4Ucqg7jTclZHn/AIfuBoGla3fi9a4g0W+ns7qOPBglhRFYOoYlVcBgQ/U5I7V6IYvJZk+XhiBtBGRngkeuMZxxnNchY+FtH1LWPECXemQ3Lx6iJFjLSLhTBbnY4T/WAsoYL2Kk961da1zUrGe/eKzS+isLZrueabdG1wTvLBHHAICMeeSCB2FXUXNblFGTWjNtaetZXiSxk1jS1ht7SK/h3qzwXdzNawyw4+X/AFXOQu3BPGRmqHgiO9sbi7tNQXVEZVR4Le8uY71UTLgmK5X5m+UAbG5AHuKxlBRVy07nTpU1NXBjUjByAcgEA8ccHpxUMyvJBLGjbCy4DbFPPYgkEZHocD3qUUT7iG+UfN90Z6HPasi68b6bbQxyW/nalPJd/YBZ6fD5krzBdxjUeuME+1Ns7fVo/wBxqV3Z6jjnz4raSFz7OPMdW4z8y7R/sjBJ5jRLqHTdUmtZ3kjP/CTXiTsDgR/aoTLbHP8ACpxj3wRW9OmpbmTdjv8ATtQg1SwhuraTzIZFyCy7WB/iVh2IOR+FOmZkQsjfOuCFzjnIxz+dYekkW/irxHBGskFvN9nuzGRiNLh0kSXC9sqiH8av2cmoXk0631iLaKKU7MXXmtOgJyw/uADH1xWcotMvmujn7ix1CH+x5rWytp9N0i2a5WM3bi4kdomVvLwpCkBmI9ckVpagsev6zoFunlz2N3a3d6iy7RHIwiURZBAwQJ2/EE96QtrltbtawpbyqfMB1KWdQqoQSHMR7hSwx+PenX0eh6fa2Gm6taQDT7JIYra51NY2jLIDGhJ6xsRuI+oreLV7syOdk8XXlh4S8EvBMqrq0cZ86QAskexQAFHXcZFH0UV2Wk6tO00thqiQQ6ikQl/d/cljyfMdB/CUbAYejj1rgPEVn9j0bRdXjEt1beFNfmMywv5jram43M/+0FHln2BrvtYjVrvQ7mGVA32hfKYP8s6OmWwe4xz9SR2rSpFNaCiLqWuy2dxY2Vpb+beXbO2JCRHCiqC7HHLBWdePSrekzXc+nwPfPD9qwRIYNwQsCQSA3TJGcVnXivJ4w0mIHbv0+8WPacg4a33Ee+3b+VbaxjcRlienzfe6d/wxXLKNoo0i9SVfvdc8Uq9/rSeXTlG2sTQd/DUL09qZJ92gCNG21KWDMvrmj+Go1600JksjFWOaRW3EUjUlNiQ2P/XNSv8AeqWKkfv9akobH92mS/e/CpfT6UjLuXNAFZqSp1joI2t+FAEDdKgepT94/WkbpQBWX733sU9u3OaVulMWgAk/1f41Ht3VLRQBD5dG3arfNjip/wCGo+9NAVT25zxSN0pzfeNC02BXbpTP4amufu1EvSpAipk3+rqaX7n3sVH/AA9c00JkDdKrvVh6jXv8uaoSKbfeFObpRNs3DIw2ac+d1BRBRU1FAHwfof8AyBdP/wCveP8A9AFX1XdWd4XXf4d0p/71rGf/AB0Vr+Xt525qXuT0GIu3+HNTL24xTVbcemKsR0IQ6PvSRruY/Wptu6nxLtf7uatCYiLt/hzU69uMU6PoeMc09etUSEa7pPwqeNQpI/izTP4qmSgGO2s5UfxBgUx16HNYNjjS5PE7KJcCQzozfw/uU5/8dro1bbgn/Vg4b8en8qydQ02+E169rHHOl5b+WweVk8mT5lDnHYqxH4U47kFvw5dPe6Dp9xI5keaFZCzd9wz/AFrWRd0f3c81heH7hIdNt9NuWFtcWMaW7phl3KgwrKepGFGPfNV/C09o2s39pZ3KySeVG8izbo5ZJGeRi7Bup2lRn0A9Kfs7yZSOhuri3tniWaaO3ZzgB5MM3so9asJF++6ELkAhuuCDjP45qlqGkG8aPYyLGqqCpt1kLDHQ57Zz+taEUYht9qRKEVcBWxtzhiFAHTIDcUbDOQvLxz8M5ruRiHWGWQ7fvfJKen5c13DQGOZ48BlRtmV+7xxxXG38KW2gaj4dkuWW4nmkt7cMCWnjllLIyDoyruw3oADW+8l5No8U8qvb3bPGZIcgjCypuII6gjB/HFXKOlxIuajcXNpDvs7cSuBwrPtG7IK8/wDATUXhvWY9Q02zDiSOdrdGdZE2/MVBOPUZzzWlJCmQqggfeXd6YyP51Fo9ubPT4Ldv4c/qxP8AWsropFbxg0lr4V1SQfM/2ZkQk4wzAhSP7xGTkelT6Pqk9xshvzbm4dPPhmg4S5U/M+0diM9Kt6hYm8sbiLZ5m6Ntq7sfNtOKz7HSbo6HpKvtXUYUUZJz25X8Vz+VO8XEV7M0dWsft1jsV2geNlkjuF++jggrn65wfpWLDHer4kvIHY6ebqyEfmQsMOyzMxZAVI53fnmurUY9MdmXuv8AD+S4H4VBPpqTalaXpdw1uGXy1+5JuGMP7DtThUaVg5b6mdHYp4Za91G4u7y9e4ZUfz1UH5n2DO0Du9bOoToqMHuorKSQkB5HCbTk5OWUjoBVPxFZtcaTcRRp5k3ytGv+0jBx/wCgVqSQpd+UZovNQkt5ZVSAR16++anfUSfQpaL5kkjS/wBpLqls33WeONiMcZDRgDHHfn9K2dwbGOR6+tQ29vHbRbI4kiXOdqAAc/SnpSZSH7ui/l16/hzVax/tlb51uI7FrInJaGSUSY7ZBUirq1PD0/Gkr9CtzG8YvPZ6bBdQoJVtrqK4uMfe2KTx0HU7fyp/he1t7nw5a3IWO8N7brLO23PnMVBZD75GP+A1uSKksMkbjIYY9Rjvkeh9a5638FrYzPLpmp3mm28vzfZ0kSQJjrs38JWykrWZny2Zp6LNIZL+3Zw8dvNsiIGMIUV8fgWI/Cqeoahb6Lr0V5fSeRZx6bcuZMEn/W24wAOcksla8Olxw2f2XMjI3DSLJtkdm/iZhwT06elVNY8NwaxYpAW2SoRHGxj835TwysvVgTsPy8jZSUo3Gyv4wmF54P8AEcMDtFOlhMxV0ZZEYI7FTu/vBX/KporeKPwHbLG6LDDYR+W+7AjKoBGf94f4Vp6XY3G972+kWW8uVQPHFlkwAxI+f5jkuW5/vYqpY+F4dPHlJIz2SkOLWNAqgL0JA7g5p8yirCUTRVLO+vnLLbtfwExOyhWkhLHJBJ/v9areD5ftHhnSncKx8rbkAAYBIw2Ppird9ocN+3m+dNaTsf8Aj7tZmjdhgjDEfw4bFW9P06HTrO3tYE8uKGNUC7i3Qep61nKStoPlMtvC65uolvLiPTrgmWWzwipM3AYbzztI28exqfwqxm0c3TMHN1d3U+5TkYNxJgA98AAfhWwIyrhguT/TvTLOwTTrSK3iGIo8hfxJP9aftLx5SoqzLLfdWptu7b9KRW3YqdV3VkzQZtVWGasQY3cVAw2sKng+/UgTHvSR/do/iqSjTqG5VvrO21C2e3uo/Nhk4deM9QQRnjIIrK0Xw5PpElqIry2dLSGODA06KORlVQoJkHJPGPwrpIYvMbNPkh5xWik7WRny6mPe6xBY6ojNp95NLbI0iTRwBlUMrBhjq2RuxVbwdf20dqtkDKjJLdvDZMgE1tEJAyCSNvu8Pn8a6qK3aNCB6ZqNrGJrhJ2t4DOF2CfYglIJPyhzzjrx7mtOZJWY+Uq6hDqbz/6DdQWsTLtaQwiRiQT935wo4xwRVyzhnt4AlxdveSD/AJaSRojfQhOPz55qwvIzjH+zjpjj8aetZybaGkR7vmUe9U9e0+G/sZIZrGLUAR8sMr7c5IyAf4ScDn2rQVd0n4U7y/m+7moQS1RyWh/2zoMlxLNYXGoCafMv2i9Ryqg4Ajc8kAKox7Gt3wiJ/wCw/MuoZI7qW8vJZUkGGUtcykA+vylea10XbxjFWY/u1r7S6sQkUDpscWvJqu5/MNt9leI/c2+asgP1yppmvaH/AG9o89g8r27yhAs0fVdpBx9DitJqmhXcp+tSpFbmR4i0qTVtC1K1EbCaa2kCYbH7zHy59+a1I5pJNrurF+DKpOcFhnP55qZhtFNi+Z8USd0FrBbwwwzTXPlYmm2iVs53Bd2Dt+hbmuT1e11W4W+tbY6kxvJbiLUJJSrRm2Z2CyIW+4+0qo28nNdko8lsfjU6Nuq4VOUT1IIdklurRRNDFyEjkQIyKCQFK9QQBg55yDUkS7VP1qeT7tDf6kVlKXMy0rIRfumo/wCKpI13NmmtH/OpGPXrWP4k8G6b4njlN4LmGR4fIa4tJ2ibytwYhgPvANtI9MmtsR9PpUnl1UZOOqEzM0jw/DoyOIpJ52kbzZJrqUySSPgAszH73QD8Kv7tzfdzjip4xtzSR9T9aTlzbiSsIq7iOMU5sJIAx2qR1IyPyp7U3buahMbCG3ihJMUcaA5YhYlALY44bhs9D9KybLwfpOj3TXVlYrbSZzGFllZIQ/8ArDHH0XJ7DjOa2wu3FOer5n0Elc5fxhod3r1jGlifI1COQLDI0mwCNvkdHJ4+dSBg+lGg6D/Z+qtc2OjQ+HrMW5E1vbujLcS5BVtqcDaC3zHn8q6Rf93NOX733KqNR2sybWY9gNzFRtViSq5zgZ4578YP403+KnMu7HGKVBtrJrqMZJ96o5Pu1aeoqQEa/dFO/hpQv7xWpszbpDQAyilVdzfdzT2XbxjFA0NWj+Kj+Klb7woKH01qdTWoAb/FSTLuWhl5VvelRt0xoArtH0+lJjatWn7/AC5qtN/DxjmgCJl3LmoZF2xn61bPeom6UAQp92kenUN0oAhj+9Q27Bx609V3U5RtzQBSkznmnt/D9KmH8X1pnegCnN94fSo6nk7/AFpske6MNQBC1NbpT2+793NRfhigBq/e/Cq83+sqyy7lzUax7WzQBSl+9+FN2/KWq437zJ/Cq7rtoArediipKKAPhHwid3hXRjv3/wChw8/8AFayruasbwV/yKOif9ecX/oAroYf9ZTfxMQ2Ndsg+lSr1pr/AHqfEu6kDJVXdUsY2rTAu3FWI/u1otiRq1LHTdu5qsQLtaqEPWj+KnL/AK38KlXvQSIlTRx7pN1LB9+pdu5qA3EVl3csEwQeejYIOPqMcVQ0nw/aaXp0VkqtcJGVbN197eEVdx9/lA+gFau3bn6Um3cq00xpWJMAIMfiR0/CpU+6KTbtUVP/AHfpUMobt3RH5sc06GP5uual/h/Gnr90UmARrtyPepdu5qSH/WVYj6H61ADQu3FSUbd1KsfzUAJ2qyv8P0pgj5FTpHQAbdzVMkdIvyyBfbNSDbGwBbHOaaAft20R/wCs/Cldgx4Oeal/u/SqAF71IlG3dUkXy/LQNEiVLTfLpyDbQUPRd1TBduKEXfjDYOarf2lZtetZR3SfbFHnGESIHKjvg84zn8qQmXyv7tmpsbblX6Uqk8Z9OP50Ku5j9akkk/iqzF938ajjjqyi7aBofD3ob79Sbdy5oiXaTQUKi7qsKu0VHb/6w1MVbaSKAI5Pu1JH0FRbizc1ZhXd+dAD2j3R7veljXdTmXbSj7v40ATxLtpfX606Nd2D7VJHBuB+tAD1ZfkU0m0KzY9aNnltinMu7J9qAHxf7ual7jjFMz5aIPapd24D6UADU3+KnLuYkfw4qZYxGoA+tAEe3cPxq1HH0+bFMWnpQBOsfI5zUyrtFMjqegCGRdzVGw24qw1NZd2KAFC7lH0qSKOk27QPpUsPQ0AP27aX+GooV/eFqm3bs0ANj+7S7dzUtOWgCRF209qjSptu6gBI/vU1l3SU7dsbFOZt1ADWXbTo/u0m7bT423ZoEw3dqRl2imqu5j9ae0fzD6UEjY13Kxp8a7WHy54pWXaKYn+9imgH/wDLbpjin06Pr1zxTW71QDWprUqLu/ixTpF2kc54pMCGT7tKv3RT2j3Dd+FMjqRoJP8AV/jTW/1DVLJ96k/hoGytH9wU7tUi/e+7mpNu7tigSHR/dH0qH+99akxto/hb6UFEO35S1MVt1PP3RTP4aAFobpTEbbUjtuoAhZflztzUDNuPTFWl+6ahk+9QBA1Kq7qf/FRJ96gCKQbWpP4R9akpk3+roAi/ib60Uv8ADRH92gCKbdx/dqIYy231qy67hmq8p8tcUARyVA3Sp925aZu2rigCr/FRJT3bc1M/i/CgCs1MepZPvVFL9z72KAIaKcOn36KAPg7wTAY/Cehqe1lD/wCgit1V2tisbwb/AMijoZ/6cov0XFbyU38Qh8a7lqVBtpYV+83tU27dt+lIBq/638Kmj+ZSu7AJGRnGBkDOfxpVp6qrlcrk5H/oS1rEzlsY+j6x/aF5NamI27oz7HZ9yOquy5+uVP5Vu269GwAcc46H3rmfDumpeP8Aa1/dSQ3F1Ezf3kaTLD9K6yH/AFhONuSTj2J4/TFXIlCM2786nT5sDdjihV3NU33fl3YqGUhkcfl5Gc85qeL7v40ka7V65qRP97FSWgX5pMe1SLH5eR75p69OuafuGxh/FQUMVd1PA2r93PNSxqVjXPpUN/eGxs3lET3LHCLbx4y5YgAZPC8leaNxE5UMynDBsfw1LtKqM5/Gq+kakNSt1fyvKlWRoZYi6v5MinDqzL1+YH86h/t5zfJZpp11JJLMY0YbNjhQC7csDtUEH8TRyvoQzXX+H6U+T7tV9S1JNL0u7u5Vd0gjaWQRglioVmwoBPZQfxqDSb+51SQxy2c9uAN6vMjKNvZWDd8AfmKXK1uJM0UXdiptu2gdv5entUn8R+lSUNX/AFf41Kv3RSqu7b9Kl27aaAiXrUqruY/Shc7uuV/uHp9aoX3iK10y+eFlM4ihWa5aFcrBGzFVZvqVI/CqA2IV2gfSnr3+tEbF1Vshgw3KVGBgjjFZfiqa7awhs7GRorq+uYbVJEbDRqzguw9wqmmlzaAavarC/wAP0qiWsND0Z5Y2MVnZxGVTnc/lqpILe7AA/jVPw3rNxd2NjcXyRRC+i8+FowqMoKlgmD1+Ukk/7VVyWDmOjjXctLja1YmivdLqGofaL1nZbuWOW2kWMLGm7Mbp32lSo+oNXTqk39vPYfZ40iW18/zVkw+4sRtx6YAP40coXNLd8uzG7Jzj8CP5Fq43yDD9ku3j829l8Sgx3OdvknzBGg3f9c06V1NpfG61TUYAu2O1dYQ//TTYrFfyYfnVHxV5Nra29+o2xWF5Fdlv7mMgn8Nw/OnHewmdD8nOwYXOBx24x9eMc1Z27owaxtHvmvFlR08uW3k8t09MqHH5hwfxrbXtWUo8rKWxJGu38qP4qdH/AKz8Keq7pPwqShKcq7kJp6r822pGj8vA/GgCO3j+Y1ajXbke9SRruQU7G2gAX734UnzbzipYqP4qAEVSxGasIu2mx/6z8KkoAkR9rCrRbcp+lVI1+83tU6tuUUACruUU9RtpF+993NSbd38FADNu5ql+6m33p0a7V6bakRd1DARF2rR/FUrLtoVdzUkAq06P/WfhT1j4p6jbTAWPofrUq/dNQN2qcfdH0oAZSr1p8f8ArPwp/wDFQAxu1S9h9KGXvtzT4v3nOMdqAHQ/6s/WhetOZdrD5scU/bu75oAa1Kjc7aXy6eo2qaAF27WHzYpzduc0yP7tP/hoAVdvenKoZuKhXrU60AEsf8qZEu386nj+7TqAGN0qNetSvTY+31oARvvCpV+6aWRdwJ96ULtUUCY1KJfvfhT6RulBJGrbWqdW3CqzdqnXt9KBoST71RtT2/rT5Og+lBRWkb5cbsUkkf7sc5p9OXvQBAp8vAqbduqNvun5c81JG3GMYoAShm+XbTVj+Y/NjmnSLtI5zxQBFt20113DNPamNQAyFdslK/3qWjvQBG1Ryfeokk2qy+9Iv3aAGt0pi1P97cvtmmMflX24oAZTJv8AV1K33R9KioARPu1HL978Kkahe9AES4/2t3+zVd87jnP41Y/vfWo9u6gCFvuj5c81C38XGOatMNtQuu6TPtQBXo71L5fWmuNtAFT+Jqqyd/rV16gZdy5oAiX7ooo8uigD4T8E/wDIl6D/ANeUP/oAq3PO8PirT0y5jksrjCHOzcrwkH0zzUXgct/wiOiBzki1jH6Vd1ySOzvtKvp8rbxTfZ5pS2EijlBQs/8As5CKf96tI6zM5bFe2vJofFGoWxm3wNGrRLx+73RuyMMerRyj8K6JEC5Cp8uenp2H6YrlHZG8Z285Ox5Lb7PKScgT8vEv4b3A9gK3NRs0kuoTHYtczKNkczyGMRg9ww5waqSsyI7mjx2GKpaxqg0iyNwUZwGVMKcZLEKMn05q3psM/l7rlUWXONqSM4GOOrVdXrUrcqWxzvhW9dreWzu7R7O/Rnu/KwZFZZHZg4boByRj2rfu76LTbOSeTbJGoBcLtxyQCp7c5FUZVT/hLLZvL3MthNvb/ZMsOP1zWnqWkx6tpd1YTM22eOSE+i7gf1PFbbvUgw9CvrxdN0e/nv5ryLUY1LLJ5Xl25kAaMLjnHOPwrqk4+UjBXgj371x3h/UohoOlaJOJBq1sYoZbRvvqsbq6v/uEKPxBrsFYuqtu2bE3D0Y7SVA/EGpqJLYcdyxt+XO3NEZXaXK/d/ukA/meKj0+8hvFuPJPyw3EkBHoyMVI/MVcUb8qDtPqelZGhWtdas7pjFDfW0rh1VkjuYmdWIO3KDn15rIhsbfW/FWrx3kYeWG3tvKZWyyxsZAXX0bcjZHoBWz/AGNZtJ5psbZ5gfveWpP1yazNf0m6tdUtNZsZGFxHEbeeONQ+6PJKHYqndsYtn08ytoEy2NDQpnmiltp2R54G8qUeqEAq/wCRx+FaS5+UEhjkAKucFshQWx2rM8O3DapPcXAhSFJNiGSJmZHKBidpYDgE4+qmtaKzia3ePZ+7ZQGHJzu74HP41m/iDoc/oq3ui3kdreG3Y6lLPOhi37/OLF9g3dijfzqxqd+mn+ItMllilgtRHLFv8kyhwQrKCF9AgH4Vo2nh+0t7z7SvnzT/AHIpLqSSYxJ0YRq/yqWxjPXirerae99ZusUqxz8PbymMv5cikbWA9l3DI4p8wmQa/Zyal4d1G0jjVXuLWWBPlAGSNvKtzwGGKfp801ndR6fdzJcykb4JmRFMyD7yv/tD+RFWLqH7Zgea1qyMXSSFghyOckHgg5B2+9RLpd758L3N+9wI3MqLHbLD83luo5XtiRqSaSsTaxqLH0OCCecnHPpjHtipvL+T8aoHWIk1htOT9+wga5fy4spGu4CPzD/tZx+Fae3ZvHTkj/Efnx+FZs1iLGu38qRmdFkaNFZ8cZfb+FS7dyr9Kco20izN067v7m6WObTfs6n5fN+0qynJXHXv1rK0OOa18ZeLDNCZbW4Wzki8zG3YIWXBx2J83HuDXTj/AFgpmoaTBqUZEgZJim1JYpXjfggkb05UevrW0altDJq5V0eODTdPeEORbW0jokjfeEe4lVP0BxVPxVHDqOn6fdKxnsoL2OSdEfYxiAIJz2xu61tWdrHZRCGKJYYwzERxjCjJJ4HXv35zmre0SfIec5+QjIb2xS5rO5XLoY626Xmn6voElwCZLVo0l2s48iWN0RmYfewygZosQZILCxNpNDqUckU0yyQyLGhBTzHV+mDgHHvW1Y6fbWcTPBbw2xxulSOLDuAeF/Dr+NXVOTyMH6Yznn+tW6hHKcn4k1CO4Z9NFsn9sT7IrMNHvaaNvlaRP7wVWbcOwwa6C60WKZYBHPJam3H7ieMqzqh29z1BGP5VorbrJMspRTJHxHI3/LMtwT+OKlky0mNoK57flUOdxpWOf8Hw/ZbfVomZ2m/tKQyeZjO7anp7Yqz4wtzJ4R1tMbi1lOQpXIbEZJH5CtSOFFZ8JzmlvGaC3LNbS3KdGjhUFlXIy/rxRF6jZFptlbW9urWtultHN+9MaLgZbk1pRrtrI8JTNceH7JJLWS0kto1tSkwIY+WAgbn1CitpI/8AZzWT+JlIsRfd/GpUqNF2rjGKni+7+NDKFanxruWlSpqSASMbal3fMFpq09fummA5l20RrubNEX+7mpW7cYoAjWP5jVhI6jH3fxq2v3RQwBV2inL1pUY9P4an2hYzhsVICJUtLH/q15zxUsfzLjdigCNaetOaPy+M5706P7tADVXdTlG1vvYqWP7tOZflztzzQAJ25zUm3c+fakVt2OMVLSAgaP8AnUrR7UBqRacv3vu5p9AIw24Cjd/DtzUzR7mDYxxilamgIdu1emKdbtwy1Jt3LmiFdrfjTAljj2sp254pWbc3TFTUyRtrUAFMk7Uu7du+XPFOj6DjFACs37sLUsa7VpP4qfQAjUqVLGu6M/NjmhI+em/3oAd/DUe3dUskfI4xxQo2qaAI/L+Wo9u386nWloAT+EfSmL1p/wDF+FN9frQA/buoaP5aI/vU1vvGgCPy/mqTbtoXrT3x/wACoAgkX5t27FPjbch5zzUTbt/zLmnN2+SgA/ipXqT+EcYqKT/V/jQA1KdJ96kT7tK3ShgOj+7Q1Rw/6ypT3qQIpPvUxulOaopPvU0A2mt94U6j+FvpTAjkqKP/AFn4VOq7o81GV25oARutNamt0qJm+XbQBI1Rzf6ulC7WH0psn+rP1oARfu0i02lj/wBZ+FA0DVHN/q6fJ96mN0oGxE+7TJl+63vSrTX/AN7FBJEP3khPpxUMi7Wqf+E85qCb/V0AMbpVaSrS/dqGT71AFWirFFAHwj4F/wCRL0LjH+iJXSJtaN1ZdytwwK5GKwPALBvBuhY/59ErpW7U3pInoUbjRbG+sWsmjWO2kPSM7QGBUhwPUY/lWj5f3T8245JLHLHk8n3IwfxpIl3VahXbJ+FCdxEca7ZB9Kcy/wAW7FSsu405I6oDFvpmsNbivWjuJoWtjF+5TeFdZEdQR6tjH4VpaOLl5rm4mt5rZGRVgt7jiQbQMsw7HOR9FFXPL+YfLmpkj9sVpzaWM+oqnoByF7+vf+tT5KoWxjHAY9MnoPzC0JHVhY+Pu7qllIq6TZJp9nBBtRZBl32dC7Es5/76Jq4M7mz60Ku3ttqWP7tSUNVd1PVMc7sU+P71OXv9aAGBty9c81Y/u/Smo3ONuanC7ccYpMAVdzVKF24pKelSA+gKG+8jFR1K/p+VDfeHy5qWJvm24xxQBBY2Mdj5oQEvK5kkkP8Ay0YgDd+QA/Cry0scfB+tPxtoGgj+7T/4aYvWpaaKGJU23dSIu6p1jPmL/dpsBkQ209P9Z+NP8seYdvrUm3aB82KkBx+8KmShe3G/3qVvu9MUAPSpe9VV+7+NXI+30oEyKPqfrU69T8ueKa33T9alj6CgSHr90cYp6UtOjX7ze1DKJVqaL7v41Erbgv0qb+H8akBy9amjX95ndjikjXctTw5jy2V2qRnd0PPT6k7cfSmtQI2k565p8Tbq5Tw74dC+CbNkUzajcRG+NznbM9xK2/5m+rbcf7Nbvhy+n1jQdMvp4jBNcQRySREcqxUEj3+vvTasFzRXv9aniXcv40m0Lnb60RNtqAHtD8u6po/u1leI7NdT0eaEtKrAF4/JmaLc4B2hiPvDnpVW81a4uvBT6jCyx3U1kJ1kViRDIy+/TJY1qoaXEzSOoPH4iis9m3fbNNFJuxmRZEG3/vkt+dake3jYMJgBRnOAAAP0xWfJpG7WLS/LYuLMSBT/AM9AyhZF/MZ/Gn6t4gsdBWP7U53OyJCqQvK7sfuqAnPPT8KJREjUX5WzU0c25/wrOsrqK/tzLbuzxjJXzF2svPKkdQQc9azdZnu9M0m81eK+kga1TzPsrIjw3AGSUYHnJ/pUxhdlHSyScfjTlbdinTKsc0iY3KrYU9Dj0I7YOR+FC47DFS9HYB+3dTsGNSw64PzHouOppYvu/jSmTyXRtrHLKPl/3h/jVR1dhMgbVbS30176S5hFkqbzMfuoAwAP1JJH4Ve27flByikhSOhGeCK4Kzt01G0tdFmQm0iu7+S6DbcGJSwxz/tXC117ataR6g1nLdQf2mCJBaLIAWYgMRgegYfnWsqbjsJMvU5arXc13GBDYQLdXLNkrJMYUAwWGWAJxkHtUejahqN1HcR6npw0+6h242P5kMwdc7lZ1U5UlT0xyOajlkNsuSXtraJ/pNxFAhYKRNMsQJIOzk+4NWVcSKrjaQyrgqwYHgDII68iuL0fSILr4j+JrnU1E11HZ2kVirlHKW7CbzWx/tSq2a29FhfTtd1Cxt2WO3kSK5jtY0DJau7yq20joDs6epNaSgoISdzZb7v409e1PHEcYxjHGKZ/E31rDqUPddwzUartqWP7tP27lzTArt2+XNTD7o4xTHTbHn3pYWZlOOmKAJFp38NEOcDPpTZOv40APjqVl70i/wAP0p70AM3bqcv3TUa9akoARaP4qX/gWKcv1zQAjUlSbdy5qPy6AF/hplPxtWmUMAVtrU6RtxH0pVVWVsrmkRQsfAxSQDP4qfTaVaYCPUNWO9QH7x+tDAF+9+FJ6/WnR/epG+8aSAVe9Rr94/Wnr978KZI20Ee9MB70yPvS+ZuTFM27VNAEbfxfWmq21CKJG+XbTZI9qg+1ACq26mvTY5OD9aVm3CgCFqb/ABVL/DTVoAbN/q6YvSpm/wBV+NNHagCJqSppKhoAjlqN+g+lSSfeX60xvvGgCFetOepP4ahagBv8NRN0qVqjlb5NtAELdKharG3atQn734UAMoqBvvGigD4d+HzFvBOh8b1+zDndn+I11EKhm4GK5r4aqP8AhAdBO7DfZ/8A2dq6kSHIyN/vTfxMnoSRx7WJ96l3bmFMjfdJjGOKmjXb+dIliqu5vvYqZYRkNnLUqVIy7q06EjGzuG70p69aTG2pIV53Uhoni+7+NSKu6oUbcp+tWl/h+lBaFjj+WnLH81OX/W/hT160FBtZei5o57jFSs3y7acI+B8u6kxMS2+9U38VNjXbu428VZjXcgqSQj+7Tqco209aAIu1Wo/uio161L2oGiWpI93y/Llc0L90U5etBQ+THO0Y5pG+4PlzSt2qbbu2fLmmgGx9BxirC1FL8jZ2VOknmKDjHamwBaNu5qeq7qdHH+8/CpAVV2ij+KlaPk01htxQJky1LEpbn+Go1/h+lWEoEiRVRR93NPXHYYptPSgoVV3NVhF2rTF61Yj+7QAif72KmXtzmkSpf4qAHL9772KsRqCpJfgDJ+gIP8wtMipyt8xX3p3sJmVodmdPuLzTpNwRH8+It0dZXYsE/wBpX3k+zCt63jxGBtVcEj5eh56/jWJ4ozp1gNXQt5unBpym7Akix86fiQlb20LI6hlfaxBZTnnPI/A5H4U5LqJC+XTljpaB95aztcoa0XzBidwXJ2/1/nXKzWFzYxroVnZTz2c97E8NzlVijt96tICx77x09xXW7dwY/wC1TjH8orWMraASMwmw6Y+bDBiFAzgZPoec8+1Zlxeas1wY7WxtvI58y4vrjYW/3VjGSPcn1rYSP5RT1G2lz2YbmTs1SOzCWaWMc7DMksmWCt6hOSwxjqR9K568m1y41SDSr+CG8tbbytSu7nTw8Z2hmMS+UxPLPGePau5ViuB/CTWVqHhG01O68yaW7jEi+U4t7p4VfuobHBGSa0hUV9SWrI1LO+h1C1E8LZLMRKhxujkBw6sB90hgePpVkdvpWaNNTSdHaDTLRSLWGRoIyysrMFJxk9SWx+VWdGtJ9P0mxtbpzJdQwJHMxx/rAPnAx2DZH4VlLXVAjRj+7SldwJKbwo/n/wDqoWl27qhDZhWUNxD47vZSqnT5LF54bja2VmZo1ZCR22wpj3JrnvEd4/hfVPEn2lEgtLp4tU05gJGmedYkt3jU9MhUVvowr0CEbZKmXrW6qLZk8pU1Tw9pt9dB7uxiuJYx5as0fO0EnH5k1Ys9Ms7EFLe1W3XGdqDAz61O3SmpWbbTshqJlaroJ1DULW+t7oaZeQI0TXDQiVWhbqjqeCC23A9ataLpEumpJLd3Rv7yQ+Zc300SxNJgAbQi9ACCMVor1qWq9o2rFWAHKjIwe49M80Uv8NIlQAn8VTx/dpkn3aei7lFACSLuakUbamUbaRqAGRt+8I254pzLtUcYpy0tACx/0pkn+sqSP71Hr9aAGrt3c1I2NvFNooAarfNtqXbtpq/e/CmN940MBzfeFSrUFG7bSQEkn3qay/LupFbdS02AqybmA9qYV2k0/dtX7uab5nynjFSALS0wNuX8amb7o+lAEbUm3dRRQAY20KvzbqT+Knt0oAidt2fmxULd+c1P/DTFXc2aaAgT5TmpjJ5gz+FNMfJoxtpgRSfdpj9B9Kkk+9TGoAgpV+9+FPamNQBG336e3SihulADI/vUbd2frQtO/hoANu1fu5qGTtxjmnU1qAIf4m+tRy1YaoJu1ACDt9Kc6r940i/dFDNtXFAEJYNnFV5PvVM7bmqNqAImqKX/AHc1NJ96mN0oAqf8AoqaigD4a+F67fAeg/8AXt/7O1dXGu6SuY+FS7fh/oPGP3D/APo6SusXrVS3EM8v95VkR7SDTf4qmSkgY5P3kmdueMVKsfXjHNC9alj/ANZ+FUSMWP5qk8v5hTt21ql3Bs/3sUDQ2Ndsg+lP/ip0W7Yd3pT1XcooGx8dWFXdUMcP3W96s/wn60iQSOrEcfzVEvaplXc1SA3y/mqULtxUirtFKy7o/wAaAChetIF2iq2rXzaXpN1dhVbywrfN/D8wGf8Ax6mtQNGNvm21JHD1b3rIGp3EXi9tNAHk/wBn+eSO53nn9K3njPy59M/mSabQ0xiVMv3vwpiDbU3apKETqfrVhaTbu2/SoNZvho+j3158m6GB5v3n3fkGaALKruapNu1hT0JP3vXHHT8KdNjH+1RewCL1qT+L72KyfEmqS6Los96mwyQ7CvmfdXLBSf1rWdgkm0HIBwGHQ8dRRbqA5u3OaaP9YKczbmJp8S7qAJf4aIl3VJHHlsYcleQFb14zj1yVA/3qzJbifXftFrp2bWKM+VJqiYUbh8skcPcbWDKW9VNNK4G1Gu2iHo31ptvCtvCkcZYxquF3MW4HHU9eQfzqveXhsYVdLO4vZGk2bbfYGUHHOTzU8rvoBoJUzLuXNZcfibS5JAk13HYT/d8u/ZYGft8pPU+9bC/Mqt/CwyvzBuPqOtNxa3AdCu1RVhetMh7071+tSBOtLtO7KnYegf0PY/hz+dOX7oobpQBxfimx1SbWItPOqxx+HNXmSye2WPM0TMshKqfRzXd+UZJXdRhGOV9MEZ4/z2rnPEbedceHrVN3nPq0M3H9yNXdv0ArooT5bbRnaOF3enat5/AiFuTbDHwaNu6hW3NmpDnnb97jG3r71gWNQbaknlMVtKwTzCFJ2/iM1lXWi3OqXDl9XvNPt96qiWBRF293ZihLEE8rnpj1pnhfUrvWvB9tc3XlPNMJleRRhZVSWWIED32IfqTW6grXYXNPw/qcetaTp+oxcRXlvHcKPTeA38zV1/8AWfdzXPaQ03hjwLpv2iJnuNPsbeBoYuplULH+hBrqGTy2kQDey8Fj1z3z+OaykmgEh6jjFWmUNj5ctWPc+H5dWKyvd6hCiYAgsphF0PUnrySo/wCA0zwvcXDRapZzzm9Swv2torlmLNIPLjdiSepDu4/Cny6XA3Fjf+5RIpSPcTsAOWHzfMB0HHvUU1wluyliqnPRqlaYNG0kYLMASpTpuwSP5VADIpAy3CKf9W+1xzwcA459iKsQY8sbawPCTIreJYlBAXXZ1Xd/sxxIf1U1vrnb81VKPKBKvUU1fvN9aFpy1IDNQ1C10nT7i8vJY7e1hAeSZ8YXHQHCk89qr6fr+nalNBDBNIt1IvnRWtzA8Mrx9WMYlAD8enap7xRJZyowldNvmNHDkM20gjBHOaxdU1a3uNU8PxFzBdHUXIhuFaOQL9muN2d3XjHNaxjzaEy2OnX7pXO7aMbuRnuOO3XoOKdH90UkWP4emBjnPYY/SmXEk0aFoLdLqTP+recQ/wDjx4qdVogRaoP3WrNtdWllvYobrTLy0fG4yZSaIgMDs3r6gNWdpd9qE32u2t/szTwXd3mS4ZyyD7XNHCFX2WNhmtFTb3G2dMn3V+lSfxfhVGx1F5bw2NzD9mu418yNowTFPGOrRuehUYJX396tyccAYHbA4x1B981m9HYSYN940q1AvWpl60ih1FK1Nb7v40AKvWpG6UifdFDUANWl3baXbuXNEMfJoYCbt1I1OK7Saa1JAC05etJH96nJ1P1pgOk+7TW7fSpWpjUAR0jVL/DTVoYDFpaVqSpARqSkk+9UbUAS0VAzKuM1MGDKMUAO/hqH/lsPpT93zqKjZdsh+tNAK3Wms22nPUcbfNtpgNZt0n4VE33jU23axqDufrQA7buX7uaaq7e2KG+7+NL6fSgBrNtpjtu/ixSyfepjUAMHXrmntTD95fmxzSyNtY85oAbN/q6YvSlZt1JQwGvUNWG+797FRr82RnNJARNTJG+XG7FK0flvj8aJPvUwG7duOc1HJUv8NVpfvfhQBG38Py55pjfePGKey96FbdmgCOio2+8aKAPiD4UyeZ8P9Db+/C5/KVx/SuuVdrVw/wAHCY/hvoSHss36zyH+td/C27P0qpbk9BY/u1KlJ3X/AHaSP/WmkhE7N8u2nbdqCki/rU38VUBGfuirCR7sN7Ubdw/GpW+VAtADI/vGpoV3Z+tOij/lSqu1j8uaAJeYySTtTbyf5Vi3OvXUOqeXFBGbK2vo7G7Vd/nIXTcZVxxgbo621YplvuIgBOWwKxNdtYbfTmSwRIn1C+gX5DkFjIm5vwVTVR3Ezo4vQ8kfKzdmYcEj6nJq1H92q6xiH5FGFGdo/wBnPy/muD+NTpWT+IpbEn8NZetaZc6hbxzWk0sN3Zv9og8lvvyYK7GHoVZvyrX27lzTVj9+nH5/44NVF8r1CWxFY38F1psF5EyJaXEPmIduF2kbm/AAMT/uis+3mh8WaDc7o54bK8ikjjZvvS27qVEi+zZRh7EVjR2z/brnwoluVsLhnuTI33IrNtgaL6tIT+ddkqBQu0BVA4UdF56fnmrdo7ELUqf2Wft4upd8l2IRamb+J+Qct75BH4Ve1K8XTtPuLmWQlI1eRt3sGYfyqeBtzVmeK7Ge+0O9jiu47SNoZElaSFpC0ZXLAYkXacqnOKSd9BtWNdM/Nk5OeakVdyhQN2chlX7xGM4H4BvyrE8JtqrabYm8niuVNtHlkhaORDtHXLMG+uf5V0Y6DHP+1xz78VNrMroY3hu6naa803UJvOnsmylz/FNC/wA0bN7gHb/wGtTVNPTWLG5spjuM0TK67c9cLn8CUrH128tvD+pWes3TmG2VJIJnWNXZsI0qAA/xZjOD2yam0HTp/tF5qepq8eoXQ8oWnmDFrBGx2Rgj77klnZv9sDtWnLpcRsWKyQ28cc7NLKEXc4BXzHx82CO/+FVJpNYt7qciC1vrXI+zxwu9vKg7ht33j7+9Xbq1OoW8iOGQNjeY5AhIPYEMD2qpa+G7WzuPOjnvyM4CS6hM6jHGMMTUAU/HA+1eFbiPyzEWeBSjYyC00a9R169a6Fvvg/3jn9Kx/GcEk3hbUvIH7yNPMCjoSmXyfcBGraS6jvpBcQuskUgyki/xL2P5YH4VT2Gg/iqeP7tMVdzVYjj25PtWRQ+CJmy4KqF4JJxjJAyT6AlfzrJ/s3UNLeRrCbz7RnaV9NuiCAzsXby5DwAXZjj3PrW5C25VqVl3U1KwmYF9dalNbQCFb6wv8/dgWCRV9pCw24x05zWlpFrP9lRriWSV933pUjVu3ZCR1zV5Y6liG2iUuZWJ5Shr0wtdGvmNkdSIjYpZ+WJBNIFYKpU8Yy3P0qr4b8IW/huae5IhGp3I23EkKKkeP+eaBf4Qcj6g1s/xU5u1Lm0sVFalmLOX3bg2OQ3apdu7b9Kij+6KspUlsRo+lTCPaoNFKGO5V/hoJMcKb7xZIzD5dPslZD/tTO+T+Atx+dazMPKVVTA9P8+vX8ax9VsdQg1CW90qWASyQiF47guFOCSrApyuCxz2OcVa8PabNo9kYrmX7RcO5lkCjEcbEDKxjqF/i57sT3rWWquQtzYWPbtOMcUseJGY7ct0p8J35GMcVIYvLCn2rEpnMeK9YvLO80/T7HUdN024u+JJL8iMRxkhTKJDIvI3EBQMksa2PDFvb2+j2lta3NvcxWsSW+60CrGpRQCoUMxXpyGOc5PcVPNZwXUwkktY7hgNuXi3EfjVu3C258uFVVTyVRNoB+lbOXu2QlEx/Enhe21yzuWZD9rELLEwuHhBYAsoJHHUHFbdjZtZx5kMvmsxZlmfeyknkZ+uamhYq5zTpMP98/Jnk5IwOhOR9RU8ztYq1jmPF9hHrN7DpcNqt7qssRcNI7lbOAkq82wcZ6gH2qW10fw94N+w2Ec0dpcIUt4LdZ2M8zdCTCPvA9W9AVq3d+ErC+kvHlilEt1gXCx3UoE5j4TdnjGKuaTodhoskjafZW9lJJ1aCEI0hwM/P1NauouWzIW4uq6BFqZjBaINkoJWhE5Unj5d9S6RpMGl2pt1kL+YxMrsiIW+UgkhOB0HvV1FKrg8HuMHj8+tDKDjeCUJ2kL1IPX8uKx5mWYHg2F44/EDSHMn9t3Eh/7aLHIP0cV0iLuRT7UQwxxtM6rGJJn3ySR/8tGwFDH32qo/CpKblzAIo20tZev3s9uunwW0jRT3WoW0AkX+EF8t+ahq07fAhUKCFx8oP93+H/x3FTLYCSNQzZz8w6e3qa568bVpNe+2Jo0t7DarIlovnxxRpu275uTuZsKFAAwM10i/6v8AGp4fvD5c8U4y5dSZao4DxnZ6tqw0c3Mo0OyKXTXRjnYrE7RlY0aYgBVDSLk9ypHar/hltR8TaHpuo3WqzW160RiuFs3iMUkkbsjSDMbZ37d2c967RuvTFN2qzc1t7TQhRKlnYzWrbpL2eY4+V5lUNHyDuG1VGMhe3esyx0u68O65qEkNs1zY38vnt5U4U2koJJXYfvRlmZh/tO1dGsYyMVJt2sKlVbFcplWaXF5qn2y5tDYwxRvBDbtKryuheNpHYL91SY1+X2z3q/JkKoOMgAHHQEDBx+INSyffH0pJPu1nKXMNKw2Pp+FNj6n61J6fSj5uy5qShy/638Kce9RhircjFSs24U0BDu2tUm7dTf4aSH/WU2BItPWm01qkBZPvUyT/AFf40fxUrfeFADV7VOtIvWpGXcuaAG0x6FXa1Nb7xpoBq0tFFNgI3apv4R9KioqQIpfvfhSLUrVG33h8uaAGyLuXNOC7VFDfeHGOKHoARf8AW/hTz3pkH36dJQBG3SmbtsZ+tLSSf6v8aaAazblqKpFqLufrTAP4qf8AL3XNNXrTm+8KAI5Mdhio413NmrEn3qjagBqLtJqvL91vrU0n3qjahjREu3zFzStjzDj1p23c+fam7duakbCb7i/NjmmevOaV2420xF2q3y5poSHN0qvJ96nj7o4xTZPu02NkTU1qsfw1XlpISIZ/uVCrbZB9KtOu6OqhXbmmNjmk5NFQ0UEnw98IV8z4b6E3qk3/AKPlrubeP5q4z4N/8k30H/cm/wDSiWu3jXc4Pzde1VLcnoO8v5qmVdopETbMx5/4FUqjzGz+FSIQN8uPerKx9KZ5fAqyi7VFA0Aj5FPZdtKlSsu5c0DZElTL1piLtqwi7qLXJGsAWXchkGQNuAV5IyTngYxwa53QfhzZaTcW0yyFHgjW3t57dPszHAAJlaLmQnBH0Arqdu1hUiruatVLlQmMYssgXYu3PRenHHfnt3qbaFY4GKXbtYVIvWs3q7lIF61JSr1pZPvUihVVmU4pYYz82Vyafbt8jCpo12gfNigBI4/mXjHFTRx8n60v45pyUAPaP5abGu0H609m6CphH0+lAEP2dJx+8jWWP7zRn+LHT8s1OIzCoUkEjqR780SKq4zT2xtGKYCx/dp60wNyF9qmVdopARMoyTu2nGeemB1H45qSCGK2URQxJDEv3Y06LnnH6/rT/wCGlg+/QBJH/rPwp/8AFT7f75qRvvUDQ6P7n41NN91fpTYqevf60MbFj6CpP+Wo+XPFMXrU696kkhk69MVL/d+lMWPdlv8AaxVpI92G25xxQAJuzxU0efMGfSlXp0xTl60APXvTwq8MVzzSpT3oAhkAkbIGADirEMPzA+1RxLuqykPegaFj/wBZTmXc9SDqKc33hQNjRG2RjpUqRnzBn0pVpe1AkTQrtJFOX75+bFIP4cdcUrbtw3dcUDBV+YtnNTbt1R7fmzuxU6NuXrmgGRt938akRdyilb7v40p+6KCRVG2nL1p/936UsnagBklsk213ijlaM7o965ZSOCV98Gpslv4i4HygsMHjjn8qkX7gqOgCSP7tPVttNj/1Z+bHNOhXcxOc0AOVgzf7VEefMOaWOP5j9akZdrD6UALH940+P7xptFNADffp0n+r/Gmr/rfwob71NgNpG+7+NTd6h7n61ICN2+lKPu/jSr1pzfeFAEy/cFRNUkf3qa3egBjfd/Gnr9ymJU1AES9aWT71P/ipzUARpUjUxqWNtrYoARqY1SBtzGou5+tABRRS/wANACUyRtuKXdto354oAVm3Y+lManbdtNagBjU+P7tDL+73e9LG26OgBV+9+FMb7w+tL/DTVoAST7xqGpZF3NSY2rQBC1N/ip8n+r/Gmq20U0ArUlDNuFMWmA9ulQM38O3NSSf6v8ajXG77uWxQAjLtHTFQyf6v8akO7J3DFMm/1dDGhq/dpi9afH0b6VGvSpGSPUK/e/CpFbqKj27SfrQBG/3jTf4qkamyf6v8aaAZJVaTftXH3c1aXpUcv3vwpsCNepquY90harW75StRFdoNJAVWb5jRU1FMD4d+Dp/4tfoPss4/8mJa7jbu2/SuJ+Ci/wDFs9GJXLYmz/3/AJK76H94qnGO1XIgRF21ZjoEfIp7LtxUDFb7wqRetG3dt+lTpHQAsK7jmnKu1j8uaGXaw+lSD7v40ALt3dsU5BtqQdR9KT1+tADv4qlH3fxpsH36sxttB+tAC/3fpUsa/vN3tUe7cKm7D6UCZDcX0UM1tE0vlT3DtHF/tMsbvj8kakurmG1kikykELSJEPMbAYs4SNPxzVHxLZvPpoubdGkvbKQXUEUf35mUHdGv+8u5D/v1Va4h8QeItJkgaG5tbWyW+hKkn97I6rDIV6YGx+fXNaqndXJNy3jLRoT95gC2DkZIyQPp0/CrSR1HaXUVwv7qVZSvyvhgxDf7WOhxg49CKbdXDWKhxZ3F5z0tgpdffBqNnYC9t2p+NPVdyis+x1N75ZmFld25TteRhA/B6Y+8QN3FYWg2KX1zrd0Ve2votWmiF2jYL4CmPePQB48L6k+tXGndXC52Kjav41ZH3R9KzNG1I6rYxzvEY5smOWJuCkikq+R2ywLY/wBqtH+EcYrN6OxfQk/hqOp/4R9KWHvSAZF938ad/FUnY/Wmqu5qAH/w01f61Yjj/dmkjXbJQBYi+8v0qTbuqGPq30qb+FfpQNDJBtxUyru2/SmVND0/GhjZNHHUzR02H/WVMv3vu5qRIjEfy/jVkLtUUxvvDnZx0p/45pMYdqsBdyj6VAvWrEdJAxMbakipZPvUi1RIfxVPH92oP4qsxfd/GgaFX733sVMvTrmkiVWfmplULnHrQMWP7h+tIrbWpf4qkXrQDHI24/hQv3j9alX7pptBJItOj/1n3c0yP7tPXrQA+T/VnjHNIvaib/V0Q/doAlp0f3qWigAX7x+tS1GtPWgBJGO0hVy3FTMoXtg96ZH/AKz8KkoAmX7gpFqKkbtQBLJ92j+GjsPpSUANXrUy0xetSUASR96jX77U5e9Rev1oAe2dp/u5qRMbeKPT6UyHv9aAJaG/1X40rUlACp92lbpUbUq0ARSdqlH3R9KRqSgCT+GombbinrTJPvUASM25T9Ki/hpVpGoAatLUkK87qjmYMrbiqDBBbvjBJ/kKAGuu4Zpsa7QfrVDTtcS88R6ppYjlS500QNLK/wBxvMTIH1wR+daXG3jgYGB6cUcvLoAi/e/Ck3bc/Wm0U0ArSUyR8rihqSmwHou0/hR6/WkWlqQF/hqF6m/hqNulNAV6KVqN21fvYpsBG6Uxadu3Kec01aSAWms22nUkn+r/ABpsCKRtzUi/NxUi/dqNqkaIvJ25+tMlG2pZPu0x+g+lA2Rt90fSom4VT71KtNk/h+tNEkbzbmqKZ8jFPZtrNVZW3Z+tMaJvL+WoWXbVof6sfLmon+mKBjZG2qB7VFHJuYikeo0bbQBI0PzGin+ZRQB8O/AyPPwr0NsY3faD/wCTEtd/HH8tcF8Dn/4tTokf91rkfncyn+tegxx9KJfEQCLt/hzVhF3dsUgj5FTKu0UkMGXbipOw+lNX733sVOn03+9MBIl3VK0dG1twYDFPZi2M0ANij+eplj+akg+/VmHqaaAbGu2QfSn7dzUL/rjTjuzw2KbAVl20+P8A1f40RZ28nPNSx/eqQFSMSKecEAD2wSBk+wJX86yNH8PLo91ql1DPIReyCRoX4SAZkYoG7DfNIw92Na6/eP1qRvm4p8wmcfp/hm48MalH9jsQ8Zvj5V5HMihraWUSSLNnlijndu/2wO1dl5LzZVJ5Ld8D95Htc8gE8FT3JOfephH5cYH41LH/AEpylfVCSsU7HT5LSWRnu5rovhQ07jCnB7ADGaoSafqGnalezWENrcwXzeeyXUkkLQy7I1P3PvKRGvHqDW8vf60kn3aSm1uNq5W0mxksbNhLOLmaWRppJFUKu5jnCj0HTnnitFe1RJ90VNHUt3dyr6WJNu4E+1TrH8i/So6li+7+NIQ2QbVpy9qJF3YqaOP5h9KaGhyVK3+rb5c1Ht2tipKYxi/dXjHFSR/dqOTtViP7ooYMdHU69aRacmfMX+7UiRIqruyak3BmGKiChpjipoV2yEUDH05aa3eiFv4fegCVF3VYVdoqFl24qQt8qigBW7VNt3ID7UyRdqilSTbhaAYsS7fzqdl+XO3NNHUVL94YpMkba/vHzjHarUq7V+9iszUNUWxuo7G3ha91OaJpI7dW2hIwRud3P+rXtleTjHap7HV57rUprK7txZ3ir5se2bdHNHk5MbHkFR1B55B71XLpcaLK9uc1bh71HHERwQo7jaOMHkH3+tTKu2QfSkMNu7P1pNu1vu5qVe9O3bT93NAMZ+GKKI23buMc0kfU/WgkWpIv93NNk7VOv3RQArfdHGKev3RRGu7P0qVE/eRKehPP6/1K0ARVJD1+7mqej6tFrmlx3kC5ifcg/wB5HZH/APH1arkP0xxQAqruk6Yp+3bkU60P+lIuVXc68n/e/pmua+F+rXuvfD/QtQ1GUT3tzbiSSVf48klT/wB84H4VXLpcDpNu5lO7HNOkj+Y85pJPvULUgOjG1adSLTl70AN/iqT+Gq3nqkzJuUSbSyZ9iM1LMoRmGdyZLAIcE5JIGfrmmgHfw/jT1+6KypfEOlrqX2KfVLFNRfj7I10m8Z4GAec8Vp7duBu3Hdg5OT6c02gHN0pqNtqST/dzVduvTFSBa3bqRvu/jUC52nAIJIG4ZBx3wRzx3qppOuWGsSmOznaeVAduY2RHAJG5N3VcgjPqDQBot2+lRySMuFC571KqsXTuxYZ/2cEEn9KyZPEFtDaaPMFdo9UuILaJoupZ1JXPtlDTUebQDUbO0ZTtUa/TFSK28BsY3Zb25JJ/XNY+qSatYzLfWEUepWsYKXOmufLdweQ8Mg/5aDBwrcHFUo30A2Y/u/dzQ30xVXTdUg1q0tr+ybfZ3C74mI2tjJzuUcKwbcCBxkE96tNnc2fWoejsAxqSn0UAMbpVa6uUsrOa4khluBGpYRwwPKzMBwu1OeRuwe2DVtl3Lmqt5cJZW7SPE0qr99VUv8p6/KOT04px3Ecv4Htbj+0fFl7qSRpfTamEdoX3okQtoGiQN1OFcZzznI7V1smd2D1/ya5vw7MupeJL/UorpdsltFBNZzW0kEqOjSFJGB6khgM+ij0rpAu4DnnAyvPynGSOf881rU97UmJG1Oh/1lKw20xqxLHyf72Kij/1nXNSL9002P8A1n4UDQ5G/eBfeluB5e4+9RzfeqR/9SKBsYsnmLn8KZTm6VH/AA00SLJ/q/xqFu1O/hplMaE/ipzNtoHb5c802T754xQNiM26m/xUN0qNetAkTt0qJulPpr0MbKzZZgu7Axmn5HY5wMU1qTvUiQzufrTXbaMU3+I/Wif7lAyJm3Gmr/rfwp69KZJ96mgHjqai7n60q/e/Ck2lsfNhd1NgRXC7o6rqu2rU0Y3Hac1Bt20kDHUU2imSfFfwHGPhLoPubk/+TMtd/H/rPwrgvgWu74U6H8n8Vz/6Uy16IF2qOMU38Qgh/wBZUtEX3fxqVaQxsS7nqZV2tiki/wBaPpVletDGgVd0efen7duKc33fxo9PpSQ2CLuq1Gu2q6f72KsJ25zTJJJPu06PqPmxxRt3VJH8qstADY+p5zzUjUBdqCmrQA7YW3YHLDG7suOSW9qdG8ciBonjkiP3Wj+6fp+NYusR3OrXKaWI3TS2XzL+dWUFoyGCwrnu7AZ9gKZpWoW+h3d7pN3JbWe2eSexHy7JYZGMh+Y/KXV2kUjqAoPetVTbV0QtzpI/uH60qVlaXqH9qahO9u0M+nRRBY5o2LJLNkllVv4gAV5HHJHataNQ/wAwAYHnctZSstCyZaetII+Rxior+9h0uJJp/MWLzI1eVPuxqXUZb2JK0kBPt3VJCm1s1HtKqMoEbADbehYAAkfiDVhe3y54psaHbt2aelNbtxirCIj43K5IHGzr6/zC0o7jYsf3qfD/AKw1zlnqFvod9q9teSQ2kEDLdxTOyovlS8MCx7+YsvFdHp1xb3USTWs6XFvIMpJGwYEZ9RVtWJJH6fjSr90VnaxDeahqFnZw3M1haKr3E9xasFlYqUCRh3+VFJJyep4FM8OzXEd1qWkXdzJdtp5tylxMoEksLocb8cEhkcZHYCnyXVxo1lUMT/exUnlnaufSljVmYFuCRnb6Z5x+tWWU8Dgr12sMj8qy62GyvENso+lWVX5i1ZK61aR6olk/2i3mlZVQy2sixtudVx5gUr36HmtiKIlU3sq7gGIUDHIHoBTcRJ2GK26T8atDtXK63eS6j4gs9FtLmSKPy3vLo28jJJtR0VFLD7qsWYZ9jUsPneEtY0yylvJrnSNQl+yxSTkvJa3Gz92nmnqjbXH1BqvZXVyVLU6oY+b5ctikGdoyMcUbQqrgBQQCFA4HHT3qSP7tQXbqNWpI/u1DcwSXMZiiuZbR2IPnQqpZcem5TzzTrO2ks7OGGS5lu2UH99MEDtkk87AB/WkwLcf3D9aRV3MfpT9u5AfalijG0/Nhs1IDtu2MVLGoKncNwPQds4PX25piqVPJzViP7tAGXNY3EFxcSaaEM986SXV1dAlESOIoiqF+ZgGIx2BYmmwvF4r0nzGt5LO+s7t4wrHMlpcxEq5yOTuyDzzhgO1aF9qlvpixC584+aW8tbe3kmbIU7sheMbSazvB8izWep3scUixahqU88XmIyfIMRrgNyBtjFdV/d5iOpoaHaah9qupdRkt3kEVvDF9m3bQELlm+buwYD/gNa6MFh59M8Ak47cDnpx+FQwzxtJJDvPmKoZ1T7yKxwG+hII/CnyHCuZPkIIB28nHuP61j8TGUR4i0f7Ytm1/FDdP8q2tw4ikcnjKq/zHp1HHH1q+VPmbW3Z6bWOSO2DWXdLrd6ZYok02O2ZxtWeWSUOB/eVPuexrcWPbGhkRY3wMqrh8fj/jz0pySWwDPJ2rWXrGnyalDFbC8urSHzAZfskwiZxg4G4MDitdmDDis7WL6TTbCW4W2NzGi7pDGwEkSggl13fL03e9OG4mZNrZtpXi2ysbKef7PPplxJc20ty8uyRHgWF13klHfzJFLDghAO1dSoOQQcRt8wx0IPPTt6fhXPeE5U1i8vdakS6gur4hYIZ4HiMVsCfKXcOCfvMSOzCtbT9WstQhiaG5imWYFoMHazgOyFkU8kbgwLex9KuadyS3fXUWm6bd30kirDawvPKx/uqpJH8qnkYNHhGAKjDEd12nB/LFcZ4m8NXeoX14yaxeWdhqVq1jdxwyNKkfDRhtjKylWDlGGMjg55rQ8I3+qapoNhe3kts8k1sqstrbsPJkC4kXcWOdrBhkYHGMcc1yWjcLlXSNSj8Ptq9tLDNfyyarcmCztE33EysI5m2D2M6k10ml6nDqlnHd20hkiZ2Rt3DK6sQysOxDA1jaXaxf8Jl4plM7M7i3WNY3wNskY3Mff/R/0qSJk0LxxHtkU2+vW4kEJkdsXdu0eX2Dj5o5FXP+xQ4xkrdQOjUDdlehyf0rk/hC3/FqfCQ+b/kE23T/AK5LXWRRoPJjOeCsWEfACFlwMdvupXM/CuZ7j4aeGQ3Lx2MNuVOHYlFEZwDxjKGp/wCXbuA3XtUnj+IPhHS7e4kSOaC+knjWTGcRK0Zcf3f3cmPfNdhKxaR2KlcscbupGcDP4YrkLzw/BZ+INP1gySyXk+qKsl1lcQRNbXEKxpt6Lvlzj1Y113zbcsApPUf7X8Wf+BbqmfLyoaEVTJIqIrF+vy0sqsjMGBB96y9V8M6Z4kUR6lp8F8i4dVmzyVyQOOe5qfR9Js9DsYrHT7f7LZQg+XD82FydxA3dsk1npbQbKV+rf8JJoLfKFMd6m5tv3vKV16/7hrX8xLhN8UoeNmZGA29VJPHbOQazNasrm5vdFntsL9kvzPMx+95P2eeN1T3JkTPsK12jC5Ubc5O5l6Fs8/kePwrQSOU1630VfDPiCEw2r+ZG3nxx+VuaZx8m7HO4Fk/StexY6B4btDq06Qy2tpBHczSHAV1QA8+54AXk4rC8baJJfXmnTjw+viCO1LukNvcLbXQmIwjCRiPlUBjjPUmqXiKw1zxx4H1TSE0ltNllihMH2y6jlaSWO4ikWMsjNyyxnBz+Fb25o2J6ne2Op2uoRvLbyLtQhGRo3heEkA4dW+ZeCDg+oPes268Q2tveSWdxDeW0asP9MuLV47UnsPNXgZ7buDVfT9Ri1zxodSis7yy8ywBuYruCSIeYZQ0a56OyAud3owHat7duVTx0HTrjtn3xg/jWUkk7FJ3OQ+KF3e2fgu/vLGZ7S+gmtWjkjXayGSeOEjA4GUlPTjmta+t49N1vw/BExjtEkls+PvNGYWYA/jEv51c1vRbbxNo1/o97tW1vraSBnODsLLhXwTj5W2nOO9ZWl2ur3WowPq8cbSWMU2y6W4VnuLhioEmFAwAAxx71cZR5bE9TftbxLqVtrRyyxyFG8v8AhlypIPvkH86820JVs7L4SWUKYtpYvtLfLnn+z5Mt+BlP516V8jMfK2um7PLEEjopPbnmuZh8FQWGpaTeWd44i0yadoLW5RWjAnjdJFBHO0E5HuTRCcYiexu6hrFnp+HvruCwQvh2mZY+TyOT65/WrmF8oDGwYBLbgQqA54A7Z2tv/hIWua17R5ovEWm69aWcupmNTBeW4cB5YyHKMvmcZXzH/DFafhW3ubXw5YxXkSQXSIQ0KHOxdx2A9s7Nh49aiaUVdDRTtYjovjRoDMBa67HLe/ZnbIW6hCiaRB28xXjLer7z3roS27JySMkDPYA4A/DFc14jjL6/4XZP9bHfNKPvf6sQyI/T/rqldGcBsd14br97v196Ul7qbKRi+KdS0zTdPjGq6suiwXDtAl0bkW5DtG5AV2UgHAaq3hW6t/s0sMPiT/hIod5aG4kmjmZYyBtQvGAGwMHJ5+aunWRlbaHaP/aFRvncc5Pu3ep5layGxqf6voB/u0x2by8IMvngB9pJ7AH160rVDczx2sLzy7xFF88pXJIQAk4A55x1qVqPocv4wbUbGOW+i1X7NFBJELWGBEj3SvNHGElc8n70n511rPgHKhM87c5I+p7153qfiC4m1LSX1W2hk0G3eHU7u5spmlazjcusIljbr8+JG9BEprvmuisyRyuq3BAm2s27OOHOfTnj2xW042iiFuKzbl/GnL90U3G1mXAAU4G307U1qwLHtTGpu35s7sVMJPlbnPFAEVSR/dpqtuUGnrQA1/8AdzUXc8YqST71MagCEfxfWmL1qz/DTF600A1ulR1NKu7modu2mwI5PvU2nS0q/cqRoZSNTv4aiagYrdKrydqmpJP9X+NAMjk/h+lRyfNHj3p5+8Kf3poSKvliPA3YbrTHz3Oae/8ArDTm+793NNjKq/e+9ipfxzTW69MU1qkBzVFN937uaVulMWmgGDp9yipKKYHxR8A2LfCfRv7vmXH/AKPevRuN3FcD8BV2/CnQ+Mc3H/o+SvQmXcwoluQhVqRKfBHT412yGkhgvWpV603+Kp0pjQU5adJ/q/vYqM/dHOaBsniXdU4Xbio492P9nFWFxtG2gkfH96k/ipU/3c1N/wAAoAik+7T4+n3c8U9fpihqPUDndR1q50vxTpFpceWmj6rvtUkZMMl0BuQb/wDaXIx7Vf1SOa61nTLFolktZI7ie5SWBZBLGgRQMH085Oam1nQbXxJpctjcoMPuKzbNzQtsbbIv90qep96y/Ds13q3iR57xJ7a4sLR7G4EgG15DKGDxnqRiKNif9qumNpLmRkdPAiCP5egGBhQoGOoAHTnNQXl/NYmGUWlxep9zy7ZRI6sfuts6+vNM0WaWa41gy5AjvVjiXnao+zwltuexcufqTWhMlwI2EDeVKeRKU3Ba5+paKuk6yuoTgJZX0AAL+Zd2xRcjqOffNX77SrfVtNks7lVaC4jZGZehz0/I03S7e7XJu7lJ2x/rEi8sEfT+tXG+ZcKN69zU9Sjg7db69vdBsbu5lSfS5bhbkQysvmPHCDbswH3hh3GPau/2CPKgLgE/dBA6+h6fSudvdDkXxTp+p2qIyeW9veRs2HZNkhjZPdWLE/Wq/jHSzf6po1ze20OpaLDKy31ubb7QyMylElKdZUBOCq8qWz3rodqm4r2RpeJrzVLO1j/sqyju7iVtoZ5fLCYBbaf97GB9Ks+G/EEWuWNrcRWl1bCaFX23MWRn+Jd3fDZqDw/dHZd28M0j2KqptrqTfvVWjJaMq3zfIQoyei4HatbT9Pj03zlhDJFLM8wiLbkjLHLBPRS25serGokklZE2vqYHjGzhttU8Oa5PAkqWN6IZfM5WOKZTGxC98FlOPer01qPDuuWFxE3k6dfSNbXiN0jkMb7JEH8JYrgj0ArV1LR7fW7G5tLqNZbe4iMUkbNgsuQTt9xgU7UtHTVNJ+wSSyxxNgrMDl0KMGjY/TFHPZWCxNqNveyRJDbSx6fN5mJWePzCi/e+Vfrg/jWR4ShmLareSXRvJLu4FvFI8WzesIaM5Hf96zcV0NxIZ2lDP5HmcGQ43KSGJcZ4zxn/AIFWbpvh9NJa1ii1G+aG2QwrbecoUAALuKL945UsfZhVxlZWYGNoPjS5utNs7u/0aS0tLpCHv4ZEmiVg7K3mKeY8sGrs1CKqyb2beOAsjHb9QFP51j2+hm3uJ5LaeOOK4kEkltPGstsD8q5VT90tgceoq/pOnjSdJs7JW8xba3SAOVCk7Bs5A6Y24+gFZyS3Q1cgW+1YXRSfSoZLZWwJLa9Mj4/vNGQMf/WrSZhI/H8/5UR/dFT/AMP3c1m9Stzm9e0m8tdYsNc0q2W4vbdHtrqESeW1zauQzJu9VaMFR3JNF5rFp4ruNLs7HM10NQguJ1kj8s2ywS7nMq9uUx9QT3rpI/pjmpl/1v4VftNBNDzJ5sjPg/OSwz6E5H6YpYfvGo5KmH3R9KxeruUg2s27A3HoA33ScE4P1x+lV7LUft+oarEI8/Yrlbd5f4ZGMMcmV9h5m3/gNW03cAFgjH5vu+wGM9wC1ZfhLSLjS/DOnpds0l9Mv2i8kbG555PnkJx33Ej8Ka+EZstIGXASpY4+nGKRVC5205d27hc1ICzRtgYpVjPGafzuXKd6kfr9zvQAqRbmXG4sp+7kKDngfMeM9eKz7Dw2+jpHbDVbx7GB2MVufKQDJ3FSw5K5J/OteJui4xxT1Xbn61opaWAp29i0GrajfF94ureGLy8YCrF5zceo/e9auSW+52IbcpJx7DPSnL1qSm2FrEcUXl81Pu3VG3apew+lSAq1V1TTY9W028tJTmOeJoHCsQ211ZTjtzn9Ks/w0R/dpq/QGYmnaXr2l39o7a/HcQ20iFT/AGcDK6K4baSD/cyucfw1g2/he7sbaawi043kiQfZ7e7ZEIEatLLHMsoKyRsolIKgYwo55Nd/F/vYp7ffHOeK2VZxWpPKV9jkFZHLSZ+aZF+UtkZYKScfMAT9arabpNvo1vLFbJ5UckzzNEJN6I7El9noC2449WNaKr980p/eQg/hWHMFrEaL84Py9O9ZuraWNQ1rQLvbCBYzzSSzN1VGhZNq+7M6j8K10XatPWqi7MNxIlZJWDgj5trbuu5s7gfzasbwrGLLTbrTj9+yvrpW+kkzzr/45MlbTfMAPemCPyyw981V9LBaws0MNwqLNGkoVkk8uRN67lkRkfH+yVJ/GpSpVQCctnBYcAkcEgdqjVvm21Lt21LAcv3RSNSqu5CaYq7ZfwqQD+KnSf6v8aUr8paolbc33c0ASJ92nqu6henTFLQBHNHwv1o27WpzNt/hzT4zuXrt9qAHxUyTqaev1zQ1AEMVO9frStTV/wBb+FA0PWiRpVt3EKJJIeiycIfqfQelJ/FUy96aAy9L0i4W6e6v7/7fO6+Snlx7I4oiSXEfqzEKCfQCtIElRn68dM9/1yPwpsf+tNOb71Nu4gqOVtvFPkqH/lm1SAxW3GnyRiVCGUnAONqBt2eobPGKaqhlQkEgdQrYJ9BWdfeKNNsZ/ImuVn1D77WVjAbu5HIAAiT5sEbsnpxTim3oJj7HQ7HTYXhsrG0gimyJIooFCPuBDb0XhlKkqQ3XcMciq2j+GbHR51eAXRSOEW8C3FzJN9mh6COMPz0wvPRVVegFX7G+g1TT7S9tXMtrdQRzxSFChZGUMPlPKkA4wfSp161bb2YkReXjtg98EY9B06cYH4UqR/MPlzzU7UjdKyW5RFt2u3GOajX+L61MvIxtzVDWNU0/w9am71O8tdMtx8v2i6mEKqT/ALR4rTcC6lObPmf7OKz9K1jT9dtBd6bfWuo27HH2i0lWRGI9174x+lXkqXEAVQzkimldpNUNfvm0c2d88ka6esyw3vmdVjf5FdPcMwz7YrRZt3JYuT8xbsSTkkfUnP407WQDG6UxaWmPUgK1Id23ahYE/wB04/M1EvWnltrKwPzDkfUEEfng0AZlt4o0m61NtOtNTtZtUQEvBBNmTjrmrnAQKqsqDoGOT1z/AFrmtSsdQ09tHXTdPjvdNsLia/8AsovfImWRt64THTHnOctwc47VvafeRalY217Bn7PcxJPECMYVlBA4479uK1lCyuNEi0NTmprVkMP4aibpTj978KhH8X1oAKa1KtO27lzQBXlpPT6VKF2k1Wb7xoAV6jWPdlvwo/ipW3bj/dxQBF3P1o7VIMbBtpi9aALC/dFFR0UAfFnwDG34U6OuQcPP0/67PXoy/wANedfAhfJ+Fmi+zzj/AMjPXozD9eaqW5nHYf8AxVJTo/upUjfeNSUMj+7U0f3aI6m/ipoBi08LuX8ac3apx90fSmA0R9PpVhV2rTYPv1Ky7jQBC2fl/u5qfj+GhRtob7v40MCWOpWqKNeh25qwrbh0xSQEfapwv3CNpPTBqNqclMCGPT1huppg8qRyIAYB/qsqSd4/2uQPoBV+3jCtkdOuT1PuaRF3VMF24qRoX/WNnbmnsu0YxipI1+8dueKan7xc4x2oGMi+bipzCi7crls0RhVzn0rN8TapJpdnZG3fyri4vIreJsK25juONp/2Q3NNagzUEfJ4xzT4RtkqRmUN8voD1B6jI6dOMcUm7dTaEiWH/WVJ/FVdPvirDN0FSMSZtrKNuab5nzHjHNWVj6fSoWXbn60AWN27b9KWWkVflRqbdX0VpDJJKrsq9fLG5vYBR95iem7gc01qDJI/vLVr5e7Yrmn13UNM8q51bT7ay0+RgfMt7gzSQ8gr5gHygkhckd8jtW1NeSy6fKdJKzX6SFVUlCrypIAyZ752SYptWEi4u3dwcmljV2J+tVtJvoNUsILy1DLbzoHRHxvQED5Wx3Bz+GKvfxVDGL5Z705Rtpsnapl/h+lSAztVuHoPpUe35tx+6pG7HJwQw6fTdWB4LuJv+Kis7nf5lrrVwPnk3nyZAk8f04m6Vpy6XA6J2+YrtzQi7e2KesfzHPXvUwj2sDWXUAX7v41a42p/eqHduYU7cFdR/FTBkqsVkIam+Z81Vry8ezs7y6wrmCJ5FRsYJVSwznjghcVx97pt3aQ+F7W71S+mFxqVoqXTPskjZkkMyZThlLBfl61tCnzEOR3wbdipt3yla5+x1S+s7+Gy1Jxci5LeRfoCA8qxu5jkjPThGG729q3VVVXCbtv8O45O3tz3wMD8KUo8paldB5fyfjUirtxSK22l3bqkB/8Ay2H0pZP9WPrTVqSMFmAUANg4c4wOORg8EnHAoBmXrOtpoZ0w+VJLPfalb6fCqfd8yRsru9sI9a6FDkxgKh5UL0Ax2ri9alutW1TwrNeaetpoi6t/x6zSBriRxbXIRmC8KuQflPPHvXaBvmYYwTySMYJ9sf54rSUeWKRIkzrHHkukYyFZpOnPT9acpZpyz8uepHQ9uPyrnvEhN/4g8NaNG7x75m1S7kiCsUgtihVCp7PNJDz/ANM66LhjxwAF4yMfdBJ46ZJJx71LjyoAbrQvWsbxhqx8P+GdV1BX8uW3tnaOTZv2uVIU4/3tta1na3drZWtveu015DGq3DdA8iKA3Hb5s0culwJm7VL2H0pjMGjYeYryK2JFX+Buu38iPzpEbbIPpUgS/wANQtuXkLmmyahEl5Fav/rHR51/3FeNH/8ARqVIG+zqzyjP3cKoyx+U5+UMCec+1AEokMigkY7UjVmWOveZcRwXGnXljFIVjimmZBFJIynap8ti0ZO35Q4wSDWuxDYI7hSeMc4GeMDBB449M96TVhoipVoWiSRLeGaaUlII0LyOvBACnJz7Atx70km3ZDYvanyfw/SuX0jxJLqEeg38txBLpviJnS1hig8t7ctG8sIL996xMa3dZ1IaPpN9qTJ5gs7eW8kXH8CDzPx4AH4Vq4OLsSWlXdT1G2sufWHtvGdrohtspJYSXrzbsbSskcca/wDj/wCtaf3lDBQ7qCdpk4LY6fiN+PpScXHRgP3bVxSRtuB+tZOlmSxu59LuTuRF8+1lY5E1tkk7v9tPl/DbWp827AQowO8MepwCWz+JJ/GkkA9qWOPzJF4BB+U5O3AJGTu9gGwPesmy1ea58Ranprx7Ft7e2ntz/wA9RIXBH4eXn8ah8eSSL4I137KWWVtPmC47syEZ/It+VWo2dhEPg/UNa1ASXmppbw6ddxRXFmijE0cTBjtl9QVMTA/7VdHGPlA2uGZfnDNgkjHT6kn8AKiW3S1VYYySsaqgz6BQB+gFY3i3xWng/S31AW9xeXaJI8FtapuZii+YXb+6EKKc+9O15KIka0dzb3lmk1pNHc2zM4SaI5VtrMpx9CpH4UVm+G9GXwz4d0vSkVf9EtkiZlH3nx85z3+YtzWnu3L+NLaTRa0EClm+XhmBUFuB1A6/j0rO0TXrTXYtRFo8j/Ybx7KUyR7P3iBc49RgjmmeIvFdh4StVu70SSMEZ44oUZ3bbhmAA9SEz9KzfhxobeHfB9jHLIkt1cot1cPyMyOoyMHpgAD8Kaj7tyb3Z0F9dJp9hcXTiV0hjaRo4ULudqswwARzx61k2/ittLuknvNDv9Itbi6ji+23IgMbyFwFSURyu67l3YJTqOtbBYHG4ghj0ABwB1ODxzkflXKalp+sah4iSxTVt9jbTw3t5FJaqoRkkDxwo6/xEKCR6EVpSVxS2J7fS9Z8P2TaPpaW91ZL/wAel1cSlDaRFi210IPmH5jg8dQMcc9JGCFUElmwNzNwSccnGBt+lPYEZyEGcf6scdB/Lp+FZ2oPqcbRGwt7Cdc/Ot3M0Rb0AYRt/Opk7scTQkYLxnGcDuBnnGSOcDnisrT/ABVpmr3RiguJJJvKeaOOSCSLzo1YLJJE7jayq2NwU7sY9qzvFl1ft4H1n7TBFbXvkELHDKZFGeuCVXtjtVWxt7e08C6BeR70OlrFcxyR9dpJV0/4Fux+FVGnpcjm1sdYxcSlQzBt+OFY5bIBO3JI43/hismx03StbWy1yK3WWeeBTBO6szojFSAm77pwea17PzBqQjaLy4kZNilsH72Ap/DFecacDJ8MvCsQ3Rzw3lhbIqnOGiulT/0FWpRVtUDZsQ+JtJ0LWPEz3MsdrJLqEEY05Tumdfs0CjYi/M+8k5PQeXWvr+oTaHJpshuVFo94trczytuEYkjdInz1yZTGOf79XzGn2pZV25JOx3+9sydo/Ksj4iWK6h4H8QwmIkmwnkC/33SMuv5bacmpSQkbWpWcGp2t3YXS4t7hZIZl/h8tlcMP+Agn/viszwpqF3qfh2ymvyh1CMPbXOzoZIZGhZv+BeXu/wCBVft7gahDbzg48+NZS/u6klvwZhWb4fvGl8ReJ9O/ghnguRHuxtM8QO3/AL7SRv8AgdHLoyjVk+9UbVVk1OZpY/J06S7tWba863MUagevzsN3OeBV/aVJBbcf+Bf1J/TiuZxszRbEH8X4VBdNMsMot1V5yp2K7kKzdgQATjrzirUlQbRtJJUDgkscBQP4ifQEr+dVG99AexyV9pGo3F0Y71NRbTZ2VJobHVyY/LKncNjpGduc7trZxjiuis7eO0tIbeKMRRQoqIikkKoHABbnGMdSfrWP4VaS6vddv0Mx0y6vc2tuDvwVQJLIh9HZWGP9mtTT9Qj1Ca/to9zvayC3mZhiMuUVvLX3VWX860nfqZxLka7mzSPH8h+tObG7gk9snrxxSN0rE0RHt2rUTU9ulR0DCk/ipaa1ADnqvKu5Ke2M/ew1I2ccnNAFcrtI+lEn3qfTXoAb/DUdOWhulADaKZRQB8Z/ANc/C3S13I376c/J0H71uK9JjbnbXnf7P8bf8Kr0slsZnnP/AJFavSlj+brmqluQh6rtqdf97FNRdtSMu6pNOgi/e6b/AHqTbuYcYoiG3+LFTr97rnimhAq7VpYc7v8AZpI/9aamXGR65pgSR4wdvrQzbWFS8859aNu6gGCZb5tuV6VNuDdBimwxjLf3sVJGpVfmoZI1etTrTdu6jCqDnripDYqapq9lpKwm8ultjK+I90u0bh7fjSR6tpf2pbJb20kv3+ZYY50Mkvc8HnFVFjD+OASquo0hlCt/FmUFh+SjNZ3hvRNMvU8QaU9pDc6VHf7o4lwVWF4InATuo3u5B9c11KneJnzanYquMnOVY5X6U7tWP4TnmazvbSSc3cNjctbQXD5LyRhVYbiepBYrn0UVuRsEjdiN2B93JAx3JPTArnkuhqndE8f3BUkbfNt3YrDbxRoocRw6pbSqxCq6yg7ue2O1a6/vGJUY9CDnI9azashkm3a3XNYuuafGut6JqTsxMN0sZ3PlI1aOVCwT+8S6jPsK3Nsv3f42xj6DrXOeLdUt7GaMX+p2VnpkrKUt7m187zirBvmP8K5VcH1zWlN2YmdUkrNu3FpArAMhfGG+YnI7fMDXPIv9peLr8ttUaXbRRxyKzjE0qytINw4+55fHvXSSQMskkbtveJvmbduBOCDg+mSaydBgT7V4hkP3pNTz+VvAv/staWW7EyxfQXFzbtHa3TW0ryJ/pCKCY13jceeuRjBqvZrqOj3NhBcXH9pWMwMfnSgpcRP5btGXCfLghH5PP6VqX3mQ27SQwm4lXkRK+3dwcfgO9c/Y6pe6v4otbe5tPJtdLY/ariGUSW73DRKIwD1yodjj3pRTYHXqwZjtJKjhRnIABwAPbGPzqOT/AFg+bHNU7jXoYry5gWBiLNY1upF27I2kUMoXdzkKysccYcVR8aWmp3Gi3T6ebaMQqs+dzCTMbCTCY7Mqtn8aFC7A6CHKtIwG/AycdSQDtX8Tmsme31m+1CVIBZWltbFDHJfW7zSTtsz5i4YBQpO3P+ya0tFuRfWMF0BE6yfMrQklSp6dfQYH4VV17xFNoWJF0t7yJz5YMc6qzOekaxn72e/pTjG8rCYmh376hHd217bi31GzRUuo9paB1cD515IZW9PXNaUNvHYhLaG3+zRQ4MccMQjRR6Ko6H+IfQ1Q8OWM1vBPdXtrIupXbh51YghCAQkeR1VeefUkdqtWOofbrzVoTHs+xzLaiYdHkMaMwHt8wqJ6aCRQs4G0vxdNBAmy11SCS9Cr/q47lNoOz2kT5j/tM1dLC0YjZlAjGclR94qPur9AK5rxSrrBp13CfLNrqdpJn0UyCJx/4+K6ZVQyFAQqAkA5wdueTn06US2LRSvvEGl6Xdql7qFpZXDtlYpZli3HGcZPfmr0P+rU7gwb5htYMOeeCOtUIY7tbqS0m0mK3gl3G4uopkcOSAFDKefmXI/CtSGGO3iWGKNIooh5aJGflVV4UD04ArNjKmorfyWxTT5LeKdmGHuomkjXAJzgMM8heKyvCNtqqatrdxeSWM9rdSRbJNPV0/fRRiOQsuTtGUPFdGT367SrY/H/AA3Vw+l6w2k6Gmn2MbLqt1q0sQZo2MSLJfuu5iO5iIH4VtD4SOp30YHlrhhjA5GcHjrzT1+99+m/LtO1WVNx2hs525+Xr7YqRfuiue1madCaP65qEf641JH91vmxT1+6Oc00riY0JvhkDNtB6f1H4iuQ8ReF7DRVs7+ztY7e6tL23bzmiLmCF5ArngjgGRT1712i1HcW8UwHmokkY+8snT2rSM+Vk8vNoY8Oi399qSXl/dwyi1ZpLO0s4fKiWRo3UzSK7MZJBvfac4QO5xzWpbagiao9h5Xlt5AuCyvGVVSzAKqdcAKMHuKtRsFKqVU8AbffP3foVz+VYcOlanY6xf3VrfWs8d7N9qna8gdpI1ACrGhHGwIqY991VfmYWtoaurX32OzeaO7tbGVh+6nvHIjB7cBhjvVfwzdXmoWdw1zLptyc/wCj3GlliHHGS24nvmtCaKG+QxXFvDdQ9lmgDRnvnn61Xs9B0/T5WntdNs7aTpvtrWJG/TmovpYDQ2q33WDAccdPwp6N5fH4gjBI/A8fjUZLMAW3Zx/F1py/dNSBhajcS6pi0n0jUbVvtCSQXcfkzxl45I5AzBXDpnbjOMcV0W794BgDPO1c4BPJ6++fzrG1jT7C4he61Ke5jtLaNnk8m6eFY0GCznHBIANJ4LuLu78L2c9+JBcTB5EEzbpPJMjGEue5MZQ/Qitn70OYDOiVP+FuXGQ3mL4fgCqP+Witdybh+AUH8a60ncwOSQwBG70I4rmdQRLP4i6RPsUT6hpN3aGQ/wDTOSGWMf8Aoyul8sEgjG3Axj07fpiip8KIjuY/ivy5F0a3lCSRXOq2scscnTaj+dn/AL6hWtO+vk0exluZod626NO0ION+xTuRT7sOfpWd4sa2s7PTr24fyktNUtHdv+mckhgc/gk7/nWpdWQ1C1aGRWKuvln5sDsc/iyg/jVP4Y3GzA+HlreNoN5PqYT+1Z9VuJbuOCXIjYbVVfwjWOtqHWdPkuWto723a8B+WGKUeZ78dah037TDqWtQvA0drJItzbzBjsk3oiOgPTcHRjj3FTx6Tp9rdyXMNhaxzN/y8LBHHK31fqamVk9ARS1TK+LvDXO6IQX8hR852D7Nnr/tMtbSzDYoVwWU7QU5Kkfe4+ueaqTaQt1q2m6iXw9pBcxGPH+tjlaFmHvgwpVxY3+Xc2JcDd9e/wCtTN3KOM8c6le3kI8OwWLebqc1v9kurWRJlVUnRpHkU8rgAc+9dBr3iaLR9Z0rT4bV9TvNQkYwIjqjttdASWPXPmfpRrHhWw1a6W6vEm84QmBmhupYFliJB8p/LYbhkHAPfNJrGim6OnXFr9nF7pztJE93F5qlWx8jDJIPCAZ54rXmjypMyZeivG1DTYprGRZJJULBp8bM7gGBI6sMY/Cmz6Teanp2o6bPeR3FtfW81uQbVoHjMgaMb2H3/mccVLo9rLZ2qRTztcz5d5JWXbl2cswA7AFiPwq3NIV4DbOCc8nuCDgc8EL+dQpcsrovdHG+HlFx4Z8DpMGSe3b7UyqQqr5ccolIDc4DOp/GtfxlY3N/4b8QWARpY7nSri2jgUb3eVopBtGODuz0qex8O2FnqVzexQeTdXDMJn8x3+Zzuc/N0ywY4960kjbcD/ATkdP6U5T5nzC5TkbXWbLxV8RI9StZFeObTJY5VUcJM8qMIiRwJAvnjyz0Dg96l0/xDdnTbXUrmUzQrcmDUIpYRFJbbjs+Uj+4XRfwrpZIYmmDMFPluHXcFYo+DtZVPcdzWXN4XuJrhhBetaadczpcz2iQxly6qMrHJ1AbGSv1PetZTjJBYXXtSXT9T8Ny5V2nv5LWR/KwHVradyo9Q8sURz/sGth1aSORCxJkyu9RtDL2YH1IxWH4wtHvrzw3GqLKy6qs7KR92FYZQxH0JQfga21UhFJxuI+Yr6jg/qKxlblVho5qz+HGkad4q/tW2sreJ2t1QlLbZIJVmDCUP3c7sH2UVt65Zf2tompWa8PPayxp8uP3hQnPvyDzVxetP43biNxXPyr1Iwcj8cfpS5m3cor6ddC+022uR0mjWT8Tyf1zVTxDYvqXh3V7WEeZcXFlPbxr/tPGygfjk/lVbQ7O80/+0NMntV8mK4le2u1xsnSSRm2+u9SSPoBWy3MOcHcfvE5ySOMnP0/SiUtQ3MzTZpNU0myvFZs3VtHKGUlSGZAWGRzx0/Cq+n+Gm07UHlTWtWnjUYEF1ciaId+Ff5u/bj9a2Ka1Q5BaxMqx/dlYCNuHZTgqp4LewHGfrWF4WtbuHwvplhq8EX2u3hFtMqPvRhGSkbKfQqq/jmtiP71C/eNVzacoCxqAwLbdw+YKDj5ui8+o7VhaX4PfQ1K2ev6xBCztJIjNby+Y7HLNiWFjv6A4ccBeO534V/eFqWRtxNOM9bCZgeJ47mSy01YDMzpqdo8zQnLGESDcT2HO3OOK25MiRs7N2ST5f3ck5OPx/rRH96kPf61MncSViG6tIr+zurSZWaO5ieGRUfaTGyMrYPqCyVz9v4S1G2J086lFLo8j5dTbObhjnOwMODkjB+ldEyttyPWnBiwGapT0sVa4srBQOcI6/Kqf8BOAvqCFwf8AYNc1f+CoZrvz7e4uPNiuBdw2/mlreKXzUdzGnQGQiRj7k10bU2T/AFf41SlyicTJEd7/AMJI7BpF05bIRpGCMNKZDycdCqKlHjKU/wDCIeIJj/Fpt44PrmJxn8c1pjtVTXtLbXNGvtOE8lst1A8Mk0P39jDDIP8Ae6H6VN/euTaxH4eTyvDmiIOq2FtH+UcZ/pWb4dkLeNvF8iq3lRnTohiPq4jaQ4b1AkHFbGr6nbaHpc9/cRNLaW65EKdJORsiX3ZigP0qt4V0i40qwuHvijane3DXd4Y/u+cwGQP90BV/4DWz2bGiJfCOlx6l/aVvatb374Lz2c80BnOAcyIrhXPOMkZ4HoK1Jt+/58BsdAen4dvpU9R3C7lX61yuV2WiBulQOpdSuFKsCjZcjhgVORkcHPXOasFdpNNboaa3Gzhtc8M6dpGk2unWGnPf6jOPstjZ3l7c3EEBxgyFHlIWNOXJAxkJXTeHdDtfDeiWmmWWPs9smwPxukbOWdiOpZiW/wCBVJJpO7W/7RL7v9EFsE/uIXLOf+BfIP8AgNXHYtDuP8TMfxycj88j8K2nO6sTawNUc3+rpajk+9WA0Mk/1dR1IzbVxULNuNAxG+8KST71SL900ygBlNlbalPamTf6ugCONt0g+lPPQ/NikXGz7uWqLcVfDDFAA3XrmmNS7t2abKyqnNABRTFkTFFAHyH+z2ob4S6L825vNuPw/etxXo0cZ4zXmX7OygfCnTADnbPMP/IhP9a9TVt0v4VUtyELt20L9772KG+61OT7q/SpLFbt89Tr25zUbLuxU6rtxQArU+Ohl3Yp7Ltx9KaBkq09eq/LnmoIm2vU8bbsn3pskmP3jxilTPmf7OKVe9RxrukPy5qQJePMO30qVl3Kp9qbGu0HjHNPXb3XNA0UL7Q7DWkiiv7NLny33xu2VZMg7gHX5lDYAbsQBXPx6Dp2qeLtXtbrT4JT9ksplURhAhLSpgD0CoOvNddI3y7Qdi+lJHaW8dw0yqonkQB3VMO4QkoC/wDdUuxx/tGtY1LaE8mtytq0g0XS7aO2RVg+029uqp0VHlSNj/49WuFUSEktuJKMy5PQkAkDnpjmmNHDdq6SeW8Z4eN496senA+oJz70oh2+WMeURwUHAGOMAdqlvW5SVjOjuNZF+Y3s7FrQN/rFv5Q/l/xMEKEZ/HtWusaqzFQw46sck+hP4YpyLtZxnPFS/wAC0mykJHJwv0rG8XadA+j6tdRxx/bryz/s1Wb70gcsFj/Eu1b0n3RhcnH97Fc7qltrlxrljJbQWr2tuN8BuHyonOQWYKNzBUGQM4yTRHcbOkSJ7ZBEWz5SbS5XIUgEFj7KSR+FZcTTWfiPUYZDN9l1Hy7i0Ux8GZYWSVF9tkcbf8CNXtNS5jidbueO8lycSRxeWNv8PykkjjB59aumJHVGMS7lOdxokyRuY5NzHKRyHIYjGcZB/pWe3hu3uNR+2SG4DmZJpbVZX8h3EYQPIg4+6i8+1a7HdJnIORn5aE6n60lJrYGYlz4amj1K9v8ATb37MmpLGbpJovOVpsFUlX0IXI/AVuW8KwQwQ7mm8lAPm7gIUyw7AjHFS0q9abm3uJKwmn2cOm2cEFtAILeNRGI4fupkYwP5/jWVfaBfXmsf2hYas1qxiFuytCkjJyfmQvwpPQ+oArYb7w+VT9ami+gH0ojJpjZQ0nSRp7SyS3FzdXE21JPPZwmBuxiJflXkmp9K02Kxa+dWZmvLnz32ngHy0jx7cRirLfdOGwc07JK7JDknpSbd7iSscxrmqW/iM/2HZFZrv7fFE8WfmgjR43adj/AoB2hu5YjtXYNIJZC6jajHKoRgqOwqC3j8ligbCnmrCqitw/NS2MevWntTedwyc1I3+q/GpAYu7dw2Kp63p89/b2/khGmgure6i8z7rSRSB1T8QHq9GWXJ/hxU3mCRVI9MU07AG4fMAMKRkAdB7D6dPwpVXaopO1Thdyj6U2wGptzzVmLHaofL4/GrEce0g+1SAwr+8LVEW3E1YWRWcgrmk2hc4GKaAjiG44qWGHy2JpP4qk/hqgGlt2frT4fun61FxuHy5aplz5fIxzQDFO7nHTFHPlplc805fvD6U+Nd2frSJ3OX8W2OpXt5YbNPGqaNG/m3VjHcpC87rzHuLjayg8gZznNa2l65JqkjQT6beadMFLf6VsKnBH8akgemPbPetVhti/Gki/1g+lac+lgtYx/FrG3h029kuY7SLTdTgmkmx1jkZ4HHvlJ3roZFKsynAYHlV7HPP68/jVO+s4NQtJ7W4i82GeNoGG3PDjbj8cj8qZpKzx2ENtc3H2qeNArS4xkfwj8FwPwok+aNhobqtnHqmm3djKSkV1BJbu+5gV3oyhhj0J5+tSeHfti6LapqAj+2xqY5TESVbDEKRn1XaatuNsIFRs/lhW96m+liVuTyLuahY6cvPNK33fvYpFjcbaRf9b+FC/XNKceW396gAbrSjdgf3c1HztXNT/wj6UAxFYLKdtMuJKbu+YLTvL/eD6UEio25RUiVHt2tipV60DQ513DNNjXaD9ae1MagZH9nt47z7W8SrLs8szKmHK5JCl/7uSePc1N9SC38WBwD6D14xSLS0AxP4qfQv3TSK22gSFo27qN26lX734UDYyQbVpG+6PpTj3+tMXrQSEVL6/Wn0N0oAav3vwqN/vGl71Eq7mP1oAdRSsu1h9KJPu00Afw0ypOdv3crTONp2jFMBrfd+7movwxUqru/h3UMu0dNtDAYtLTKNrfeFSBWudGs7q/tb+eJprq3z5Cs7lFPchBxu9/pV2E7lJAIBGTk8k57+lR7i3XrT/8AlkfmxzRe40Rbh0Whl2xfjTm+71zUDUmMVu1Npf4aZSQA9RR/6z8Kkb7v40j9B9KoA/iNVW++anj71C3R/lzQAkn3qik7VN/CvGOKjloAVvuj6VA1Tr/Sq8m7Bx60AFMk+9UnPGaRtu0f3s0AQyNtj/Go2HmKDUu47ipXPNNZdvbFAEMy7VT60yX/AFZ+tTPUO7aaaAYvSiomk+Y0UwPkb9m07PhbaR7t2Lyf8MkHH616gq7Vryz9m9RJ8M4yGcbL2ZfnbJ/hP9a9Wk/1Z5zzSluyEPhX5t1OdtzVFF1+9inL35zzS6Fk8O7a392po8bRtqCFgu75ctUvmFvLBGKAJf4R9aI13NJSFdrGnw/6ymgGwrtH41ah/wBZTP8AgOaO3TFNgWF61MvWoV/h+lSH7y/WpAm/ip7dKiLdR709j5bKPbNADV61Oi7qag8yTO7HFSqu1uuaAH7dtPj+7TlXchNR7drUASdqsL/D9Khj+9T4n2sfrQNE7dKYtSs27H0pf+WJ+tBQkf3acOq/Wmx/6wfSn/Nu4oExzf1qb+79KZHnfgjc/BQDrnkfqStUvD+qJrWkw3yRPB5ocNE/VHR2Rx/30rH8aWvQm9jV/h/Gl27mH0rH1nxHHo9xY2n2a61C5udzJa2u1SI15eQufu4JQD13Gp7TxRYPKYJS9pcCTyka5hMUXnMoOxW+4WXO0r1yM9xVcjtdhc1du38qLb+L602RVZyUGF+hHPQ8duc9OKdGNq0rWAkPf60kf3aT5fmy2OKdHjAwc0mBND3qaLv9abGSA2AAMHcznCbe+T7UkF3DqFut1bSLNBKMpLG+5XAO3IPpkEfhSUQLP8VSVnw3wXVILDDeZNE86spUYRGjV+T/ANdUqG18VaNdXYtf7VsJboERNGbmNSXIGUBb5WYn+Hr09arlDY2Y26ikjXaT9aSUyqrmL5nAOBIu05A4U9sZ29PSvPvA+nXmvLPe/wBs6otmbe1je4t8QCa5AYzMqFSCBlV399mO1XGnzR5gueiS0+PoKztJsZ7GPy5dSuL5AOGuVVnHoNygZ4xz71pK27HGPwxWT0dgJalj+4frUaruapJF2x0gG9qi1LUrXTYkkuriO1j/AOekjYqQL8oNMmht/tkd242TrC0Ql2rkKeSAT34qoq7BkGl6xZ6ws0theQ3QU7C8JyM9cfXmtJlKtycmudgu/tHjy6aHy42tdNSO6dFDlpZpQ8aMR0MaxFsf9NhW3CU+QIcqoAHsMcD8BgfhVShysSJwu5fxqdl2oKr3V1DZW7XE5cRoMnYjsfyTk/Sq9hqtnrVn9psZhcxK5RnjG3awAJUr1U4I4PrSGzRX7opyt822oY23A/MW5/iqnqmny6h5CC8ubW23FZY7SYQyzkj5VEm4FVBzu28kEUEmiq7WPzYp7feHz9q5rTYWsfF9vZWn2hrSPTnlunnuJZUeR5VWFArkkEGKU89iK6OPO8sxYrsBDqSNvyg5OenBH5VUo20C5IXG0IeckEs2cbe49Ko6Lqiao2pokUkT6betZTeZjlgiSZGO22RaTSPEmm+IJLiLTtQgv2twGlWF9xUHIyffINcpBHqt78QPGcFhqcdpHbwWt/DawhCk9zIjIfMB5ZStuoPpgGrjC4jb+IQuJPCd8LMTB2eDzWiBJMImQzDC/N/qhLk9BWNqV9YaLo6xxKup+F7+SO4tf3gmVdknnSRFv+WiEICMfMCW9q63SdeTWNNNxFE1syyPBNC7HdDIjFWAboeRkexFct8StEt4fBmuX1rbW0d+lm8guhbqkrKpBYb+gZhujz/01Fa05JaMg29Phk8OaoNI3PcaffSSf2Y+cmLCOzW7k8lducZ55I7VuzMGjBU5U8r6hTyoP0UgfhWFNotvo0z6peXt9qMmnwO1srbGa3jEW35ABhnKlVDE98dqt6XrSapeXFlJYXGnzWojfybgKN6OXEbAKTgAoyH3Rqzkru6LRc28qfept25jWRr10bNbT/ibf2e8jfw2vnSMCoOEzwCDnI6mrGgy3MtixuZ0uSHIjmS2e23rxgmNvunOeBxxn1rJoZoSfeqjq+sWmiWsM127ZlmEEMUcLSSSSN91EA7nv9Kut/qvxrm9Sklt/iJ4QZy0lpdRX1kiBGfbcMIXQ4H96OOcf8BqoR5nYTNyz1CLUojLHuBDFHRlKlGHBXB6YqPUrySxhQwwfarqaRYoIc7V3YYl3b+EKAD+NVNPkRf7ckihkZDesMohLSbILdHbnp86uMf7NalzNb29uWvZ4rW1d1j8yZvK2h3C8t25Yc+9DjyyEip4d1Q6xbzvJb+TNaXs9lIiuGRmjYqXRzwynj8jVO8n1PT9S0/yb5L1rq9WA2stqgCxkEswdfuFQM7m4Ocdqi0C3TQdYh0a0mabTpbdrhNPcCVrXDx7gj9XSR5WbHYqT3o1ZNRj1bR5Yb+BYp7qWNZJrWR8BrSWTOdwDZ8vr+HatN2M2NQ1T+zhYbGjaW7ujbW3mExb28qSYZI/2YG+7x+tZEN34uttRnWfSdIudPCkwi0unikGOUBLdTg/rS+MptNhtrF9eW6hs7e4WYXtv5gFnKInVZiIySAokY496seC9WbW9Dt7lj5mC8KT8/v0jdkSTnn5lVTz61NuVXEjZt2Zo0LIY2wCYywbYSMkZHXnNT/xU2nLWNtbloc1JQzbVxTVbcp+tMbHUjVHS/w/dzQSNk+9TafD/rOmKWRtvFACxfd/GnfxfhUcTblP1qT+GgCKRuce9LIu3H0py0N0oAYtI1C/e/Ck27s/WgBW/wBV+NMpZBtj/GmDtQA6l/hoao3oGhrUL1pq09aBj2bauKheT93+NSL978KY67smkwGCTcMU2ZdsdKq7TSt/rPwqQZGv3aj/AIqkb7xpsn+r/GgSFbpULdKejfNt3Y4prLtzzmmhkS/e/CkPf60tNbb3qgGrRJ/q/wAaRsdqRf8AW/hQA2l/hom/h+tMkJVg38OcUAMamtT2A3Er0PNMagBjUnf72KfTT978KAIF+8ec1Ev32qYfxfWmd6aAib7xoqNvvGimB8efs3sf+FZhD/BfTDrnrtP9a9WjZdxBbFeSfs3sJvAMg/iGqS/+iYq9WhJyuWxgY/WiW5CJ0UKwwNwz1qWRfvHGKi/hPOeaeq7lFSUiRG3Kv0qzH9w/WqqDb/FirMTfNtznimhgvWrEf3ahb5X2+vNSBdpFMCdKk/i/Co0p/Pmj+7ihgx8ff61PbsFZv72Kijxg7fWnr1qSScMWAzSqu5qZ2+9irA+6Oc0gM/WNYh0QaeZo5HW7vYrPdF1VpN2wn2ypq5JqCRyRxPNGLiViERmwZWHUL9Kra9oqeINCvtOcsHuIyIWQqHSUcoyE/dIbGfXpXKeGrqPxdrFprFyRLe6PpiK0RdkWK5leWKUhV4DE2+fXkV0qHNG40d/C7yEEklcdWOT+NPZQz/LVLTNQt9QtzcwFmXzpYvnGSxSRoyMf8BqG4h1SS+T7LqtvBbn78M1kzEHtyJF/lWMY3dhs1tu1hS/8tVwuTVTT7a8iyLyaC7lzk+XblBj6Fm/nWnGoUHBB57DGPapas7DSujOtdaT/AISWfSLmNo2a1S6ibacSp5wjlXPT5d0Z/wCBVbXU4DqzWO9ftvlLLJCrA4BJ549cVg+NGXSv7N8QMAsWlzE3bPu2m1kGyTp3RvKl/wC2VSLP/Y0ni7UrmFgsMxkJVSd4js4379t24/ia25eaN0RzWdjpMiSRmA/dhtxXb1IHAz+NUbnxBp9rdRQSXsaXbPtaFpkzlv4cHmqUHiNNguJYJUsRKttJd4QqrGNGyyHnb80YB9QaPE9nFb6HcXK2MUzxSxXsu6FXBMUiO+VPUsI249hUKnyv3inI3i3mTBl+UKeV+bgEFc8ehx+dcvaeMbLR/EWv6fdJcWyx3cdytx5LfZ7VJoo8iSUfNHukEh9DurobOztbdUFpG0VtJjYqqEG3A2YUfdwMDHtWXarHa+PtUtp4BPFeaVb3UiyIzBzFPKjoQOxS4H5VpTtdonlvqSXzX1r4sivYdMbUIHsvs0AhVCUm80MA3dEYEEueoQDtVW1uE0G41uz1Vnvra5jXU8xw+Y0nmbUlXanzEKVRgOmHz3q54OU6Xaz6FLOLmbTFjWN1csstvIuYCuegUApj/Yq/e6SbjW9KviqukCSxXEXd4pIcsPwYKarn1t0JlHQp+FRLHeXsKW93ZaOrKLf7bEYpDy3mhEPIjzsIz3LV0bTTCCVo+ZkUE4kVDnHKgnuTmljVZGJaSQHcwLbsbc5z/wCPbayfDsst94Z09ppZluntkWWWNju34wWBKkZyOntWcnzajUbIjsdU1G41CCDUdDFnbz5KTQXQuDCV5zKB93Oetb1qu/nBXj+I5PXue9ZelWN7aee1xqsupREfI80CRunbBdAAenfmtOH/AFnI2nuuPu+3v/8AXrN6FIxPiU0tv8O9caIx7jHGMSN1BmjDLj3Un8q0l02303xUslmy29rfxtAIIxhHkiG+JlP8B2KVZu4VR2o8QaL/AMJFoN9pqtseYKVc7iqurB03AdiVNNSHVNSvFnu/stoY1leP7JJI8i3EkTKHHYAB249zW6loT1LGoKF1rQGY4H2iW2dsY2xyQOzfgfJj/Cq/ijztQv8AStGQiOFpUvr5i4UxW8LpuAzx8zEZ+lak+n2eoLbLcR/aI7R1uIWPXeg3Kx9zjNWL3RbHVii39laai0Z2R/aLVJihJzkZ5HKms+ezHuUru8mutLuJ9Ha01CVsrHGZkaNjg7gH+6hHX1O36VQ8P3BfxJrhgtL2xtJWV5Vurcxr9p3OsrRN33II244+aukhVEXCIqL1wi7R+A7U2P7zVnz20GlYfuDbcLtIUA4HB44PvxipY/8AWfhUKkq5O3K0nmCTJAxzis7a3GXo+h+tDfeFRr90U7+GqQD3z8v93NNvLWK6Uo0EdwCuRFMMxu3G3cPQNtxSxfd/GhvvCrW4M4nwTptjoNjaaVBaajb3M6A3cX2VjAZmALyAn5F5XGeuFHtXXWd082qTW5VUTyILhZWB6O8q9e/+r6jirLd8Ng4psdmI7t7pi7PPHHE+fubULkfjmQ1pKV9RIZeNelo5LX7JLC4DOtwzICT3Vgeo9MVJayX8lwTdxQj5cGeKYl39+QM+n4VZX+EHqoCn8Bins3aobGxV6VieLGgtdN+0y+c06ssdpHFey2+64ZgIx8jDqc9fStuNdrVHdafbalbtHd2sF3Crb1S4hEq7x935TxRF2abIZz3hW3HhW1+yNrcd5qeoFbiVbyZJZFumhVTllYttGwAZHUGqnhbXrxrW2F9dzm+upWs7ywudnn2VxtJQx4AOxlUnnnk11NnptppsZW0sobRG+YxwRLGu49Thae2m2z3EV1LaxG5A2rMIUaULk8AnnGSfzNbe0V2Taxz9rp6r46jtpVWaK30WBYvMziN4rlkXy892WYg/St6HS0tteutWSQqby1ht5FX7qiNpGjb8BJirMhyxwzLz/EMGpdrMq7TuPpWftNRrUx9MYrr/AIjtMKqBredIV/hLxuj/AJiIH8av6xo41zR9RsXl2RXlvNZs23OPMyoP4bs/jVpLeHzHk8sw8YlZPvMOw/OrEKleqhM87R/Ws29blWIudwL7idpJXYCG4yDg8e+e2a5TQbPUbjXLjV9V077LcTW/2UfvUcW0Icsqpt+8zksS3oQO1dc/3jR/DVc10A0ks24qxLEsSSecknjPT0/A0rfeHydqRaVetSAsn+r6YrP1fR7DXrL7HqVnBf2xO8QzwrIN4+6cGtTbuprDbRewFPT7OLToYrW2hS3tYV2pHGoUL3PA6ck1c5/5ZhiTkjbgdBzknjoelNanR/do5gIbHTrPTlcWltDaQv8AvZHhjVMt6nb1Pv8ASopLG1kvor2SGNr+NfLW6CIJUDZOA55xz0+tW2prdDRcB6cIMKyr0CsOR/jS05du1ctjikbHY5pMaFj+9TlXqfemrSNSQ2PaSk3bqRaG+7+NUJC0x6k/hpqt1FAyGP8A1n4U5+n40m3aT9aKAJEb5QN2KVV2y9c8Ukf3aX+KgAb71OalbpUEn3V+tJgSN0qLav3jSt1pKSANwbpQ3SkbtTpv9WKoGRfw1HT6X+GgSGL978KVe/1qORfl3DrTgzMBv60mMlj+9TH+8aFpe9SBG1RvTu5+tMloAik/1f40ifdqX0+lI3SmgIZsY+7lqOdo3DFL2pZuq/SqAjX7pqNqkprfeFAEbdKjXrVh6i/hoAHqFfvfhTpP9X+NM/h+9igBkn9aP4aRv9Wec81HJ/q6AHfw1G3ShV4J9qN25R9KAK7NtYU9m3CkbpTV+6aAG0UUUAfGH7M6tJ4AvmdsEanKFb/tlBxXrY75GG3Nn3OTzXkv7Mv/ACT28/7Csv8A6Jhr19PuCqluRDYE2bBn72akj/i+tMbpTYV3O30pIstI3O2pwu0iqirtUfe6/wANWx/qx1696bAk27qVSUbG3K01F+cN7U7duakgJ0YN90Yp8jDbjdhqYvb61MPvGmwFjjK4LFT/AL1S7tzDp+FJt3UsY2yfhUgSL978KkikZcqGwM5qJW2yfhUitubNFrgWOV+ct86/dzjBP86qafo9tor3UtnEls11N9om2sQvm7Rljn/ZU/lVqP71C/6401K2gGf4b006LYSWIVFgiurloGQ5DxvM8in/AMf/AEqxqmg22qlZZnuYpFXaGt7yWHcMgkEIwGOevWrRbaCKdbyblI25puTWwFfTtNh09pBD9oEW5tguJ3mIGf4S5JxnPH1rQj37ly2Aagjh+ZmxirCx7o1b04qNWNEl3awXlrLBOpkt5o3ilXdxIrIylfY/NkGqXhvQ7bwzpaWEUkl5DGzsWuizu+7cx3FeW+T5M9hitNG+UCnbdtVGbtZE7s5Kx+H/ANlZbJtRLaMoCG2ltU+0GJf9XC0w5dUHAJ5wAO1dltRYUHIGcKCDgADAAz2qPbuTPvT/AC+F+tDm5odhGYcqGxzUq26eYJCse7GzzW689v8APrUbLtLfNipP4E5zxULQBv2GH7SbnYq3LrsEo++yqc7R7cn86trjaMcHqR6GmN91al7D5scVVwGv90FtxAPC9uoP8wtJawxWkZSFFRGdnIX+8zFn/wDHi1Pj/wBZ1zxSv96gCSNty05f9b+FQrUkf3aTAmXvUsff5c1CjbalaT5fu5pIB1t/rDxirdVVk6cYq1G25TTYDXqJc5Py5XFOi/i+tNC/K5HXNSBYXZ5Y4xTfLDfMPXFIsjNGA3XFThdsafSgCYfdH0oZdy5qRfuimy0ASRrtWlakj+7Tu9NAJ/D+NSL9yoo/un/eqy3+qHy5qgIU++Knk6j6VVm7cY4qVf4fpQBKv3TT4VGC27DVHu2tViMeYQfegGRKxYHJzzVpPuj5c8VEy7RJ9aRf9UtAkB+8eMU5FPX+GlX7w+XPFEf+tPGKBku4N92nQ/6ymj7ppq9aTAlkqNakb/VfjTR2qQHR/dp69aRc7vvYWnSYyMHPFNAK9Rbtq4pW6VDJ92qBi7tzVL/D+NQB9rL9KnkbdHQSSL9yopPu02P/AFg+lPPegaEHb6U9qh/4DmlX6YpMZPH3qPufrSpU38NSBHH96mt9+n0UAL/DTP4aX+KlemgI1prfeFDfd/GnL90VQD1okX93u96T+H8aG7fSgBvmfLUatuNSN0qNd27igCRulJH3ped3PpTdu7P1oAF+631ptLINsf401V3CgBaY/wDu5p6ja34U3+I0gIv4emOacv3h9KYn3nqT+AfSpAb6/Wl/hpv8P41LH/SgCNfumopv9XVhu9V5v9XTQMYvSmyfdpy9KGbauKoSI27fSk/4Fil3blNR96Bit9c1DL978KTufrTl60AIv3TTf4akk+9UbUmBE6/KT7Uhbci/SluPur9ajpICGWkb/UipXqL+GqAhk7U/sPpTWpGbauKAJF285qu+NxxT2bdj6U1m+XG7FADaKj8r/booA+NP2Y2LfD7UM/8AQVk/9Ew17FH3rx39l/P/AAgep5/6Csn/AKJhr11etXL4gj8Im/bKasht2KiP3l+tSj7x+XNJgTp1/i/CpOdw+Ulcd6iVflJxirCtuRfpUgPXGOBinR/6z8KZ/B93PNTR/wCr6YoAdH/rG+lTx7dvLYqpt4zU+7dj6UASnG5cFjz2qZP9cev41FH96nxr8xagCXbupVG002GT5jT423MaaAmWnpUUP+sb5scVYj/1Y5zzUMBSu5vwqONdpP1q233R9KgahAHO77uVqdcbTtOz2qGP+L6VN/AtNgWF/wBWvOeKSHPmn5sLimn+H6U/jcvrmpGiZsbRtOanC7lH0qFXKyc1bVtwoKIGj+YU8KFI+XLUTM6rwuVpqtuUcYoEyfnuMUq0xm2sv0qdG3R/jTRIkatu3CnrmRWJ9cU6P/WD6U9c+Yv92mwIo4+asKu0U6PHmvilP3hUgMb7v409fuihvvCn0AR7trVOrblpq7e65pGxuGBigByLuqdY/m+9jioe1WY/uj6UANhXbIRnNTr3qsv3j8ueatRttjxjFACr1qWoVbdUsf3D9aAJoe9I67mNMj+7T4/9Z+FNAEY2yfhUo+61QzfeqjrN5dxi2tLAiK7uFc/aWGRbRrt3y4/iYBsL6FyarcGLqniC30+4hsvKmvr2RVlSytFDSMoLD5t3yqpOMHqSCKn0HVItc0211GBpGhuFYjzlKyBldkdWX+Eh1cYHHAPeiw0Wy0iyktrVPKkkLPO8nzFpACqu7dyDtH1rMs7e68N6lrEa6ZdT2V5eSXkU0E6M0TSYMiMh5GH3vu/6ae1bckWvMk6Nvu/jUsfQVmWK3011qEl2kUUW8fZbdeWWPau5jJ6n0rVhfbxljx1YdfT68VjLTQaHt0pv/LE/WjduzRUDEHapKbhdrsxwANp5A6+54qCz1O0vty2t3a3bL8rJbzK7oR6qvegCwv8ArfwpWba9Ki7Vx1Pc56/4UrdKaBj1bcKKoajbyXWn3MUMz287RkRyR9d2QQPxxUWk6kNW0mwvhx9qt4pyp6qzICQfxJP40+XS4karf6r8aE+7VeOTdkY2hfmLbc/h+W6svwuob+2pSu2RdWuIemMrGwjQ/wDfKLRy+7zDNxqRulSNja3mLlcEnC5bAwfyyq5rL8L6lLr3hfRtVmCCa/sbe7fyxhN0kSsdvtkn8c03HS4kW1X5s7c1Mrbm+52pJn8lQ3y/KGbn/dNcHcabazeJPFq3NvcX9uNTs3ubO1gMvmRix3AY6csR+VaQp8wNneKvzlsYp8bbt31rgIZ9KsfEehtZ6TNod/cSslxNNprWyXEHksTvK8EJMYcZ5rvVBG4nPLE8rjv1HqD1z706lP2bsCZFJ94/WpD/AA/SnO21SVTc4B+8SAeOBkMNufWsXT9Yu5lSO90e60mf+67xTxHB670JPALHB55+lZWb0Q2XtX1a10W3ilufMbzplt44Y4HmeeQgssaKnLEhXY+gTNXrXUIdQtYbm2m+0W0yCSKXHLqeQT3zz3+lcT4Umubnx54okuF8uPS5RbRRc8NcKrFufRIID+Nbel3y6TqWuWJjd4oL4SbohuKrPGkpJX0DyO2f9qtZU1FEm3JcRpNAhl8uaV9kX1wSf5VnnXbFNZttLlukj1G7jM0NqGw8yAZY/T/CquusF1rwysm6P/TplUq+B/x6XB6ds9fxrFjmGofFmSKNfl0i2jjd2bIEnkNsD+zC+cD3BpxpX1Ycx0usav8A2PYtdtFNNDHhp/IOWjTIG8+yhhmtDbt43I4ySGj+6Rngj6jB/E1GrBJyYwA0edsb9Oc8fkQB9KwPDULaDc3WhhpWsY4Df2TN1ihMhEkTe6P8/wBJBWaipKwXOgk+9Sr900s3+sY/xMTu92yQT+JFRPu2jYV3Z+62OfzYCotrYvoSwrzuoLbiayJtZ1QFoovD+pSNuIWQTW0S8jsTKDzirdndTX1nFPLaSWMrH57eVlYoRxjKswPT1qnHQEy03Skj70cBsv8AMvQqc7SDwRxzkjOPpXD2Ec+panp1hrSpeWNvr1+sv2tWPnSbGubYPu7iO4yP+uVXSXOQdru2qw96e2JFVTksRgIzfK3IG3HqSV/KsfQrf+z0vdPLf6PBMzWseMeTCx3CL/gJLL+FahyrZJ2hiB7kHgge/IqWvesFylZ6sNUvdSEGHtbWZrVbgs28zLjzAEHUAkjPsfSqmralf/2rZ6Zpa2aTyQz3T3N8skiJChiRvkX5iS0q57Dg1geD/FWnQ6d9n85pZvt159pmS0klihlkupWRZXClVOCOvPIrptW0M3lxpt5HiK/0+Vnt9wTa6vG8csT8DcjbkPttrXk5XqIdoupTXgnt76H7Pqdp5a3UUL74nLxkq8fcIWVhk9wR2rG0u617U7OXUrS5tWKzTwRaS0GFbyp2jZTMOjkI+3dwSDWbb61qC+LLqWTSxFa3M0enGf7chlQwiWR5gn8alpx+GB2q34k/tDQE8RXNkB/Zd/E8rwMy/wCj3pIhYxgc4fC5X6nvWsaavZEnQ6bqkGt6TZajahhbXkMdxEHXawV1DAEDgEZxxxxVr0+lZnhy3extzodwI/M0+KCCQxZCklT0B6cqRj2rQMcnG772Bn8s1y1I8smaIdTl70xVK9acvWshjV/i+XPNMk+mKsOvG6qzNuoAbH92kk+8vy5pI/8AWfhSv3+XNNAMbvxjmoWXdTm69MUyT7v3sU2AuNq0z+GnenOaRulJAJH92myfeoWiRtsf402A1vu/exUDdeual3bsUyVfkzuxSQDKa67hml8zdHjOaft2r93NUNFUrtzUVWuzfJ2qBvujjHFA2RM3QVJJCPLDbctUO1t24VPGzt/DmmiRitJt4SimNv3H5KKYHxT+y6w/4QrWE7tqjt/5Chr2SbOTu9K8T/ZbkC+F9aXG5vtw5/4Ate2NnjJ2cDj8BRLcmOxJz5cf92pmxu+WmD7o5zSjqv1pIol3cbduamZdqjjFQltv51N5m4Ae1NgHzbf9nFWI2HlqF9KrMu1fvYqWH7w5zxUgTqu01OlRx/dP1p8H36ALC0Mv7tmptFNAOhk3Ko254qcLtxxioUq1C3BFNgH8VTKdqkgFiOy9agVSrcAk54C8k+vHt61gX+nR6t4iEOplZdMjhBtLYSZgmLMwlmkxzIy4jVY+g3E/xUopN2YM6Fb5LqNmSSOTa20+X2PoffmlVvmBrmrvw0mlXVteaHp8dtcRvi4tbeNY0uoAD5kJCfebdghTzlDWpp+sS30wENleQ2ohDC6vYmiaSbjAEbdR9/5vXPpVSioq6JubbN5ke704pY23AVFC26QsF2oSdgz/AA5OPpUy9agaJ1p0bbZD9KjdsR4JwN6nPHAAOffniobO4S6uLmMNme3cRTR8/u32KwXn/ZZT+NJ6lIvR/NIjVO0m5iNzDn+Gq6x7cnbnmn+Z8q8Y+aptYoft2t1J+tFxcRWlrPcTOIooUMkkjsoRUH3mOfTj86e3zEtuxxVDXNLOveH9SsBO0Ju7WW2EyrkxF0YBvp61UdxM0YbhLy3W4idZIpVDo0ZBUqRwRjsRz+NSqNwRfbNc74Ha4Xwrp1nKixy6crabLGgwitbsYfl9iIw31Y10DXUNnDPPcS+Rbw/vJJNjNhQCWPHpgfnVSi07IksxzKrqpqRs+Zw2FzXN6b4vg1a5t0Wyu7cXUMktvLc2xWOdAEYlc98OD+NdJHjnBEvON3fjgZ98AUuVrcCRsc7Tnmpuw+lRfLuGRinNjjFAEirup2Nq1Bv8vLcAqCQzYxnaTnlgOMfrWDd+JLy5kaw0e3jTVFa7yt4vyhbeSMMQUJGXZ49vfINVGPM7Bex0H8VP/iqvY30epW9rdxBVjuIUmRQxJVWAZQc9wCKo+II76SON7XVF0iOFJJGuJdvl78oED5/hwXz9aEtbBzGx/FU0a7mzWBa+IP8AiiU1+WKO38uwbUGidwiqAhfOR6rlh7MK3Vk861D2x2GWIGFuSvzDKclSDhcGly6hcULtZvpUqtt2/SuU0DXGutcgsLPWE8R24SU3E6RhRbMoGE8xQEOWyNp+bv0Irqt6uqd+BtPPPHp25yOOOKJR5Rol3bmFSDqv1qFd247vWpfm4/u5rMbJGXv70+RtwH0qHjcdvrUn8VBIkfzEBsFOQVZcjGCT/IVkXWtanPfXdvp2nxN9hkWGaW7uDCVYxo52dh8rpz7+1bis25cFVI4BPqf/ANVUr+4ezYzR6dLKGZTI8EkQUNuA3uHYcBQ2Metax1FLYPD+tJrVvMTB9iuraU29zZSMGMMgAbG4feyrK2f9qtdun3Qv0rlPA102sSaz4jNu0Fvqt1G9tHukB8mGGOJX6kZbaenGMVPrOuajpK29zcSadbQTX0FpHbyLL5jrJII8B1Od/UkY6EetW43Yuhv1T1C8uLNVaGz+1Ljna6Kw5Hc81d4845YO2eCoGOnbgZ/Hmqd1ppvboO9xcRqn8EMpQH3bHOKjZ2Ams9SjvpJf3U0Lx/62GZNp2sxAI9RkHmrq/KxUtuJ/Ttis+102G1mkkilnfeMGOe6Z0+q7u9aCZCoDngY561LGjJ8XeH4vEGnW0EzgRW17b3rQllCT+XIGCOD94HHA9c1m/EDTdJj0C8murJWvY42SykiQRyJctG3lbCOhDYGPQD1rqprODUI2tbqMS28wMckbEbWDDG0g9c9PavONDc2NyLy7stav7tSTFpqWE9xFpi7iSsUjcNuVlJI47dq2pq6IZ6HZeb9ltluDuuhBH9obOSZtg8znv8+6qV54mtbTVtO02WURzXcwiTzDsXkN0ZvlY/L93r+dV9WvTa3GiKwkjF1f+QWAx8htp5GDDtjy4xj2o8QaM+rNpYlihnjt9SSe5gnG4Sx+VMjbF9mlXmpUVzaldDbZmhCMyldpDszR5zjkkgcD5Qeled+GbU6H4TvtUtpZTPpGpX0WJZneGS1huJYiuwcABY1I9ya762thb2ZhEZUbWVufmGFPA9DuxxVHRdOOnyask+yWC8v5ruNY/vFZkJYN7+ax/StISVmkI01RV3Misqb227jyVycH24A/KqGhSeZHrA/556rcD82Df+zVJ4ftZIfDOkwzI5aGyt4plfrGwhXP6g1Donlre69GQvmJqXJMmM5t4Gzj/gVT0YkJrvn60q6DbJJGb8hJ7xUwsFvyJBv/ANs7Bj2rP8I6hfW/w98GtZWC3sraPYkh5hCi/wCjR87upNdXA/kyRSlUfaynY33JAGBZT9V3YrO0fTItF0u0sIJZZre2UxxNN94IGO1foBgfhU83u2EtxtjeX01wRfactqgBbzEuDKC3bg9frWbqnhsa5darbXO6KxvrG0DXULJ5qzxTTuxXPK4Vo/zromXdipdu0D6VMZ2dy+U5fSdUmfxFf3Gp2WoHUJZ5LWKY2kkcEVqjl8+cPlwSqlj3yB2rWTUnbxFd6aQdltawTTSEhCJJXlUDA6DMRI9iK0P4vwqlHp6x6xLfwzPBcSwCCTD5RwrM0ZZPVN0m0+shqpT53caVi2d3kxhuuBznP1/WlX5mCjczfeC9jwR+gLUDarbQmwAfKM87eoB9CAcfhUbZ381j1GzE/s1tJ8VX2rQ2kl1ZajAn2uC2CljJEMJIQfvboyq+2zNaWhwXPkT3V/Csd1dSmYopBKrgLGCR1IRV/lV9N3ZsVJzu5OeK05tLE8pma9p9zqUVjJp0sdrqVneRXVtLPGZItykqyuvTlZDj6Vn+H9Du/D0mqXE9yt/LfvFcSzeWUO5YliK4X+ERxx4/Gui7H60xm+XbVKq7WDlMPwja3Nr/AG+LmF4d+rzvGHzgoQmCue3X9aXxR5lhf6FrESRyfY75IZVZcnyZ2WBv1da29u3FZmuaTJrgsbTzBHa/bIZ7n725o428wIuPVlXP0qVKzuJo0OO2R3IxjBPJ/U05aSJiy5ZVDFFLbM7c4GcZ9DkfhTF7VLetykMvrOW+hKR3stl3LxLGWH0L/dPvTre3+y26x5lcgcyzMWeT/aJ7/hxxUrNtXFJG27PzYouMheZY8q4JQ4yF6kdD+WRWHq2k3UOoPe2dlHqcV2FW8t1m8lhJFuENxE/Z8Mwb/ZVa3vXnPNKvWqjLldwZk+Hba7tbee51Rof7QunWRltSzRxIqhUiVh94YAYt6ufSrtuZ/JZbny0lBfBi3ZC4J5zxkEr+dWpsY/2qTnjNTKV9UTynLv4d1TTYdT0vT5bVtL1CWe5Wa7Zmez84l5oxGowxLSFlJOQXaupd0B38sCx27mLgjcME4fO7IXP/ANamt937uaD1HGOKqU3JDSsUbXQdO0uWWa3gEckrsxkMjO7MzFnUbicDeW49zT7+xh1KzlsrqIeRMm1tshRlAIOSw5XBC4NXWqN/93NZqT6DKem6TbaPZyJbeYxmlaaaaaRpJJZDwzMzdTxjPoBVv+GmL9MUrfd+7mm5N7gItG351NIrbVIxjmmbt1SArNuZvrTf4vwo/i/Com/1n3c0AP3bc/Whm3Kv1o/DFI1AEMi/fNOVt0Y+lPpG6UXAhZugp0i7QPpSUjUARfxfhSdj9akbpUVNANo27qVl77c0m7d2xVAIw2ioqJ224FJu3LQNDJ13L97FRbdq9c1I33fxpk33RQNkP8VOakkbbj6UxvmXduxQSPoqt53+3RQB8RfsrtnQNcX/AKe4j9zHb+//AEr3NW3IvsMdP85rwr9lWbGn+Io9ucT2rfnvH9K90VfLjRcYwBVS+IzhsOVuSvtUqrtC/ShvurU4/hqTQjapYF6tUQ++31qWgBGk+f7uanjbd2xUcP8ArKmXrTQFiH/WU/a27cKrt2qcfdH0pgTbh95uvSpYgNvHc5qulTL1oYE8a7mzTo12lvmxSRUjffqGDJpGKxht6khW257fKSc+xxXL+F7WPRfEmqaOZZJoZVOqwh85j3zOJVXttXbG31c10y/NxWLrmkSNLZapZmVdV0yUzW6orOtwpA8yJlHqEGDWtNptRZDG+DdQvtVsp7u8mWeKS5lFqy4/1SuU5x33q5/Gt1l3NXN+BLRv+EDs44DNZyt56+XLG2+3bz5MAjqCOcUn2NNN1zRtO028vpLy4lNxfXNzcyy4gjBL+ap4AdiFH+7VON27CR17SLa20krsIljXeZWBKrj2HOaq6X4l0zXcpaXa3Usf312Mr+u4bu3P6Gp7iVpLeSGHyXugBmOQbo4iwyS6+mc4qvZ6Zc/aGvL67hupwnkLttfLxGSC4HtkLzWWysWjW2+auAuS2Ao/vKeo/HH6VgFRpPjwTMxRNZtBF5rfde9gcun4mN9n/AK3l3MSzLtLEt+ZOf1zUGraeNUsjEjGK4R0kimTG5JFO5OvGCVNVBpPUJbGN4ekj1TWtf1YSSyJHcf2XbK/3Io4D1/76Zh+FdRGNyr8u3afuj8+PzrE8G6W+keHIIbhEt7pnlnn+7uMkkzOX+X/AGXNT+Gsta3kjblke/ut0Tf8swJ3VB+KKrf8Como2uCMfxJr1vp3i7w/JdrcLamSaGaaSKRkCGJm2DHykMyKWB5AQHvXa2rLdWaulws0WGHnIw2uDlS4YdRu/nVK4sRdXOnzbsSWlx9oj+XPPlSRn/0ZV6GRflR2xztD4xweopStyxsM4+G71uHxL4ni02K0n0yynjn+wvG8UzSSwI5VXHAwVlbPfcRXQzapY6l4fW/JMVhPGkxkMB8wRn5shRzkEVmv9o034gzFYc2uqaarvJu63MLyArj3ilX8q0vDtgdPjntymyCO/uPI+XH7lnZ1P/kQj8K1fK0n1I6nOL4hsPEHxC0gLI1vcabZTskd4jW8kkszxEIit98rHFv/AO2ld4hEeFDHAwAcYBAGAQO3AHFcPcQ39rrGsR6fYOuoahqEUy3EsT/Z1hRbdSzOOMkK4x7e9a3iTldGlMbtDDqtrJKwXbshL+Xn34kj5omk9hxOo84ruZDl9vU5wPfjn61ydjqbya6Fk8SG5XcVNlFpskdu5P8ACspQ5x9a6oRsuyNnJkXhie56ZqRi3IY5I4rLm5SmPVjuiYbQvHzLnC4YDdz6ZrjNPtpdJ+KU86rJINSsybeNX2gHbAs3+9gQxNj/AG665V/d7veq+oaPYa79nj1G3S6gikEgSTorAEBv1/Srpy5dyHqJ4buo/wCw4Z4QwtG3S2+0ZzCzsYjjt+7KcVdg1KOTVLK2iaRbm83+SrDbvwMMq+/zLn2xUrYjjjhAwI0VOOnAxx+FVLnT7a+geC7tkuoW+YxSwrIpx7GpclzXRXLoZnhFIml17T4y8un2+oyqqB1ZVSSFHlVSeyyyk/8AAjV3wXaT2PhnRrKeJrWa0s4rMrxlTCgjzx2O3P41bs7GLTbeO3ghS3hUZSKNQoUHnGB0q4Pu/jTlNvYFE5q40+KHWbkaRqo0fVDF9rlhJD28yHcplljf5TkhVLdRtFbPhzWn8SaP9r8s28sdxNBPBuD+XKrkMAw4YE/MCOzAdqm1XRrDWIUS+sIL1V5HnwrKB+Bq3DBHbW6RRIkcaDCpGoUAemB0onJNDtYfH/rqtbdyk1Uj+993NXF6dMVigGRrtP3sVK3bnNRyKGRv72Kj2lY1zTYE/as/xRocviLSPsUd4tlG7Azs0Ql8yIcsmw8cnbk1fVf3W6plbdinGXK7gzO07TdTs5oBdast3COJLaOyiSNgABtXHOAQfxzT/EOhxeIG0wvdXNlLYztLG8BVeHjeNgQfZgK0JO1KzbWX6U229SQZQr4ClO21iCR6Zx7Yp23vSM26kb/VfjSGiRW3ZpsMvlyEe9In3aNu5qBkrPv596l7D6VBt2sKkXrQAH/WL8uakmbbxjFI7bRimRyBgw3YakA/duxSU+NSqjJzQ9SAsK7vvDMYOSD0JwQB+tYtrM1n4z1CC4dBHqdvDdRMnQSRZSVP++RCfxrYh/i+lTFUZAx+8ozWsQG8lgScknn2PQ/rmk/ib601ZNzZ9eaN27NZAPVvm21Jt2sKiRttTNINv+1TQCS06Pp+FQ+Ycc+tSyNuiFMBnc/Wmt94U5elLH/rPwqQEVf3m72qTduB+tI3eo1oAetL2qP+Kn/xUAPm+6v0o/gP0pW/1X41G3amgEXqPpSev1orJ1+8nRrKxspVhvLyXmbvBCmC8v1BKgf75qrXA1qRqasbNsbYvmsQrdQpYnBORzkHOR65qhoOuWPiLS477TZZJ7NpJY0kkjZNxSRkYjd1GVPPtStfUC81J/EvzY5p+3dQP3RBA3MSAB6gHOPxIX8qSAVvvHnNCk4KqSrNwNvU+1Y+i6x/bFzrIVf9HsdQaxik/wCegSOMOfwcuv8AwGr+oX0mlw+fBZPfXAZfKgiIUu5ZVGWb5VAz9arka0YmzKufFK3E1xa6RaSavPDJ5MxVhBbwMQMq03XdjGV9CPWs+/1LXdOutCmuZbeO3u9RWxlsbaNWWKJ4pPnMrckhlHTjmks73VPCsOhwahDZvZXV3FpwggeR5o3k3ENuHysVZGya6DXdJh1jT5Le4LBWYSBousUisJFkXIIyCpPI71vpT0YrluTdu+Y5OSD8uOQSD9cnJz70yqWn6a+nNIZtQvtSlZ2Ytesg7/7CqO2eRnnrV/ndy27j1zj2rmmrPQaG7u1Iy7ao6xrVnoNuk98wWOWVYI1EZaSV2PCIF+Ziep7Dbmnx6klxctZTK0N4q73gmxkrkgMD3BxnnnkjtRyaXGWD978KjjTzG2nIViQ21iCRwe3OQA2PTJpGK8AAMgZW2r2xuxVCz1hb3VdXsNvnmySHzi2OTIkh8te+fkXPtinGLk7oDJ00694g0uy1WHUbHSUu4luY4DbSXJiVuVPmGRd37s7icdWI7Vo6HqV1eW15BdeWt1YXTWsjw58uT5FdXUFmwCjpxnrmodJ8QfbNev8AT44Qlrag+VNuO2bYwilAB7KzEfUGkXTdUh1C6EV3DHZzXbXXmIjNcvwPkKn5ASAPm64A9BW2lrEX1L7akkeo2ts/mPLcMwiVMYYqpc578bagXUJrPV7ayuYN0V0ALWe3clZ5QobyWU/ckKglT/GFcfw1n+PtT/sHQTrCRyPLpt5a3WIVMrBPOVJnA/uLFJIGI4rV17Q7bXLOXT5iI0Yr5UkfDROP9XKg7AEKfo1TZdR3LbMW5LB8/MGB6gnIP5EYHYYFNbpVDw7rN1rWlrJeFDqMEht71Y+gnXhj+PDf8CrQbq31rPlcWX0I1bbSs24VGy7qAhGNrDezABd2Dxk4+h5z9KpCGNTHbb/DmsNfEKai1imiyWeovPHLcrJ5zCCOFX2NISOgDBlz6qavaXqo1SKZXtRbXVrK1vNbSA5Vhg5Vj95SpUg+/tSlFpXYXLSydeMUyNtzGsH4jXElr4L1eVHUTCJFQN2LSog/9DNM8TGeTxd4WWFm8pru4kdYZMGQCApjHszsfxq4U+YGb7KfMztytOZg3QYrnPFSy3k2kaUs0ifarh5rqSL/AFnkRFWKD/eLKD9K27++j021ur2eISQ2qPcSRjoqpl2X8WCD8KHT6CUiWRtq4prfvMH2riPB0dzo/iTU0u5POm1a1g1Yzf3GOY3T8Ai12X3cr/dO3/D9KUo8mg7hINrUyT/V/jUlMm/1dSAxelFC9KKAPhT9lFiqeJ8rld9jj65nr3eOQeUmBg7V3fXAr5+/ZU/4/vEmN33bPdj03TV9Cf8ALJMZ24GN3piql8Qo/CTLJuUj2qaFdsYquvape33c1IyZfvfexTf4uuali++OMcUr/eoAF296kiYb9opsbDG3dhqmt4yrMSc8UALt25pw+7+NSK27FOemgF7D6VLD0/GoIf4vpU6tt2/SmwLS/dNCVGG3YqVW2tUMaJNu6mSfKc/N/wABqTdupG6UkNiLNujPXr3rJvfDljrF2lzcNdwSKPKL2t1LCJEyWKSbeCo6jvya14vu/jUyqNpP8VWpOOpD1Ken2UFm7LFCkMp+ZpNxZ3zyCSepxj8q1o23KPlZfXd396qwsWk5qeOod3qWlZE7UqttpP4aatIGTxucjJIQ9Sq5I9DTbSFIZJAscaOzbpGjGN7f3j74x+VNSrEf3qCRX6fjT4vvj6VXk+aTFPSHawoGiz/jVj+FKZAu1gPanSUFCTfdP1pFXco+tMWpI2Zem3/gVF7CLMcZVgd2FxTmZG3Yf5sVDJcx20LzTNHCiKS8jPtUKOuT7Vzi+NI5reK7hsrq40CSeOE6nJsCHfKkasiHkqWYDd7H0rTl5kSdLHlsBjmp1i8sg1Xjkbbs5V8lWAPAYcufblTVi1uEu1SaIq0TjcrL3yc5/Ola2gD2XzMN6cU8q25GHanq23Py5qrIzMxwMUASli0jZ9akXdu4qtDnzOamR9r0AWVzjmnL978Kcjbj+FQXl1BYW81zeSrBZrtEjtnAy6qOnP8AFRa+gEq/eP1qxG21a5Cz+KXhXUtShsINetXu5CqZIlVFZ1yoZjxzjgV0t9dS2di88NpNcyMYxDbCRVaQkqT8x6Ddg5qpU3EC7vBRhuw1PVSoXJzxWbouoLrWmi4AUuk01tKjEOUkjkaJwSPvfNGfm/wqlFcS6X4utbZp7iaDUreWSFZ5N8cU0LRn5PTcrkY9qSjcDof+Ww+lKsm2TbuxxmoT2Izt2rtz124GAfwwPwoT7w+bFTs7Ayd+nXPNOX7opG7c5p9v81xHGw3CR1XrjvnHPHJC+5xVLchkUk0dvteV0jXON0h2j/vr+lTbmb5jyDypA4I9vX615RfRJJ4OsPFQklk137Tal7y4ZnaNTceRLGI3+4pDOMDjgnvXS2MmkL4itD4XktW0x5Jo9QjsiptBF5bbXO3o6lU4+lbypaXCL1Ox/iqSmQbizM/+sxls/e3Hklvck5+hFShtwFcq00LYn8H3c80704xxRSr3+XNNiRFGcPnaWwc7RnLcr8q455O3P0rmPCM0t78QPHMpZHhszpdlC43YZljkkfG70aVh+Brf1LTjqmn3VqJZLXzlKeZHuyAQQ3TttJz9awtI0yDwf4yntLa3W0sNYsYpLSPcQsclsDGyLns0csTfVjW0PhIvZnWeZtUOCqDavzdhlck/gA351ltr0cviCXSrNDJ9njX7VMpVFtt0TyRKpP3mKqrFfRh61s26CZlTcGaRlyyydSWHy/iuR/wGuc8B3gvvC8GpBfLbVHfUH5zu81i6n/vgoPwqFG8XIu92b2AHO07F7cAD0JwPcGsnxcL240hbKwkVLq+c2ySN/Cpjd5D+CIfzrcKBowVOawr+YN460KBX8tre0urt23Y6tDEn6u1OG4M1NN0Wy0Owh07TIY4LS1QR26f7OQFP45yPrWDouqXV9438YabJt+waWmneR/z1/f2zvJv9/wCmK6Xy2VlQ5cYHy53FjlcgfUbs/SuY8OWs1j4g8aXDyRXt/cyW91/o/wC62obbZDGfYBOvqTTjrdiZ0m3bgFlDYby/L69e/wCGKz7TUXuPEmt6fP8AZ/KtbW2niMX3pFlM6OsnsDEhHuTUtv8AbJvM+028Nq/OQJPMxzzg/XPFZ9rHv8dXskOxLj7DpwbzhuBjWa8LFV9eetKG+oGhrGmnVY44DeXVggk82RrSURvLjdlWI+YDOeelZtpHfaR4nttJF9PeWtzpk13DDc+UZYHjeBUKy9XVhK4we6mtjULG11a0WC6iiu4poxvhmQurcKwBA5GcAYrkvCbafaXjeTZ3keoXEpjNtDpsoi09DIdsak8KM7mz/t1pG0kI7iNtx3Lyjc5xg+3HbjA/CnLjnHrWbpupSXGua7ZkRrDY3EUUDICRKklrBMS2OSd0rc+3tSTaILu5Fz/aGqRsW/1VtfyiLj+HYeNv+Nc7jqPoN8Q60+lR2dvbWLajqN9L5NrAu5RkYLMzj7qKCGPrtFJY6ldLr1xpt+0MyLCt3b3sOYxOoJWQbT6Ha+e4kFVPEEc0HijwVdoPP8i9ubZ9syqy+bZyhQM/eOEfin3E6nxZCIT5ktnp0uY/MCsRNLGYwzDocW33f8a6OVciAtXVxLb61pUQmZFu2uIZY9gIDrCZA3r/AMs3/OpLXxBbX/iDWNJijYyafHbNcGMEKhlLssZz32xK/wDwOsTXtQfTToOq3CiC30+6Ml65ZmEEMsMsTsxH8IMq5+tJoF9BJq3izXBFPbmRI5o/tGfnt4ISFfnuWSYj/Z20cqlFsDTu3XQ9dtrlGBtNXkSzkZmx5dyAfLdP9pwrKfZBWrf3H2S089Lae5WMZENsUMjfKfu7+OO/1rJ8Wwx3Xg/UTESfLtWu4M9f3Q85M/ggrdMxkjDdQyce2V5b8Gx+dRbSLGjmvCutTaw2tSXENzbeVqM0ItbhMJbCMBAgfp1jLYH9+prWNZvF2oTv+8aztYYCcfdMmZJD78CKpdLUx+IfEVsBv8yW31Hc3pLGsW1ffzLeRj7NUemMo8QeI965ja6tZVnH3SrWcK/L7blb8c1pK2tiepW8Sa7c6HbNFZIJdZ8mV7YSAiJfLxvmkfoqqWHy/wAZKjtS6S2leBfBmjWV7e22k2lpZRRGa8kjtkaTbmRix7lyxPuSK1b6za8s7u1ZtjXVu8Bb03Jtz+ZSm2scq6dZpcBXuUgjWV2/icKMn86hNciuUg0fWtN1y2MmnajY6rbfcaTTbhJ9pPTcycfh1qW7ubm2tXkiha+uvljji25WSQuoUH/ZGNx/3aPscUkySNBEZhwjeXk+/NW4isMiylHeOKQNtUkfKASTkc8EdKzjbmVhnGeCPM0TwHps88Ml/cP5k7/ZotzTSTSuxdV9Oc59MVreJtcudDsYJrfT1vWIbzTLcGBV+6FRcK5LMxAC7OCCc81N4X0m80Hw7YabfTw3ktnCtussMbJlEG1Qd3U4HX6U3XdFTWobdXlmtmguEngmt5dkkcwBCuvuAWrVSUql2Z9CDTLK+utViv8AWLKJL2EO1rDayrLHYbhtlXL7WaRipDMFxgAdjVi78QJa6vZ6ZJEolvI5ZInidZBEsYXcXRgCFwwHHGQaksNAh0uS7k8+71C6uFRXuL2bzZHCKxQ7v4cAuffzKzrfQ9WtNY1C6Gp2shvrnzGnNo4uBbKf3dsmOEA5GafMpSZaNyQMpJJw27gLnd0YDIAOOPasr7fqEcoE2kq8BAw1ndCaQcD5mWVIwB/utn2rWYljuK7d3PA469j39M+1J/DWPe+wzlPE27/hMvCUogW4jhh1CfyWch2YJCFZB2K5yck9etaurQq2q6FcncrRzzQoUkGNrws0inHZjCv61Y1LTBqUMZWdrW5t5PPt7mLIkilAIUrlSGyC2VqrY6FIt0t9e6jNqk0MRFtmKGJIFYKGZI1AyxAGW+npWnMpRViOpV1Cy1OPxRBdx3Eb6ULWSK5tXk5ab5yGT8Tt/wCA1V8NxxN4s8Y7H3SNfW4Yfx7BZxFY2b03npXTz8PjKlhkHYeOp/LjFZGpeGLPWLr7RJLdWk5QRNLZ3Tws8Y3YVscEBnH/AH1ShNLRhymJ4Esbm43XdyzNHGJrSOSUFcsLqd7hhjnaC6Dd6qfStbT/ABhYXuoiGE3Tl2bybiezmjiuGTltkpUq+CprQ0zSU0e3e0ty623nSyRQudxhMjszDd7u7t77q5RdcsrWa1v3nWz0yyme0sLZdjSTzuRE0ohPIK7mAHYsT3pu1S7Qk+hueK7VJvCviG3LBg+mXcWQADzA4GQAMHNS6ZM39kWM0w3SSW0TMPXKDI/EMPyqj43jk/4RjVoLVI/Mu4ms44XOVLTkwIue5Cytn3zWuFEYRVXCKoCkdGHqP5fhUvSCRRjQxmz8czhdx/tLT/Omk7ebbyhN/wD3zOi/8Aq1qmrzaXGDHp93qR+XclmqELhR1ywOarSyfaPHNnD5bFbfTZyzclcyywhMgc9YjVoaGYdSa+ttQvYvMkMr2YnEltKzdco/zD8OP1okNFm3m89Y32SRFlyY5Bhlzzg8mns5jkVh/eXJYblUBgSSvuN3NKePl3s5Xgljz9D6U2TAAydpyMHsPc+wO386xTtK4zhPAdmmk6lqVuUjMM9xdQW75znyL64Ji9l2PGQPUmt9YRB4turhHceZpq+Z/eaRJX8sn3AZh9FFU2tNQ0G+1RNN0v8Atewv5vtP2drpYfs9wQFkHPWNtjH6k1e0LS5oWv7/AFGbdfXkgluFDBkiiVdscKkdQFx+ZrslJS1ZjHVieJtJi17QdR0wu8Bu4XiSYEkqeQp2A5YA7M8cZrMjk1e48aW0+sxadCi2t20CWTtOEJa38xy7AYDHPHY5rp/KW3jSJVRFjRV2p06Cs+8s45r7T7tjKk1lIzRtD/EHADI3sQBURm4po0cTnvE8cq+KNIkk1STSYJ7S4iiuGA3mZSsiRFn+WPcoJz1IUCtLTbiPxF4fcXEqXcd15ts1xbkFZowTGXTb2J2ZxWm8YkVllSJh2Vk3qeeBj2HH4VXvo75baF9PEPmq+GhmyEKYO5R2X6+9Lm5ooLHJ6Xb6vb+MNHGpXEMks9ndW8S2uNiLG0Mozv8AmycSdOP1rr9wZvlBUYGEP8IwNo/LH51zUy6jqGteHprjSLmwFnM7zszI0PktCykq/c52V0pJP3vvAlTlQpyCQc469OtOtugiOdtoxUJbdmlamn734VzFEdFQN940UAfBf7K85j13X42/1bW0L/irt/8AFV9KKoUcdMn+eP6V8yfsut/xVmtL/wBOGf8Ax6vpdm3SH2OK1l8Qo/CWP+WJ+tOjpkf3D9aki+7+NSUizFTux+tRRttWpFbdQUIrbWqwjblqu3aph/DQBMlPb7wqrH95vr/SrC9aAJF/1v4VIPumom7VL2H0oAWJttT7t1QpUrfd/GgNhV61LXOa5PqFxrGnaZZXTack0UtxLfRIkkqBCibUWT5QWErAnrxWD4UtdSXUtYs31q7tr+zkljSOdvtUM0O8NG7I4BXhsYjbHy8DrnojRurmfNqehptzzUvGRisDS9XuF1b+ytTgtxfG1a7d7Mv5TQhyrFw6hgM7eDn6+nQ4dW2ksQuVO7171jKPKO49akj+7UEePLXHpT1bbUXsNExz0AbGD93nPQYx9C1ch4J1eTVLy/dZ5ZkkmupJGzuEEn2qSKIb+3yRfd/HvXSXzF7GdY7yOwfaS1xMgKRrtPJJ46FsenWsXwNa2mj2VzpcLLLNFcSyzSAKZJ/NkM0UxZfvqVlA3f7OO1axXuNkM6ma4igEkkrNDBGGZ5FHKKGwGHqdpP51leE9Qn1nT4tUuAsa3qxT2toDtMUbKShZvUrhse4qj8Qo55fC15aQtGsl88FiXf7u2aaONsfUM1dF5IhVYof3cKgCOMdFTHygf8BwfxpctoJjRMsfIwGYEAgqOvH6/WpQu3HBH+9WXqGg2upSobmKa4l2EIq3EqIOCclF4Y5C47jmqnhV2GreI7fcW0y3uo47ceYZFUmCN5grHqN7L+OaOTS5SOnj+7Ttu6o42lVf3hUk7QV7525J/RqILhZmuoo2ZntZBE+7tmNHUf8AfDpWVrIomUbaVpRBbyyfP8g3ny0LMAAckY5zTQxbGadLhY2OF3Y43EAfiTxihK7Ezl5r3Tda1SCHWDItuyr9isb6KSGGbhT5jb/llkySFTqNue9dTqum2+oWN1a3kS3VvMrxtE5OCMNn/dK8dOM1ynizUJbjQ7jS5tJmku72N4rOLdFMjuylRIoHKhck5966i1il0/TYFlm8yaOP944O7cQpJJ9cMBXRKNkZdRbHT/sE8xF1cXbSOo8+8kLvhQwUbuh44/CqOiN/Z+tXekuLgWv2Zb+2DKCAu5lkQY7K21v+B0zwtqdxq8Gpy3zQSeTqE1vbyQJtDohCkkevmCQfgKsapMtvr3h2UtiOa4lspcf3Hhd+fbdEtSk+pSNxm3Dn744bjHzDqfz5/GoWUN/FhqfNG8i7T87cA4QMCwABxnjGc1lR6Rqsdx5w1cTW+7DWslogUD+6Cvf/ABqOUZpxhlY79zx8Z9OvFc9qWuXdx4ih0XSJbVWt5ZP7RuJYnkaOJUVtqIOGJMiZ9BiuohhL42qyJ67DuHK8HPvt/OuKVprT4n6ksFsk/nJFeGGNzGXikjiimdQflZleHJ7gEVrSjzClsdjpN017YB5lWO7jPl3MSnISQdQD9MH8ag8VaXNr3h26s7Z0iunCtA0jhVLo6yAHPGDtqtosha98QtCm6ASw7VjZy8zLbx+Zgnhi3AyOOMdqv6mlzeWVnNZho543juBHICjOAp/dSFfUEAfSpejF0K2kXkt5CLDVNMisZ/s8cmzdHLFJGqgSEEdArEZH/TQVtSRzLaqlq8dmY1PluYgywEY4IHbIOD2CisOzurjWNUsnWxvrCGzSYyyXiGHO6Lb5cZP38kYx6Ctq+F0skMsBkuEUv9ot4cRMydQVZvl3LtOB1JzTe4GD4BjXSfDsGiyQiC90uJba8hXlWY9Jlb+IPkNn3x2q14iZF8QeDyxZXN7dR7x3zYz/APxNM0a6l1jWkv2t72xtRa+Q0N4hhZmMqtH8nbG5244yxqTxLCrT+F5iFCw6xH5205+RoJYwfx3JVrcR0cv7xi+CNxJ+bvyeaZ5fH40eY3RvvDIP1zz+uaFbcawe4+hM0f7oU2ONvMQg4A6Z6U7d8m33p4j27TSDc5fxB4Ot5NO1SXTbKI6nIFkhjMjFGmWSOUfKfkBZoYxnqduOwroNPvIb7TYbpbaVI54RKbe5j2MuU3BCp4HXtxxRI26RvrUsOdoOMKpzv4/L1q/aO1gtY57UP7Q0O900Q63Lc3N5qyxtBNFFIkluZSZgMcrsj3c1vliqg5DYXJVWDfdHOCOffj1qhqHh+O+uJrmO+vdMnePY0lrIoDLuB53cjoeRxVyzt1trdY1lknGSfMkfezZJOS3frVSlG3mBzo1JrDUILi3XVRpMZ/0iO4gDxhGOPMRpGDqQxXJHGMd812Gc4yFBA2naDjI4JySc5IJz71WbtU6/w/SolLmGh8kKXKmGWNZEfjYy5D+ox3x6VyNrZWvhfxdZ29tpMFtb6jHcxRXUF44b5IzI5MI4AIUD8K7Au0fzIBvUZGRkA5BBx7YOPrXEr4g0a18UX19qWpw217byNp9ppm0edDChy7FB8xaR0xnphR6VdPYzZ3lvEGmCOURFJDruyAuCBj05K1zXw5kZ/BOhK5Bkgthavj+9EzRH9UNaGnXdxqcErSWE2nsQ2z7UUDfdwWAHOQxHXmstdSHhDVL0X0MVnoGo3clxHfKSgt5nOWjlJ+4HfJDd847UtouI+p1FYGtCHT/E2iapK/lwnzNPuG+X7su1o+v+3FW/5pkjXKhcjPynIx2x7Vm6xo9vrGm3NndLuglXDbUDSD+6UHXcG2sP901MZcrGzSMrfdnXeyMyzNxwxJBPHuDVSz0+C31C5vA7rNdeVHID9xthfYfrlz+VQaI2of2VAuqMkl6g2PNG5YTY48w56FupHqTVxam1h9CVfTO3aNv5cH9ahXTbRtUF95SG9MIt/PH3yhJIX6ZBP405vu/jT422kD2pDQ8tu57HkD09qVVDZ3bSACT6qMEE/qKh8z5qnVtwqRla1tRa3l5dASSS3bLJMG6HbGiA/wDfKirI6AAqVHTb2HXH60jU6KmgKuoWVrqVq1teRrLbNgvGzld3IKkEcgqwBz71DoujWmg28ltZ2ogSSV5pBliWkY5dizfeJOea0G+8aRvu/jTcugDYo+TxjmpLiGOaF4JFO2YeW7d/LYgNj8SmaejbY8U3dupJ2DcyLiSSx8NJC8JvbmK1W2NvafdkbZs59h1/E1esbdrOxtbZ2V3hhjjZl6EhR/8Aq/Cp2bbSbt1NyC1iNrOOa6jlMaeftMSyBcv5ZILr9CQlVrjS7tdY+32siF7lBBcRyLgMqM7q4/20Z3A/3qtt94U6iMrMCKQhWAAwNq8enAyPqDkH3BohbdJTpaF+6KT1dwBvvUrNtYUUkn+r/GkA9pNy4qJV2mljpG3eZxQA9143VGrbqk570v8ADQBE3SmLTmpV70AM/i/CmfxUq/fan/8ALJv96gBGpKKazbaAFZtuBkjnkquSPeqP2G0iunlitIFlI5uIovnb6mrytuzUXc/WmnYLXM7ULH7ZcafI1xsitZHuGh8vPmsI3CnPbaST+NTSyLaxyySDbEowfrk5/MBqtNUU0McwxIqke9DkFrGXomnnzLq+ueJr1/Mz/chUARx/kAf+BVqysWfng+npSKoRQFAA7Ypsn3qUpcw0I1JRRUobI5aT0+lSt/qvxqKT7oqhITdzioRD8xapW7fSo5v9XTQ2V5B8pb3xUStub8Ks7Sy/ewtVpcI2FOaokRvun5sc0k3+rHz0m7dQ33fxoAhkX93uzmmK24VYbt9KY1JgR0U+ipA/PP8AZgw3jfVFG3H9kyH5v+u0VfTyHqOOCR8tfL/7Lv8AyUDUstj/AIlUm36+bFX0+3QZOWyc/nWsviJp7Fj+DjrmnNu2jf1pi/w/SnN94fLmpNSe3XkN7VPu3KfmxzUELfw4xUka7c/WgTFHXrmpsbk2++ajXrVhduxs9aCRAeB7cUq/e+7miPG0Y6U/b8yn3oGh38I4xU4/h+XPFRblZ2z6VIrBduPSmiib+H7lLE21Txjmo2bdipx90fSoYFW+01r9oJ4p5LO6gJ8meIBmORh02nhgQBmuVk0Vn8VSwXk8t895pgma6V/I8iSCVlj2BOAMXDjHXINdtH96q11plvfXEE0yP5sBPlSRswZCSAenritY1OUzcOpVuIrLwjo97e21l/q18yZly8sijPzOT2UBT+NbGo2suJokWMyncg82IleSQCAvzMMAZHSmXNvHeWd5bTRrJazLJG8LSHdtYMhAz35z+NWI4BGqxgsQvALnLY6jP4YpSlfUErGLofh270WRpnvrZklYtJb29mIrfI4BQdj9ea3SpXKsu1x94d+eefzolXaBTe4+lRe5SG+WsqusgzER8+5AykfjxWDqGmWOhvBNpcAtL+9ube2hSzjKi5UygyoyJ8p/dCU5PPy+wrpoV/fRluUJAwFOfvKScjn049643wvqg1a+Go3VteTasc2627Wcoj0+H+JFLfIGfahLdcMK0p7EM3fEmm3WoaRtsUW6vYbi3uYoQMCXZPHIQB2LbCfxq/oeqw65p9rf2zboLiPcueoOSGU+4YMPwqxayTSRhpgkU0h3BVA2xjqeR1wwHPvVHTEa01DUrLyYEtJG+1QOvXawHnR/8BcB/wDtpUuWlhoy/iDFp82mwRXUdqLq4drW2ub1gsNszoT5hLfLuAT5e4Oat+A7rR47NtN0a5e+srB9j3O+SSOZmJkYrMPlkJO8ke9bTK1wgUqp9Ypfuse/65P41NBGYceWuxsqAgZgFOQcDHqA1a8/u2J5Nbmf4cuLnxB4YsbvUEj3X8KXG2NR5YWUF4wQexUj9aq6b4L0a2vNRmbRrK3WacPbtBGsbEGNF2Bl7BlZv+BVsWMMVlZW9vCNsMMSRJHknYqqFA59gD+NW4pKzuapWRZjXbbxqOwx1z04696lHCE4zlCD3zyOMe43flUKtuFI03l8Vn1BnO29jq+m6ldSxWFrcyyOc38t7h2jydgC7DgBdo69q1tZs7jUtLmt4JjZXM2yIS/6zguu8L9Vzmri3HzU1v3qk++K2cubUlmZomhzWUUUb6g0trDGqQQW8SRxrGANvBUnOO/vR4qc+Z4XBUsh1u2HP90Eu3YdkFbUcK7VzhcnJYfeGOn4HNZkkz6h4m01Ehaez03zZ5mEeVFy0TxrEp/vhZCx9nFVCXM9SbWNa4jhvIJY5ot8RAJUjI6ccfTFR2Wj2NizPbWUNq+P9ZHBh/zq1bqEbAHtx0xnj9MVMOprJ3uX0H283GN273qprHh/TfEEMKahbtObeQzRGN2R4yAMlSPXv9Kljbax+tWPM+WlewhtrbQ2dukNvGsUKD5VXJHPPU9etTL1qurbjVu3b5ttF7gO7VZX7gqBl2tT13ZbHpQAn8VLKqttz1zUcbFetTbtzCgBWUK3FPXrRQvWgCWil/hpi9aAZItLu20jdKSFtpxQSO3bqF60m7dmnLQA5qclM3badu3L+NAE1H/AsUifdFLQAN93rnmnr2pjfKuaSOTzOffFA0TSNtam7t1NmXcRQx8tlHtSY2SLQ3Sm+ZTWbdSRIm3dTlG2haVvu/jVANak7VKv3RRt3NSY0L2H0pVpZF2x0xV6NUjH0sf+s/ClZt1NoAey9WqNW3UtJ/FQAtKv3vwoZttKrbqQDD3+tMVtrVK9QfxUkBLu3N+FM/ip27tSbdrVQDmpKG6N9Kan3V+XPNAA1KtI33jximNQA56jVttSx/doLfNj2oAj3bqKTbtU/Wnen0oASihvu/jTv4aTAa3SmLS00/fWpuNDZPvU2lb77fWmyN+72+9NFCt0qNv9V+NKq7RSfxfhTYDf4aZ/DTm+8aa1JAR7ttKrbjSPUa02BLP9yo16U2Rtqr9aC240kArVFLUlMeqAY33R9KqzdqsbttMkYNj+9QBAO30pXba33scVEu7zH3etIV3An3oExhk+Y85pN26jbtprNt2/WgkdRUTyfMaKAPz6/Zfz/wALB1H7u3+ypPvf9dYq+oeOcY+8en1r5Z/ZjYL8Qrr+9/Zc3/oS19SJI3G71P8AM1rU+ImnsWx90fSnxruWoUkH97BqXzH3HI3jHWs0aMlUbc02P+L61LGwaMYGKYfvL9aokfH/ABfSp/8AlmtRo21j9asBty0DQfwip/7v0pOw+lNk+7SZQ+WlX7opi/dFOWpAki+Z9v41Mp+b6cVClWIf9ZWiAd/FT+1J/FUlQwH9h9KfFVeT7tPjb7ooQE+7bn60qtuNV9u2RvrViPvTYD/4qfu2vj2qCNtu761IrbqSExGbd+dTf3fpTVqRfun5sU2SL/FUlRQr87HOeKlDbgKSAP4TVhPur9Kg3bUx70rNux9KoCy7bRiofM3Kw9qYtMk7UATQrtjqzbfequq7gtXVXagoAhvLeadf3UrwFfm3RnDcdgx6Nnbgrz1qXSbGDTLcW8KbcjexI5Zz98knlju3ZJ5zRG3UbscVZh/dlRnPGaAJQrqoy2BSrjna9Lu3RE+9AYY27sNQBHCu6Y85q4sa91yarqpWXk54qRW24+tNASMNq/Kdq56U7jjac0RtuLU2NtrH602BOvWpG+6v1qHduY/7tSK33RtzxSQERXdMflzVgrtUcYqPbtzxjmnbfk3e9MGTM23b9KEbdTVbclIPu/jQyS1/DTF61In+rFH/ACxP1qRocveox/F9acvSkkz8pAXPOGk+51Gd3sOp/wB0U1qNhH92nVyl94s1Sz0+41K30hpdMgMkkzyXflXDRITmdUYbWX+LrnDCuubb5j7TuXccP2YZ4IAJA4xwKbRIkf3qcv8AH82KPL3KW25qJvu9Mc1IE6/wc5p7feNVlbawHtWfql1qCmKPT7eN3fJaeZisUQUqcvj7w54FNK7A1ZJNqMvtRB9xa5k3eo2fiLRrG8vLe8h1KS5aSG3tmhaBI42bdluxZl/KupXeTlxhjyeO/f685q5RC4+Q7VzR5nmYP4Ukkij5SU3HIVH6OcH5fxx+lVbPUFutQ1G0dXElrKsLq38QaJHDj2y23/gNQogXE++hXh1O75fveuR7gBqyvCkjLootJLn7XLp881g038TCGRo03e+xVrU3OeFOJcgM3qRnH6gVxttJLpvijWPDujyw6dNdTf2tFcXEXmoEaJFlZkX5seapUnoN4renTclZCZ2kighDkhhzxjPBGSufQFs/WuI/sg6ppOvazNcsuqQz36WAEnyWgtZJVgRFTj5jCCx64YV0fhnXjrGliWa2+w6lZym3vbIPua2nXGVJPLDBUgnsQO1Ry+FbdtTuLm3urzTprglruKzkURTnacsyHq2NvPoB6U6aUZWZD2MHw3d3euaBp+vaA/ltdIWOl6hKXglUPhQjH/Vuw2YPcBa6nQ9Wg1jTxNDvVkd4ZoZRiSGZWIkRvcNn8MVwvw3sJ9V8C6Wn9q38TQxzwFre6VA2J3KtkcqxDY/AV3+j6Tb6Pa/YrKKYwJuIRpDIckkksx+8c55+lKqlzOw6exc3bVH1oVt27603zTFHuJVdp5+QHGATjIUnJxwKo6b4ksdYvJbSFbiK7jjWVra6tJopFU88hgM9+f8ACue1jU0aRm20NIZWLH8OMUR/6z8KT2HsVtQ1ex0WylvdSuorKzTAeeaZYlGemSe1T295FeW8c0MsVxDIu5JoWDI47EEda5zxdfLp/iTwbLcRsdOW9nluJl6Q4t2RHb2DSip7SOPRtehiRCDqKswjX/Vfa0G4n6yBmP8A2zrX2fNBMz5rs3WZuXUb9oB8vkbuQcZHPJC5+lZ+l65Yax9sjtLmO6+yStazCONkwynaxTd1UOGGfVTWrZsGuoSpKxllxIMjqy7WBHPBKnH+1XAfBfXLLWvhvoaW0/n3lvZQpd7laNoppMuC27qpJkwfXNEY3VxnZXmqxafGbm7uIrSEkBriaZY1GAfvEsPSi2mjubeOeKSKaGZVkSWFgyOGAOQQTnrXHeLVt9Q+IXhi1uVZLC2tpruCdtskYu2mhEIkB+7hQ2G/6aVteFVihsr+C3z5MOoTrEpIO1SQxUEdgzMPwqpU7RuHMaGratb6HYT3t3KsVtDGzyM3sMirxVFkdYyGRWYKV7gGuU1rRJLzX4NSbTv7SitLNorVZLmKOKKSXeszOp+dgVEOMccfWr3hnW5dYj1SOWNA1hfyWZmjDATlQpL4bpgsV44+SsnCyuNO5vtUbfeFG3dj6U5RtrMYN0pit1FPbpUVADVXax+tPakooAT+Klk+9Qv+t/CmTNt4oAelOk+9TEbcopHoASWopO30pGprfd/GkxoctKzfLtoX7opkn3qSKE27VNR0rUlNgDfd/GkZug9qJP8AV/jTB2qQFZdopi06f7lJH/q2+XNADXqu1Sntxjio5PvU0ARttbFLu3K3y55qNqN21cU2BC3XpikbpTpG3Rn61C3akhMjb7wpT978KSTtSzf6sU2JES/xfWmT/cp1I3SpKIl6UUtFAH53/s28/EdU3Y3WM36ba+rV65zndzXyV+zqA3xQ05e7W9x+kTV9bwkswY9wK6avxGVPYl2oyc/ezTtpXH0qNvvVIvWskaMlXrT2pi9ac33hVokcPu/jVqNeh3Y4qBF3VZWPamabGh0LbpDzmib71Rq26lZtq4qSiVv4fpQlCNujp0VAD9yq3NPVh5gYemKjXZubP3qczbY1G3NAE0bKsnPfmneYPOGGxUO7coOysO4hls/iFp06uwj1Gxe1WLnaZ4pFkjB7fMryj8KqMeZ2E9Do3bcx5zzUvYfSs201GK/uL2GIyA25VGd8eUdyh1VMdwjJWgrblDbSmf4T144/pUvR2EmSJUw71Aq/xfN+FSRtuz1/GgbFt+jf71STNtyN2OKhjbax+tZWtatc6fqunK6A6VcMYJpFjy0cjcoSf7pI/nTWpJuIwaNfn+arBz5Zyc8VmTXi20tnAU817mZoQsH8LGN5M/8AkOtKWRpJC7csxySev40SjoF7jof9WKmX5UJrL1XVF0PSbvUZIpZIbVfMk8v+BQDl/wAP61afcJCqyLtV2HH1OM+5GD+NHLoPYo6pq0tvrGl2oG+O9eSFV25/erE0in8o2rU85ZnYxn7wyOMYHYfliuV8ZXJsbfSryNPPng1NUijYfKZJoZYFOeox5uTt5NXND1m7W+uNL1VYodQgjWVZYC4iuoMfPLGj/MmxsKynswPetfZNxujPmuy7J4itofEkGiybnuxa/b3VYy4jjEqorN2ALnA+lM0XxPbanqzaa6NBcB3iWPzQfPaNV80Bh0dCdxX0ZfWl1OzkGp6fqEcTS+SJLe4h43SQuu4ouePlYNXLtOt0vii1vrj+zNR/tZLyxaSRYwkv2WIxAlfvOVjcbfTFbU6alG5m3Y9H3bgPlz7gYHt9eO9SnqvGOKzdJ1L+1tIsL3Z5RuoI5zH3UsoPP8/xqxqF5NYwxtDaTXjHIKwuqlAR97JYdMcfWue1nY0Urovq22pI2O1mI3qOBGejE8Y/Elfyqhpt8NSsI7n7LdWTOPmgvUCyqQcfNgnOcZz71fP+qAV/Lfa2GH8PB+Y+wG786i13ZlJ2G3msWGl2cc02oQrC8n2cTF9imTBDLn1BWQfhU0VxFdW8csD+ZC6qyOOQVIG0g9+MVwXhmS5s/HGoWty224gvNRkjTOVjab7JNGUX/ajbJPvXUaXD/Zuv3VpFsewv4jcxIrbjC+7a4X0VldOPUGuh01FE812ba54+XK06QDaSDtBxlT0OMnb+JK/lSQgSMzMeSzflk4H5U5FHmAD1rmb6FnNatPqsNj4jvpNRm0q20+FnthZwQyAsIkbc25SxBcOuBx8v1rqELM6mRNjyLtcEYEbHaPu4G3kkge9UdW0e21EpHdjz4UcSm2ct5b46FlH3sdvSofDNxJcaT5YSRxbXV3aI8jGTcUuZEDnP3vlVgP8AdrdfDqR1M2bxRd2cH9rAQyaLHO1s8ZQiTyt4R5XfpkMo49MV1sjN50mDkhsrGwONxzz8vXJ2n8a4W78P6k3hXUfD9pcW/lW8Fwbd4zvmkJdpYo5I/wCDJcc129vdQ6naxXEW0WlyqyxBeio3zIPfAYCrlFW0GR6bqUd9HM0TIwhuZ7ZtmcB4pXjcc/7SNV8tu2/Lnmud8JuZdDllf/WTajqUrfVr+4b+RFdArbYVFZSVgJN23cMY5pkbbpKeo8zn2pix4BPvUATxttB+tLJJ+7/GjduUUzbuTPvQA9G3LUN/qFtYWcrXb+Xbt8rv1+98oXHvnr7VYWP93UO3bKCB84ww3cAkMMc+3PFNasDn9X12x8QaLLa6df2upT6k32Aw2siTPhxmRmU8rsi8zmuivtRt7Xa7sd9xI6wrErO8jYZgEUdcgPk1y800aeJ57qbR9SuXgSO3s5IbEnKmJGkdX6DczKpP+xWn4i1y8sfDJmKva39xiAPGgmWB2O0s5XqAN4+ua6JRVtTPqamla1aaxpcN/YbruzkjDw/Kwdh0+6xAGMY69qWzvJriZluNNuLJGGQ9zJC6sPRdshwfaq2nwwrpSWulCSyt7dRDbTT2zI7qoxuAfqCcnPvUtlZ3Vqd15qU12xHKeVFGPyCk/jWTiktCkXVwrbRnGOh6j26mobuzgurWaO4kkhi2l2milkjaMLyWynTgNg1KMbRgYHp/kCkmt0urW5t3XKTxPFJyygoyMp5HcbuKmO4zC8K6TPDdSa3cXs00V7GIre21FRJJDa5LRLv7sdxbJ5wwrd8QagdF8OatqQTz2srKe58sfxFI2ZVb2JC/lVDT/CttayKZLzUb8rIZV/tG9lk2MPuME3BcqPXsRWtqtimqabfWTs0UF1BJbu0TgMQ64bIBPU8/jVylzO5MTNj02PW9Dshqtna6hJNao0yzwrIu5owWwD2DZH4VkaJ4Y0/S/FusG2s1t1a2tJY1hLIoVllR+F4HCD3rrtuwFOrKSCSck85GfwIqVv4fpU8xZXZl86VELFRnG454yQK5q+tZ4PiZZXxVRa3OhTWqtlWJkSeNjuQ9gshwfXNdS1N2puDFctShU5dRPUyl0qWx8TXt3bjCX1mouTgB2mhcrA4A6MyTbT7IK2ZJBHl413Iu4hV+9tJyce4CtRu3dsU1l5Vvek5czuiuWyMnwv4fTwvocOmZ3rDJLtk/idDIxQt77SB+FU/Fllof2f7TqemnUZZnS2hhhLrPM/zMsaMnKtyzD/dNdHu3bvrWfqmj2OtW6w6hZWt/CG3LHdQLKFcfdIU96cZtu7EVPDkN/p/hXT9Lvr21vPEFpYw212k0nmAXIQKS38TfMGy3rn0p+njWhOv9pWum7tnz3FjK7nIJBBRxkDjscVoabp9rpcP2ezt4beFTnbBEIwSRySB3/wABV5l3Lmk56jSIl7Y/nx+HJxUy/e/CovL2pn3p27dismuo2ZHiSG48zT7q3h+1/ZJ3aa1yFM0LxtG+GKnkFkOO9VJvN8QTWq6PO8H2OVpftVxYMmJPLdREIpQCc+ZIG2dgD3rotu6kUbZfwrSM7KxPKLC4jMMrIjqjLuWNgwOTkKD1xt3Yzzx9K4vw54ZvfDt5odjAyXGmabBLam5Z0Ms1oeUjlQ84jYgg/wC1XZSVHD/rKFJpWQWsUNU0G01xbddSiW4aDdtYO6SplQHIdOVVsYYdCAKuW0MdvaxxQxBYUXagC7flHTjr7c+lTN3pI/uH61m22NFS8sDqMPkrd3Ony71eOa0ZRIGXPIz6Z5+tN0vSrbRdLt7S0QpAm4jJBySxLNx6kk/jV1aWq5tLDGr94fSnR9/rSSf6v8aiP3hUDRO1MalWloGyNu1Pb+H6UjUlBIUkn+r/ABpsn3qbQAUjdKfH96mP940mNEXzbv8AZp5xj5aKRqkoatNl+597FK1JQAQ/XNNk6mhqa1ACL9xqRfuilo27qAGPUa0+ZMDNNZtyigAbpUP8X4UjUL1oAY33jUcn3l+bFTy/e/CoJPvUAMdtrD5+9G7du5zzSt0qBqAF3bWolbd+VNpr0AMpy1HH/rPwpX+9QBJRUNFAH5q/AN/L+LGiH5usq/L7wyV9hRHdCjc8j+L8v6V8cfAkMvxW8PYOR5kv/ol6+y41+UsfvYH8q6a25lT2JT8wA3Y4pPL8sYznvTVYtjNTfw/w/jXOjUkjX5s/7NSK25aqo209vwqcNuxVoTHSd/pUm7bEopjUqruqiSYSfKKa023imAbSv1pzL+83UATwzblJ96kZty/jUcbbqm/ioAP4RVpfuiogrNtx61LGpVmzQND422tisbxRpsmpWCz2uRqFhNHe2xT7zSKduz8VdvyrWZtv50TPwp3FGXBU/wC12P4c5+tVCXLJMbV0Y/gm+ttWh1PULYrItxcpKjf3QbaHIYDk46AdKe/iSSG+EN3pFzY2DzpDFeTSRSo7uSFBRPnjLEEc9gKsaVpFtpU169nF5EFzMZzEv3FYqA2z2JXP1JrL1y7hk8QabYTidreErfiC3gaU3M4JWJG427F+dzk9hWzXNJmafQ65l2syMApUnci44IJBA9cY781g2eu+bqLwJqVneRB9jwiTE0WegIrVsNRkuppM2k9snIWS527XUHG7Ck4DdQDzgirLKi46evHSsttCiUg9TjcfvEd+2f0rN8SaW2ueH7/T1XLzR/JjrvDAp/48BWmqjqPSoRIRIxO0qEbqo4bIxknjBpx0YnsYOn6pJ4hvfDE7ebHJFY/2rMzf89XhMX/obzVp61qE1pq2iW8UZktrq4mt3BkxhfKkkVsf9s/0qDQ9Bs9BnvpbWSVzNIHzIykRqC5WJdv8O93P/AjVq7sVvJLZmO2e3cTRH+4/luh/MO9VJ3ZnEq+JNEh8RaVdrJB5tw1s8UTeaYzuKcAdiTj9KTwr502j2N2moSajbTW0cgaSIFi7KCQWHXBOPwrb3hkOxMRsWYKVyADyB+WPzpbeMLGhAQcfwDAp82lizI8XRldFiuCnmy217Z3e3+6sVxHIx/JBUviKT+z5NH1Fv+Pe1uolkP8A0wkZYz+rLW4ZN0bDbmkFusluyPGzpIhjZe3Pep5gJIlK5PRhk/72V6frWPbaC7a9q8t5apNYXiQ5SVEdWdVChcHnjaD+Na0UKW8KRx7RGoCqF7YAqz2H0pqXKG5jLPJ/wmVrbbkWIaXJcERjABEyLjHbjFal1Ym9hEMd3cW+BjdbOFf/ABqu1if7ettQBzHHbSwSJ/vPEyH80NaQULIdvzj+WBgj8xUPV3C1ijpmkJojSst3d3TSbci8mMo+Uk8A9+a2V/gZgSG4ZS25tjHnHoR6VD/COMVMfur8ualjWpzXiLRbmPVYtUsoGu5f3aTxW9wkLlkZjHPvfhXUFlPqCK29Phubq+mvrq3W1BHlQWqyb9qnkk9gcADj0z3q8/ReMU6T7q1XPpYlRszN1iTU7mSzOm3MUMZkQz+dHnMfmI52n1wgrbaMRttBYgdC3U+n6VBF98fSnM3Valu5ZU1TRv7QvILhL2eykRTCWhCH5XdMnnlcY6+9T6Zaw6Rp9rZwQ+XbxrhU6kZJOSe5JOc+9PhXap+tTxruWq5tLAzMvdHma5S90147a7Q4ZplZ45I8gtG6jsexqfwvpc2h6BY2EkiXE1pCsZZFKhyFYKMH0HH4VpRDbS+v1qubSwkrEel2senWK20J/c+bNMq/3fNleUj85DVrbto7D6UjdKgYqtyV9ql8v5Fqun+7mrMb7V67PagGSSLtiFIn3aTdu77qVaCQ/ipZW+6PelXrSyfeoAdt2t+FN/ioWlpgPpdu5c0xetSbttIBkce1iakhbcTSbt1Pjxz8uWoGg3bc/LnmrMbbh0xxVWPOTuGOamZtq4oGIm7zXx6USMVUA9aYrbjSsu5h8uaGJC7i2flyuKfHjYNoxUci7cDGKef4fpUjJP4fxofoPpUcnBzuxSLNu75oBibdw/Gptu0D6VH5lOVt1AkPWj+Ko2pN22gZM9MX7ppI23NTW+/SYEkf3adUTUqL325pIAkXc1CjbTppG3DnauOlIjBvunNUAbd1LjatPakoAhpP4qlaj+GkwGH734VF/Cf96ntSVID1+5URbay/Kx57U5m/d43Y5qNv3eBnPGaBolI8x84I/wB6pGj+WooPmy1K03ylfegbGMu2pG+6PpUdx/qxUQ7UEklMmxtX+9mlao5PvUmNC/Ng7vWompy/e/Cm/wDLQ1JQjfd/Gnfw03dtz9aGbcKAG7ttCtub8Ki/5bD6U5m2xn60AK33jSU3zOlNZt1ADpG+XbSMu1RTGbauKGk6fSgCNqYzbWFPZt1NagBWbcv3sVEv3uuaG/1n4Ui9/rQNDW71F3p8v3vwqNulA2QHduOPWmtnvUy96i/vfWgSEXrTnqJetOk+9QUNooooA/NL4GSeX8VfDh/25f8A0TJX2RHyoPqB/KvjH4Ijd8V/DK/9PWf/ABxq+yV6J7KB+ldNbcyo7FpW2oRTY/mk3bc0xv8AVfjSwt822sI7lsmVt27nb7VJD90c5pqrtz9akX/V/jWhLJaXy9ybt2OaYO30qWgkD90c5qVl/dhqbD8smaknPnc+nFACxtuYVZftVZF2/wAWOKsR/cHOaBom/u/SpKhj+9R/FQUStTZF3R8Lk0tKrbR93NNANjjbjeMGrSLtWoQcnpipv4aYmO3fMo96c37uYD8ahRirD+7mmyTBS231pIkueZ975sc1A03zYzmqpdpFBH96p492eWwKYE1KOq/WgYyMHNTLQwEC7mNWol2rUK04fd/GpEidetTrTF+6KcvU/NjigYv8VTRttyKjZtqr89So+5wM54oArxtuZvlzzVyL7vTFI0f86lZdsIpoGEf+s/CpA21h9aqXl9b2Vm0l3OlrbpkvNK6oqg+5+lOs9Qt9Usba7tbhLq2nG6OWPBDAHHUdelNiRcdt0mad/FSMu006P7tSMkVd1JINq0lPX/V/jQARffH0qwv3DhsHNQOp+Q7sLmpWYNtw/egCRlk3IWfileQeZwN/vTgu4nnNQ7drGmgLHmfL0xUajzGzTl+6aWP+H5sc0wH7drL82Oae33jzmnbdzHnNQhdrD5c80APXdu4q1CxVearsvDNsqaJt0a8YoBhH80hb8KV23NTG/wBcPlzxR5m1tuMUEj1p27aPxpP4hSsvegCXzGwMNjik3Fm5OabC26SnN96gCRfvfhSev1pf4fu5pi7VbJGKAHUq9aGkEjAjpjFPXrQAv8VOahqazfLtoAG+7+NOZf3QajZ8u3djvSKfk65wcUMBFbcKd/DSt90fSmLUjQi9ac33hTWpY/vUDH0hXcyndjmljb5itH+ryPfNAEiLtmIzmnSfd+7mmJJUrMGX/aoAT+HpimcbT82GpVZl+9QzbhQBHztOTmmL1o/5bD6U6gB+7bTWbdSUN0oAa33h82KdI37vbnNRx/6z8Kc3ekwEWPinY2rTI/u0jfeFSA1qSpGpNu6gaHQ9DULNtY09htFR0FBu3Un8VDY2/dy1MXPcYpMTJG+8Kc3Sof4qczbakSGNR/DT925ajoKGH7y/WkuPun60SffH0p3/AAHNA0RRf6wfSnS/6s/WpF78YqJv/ZqBsZ/B+NPG3ac/3aZ/e+tIrfIwoJII8eZxTm60FduPpSj7rUACttzUJbcxp/8ADUdA0Nk+7S/w0MpZfvYWq7qFb5Tmgoe3So/4aP4aavegBO9Q9z9adu5I96Rl20CYjL8u6o1bd/FipPunNV2k8x8/hQSTf8DoplFAH5o/BfH/AAtPw78zBvObp/umvsOPPljJJ/3q+PfgrJu+LHhxf+mkrflC9fX4bcMen+AP9a6a25NPYuNnYP7tKMYGKi/hWrS/6s/SudGjCFed1SI25T9aYn+q+7nmpR0HGKokn/u/SnSKWX/ZqKL5uKn8vy+PxpoTBVC4xU3amJUm4K33ctVCRL2H0p4/1J+tRbizcjHFLH3+tA2Pb7opyNtxUbL0NPaTp9KNxIsfKy7j9KgaQb+KjZt2Kl7D6UWsNliFt1P3bVI96rRNtens24k00SK03O2kXrRUkdMCSH/WU5l3PRT0oY0TQrtFSSdvmxUa9am/hpIbBu3OeKVP93NRxt+8xtzxUqrtPTFNklqKHzFzjFO2eW2KSH7p+tOk+7UgP3bVxTom3KfrUcf+sH0qRVXdk0ATwryx3Y4pPPCHcGJYEEsvUAbuaTzA3A9KjVdufrS2Ax47V9W8UM9yLdrWwji+yQsm9DKwctKw9Qu38qseE9/9m3jMpQSarfMoPBx9qkGcdskE/jV64k+zWs9x0Mabg3bggjPtnbVTwj/yLmkkyxs72iSP5f3d7ZZ8f8CY1s3eJC3NvbtapVqHcVxxvXHWlUCTJAxWaLJB/rT/ALtAbaR82Kjt12yGpV+aTHtTAeZOvOeKI5GYACkkh2r+NORVX/exQwLCs0e1SuQTmnvjzPlSoG3YXd6U6KpAnZvl24xSj92QNueM1HH94/NjmpJPujjf700BI0ny9MUyOTmopO3GOKdB9+mBdRty1JH96qm7bSq25vvYoBln+KnNUUf+sHOeKkoJE/iqRV3NmmL/AK38KR/vUASbduaO1Rxttk/CpN27JoAsK23H0pituVvrVdvvCpo22rQNCrUsf3ajZty/jTo/9YPpQMl/hpq0UN0oAb/y2H0qRe9RpTpPvUMBZPu0v8NNWnfw1IEEnapNu7b9Kb/F93NLK21OmKAZPtCrjblqjVSzcjFJC25KfQJD2j2rmo1bdT1p60DEj+7Q1OpjttGKAGtTd21qN25TUe7bQBOzbqjm/wBXUTNuprdqAHqu4VIo2qab2H0pVbbSYDf+BYpY8eYectikZtzCn1ICMxXGfSo2bdSyfeptA0Kv3vwpjfeNK1N/ipMoJP8AV/jTU6/hUrdKiqQD1+tI3Shvuj5sc0wLuLc55oASlWhhtoXvQA2T71Npp+8frUbMVJ/u4oGiwrbaXduqqrBsYqSgoWf7lQ1K3SoJPu0AK3SopP8AV/jUnp9KRulDArn7wqT+Gmt0qPdtpIBzdKrs21hUjNupv8VMBWk3Lio1XbmpT978KrP/AL2OaAGP0PzY5pxztXjcuetNX+LnPNMbpQJjJMbzgYpvzcf3c09KJv8AexxQJET+VuOaKj/4HRQUfnD8Cov+LraEDywklUNnOQIXAx+A/SvrpYzxn0FfLHwdsfsHxktrbAHlPcrx/wBcmr6tiXbW9X3pEU9IJCpHVmM+XxVaSY28LyBTIFOWRPvYAJJ+gxS6dfQ6naW1xbTCe3lQOknqCM8++SaztYpliOTr9aljXzGzVdx5MhHvmrccnzD6UElkLtwKe33WG8pkFc7sYyDz+A3Z+tQLJ85pNxk3DO1QCxP6D+dAmYFjql7JrjRCd2W4u7q3eFTmK3aPDQmL3KMSfrXTCRZGyox04HToMfpiuas7aO18WTnG1dRhadU/uyx7YpW/4EphH/Aa6NzuwT94klv94nJH55H4VtLYSJ0zub+7ilj/AIdv3c800r+7B25pyzLvRSMVA2SyYycVD2p0mN5xTdvG7dii6W5JOPuj6UyWm3F0Le1e4dZJVgHmbI+rYBJX6HHP0rB0XxbYa9bRTWcrPBIcCfZiFsgMUR/UbsYq7O1wOhXtVhKh2qpAUkjHccj6+tZ15qBs/EGnW7SYjuoZ32+8QU/+z0IDeG7A/u5qRQMMRt2A5IPcjoKxtY07VL6aN9P1CKyjjVSsTWySebIW6Ox5VcDj3zVvw7qn9uaJY6iVKNdQrOysuMMwyfryTzTtYaZBqniyx0OS7FwJClqim6uFjJjt1YnI3DnOMce4qxb+ItO1Bl+ytLKGYKH+xTIo4BHJUg8Ec+9Y3ijwvNqk0Wo2yfantpYZJLGQqI7kRSh1XJ+6ck49eldDpOoQ6rYxXMAkEbblxKAHBUlSpA6YKkfgD3q5Rja/US3NTaFjILBiBxwB/ICnbWaNCVzUS/dNWFXci/SufqXa5Eke12OMUo3Fg4XODinsqrn5sEjn6DP9N1cBpelLrniDWUv5pJYNNdlt4S7oitJNcneCON3liL8hW0IcyuZN62PRluDIrEjGDio5Wma3m8hiJlUtGM4BbB6n2O3FZOg3E1tJd2N1O11JbysgduS8bYKvnv1I/wCA1rCUWg3TNhIwWdyzAZHOePZRS+FldDmvAsc1jdatay3t5f26eV+8vn3OJjG5uFB9ATHitXXV+3alZ6b5ksNrOs09y0crRllTAKAjoSXPNV00e08O6zphsCsMOoNJDLb+adjuI3kWYA/xDy8fgKlaGPxJqGoR3UT291p8rQL5Nw0LGN0zhsfeDktx7Vrpe7M3sXvCTrPp9wInaa2gvbiGBpGLkRLKygMx+8w+fmk8ITSXvhHT7mUOHuTNOPM+/taeQpu99u38MVnaFNHoela7cqmLazuruRF5wqIoO3n0YCtXwnbzWfhLQYJTsmi0+3icf7SxKp/UGpmla6GjT8kLE46lhjGFYEdwVPY+tZdpZyaXq8MEE5NjcxSyrbso3WzLtyFYdFOfu+pPrWptLE5OeKz7i4YeMNMt1bCrp11If98yQBP5PUxA19pZpCBg9CMdxx+PSn26lWGfShlVeFOR/nH6YqS3k27l9qx6lIVl53bsUowy7s5YHFKv3aj/AIqpDLTMWhGaj53H5criiNtrYo3bs0wJFxhcDHFSD/WCoF61KrbW+7mhgWW7fLmph90cYqm023tim+czEYpIC3Iu5qI4/mp8ch4z6VHM27HzY5pgSxrtzTEX5namnr1zT4/u0AS+Z+6FSbtyiol+6aWP7tAE833V+lN9PpTQ23H1pxbcxoYMVV3UuNtItLT6Ejv4fxpfT6Ui05etJjQqttpVbc34Ukn3qI87vu5WkhsVW2sfrUjNuqLjnAxzUrfw/SmJDo22rTvMXvULdKIe9AybcG6Uv8NRfxU9ulDAbQNvzZ64pq9ak/iqQHQ4wMelL6/Wil3bVxQAm7bTlkqBm3NStQBK7bqi/hpKF+9+FFwEWkanL9403/loaABfvfhSev1pjNtkp/mDK/LlqABvu/jQ33R9KgZiztuGOaVW20mA9G20+RtxH0qLdupF/wBb+FSNE6/cam/w1DI23io0bdQUTUbttFMm/wBXQBKsnWoHbdn60n8J+lRxruYfSkwHSfw/SpP7v0qJ12timfxVI0Wn/wB7FQ/jmkb7v3c1H+GKBsdJ96o2p696i/vfWgSFP8P1qcr8paqa9aloKHO26M/Lnmo/TjFK3Som6UMAkbtuxUSrtU855oo/4DmpGhjfd/GnN/qRSt06YqKmhsX+GombbT2bauKjX5m3U2SG7dRSbt2frSr978KSARl+XdULNuA+XPNSn7x+bFV23djnmmA3/loedntUbd+c0/n5s+tN/hoAgop9FAHwj4Ax/wANEXGP793/ACFfR0f3F+g/lXgPgiMt+0FqUm/5Y4Zz93PUJXvi442nP4Yq6u5nT+BEykqVI6A4IHcnoD7cGsrQ5H0/UtR0kOJIfmubZf4VVlO4D6Mc/jWm23byuaz9YtZWSC8soFlvLZtyxsVXcpIDfMfQ7eKqD5vdLZBpcA8Qavda3NIxtrOeSzs0h/1bxhyJmk/3pMr/AMArW1LWI9NXfMlxLI3P7q3aYnHU4Hocj8Kr+G7FtM0KztXx5scKmUgAfOQGbp15J5qS/wBFttY2JcSzx4HHkXDQn8wwqutiS/azfaIY5EZ1DDOJEKEZ56GrJU8sXyOMoCAXHpk8cVUsdPh06ExRRvgdC7lyffJJzV1ZP3a7057VHLqJnO317La+MLG4urWaDT40MMV0zrIkjyugw+3/AFYwgw3c5HaurUglM8Nj/PHauf8AHEir4U1Rh+7ZYNyt/tLll/ka21UodrDBUAH3OBk/nmtZaq5Jja800XiDRG82SNZGnhVU6O5VSm72DAYrN03S4I/B6alY4j1BbUTveIuZTMEbzA/tnzK6HWtJg1nT5badmjDDKTRnDwyKQyOjYwGBHGTg1jR6DrVz9rhvr6zh0+d90wsrBoZZQTlgWdimW43bBjOT3NaxnpYlbnR29yt5DHOi7BINwXGAAemPwx+dWFXc1V4W8tWcAZwqhgCQB90bRgcYUAkccGsTw/dRHxNrNvaSmeyYxzNIG8xILltyNGnooVEOPVjWLVyzpzGGwrIZFPG0fxE8bfxG7P0rgvCGlRaOus+F5JNlqJWmgj8zBEDgjKD+6hKfjur0HgYAbcAAM4x2FZuteH7HxALeK+jZ1iYyJIk7wvCwHDIycqT0PrjFXCpyLlM+XW5H4dvZL7T5BJJ50trcTWk0u7G5o2K/rima2jf8SW9uIfJFpeDzowc+XHIjxkn2yyVqaXpNro9pBb2Vv9ltlJKRofXkk98k56/WriyBlI5z70ubW5S1KOuJqc1q9tp/l/aWl8t5GkZOC/zeWQp5KswP0qp4ak1GzhgtJ9Hj06OGFI7cW14sqqqqAA24qfugHGMc1uSRnamfSp0XaoqebmVh8pW1CS7t7XzLWJbjb80kR+8yd/LwT8x7Z461B4ftriGC6nuoPImu7gzm3HSEFVULxx0UE44yTWrH92mydqfNpYaViC+1ZLHUNKsmid5L+V0jb+CPZE8js31CgD6VrrJ8u3OSpIweo54B98Y/SsqXTluNSs7o8yQRukf+yWaPJ/8AHaueZhgByAB83rkZz+tZstE0zMynaMnGMN0Oe1c7daff6b4ia/s4pL63um/ewqyLKjbMY+fhk4HHY5NdCZCygfw1ZjjRVJ9quMuXUzkrmXpNrLJJd3d5btZ3U20tGp3eUqooVd3RucnI9cdq0/soltPJuEW4Rl2TLMAwdW5K7evPHPtU0bBlGKd/e+XPFLmu7j5dDP0/QbDT5WkitkhlI2mRULOqjqoJ6ALt4+tGqaXBqLK/mSR3UStie3k2S4CtgZ9MlePerx6DjHFRlf3m72qlIViCbw9by6Xc6flmt5I5UmaTljvDCQk9zuJrSgAWFQMhBx8i5ZsDAH5Yplk24P8ALmpUb5tudvHSobbAzLm11R7vzrG6t4iPlW3uLYsvuSRznGKLDSLn+1JtSvbi2nm8n7Mi2sbIkcZbc/Dd2O0fhWlt2t1zUv3VzuxV82libXHTMzMzN1Zif15/XI/Cpl/h+lVPM8znOe1Sw9B9alsL9C3u27h7U0tuA+lHr9aIW2nFIaBetSMu5c7sVDJJz+NTq27FA2NaPayHOalX5pCx6Dimyfep0LKpwaBIeJFaQhOlMK7d3zYpdwbOPWkbtQMlU7dpzn5acsnmKTuxzij+FPmxStja3G5s9aaAId3zc5WrS48sbarRb+cjAxVlceWNtMGRM22lVt1Nk+9TPm3cUMSLC1JE38NNt87Tmm7tuP8AeqRlxo9sefemht2KRW3Gnsv8W7FAEi96g/jHzY5qaNt2ec1H3P1oAe3fnPNOTt9KZu2o1PWT5V+lNAOjbaxFL5nWo2bdipn/ANSKYDGbdSU1u1KtADv4fxqRf9X97FMVdyE03btqQJFXd3zQw2imbtq4pjSfuz9aAJY22rQzbqg8793ipVbao+XNAD/4f4vwpittz1696SQgqvGGzSSZY4NIaJFbc34U3+KneX5eB7ZpDs+XP3s8VI2K1NamzdT9aZ3H0oJH/wAVOalX7ppP4aBoP4aatRybtvFOGdozQUE3+rpidfwpWpP+BYpMBCu4E+9JCu2SnN93rnmhm2oBUgPHU1EP4vrTmbcopi0AEf3qD3+tO/hqL+L8KAAfd/GpJfuD6VXfv9aPT6UMaCHqaG+8aX+GmL1pIoR6bH3p8/3KjTr+FNgMX733sfNUzrwWznmmbtufrSSNuj/GpAkZtyioGpyttTFM8zdxtzQA1qVe9Lt29sU122j72KBoi27nP1pZF2kfSmrJubGc0hXbn60DGyfepP4aP4ajoBhT1+6fmxTO9RD+L60Ej269c0x6F+6aiagA/hpu7auKd/DSf8szTQEPmUVG3WimB8SfC7/Sfj74ifABhiuuB7MAP0Ar6CT7mPSvnH4ISfaPjJ4gn4+SyupOPaeJa+h1kwxXbnb8v5cVpU3JjsSfxVMv3TVNm3c4xzVgNtjArMoePu/jVuJeje1UovmUt74qdJHZcD7tNAS+Z81OkbdioVXbIfpTt20L9aq9hMj1qxbUtFvrZC3mS20qKnZmKHH9alstSt9Qsbe73qsEoH3f4WIGV/PP50GQ7uu1M/OT09qq/wBhac1+l49lDJdg8bhuUOOVYL/e56+wrRS0JNQ5YF2LK5+9t7kcZ/LFOibdGeSee9Qxnamzbnnrn15P05zxV6JdsfTFT1GiN0V4yrqrKwxg063tYLVAsMIT1C+tPWnLTIZMrMw+YYpG7fNikRk+6Ww1SMu3HOaARKP9WOc0/wD5Zimj7o+lKrclfakyiULuUVOfljC/N68VFHHwv0qXbtYVID0Xbjr070evy55obpSR0DRO3yoDjFKJPMYH2xTf4vwpn8TfNigosW/32qxDn5v7uKr2/wAuDnPFWFk8zJ98UCYq44xUu75sfN+FJFR/FQSTKu31/GoQu92BXIqZc8fLlc1Xkx5jbRjmgTLMbK2Nh2AcYolZVYZftVTnzF/u5qZ8eZxTRJLDJ85w/wAuKlDBgNpzTIV3A06JdufrVAPH3fxqwV3Rg1E33fxqRPuigCUrth/Gom+8PpTqjloBiydqkH8Py54qNO30pf4T9aCSx/D0xTVpF7VLQNEf8VSUyTtUy/cFAxv8NJH94U5actAMm3bWFPaT5aZH/qz82Oab+OaBIfM26MU+3/1f40xfun5c0+3+8OGHPagZMPut82OKbH0HOaf/ABt97r/FTI+p+tAFhKkkbauKij+WTO3PFJMfObOMY4oAm3bsUi/638KSNdsg+lLL/qz9aTAJG+Xb70iLtWo6WNf3m72qQLEf3akX7pqozbmqw38P0oAayr5isaaGDO2PWnd6g/iP1oAuL900i1EtOj/1n4UDQ56h3PuIH3cVK/3qjagocF2qv0oqNqbu2tSbAsr901H/ABUm7dScf3sNUgSt938acO30qDnuc0q9aAJJuv4VFH94U6T71C0AWaa9Q7nXp92nRtuagCJvvCn0SY/vYbNRjOWyc80AOakX/W/hQy/Lup24Mv8AtUDQHG0/NhqjVirfMc02RmXhqbG25D82OaBsdu3OaTdtz9aY3fnNR/w/jQySaRt0f40z+Gk9PpTWbbUgOX7ppu75Mbsc0m7dRTQ0Ky7cc54pKB/F9KYzbVH3un8NT1KCT71QyfepytuPf/gVOehjRCy/LuqRG3LUX8VOZttSNjnqNaGbdTWbauKBIJG2tTd25hTN26l/hoGR/wATfWnr9001fvfhTW+8aAH/AMNQN/rPwpW3bh/dqJWCs+31oAX1+tO/hpjSUbmZR/dzQAsbfNtpjrtY0zjzDtqORtoI255poCSRtsf41DJMMKP4qJAJFBzsbHSodpXqc1QDJFk3Gin0UAfC37PsJ/4WV4mmLY22pj/76nH/AMTX0F5m7yxnPAP5gGvE/glaf8V140lwq+XKkO1Vxjc8h59+P1r2iH5mDew/x/rW9T4mYx+FFhl2vT920fjUG7c1Sr1pdDQtbt0Z+lOXdsH93bVdm2riniT5RStYCfcFjAWpo23Y+XNVo23VZSmgJ41+cnGPlpS24j6UsTfPtqbaqoc+tNsBnl7tre9W3/h+XPNRcbeKIm21IFmRd2DjFSMu2EVEG3Yqdduw5oAau3byuaeuOwxSLjacNjmkRed2c0CZPF/vYqf8c1CrbhSr1oEidKe2Mn5ctioqVYyzbv4aCiSNSwGRirCrtFQhQVBFT7twH0oAT/gWKGXcvXNBxtb+9UsS/uct97HFABCu1h9Kl/iH1qNZD5YyuacW3EHGOKAJW70zcyquP71SR96iZuo96aEyyZDtOaj8zPHvS7dqikj+7TIZMq7evTbSsyqV2dMUkf3akRd1SSPWT5KasnzU+RWUL/dzUIUM5w2OaaBk6yfvB9KkVtzZquy7e+aki+7+NNiRZpP4qgk+7T1+4KkbLH8NM7fexUjNtiFQyMzKMUCRMzdBv7U6Ndq9c1BztGan/u/Smhj/AOGlh70yRfmzQrbqbAnVgufly2acrFjyMVFH92nr1qRMn/vfLnilj+8OMcU3+H8aev3RQCBvvVMlMVTlT/DmnuwaT5aBkveoo/8AWmnN9372Kcv3hxv460AH8VTLVbdtbpinbt0w+lFwLS7cNlc8U18bUwlQfxU5qTGtQT/XHjFOb71R/wAX3sVJ+OaSG0PopjNtXFODblFNsSHD7rfLnimL90cYp27bRu3VPMUOSnvUVDf6r8aAFWlb7v3sUifdpsn3qAE42n5/mzS85G454oWj+KgBzUfw0M22jduWgAjztb5sLSNj5dpzxRH3pF+631oAlWkkX5d1Mj+7SSfeoAezblX61GG2ufrTHj3KW3Y4p8f+rXjfx1oAezbqbu2tT1+6eMUxulAEu7ctQtSx/cP1pFb5ttADGpKk+6pXdjJzUe3b3zSYDWXcwp+3bSN0psf3aQ0O/hb6UxfuiiT71Kv3TSbKG/xfhTG+8aGprVPMNDv4ajbpSNTZJfLjxRcbGNQvek378GmtQJDGbqu3PNS7duOMcVH/ABU9m2rikxjv4fu5qP8ADFN875SKjXHmfew2KkCbdtpkj5wB1pr5xyc809fuUXGEm6NQH64zUPmcmkkqFd3P93ii4hd27P1pGpXxufC55/pUXc8YpoB0n+r/ABphztX5crmoj0P1p38NUMBjecHZz0p569N/HWoKGzt+9haaEJ68Y5qPd23YpDjB2nNR1QEvk/7dFRUUAfJ/wngMGpeM3PJOsbf3gwGwobH/AI9Xokcn1jzzt9PpXmvgfVbHQ316O7nCXEmpzSsBGW6hR1A9q6qPxxpC4xdbe2fJb/CtL2k7mcYu2h0/me+afG25a5seMdMjuIgLzzN3OTE4/DpU6eMdKVlBujnOcCJv8KfMuhXK+p0UbfLt25qeJdq9Mc1gL4o0+RmZZ2x0xsYf0qaPxbpifK87x/LnARj+PSi4cpvJVuL7v41y6+ONH+X/AEhyF9YSaRfiV4e2yK1y6sDj/j3P+FJhynXJU6Z8xf7tcpB8QNCaFWFwzD/rgaWb4oeHYpGje7Kv5YyptnPDEgHj3BqbjSsdXJjccetPP8P0rll+JPh3YBNqR3Ac4tZKrx/F7wr5rRjUZA2CRi1kxx1oGdxDs3DLYbNT/wATc55rze1+O3gvUFjWDUJA7SNCgaxcLnAyauWnxm8LXXmNb3c0qxuY2P2Uj5hjIGaAZ38f3aJG+XbXDTfG3wza7Xlu5EX7m37Ix69+Kp6l8ePBumxrczahMFkOPls3+lBPKekxrtjqSDHPy5avKf8AhprwBHKkJ1S4aRvuqbGT/wDVXVRfE/RLlIpEupGVxuU/ZscU15Bax1Um7PzDFTBvlA9q4XVPiro2mW09xLdSIlurzswgJ+VULEYH+7WH/wANN+A3ZzFqNwkW8qqixcfjTdxo9ZRdv8WKtwr8u7LH6V5FJ+0p4FtVDi9vSCM4jszj9arf8NVeBo5MCS/ORn/j1pL0GexFt2evX+Kkj+7Xjo/an8EyKzKdSbt8touP1YUy2/ap8GBWymqL83a0T/4um2+wM9rj+7TZa8aP7WHgmNtp/tfP90Wq/wDxeKkH7VHgqSPPlasnOPmtI/6PSV5aIk9lj+7T/wCGvHI/2pvBRYKE1MnGcNaJj/0OkP7Ung51yq6qVDYK/ZkAz/33Vcsl0Dc9kj+7Uq/d/GvF/wDhqjwVHJjy9VTjp9lQ/wDs9Iv7Vvg4Z2waxIM9VtkH/tUUa/yicT3MfdH0obbtH97NeHr+1h4TVlIsNakTnd+4i/DrNVdf2vvDA2kaTq27nKlIVz/48386Nf5SGj3I53nPrUyV8/v+17obYMPh3UnwMYaeNT19qib9r6y8z5fC14gx0e9BP6Uav7JOh9FSf6v8ajfd5a4XPNfOU37XEMiloPDExkzj57umx/tcXAJJ8LL93H/H1Ryv+UND6QjzlsnZ7U+RtoXnPFfNJ/avuxkjw7FGpGSrXbfnwpp0H7V122DH4XhYf3hdk/zAo5X/AChofTDNuQU9VXapPrXzN/w1lfKxJ8MIx/6+qWb9ry924/4RiJR/ea9YfoFNHK+wadz6a3BmOOmal3ba+ZbX9rLUJBlPDsEi+ouTwfTkCmzftW6xtdv+EbtQ3AG66bp+FHLIat0PqCJt1I/f618zQ/tZanuJPhi3Y9yt039aQ/teX3mbD4chR+u03bBcevCmjll2G7Pc+mx2+lSdq+bF/a0ZkGfDJlbuVvTgH05Aqf8A4a0RFBfwvIp9BeZos19kXLE+kivyq27FOaT5l5zxXzn/AMNgW8YAPhe4O4Y+W9wKUftgWZGH8M3e0HG0XgJ/WjXsHKlsfR3mUqtur54H7XejsVz4X1JFx0+1x9fXinSftgaRBhh4Z1Ld2xdp0o1BH0P/AA06HvXzy37Y2h7VY+GNUVj/ABLcxE/rVhv2wfDyyI0ug6oo252+dHz154o1K3PoFfvn5c00ttJ4xXz837Z3hrBH9gaohz97fEeP51I37Ynhto/OTQ9YnRR83lvHyfT5mFJ37Bax9ARNupfX5sc1842/7anhWS3D/wDCPa5ABx5crQ5/Da+MfrRH+2l4VklyfD+rhRxnzIx/U1PK/wCUPmfRy/63rnilbrXzqv7aXhjcWOiaww7DzkprftqeGpIy6+HtXCBsfLLFnP40cr/lD5n0LLnzBubEeP1qWPGzg5FfO/8Aw2XoDYdfDOqbcdPtMa5+uKr/APDamichfCupgZ/5/Eo5X/KHqfR6ttbFCyfMa+cf+GydLZS6eFtQK+jXaVVm/bQsT9zwhcAer3yA/wDotv50cr/lD3f5j6d3bqctfMC/tnQbmA8JzugUHH28ep9FX+VVbf8AbmivLue3i8F3C+WM5/tED+amjlf8o1y/zH1Uv3vwqN/vGvmBf2zpdwc+FJCuPuyagCf0SsrT/wBuC6vNSuIv+EQUbSMZv/c/7FHK/wCUb5V1PrH+KnNXymP2ytUlYeX4ThAXI+a83dz7Cj/hsjWVQ48LWmM/de6b+lHLJ7RJ5o/zH1XSr1r5SP7Zmthht8KWSjHOLt6m/wCGzNR8v/kUYXPcpeMBn8aPZz/lGmn9o+q2+7+NL6fSvllP2zrnb++8IIG/6/u3/fJqeD9tFVbEnhBif9i+4/kKOSa3iN8v8x9Qx/eprfeNfMM37a9svD+EZx9L9R/ONv51BcftzaVaNGr+E7wF+PlvkI/9Fijlf8olboz6ilzs+9haamNvBzXzfF+2podwwZvCmqMyjG1buIrj8QOajh/bu8L2+oR2s3hLXELHd8txbsvRh3+lHK/5SvU+moqXb1bdjmvnNf21vDC7M+G9cXKggqbc8Y/3hT2/bd8LRsFbw9r7AjP/AC7/APxdHK/5QsujPod5Pbf71Bu3N0xXgDftreEJZAn9g67Fxn5hET/47KKWP9sjwg+SdM13IONoiiP6mamov+UOU+gGpK8Ak/bQ8Go2x9G1xDjPzRxsf0mpG/bM8ILtMej65O3PSOBfw+aQmocXf4Q5e7PoBm+XbUTLtjP1r56j/bS8Nt97wxree26W3H8iTVO+/bW0u3t5pU8K37bRxuvkH/sppcsntELL+Y+jJN20fNhaNwXG05r5Zb9thJ4YJbfwhOGYf8tNSAP6JVPWP21ru1ghltvB6FSMN5t7uO7J74HHSj2dT+Ua5e59Zq26l3BVb+9ivk7/AIbI1maCOWPwvZxBhna9wxP6Ujftk66VYf8ACM2Lnbx/pLij2dTrErmXc+qmkO0bvSmxtuB+tfKF1+2Jr6pF9n8MaZExX5w8ztk5POfyqFv2yfEagA+G9FHHLO8xP5KwFHs5/wAonKPWR9ZTttwKYW3EfSvki4/bB8TuA0ei6Ds6MRHcfh/y1FRN+2F4zZQBpWh57t9mlb9WmzR7Oo/sk80F9o+vWpkmdq/3c18dv+114187abXRI8jOBaSZ/wDRhFQ3P7WXjo7Q6aSozkbbTH9TQ6NT+UOeD+0fZnHOKRq+J7b9rfx+0krMdJkVWwN1memB6MKW6/bG8dW9m+yHQSc9TZSH+b1Psan8oKUF9o+1GpkjfLtr4ssv2wvHN7ahvJ0VZFPVLMgfqTV0ftb+NY1AMOjSM3zbmtGyPbhh6U1Rqfyl+0h/MfYrKFUf3qj52nc2K+O3/a08aKuWh0Yc/fW0fd9Pv0v/AA1140jUKLLQy2Mq32STn1ziUVXsan8onOD+0fX/AOOaSRtsf418hr+194xjJUafohz0/wBElz+s1QSftYeOVUn7Po8YJztNnj8fvN/Ol7Ka+ySpQX2j69ZtzD6U6vj7/hrbxsSF8rSIjj+C0qu37VHjnzC32jTQP7otKPZz/lL9pD+Y+x3qszbWFfGdx+1l46M2xbjTUOP+fIH+dVtR/aq+IkNrtXULJMnP/INgP81NHs6j+yL2kP5j7YLblb7vTvUKsq4zjp2r4p0/9qT4iXELBtVtWP8AeTTLcEfjgU2//aM8epJun1xkz022kAP/AKCafsan8pPtIfzH2g0ibjRXxlH+0V46ZARrikf7VpDn/wBAoo9jU/lD2kP5j//Z)

![Изображение выглядит как текст, доска

Автоматически созданное описание](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RquRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIxOjA1OjI3IDAxOjE3OjQwAAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAMwMAAAkpIAAgAAAAMwMAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMTowNToyNyAwMToxNjo1MAAyMDIxOjA1OjI3IDAxOjE2OjUwAAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAACQIAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAWAEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A5gJS7KxNhABkgjAHenBO/rQA2SJiBtJH0pRGxHYZHTHQ0+gBGrk4dCO//wBaphHSa1HcFU7m3DAHQ0zYwwC/y8gktz9aEgHx4KYLKCDxk5qTYTKmxgV5zg9/85otqFxypKJjkZQnj2q0EABJ4A60NdguSxKrqGU8VMmw7cEHd0x3osFyeLa6hl5BqwqUwJ0SpVQUwJlSpFXmgCQLTtopiDbRsFACFKYVpARMtRMtMREy4qtKooA5cR07y6gYgh5Poe2KeIsDAGKYgMQIwR+VRyW5wuwZ55B5oQEscIGf3YTnHAqVYdqgAcChjQ/y/akEOB8qj+VIYi7xEGZSCTyMdKBu6tHkYzjHSqsK5aSEDgAD6VIsA2lccHrSGSJbqqhQDgVKluqhQAfl6U7gTQwCNdozjtVhUoAmVKlVaAJlWnqtAh4FOxTAMUEcUCGkUwigCJhUbDmgCFwKrSCgDnFj56U/y6kBwjpwjpgL5eKUR0AOEdPEdIBfLp4j9qBjlip4ipgOEdSCOgCQR1KEoGSKlTKlAEgWpQtAiQCnheaAHYpwFMAxSEUAMIphFAiJhzUbDFAELiq8lAMwlT2oyFl2MAOM5z9KEhEjDAbAyyjOKcF2qOd3vjrRYBUKvGHAPIBx6Zp+F8zYeD25osA4gKhYgjBxzUipkAjvzRYY8RUFCrKAuQTg+1ADguVYopOBxxwaFyI1PL5OMgUWAkweqoSNuR7+1SICwU7Dz19qLDHxDczjGNpx9adFuYgFcHuR60WAsLHRKTFEXwDgc5OKSAnXBZlHJXqKHRiqEg8EEgGmA4rLvBH3eM/rT9srLwQuQMDuPWnoLUkCvtYcZz8p9qSSJn8vDEbWyeetCAZLC7tuU7TjGc9s0JCUleQkZYAcD0ovoA4imGkBG1RMKAImFVpPpQBlolKbdWbcRnjFCETCOlWFQu0KMelAD1iAJwMZ607yQeozigZJ5QPBGRSiEZHHQYoAcVCkZ7nApxgVmUkcqcigCQRe1OEXtSGOEftUgj9qAHiOnBBQA5YwOnrmlMaupVhkHtQBKFp2KAHBaTzEEnl7huxnFMCTFAwfwoACKYaAIzTD1oERmo2oAhYVWkoBlFEp6kHcMcr1FAhzKSqEA/eH4VJhg5yMIB96mA9kYAbR354p+yTdhRxkc0DHsrCNigyw7UFJCgKD5ueoxQAGJ/mLkAYBBbsasom5QfUZoYIeI+aUrtHNSMeI6SME8PgMDjj6UwJIkJTJ9T/Oo0hB+ccsTgsO+O9Ah6q7Km8YfP8A+upQmJz7r/X/AOvQxkmyoRkeXgknaMrQgLBUjcWI246HtUSR/KcZ4fPNCYMd5b+UVPJPAPp6UAHep9XP8jTESEUw0hjCKjYUCIzUZoAhYVWlFAEEaU9IcSls9RQBN5QYYNSCIYxjigCQRinhKAH+XTgntQA8JThHQA8R02SP5PxH86Bjtj/3V/OkSORcnYmScnDH/CjQB0cb7MZXqf4c96esTqMBlx/un/Gh2Ad5b5zlfypu2Tzl+790/wBKNAJMSei0eW5IJKZHT5f/AK9LQAw7EjehHf5f/r0CN1H3lH0X/wCvT0AXY399v0/wprDDJk55/pQIU0w0ARtUbUAMNRtQBC1VpKAEjTmpwlIB4SpVSmBIEpwSgB4SnhKAHBKeEpAO2U2RPkz6YP60dRkgSkiiZQdxzk0APRfvfWhoiZFYHgdRQBJtppX51P1H+fyoAdtoxQBHHFsLc5B6U48UdQEIqNv9Yo+ppiA0w0ARmoz1oAjNRtQBE1VpKAJIl5qcLSAkVeakCimBIFp4WgB4WnhaAHbaeFpAO202VP3L/wC6aYC7ZPN6fJj/AD/Slh3sP3i4NGgD0X5mHvSPuDqAOCeeKAGMJtzEDjsM1IRnYSCOeRRoA7FRyozINp5BzjOM0IBro7BOcEHJ560xYWG0ls4YnP1p6ASEVCf9aP8AdP8ASkgFNRkUAMaozQBGajagCF6rSUAWYl5NTqtAEirUoWgB4WpAtADwtPAoAcFpwFADttDJuRh6jFADAJW3dVBHynA4pP3x5AIwQQPUU9AJlHztx6GmxuXVsjawOOKQEX74g8NwQQemRU7LnH1puwhcUlSMhlcqwUdT0J7+1OqgGmoiD5gPsf6UgENMNADDUZoAjaomoAhaq0tAFyIVYUUASKKlAoAeBzUgFADwKeBQA7FOAoAXFKBQA6lxQAYoxSAMUmKYCGmmkA0000wGGmmgBhphoAjamGgCJqjagCFqrSdaAP/Z/+Ex5Gh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRvclRvb2w+V2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NDwveG1wOkNyZWF0b3JUb29sPjx4bXA6Q3JlYXRlRGF0ZT4yMDIxLTA1LTI3VDAxOjE2OjUwPC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICA8P3hwYWNrZXQgZW5kPSd3Jz8+/9sAQwADAgIDAgIDAwMDBAMDBAUIBQUEBAUKBwcGCAwKDAwLCgsLDQ4SEA0OEQ4LCxAWEBETFBUVFQwPFxgWFBgSFBUU/9sAQwEDBAQFBAUJBQUJFA0LDRQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQU/8AAEQgBugUAAwEiAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A8M2k96dtbnjr1qQqr9Dim7j6mvLsemRoxbqM1L5I27M80/y8UbDnPem9AGyKvJzzTNx/u/pUnlr6NS7DQO43DNv2lR24pMD0qUKB0AH4UeXQIi2k7+aNhqSk8r/aNA7jPJHrT44zTvLp+0DZ96gRD5dHl+1SbT6075fn4NA7kHlr8/BpNp9as7T61DtPrQMZ5dJtbptqz5dG0+tBIzy/am7DU+wZ3/Nil2j0pWHcr+WfkNJtA4w1WJI6Xafn5phch2j0pGU/JuVMf3V3E/mCKm2t/drirXw8njCfUH1Wa5njs7mW3WzjlZI1CncpYoQWyK0jHmVyW7HXMnmyBQgMi9Y8Mpb6YOKj2t/drn9OsZfDPiKDTbeaa4069jlkWK4cs1s6dQpPb6V1lKUeV2CL5it5dL5TfP8AdqxtHpSeV+76c1JZBsNO8upto9Ko61rUGhxW8ksMzRyzLCZI1BCE/wARz2pLV2FcsbR8/HtTwoXoAPwqdrZo2dDtzWLpOuPq2parCLfNjaTiCO6R1/eP91iBjoDRysp6Gh5IcuwOBUu0DnA/KpREAMAAD6Uvl1IWIfLp+win7DRtPrQO4eXmk8v2p2ak2GgLkPlD0H5ULH5hY45HSp6F+Xpx9KmwXGbR6Um1v7tSbV9aXcfWhq6uDdhu0elHl1N5IQbScmjYaQJ3I/L9qjmmhtGR55I4h/tNVuuG0vw3ML7VNR8TeZOFKLFFPMogA2fMQg44+lawjcUjsopknXKOsnsvRvoaG2RqT/ABlm9F9a5/wYyZ1y2tZfM0yC6jNnJncq705QMeAo9cVe8WzGx8N38qkofL25XjgvwPpRyPmUQ5iXStZtdds2ubR2eJG8ssqHO71wU6U3XNat/D9ibmZWlU4RFhXJd/4QM+tWtN0uHT8iOPG5FWXB7hMEj8eay/GUck0OlyIrSJa6hbTSg8gIBtYj0waFH3rA5XJdK157jVDpt9p76ZeLEbiPzp1kWePf8AMQ6/KCPTFbFYmtb4/FXh1l+Vg9woYcFlK5yfxroto9BTnGyuODuQbDRsI5qfy6Ng+Tg1iMZ5X3OKf5Q9B+VSbTRtPrQ7oq5D5Qfo2KfUgjx0GKyfE2uR+H7RXZd80wYQQx8729CT0qoxcnZBJ8quaXln5KdsNc0LHxLpNsL8anDq9wqebcaVJAkaoP4ljkD5Yp79a6m3ljvrWK5gZWikXeh9RVTjykqVxPLpMqmzJz3qbYa5a0fWV1jS57to/sd/eTW/2FoiDAg/1bKwOW980RpuauhOdjpm2yHIBzto8usq28RSXHiePTbe18yy2SxPeelyp3NHs+9gDvmt9Vjj/wBY3fH+83oKmUXF2Y1JMiji9qm2g9van+Xin7R6UrFXIM1PsJ5pfKHoPyqTYaokh2t6VLtb09qk2n1p+0+tAEOw/wBKsbDR5dPUNJ0FOwCeXT9o9Kl8ul2j0pgRrH5nSrHl+1LFHjZirHl0ARbDSeXU1O2L6NQAzy/u+/Wn7W/u1N5f3KUqz9CRVWIE2j0H5Unl+1TbR6U/y6YDPIX1p/l0VLsNOwB5dSdad5I/vGneSPWkA3yyNnpUu0+tP8unFWfoKAG+V/tGnoqnbk5qTy/ajyF9adgF2GnbDRh/SpKLAO8s/IadsNP3H5Plp8cZosVcSOOl2n1qaOl8uqGR07Yaf5I9adsNADPIPrS7T61NGp9TUm0egoIGeXjipPK/2jTvJH9407y/uU7ARbDT446l8un+XimA1Kd5IfocU7y6UcdOKBXIqdsNT7V/uj8qf5ftQFyKOEetTbT60bQ2/aMVJtb0oEJ/y0ek8un+UH6NijcX2YFAC7gmzIBpPJH940eXnrzT/uDaeTtzSsO4z5fu4O71pAoj25Dc9akKFzkHBqRY2YbS+T6k01oIj2H+tHlnzN3b0qXYaNhoAh8oeg/KlCqvQ4qXYaNo9BViuR8D+L9aXYetHl0/D+lKwXGbDQULdeakoosMTy81FsNWKZRYmxWj3fLyOetSbDUnlr/dH5U/a392hKxRB2x29KTyh6D8qseX7U2peoFfYTH1o8vvU20dM/rR5I/vGlYCHaPSjaPSp/L9qbtHpTAq7DRtNWNo9KZsNAEXP939KdtHycU+m0rARyR1AN6datblP8VIWB6jNICtyP4ffpUW5vSpdp9aQKydRVAR0P2qXaPSopI/ufMfzqrCuQyVEVZupzVjyR/eNG0elFhXK20/MdvTpR5fzO/apcn1pjk4xniixNiuWjY7jkij8E/Kpvs64x2qvtHoKZI05bqufwquzGb+HNWZFPqaR49vTj6UAQbgOMUzzN/RQPwqTy6XaBswMUFXGbD/AFqvIh+TmrdV5FPrSuMgzUFwoXoMVb2j0qvcVIrmcY9zO55FQ+Tzu3DFXBGUbyzzUMkIxjHFD1GeD7Ax3KGA9qWpgpAwDgUyucsfGx+Xinc/3f0psat8nJ/Op9hoeoEe0+tJsNTUx6AGbDRh/SpqfQBVClOq0Rx52d6nPPXmmbT607AM2n1p24+pp+w1h+Kr66htYbbT3WHU71xFbyMuVB+8zY9AKIrmE3Y2drelL5ezqxP41laReNpuoXGh3k89xLDElxb3cw/eTxbtreYfuKR7Ctw89UB/CqcbAncjpPL9qljjpfLPz1JVyHYablfRqnCsnUUu0elIRHuOMZ4pdo9Kd5dL5I/vGqsBDhiHXHNSVLtOc96TaPSpAj2n1rB0KE2/ibxFGWDuzwzgnk/OnzflXRbR6NXOG3msfG0U/lMbfULZoyyo3yypyueehHFb03o0Q9RusaPqTa9Hq1ldxTiGJoItMuAoTafvmOTfksfU1oaPq0Gs2Ul3CHjCyNFKjrzE/wDccfw/UUX+sf2K08moQtFpwKGO6VcqHPVHA5GPUVQ8O3AvPEWrX9lOrWMwjJlx+7eb+IjL5wa1srC9DZuY7hcJAFMjPuYyjAA9OKwo9K8T3Exjm160twOv2awBcf7wd8D8K6hVZc4XGeuKXyvlC7jtHQdhXNcshETINp2k1n69piaxol3YOwYToFyy52kdMVqmPJyeTRGhPU5qY6O43qc1ofiY6h4NbUrghbm1ikS4Y9RKg2gEe5qfwbYyaT4V01Hk8tzCss0gOWZ2Xe7ZPQVgeKND1HTL67Gk2v2jT9ZdftMUUbObd0fmbAPO7v611PiS3kk8M6vEudxtJEQvwSdmNvHauuXK9iF5k+l6vYazFctZXkV1FbnE7RyBvLPocDOD2Iq/tb+7XCW6pYXvhHWbNmVJraPT7mXZt875MRjA7qed1d7hk2ZYn8a56itsUncZSbDVjaPQU/yF9axLK/lpT6k2r/dH5Uvl07CuRbV9aTy6l2H+7+lLHGaLDIfK+5xXK6BZz642tie/vY5rbUbm2WG3m2+VGrfJksnJrsa5LS428JeNtUsbyVYbLVpTeW8ruqs0wXLqpAxyeRmtaaVrMylc19BvLi4guLa9UfbrNyss/wDDJzuWRR6Edq1dhrG0q8jvvEeptbnclusMBYL8pkD5YKe+F4z6Vo3d1PbGBoLU3C7kEqrKokRT95wG4OPSomuxalYtBFTqCaQqrB4yVO1DuTsc9eKsFXPUg1nalps94sUtpfLps2f9Y0KTiZfQjeuDUxKkZV5Yw2HibSruyhjiln823uGiULvh2dcDqV7elHjq3e48K34UZfyw8avxna+7nHtWpp+iyWuofbbu6e8vwjLu8sR7FPJKIOAxHBIq+1rHIjIwDIw2spGQR6Gtrq6YcrOVOu3t89zfafFAdKgODHIjCabC7neNgdny+hHNdJH5N1bh8ZjdFbaemOuPpXNWPhPWdHW80zTJrVdKupXnWe4RhLEzDDoVBwcDgHtXV2tslrBFbjcwjRYkPqPU06jXQVNdzlfEFxPF4s0eO1tWvJ4ILh1hL/dyNoYn0q99s1XT9Tslu0s5rC6kEBMMhV4X/hJ3dQaivZF0fxs95fLJHZTacsEFwtuxR8PuMRxyCR3qa1kuPEmuQXqRyQ6PZqJB9pjaJrh/XBP3I+x6mno1ZkanQbR6VDe273Fu0aT/AGaQdJIx8/8A3y3FW446eIQvIODXM42NzmV8L3S3Hmw+INRUbvuOqSD8jW9HA8MaCQguq8yycA/gKtNHu+9831p3lr12tmhyuBX2t/drgviBZ3Os+JtP02Fysn2Ca7jhY/62VXzgnuccV6TWJrei/wBpSW97buseqWLHyZtuAM9YnHYH2rai+VkSTkrE2k38es2EV+gKrKAXRvvAnqCP4SKr+GbA6fp5tQVkgSefySvQLu+VR6AelRQwaxJJIsdjZ6WbhiJ7iK482RyerqBHhj7mty10+KxSNIEeJFRVijVt6be5LHncfWlLzGlYbJJHH/rWVOq/7x/hA9zXIeIfDqabqE3iBLrE8MqSRQjrkttdSfeur1fRU1zTzbK7QTK3nRTwn95DKv3Xx0I9qxp9D1nVFjsdQuLI2CyI9xLbQsZZ9hyuF6DJ5q6T5XoyZI563vFsPDNr9ikkW4Sae7vBG4PybsyDkcFl4+ldH4wvJtP0/TZ4JUj8vUITNypxGWwc7wdp+lRa1qDfZdXsH0O+E13bTolxaQM8dw+zEe9lTPXrmpPGlvPH4TiSR91xDLaFSrrjeW2nt610yUajuzGzidSI9gdTyadtHoKcY8yu5Ykbm70m4/3f0rz7HTcKdz/d/SnbW/u1NHHRYLkWw0+OM1L5f36cMRhCSuPXv027semaErjGxx0qqV6HH0qC+1jTtJCG9vYbQSbvKMs0cZlx/EoLdPrV2PEh2gqxwpwvRl9QappolSuJtPrTvL+/Uvl0/wAukO4yNDUm0+tO6U+gG7CbR6VNtPrTKm2n1p2GNftThx04qQKNyh9uA2zdtKkn3BPFLtHpVPQgZsNS7DWNfeMtC0+8e1n1S1+0xt88O88f8CAxW1HILmINGwJbbx2Gf4ge4p2aVxJ3HeQvrT/JH940eSP7xp9UMd5dP8ketG0+tP2r61NgHbDSgMOhIojU+pqVKLAFO8un7R6UVQDPn96sIo9B+VLS7W9KAJKOlOp3l0ANjQ+tWNhqKORUO4gkVYoKuJ5ftS7DS5p20f3v1p2C4kaGn0/pRtX1pEhT6d5I9aXcPSqAdsNG0+tPp2w0CuN2n1qXy0/8epm0+tSoo9KBEe0f3v1p3nJ8nzH8qQx7+nFO2t6mgCYRY34GKdhvU03/AIEfzpMN6mgBw46cUu8DdjjHSnVJsX+6PyoAiBKdVzRtZTlhk+9THnrzRIp9aAGRofkp3l85xzTvL/2j+dOpXFcZRUvkj1ptVYYUZX0FCU7yR607kDPLpc07afWjYaY7DNo9KbsNSbW9KXYaB3IcP6U/y6k8v/aP50ff6cfSgLke0elO/wCBH86dtX1pB8nVQfwoC42mGMv04qXej9FIpo46cUrBch2h+gx9KNhp+wjpxTthqQuR7xSbDTj8+/CgfhS0Bch8s/PTdp9asbD89Q4f0oC43YaTy6WRT6ml3iqsFyBFX+6Pypuw1LS7ud3y4+lTyhcj+X+6PyqNo/M/iP51JsNNHHTiqsFyLEeNvzZqPy6m7571G5pkjcJ8/wAtVs1a3DDr82ah8v79AEVN2r607afn5o+XO7BxQA2odo9KmplArDMA9qb1qXy1foWH41HuT1oCxBJx/wB9VFViSM1FQSM2n1owD2o3N6USbM7ssB9aVirld6rn5o3zzVmSTf0UCq1FiSvJG27ORn1qK4j9Gq1Iy+g/Kq8nNSWeFY4Re9M8upZIyDkdaf5dc5Vxkat6VNTY1bCLk5p24/3f0oGJsCScg0bR6D8qk2sdhJJ/GnbR6UAQ+XS1Lz/d/Sjy/uVVgIfLo2t/dqbYaXafWmBDWDJH9q8eRjqLSxZl/wBks2zI9DXR+XWPZwf8VpqjbhvFrAgH+zvc5/QflWlOxEiyNJC6xFqACiWOF4Y5MfNhzkgn0B5q3mp/JG0jPHp9aTaPQVLd9hpWMq+vL+O48mw01rpnTcjS3CxRhvQk807SW1FvPTU4oRKj7Vkt94imX1Csd4/OpL2HVWuIJdKnsYT1ka6DSE/7mx0z+NLpOlXtru+06r9vD8BfsiRLF/uMOW/GnYVmXiynqc1Dj7/ymp/s3sKmrOxZWo8updo9KArJ1FMCLafWn7R6VL5f3KPLR+hYUrARbT603yRxwOOnHtiptrelZGq6rqFlIsen6Hcas/mbHXzoreOP/a3O5JFNJ9AujS8v5ge46H0oRFjChFChem0YxXPjXPEpXA8G3Bf1TU7Yj73u1Kdc8SKu4+D2A/vvqluP0DVrySM+ZHQ5pu1v7tYS3/iiQop8OWUC/wB6XVf8I6tRzeJW+VrHSEPy/wDMQlf+UNNQv1DmNSpdoHasGOPxU0nzv4djHvJO/wDJVojtPE5k3PqmkxL6LaO3/oUi1Dgl1HzG0VZm3Ekt696d5KFChUlTnK9uetYkvhvxC2yNfFflD+9HpEZP6u1Sx+H76f8A4+fEOpL8vy+THFF5n5x8VfKu4rmmttBawxQIkaJG2yFVUAA+w7VKQD1GazbfwjZQSLJJcanclTlVm1CTg+owVrZ8v2rKS8xrQi2t/dp/l/cqTafn5Nc/c2viy4lBtrjSLKPd8kEoklm/4HjgfhSVNsZueXTti+jVN5I9aftPrUPQogpvksO9WfIX1paCiDyh6D8qhu9Nt7+DyLm3iuYd2/y5kDLu9cHvV/yR60nl0wepTtrKGzgSC3ijghQYWONQqqPQAdKlPzBQeQpyo9PpU/l0fZR6027gYmpeJdP0y/S0uJRbiRPOMkzCONR/d3kZzVtdWs5olmS+tZUzuSRLhJEJ9WxzV+6tY75f9IghuI852yoGH5Gsn/hDdA83zf7E0/d/d+yx/wCFNcvUlpss/wBqWnyf6Zb+v+sHpioG8QaQud2pWi7RtXdMOT+Aq1/wi+jeXGv9i6buVeT9lj/wqWLQdNgx5WmWceDkbbdR/SnePYfvGW3jLQY1AGqWigDGC7Nx6dKY3jTQv+gnbt2+Wb/61dAtnFDH/wAe8I/4AKkWFI/uoq/QYovHqhamB/wmeiR/OmpoX+X5tpx834Uz/hONEhYFbxUIXIO0nkdD0rpB5gXaMhePl7cdKcssy/dZh9Cau8ew9Tm18baI8if6aDu+9iJ1xSr420NTuF7Ew+rf4V0bM7Z3Ox+pqVWdRgOwHsaG4voBzo8aaGx3DUYJB/wIf0py+NtEARX1O3B+rf4V0JkdhgsxH1qNogxyQCfcUXgBif8ACWaQd/8AxMrd/wDrmT/UVOviLS9wI1K1lI4BRh/UVqSWsc3+sjV/95Qaa+m2sn37OBv96IH+lZ80eg/e7lf+0LFwQ13GAeo39atnbNu5V8dNpP8AjVWXw7pVx/zDbVPpAo/pVdvB2kxl2jshENuf41/ka0fKxe8ajfMwcsCMg8+o6U3aOuKzZPDe4P8AZ9TvIDux5jSiVfyNPitNbhkRWktruHeF8zy5I5Np6naqsOKz5V0YlLuagixnAxk5/E96pa1pb6lbQ28b8Lcwzyhv7iybsD3rV8ketO8n5nfGec1KbRbVyvtb+7U3l+1PjDdxVDXJNWhtB/ZNvaTXDHb/AKXK6RoPXKoxNOK5hbF3afWpdpFYmj6T4jjuEuda1azz83+gabaEQ/8Af2XLV0W1v7tOUeUCPaa5jU2e3+IXh9leUR3lvcW8haQ7NiLvXC9MmusjjNcx8QNunx6Nrcsfy6beJliNuyKQbGJxWlJK9mTMo6DpNp4m1bxNdX9lb3MiXcunRJdRLJsgTuu4cFu+OtbPhFDaQ3ujmSST+zX8uCSViSImXcoJP3iKIdNfQfEd9MnmXdpqjhiiRl2t5gvP3TgiT17VJ4X33k+q6qwxFeXQNn6CJI0jVvxJP51tPQyjc6Cn0VUOrWb6pFpYuP8AiYPB5/lbPmWLdt3ntn2rl5W9jcs3BWFJHc7Qqs7N2AC1zHhvWtQ8daXFe2Eq6VbPnZJJFvkmx0YKeADXQ+ILOa78P6nawn/SZrWVI8dN5TaP1rJ+G2pRXngvTLZZEimtIEtZImDZiIG3LZPTNdEIrkMpXLfha+utSs5Vu1C31vcyWc3lcruT5gwz2Iq54kW7j0O7+xyx2txtXbNM2AiFvnOf73oag8LRi7hv71ZN0V9dPJAqDcNgTaCc+prSu9Nt9StjbXkUc8Mn345lDK31B61D92RZyXgbSbOXWNT1HS0ePSoQLZJt7lruTO5p2LEsQR0zXbNAZo3VXIaRGXIPKkjaCPxrndS0qw0LUtIv9NtY7GSa8S2litlCxvG6Pj5OhK4GPTFdbFGi7ccZ6/nmtKlnK6IV2ecafeR2fwnuo3ijeSFZ7N1lUBJplZ41JI5JyBz7V2nh+xOleG9LsZZTLJZ2sUD7xk8Jg4/HmuEvdO1DTfE39m2sNtfadaSf2xcwA/vv3jkbm7DDEnA7nNeiaffQalZxTwTLcIxYCWOQMisr9DgZrStG0dCIPWxPGh9ak2t6UsaGrG0+tcp0DY0PrUmEfopFJtI71OFI6cUAN6U6neXU20egoAalO8uipkoATy6kQ0m0/JzRh/SgBalpNo9Kl8ugBphEgwDgUsanCLkk04IR04o2nOc80AFT+X7U3aPSrEcZqgDy6No9BS7T8/JpNp9aVgF8xH6AiljjqbyQNmDijaB/epgGw0/afWpfL+5Tdp9aBWG7R/e/WnUnl/f/AN6l2n1oEA46cVJ5dHl1JtPrQAzaPSpdo9KI46fsNADKXNSeXQY98nHAoAbS5J71J5dHl0AHl0bDT9p9aKZNhtJsNPp/lBOrZqh3IaNp9al8pvk5X71Mw/pSsSSVHh/SpI2J38Zp+aZVxm0+tMp+aY9BIJR06cUbT61LtHpQBFtHpQWz1Umpdo9KWQ4jzQBW2kdDijYasbR6VFIh9aAGUbj/AHf0p9N2nO7JxSsOwg46cU16fSeWf/HaLCIPm/vGjDeppd/G3ac0tFgIvL+V3LEj60nkj1p+w7cdvSm7hlmxxTAipHUYxgYp9Gw0ARbh/tUzafWpqTYaAK+w+Z14o2j0p4ITfncfmo2GgCDJznvSeX+7+9Uu0elRbj6fpQBFtNRZOMdqn2n1qLyz89ADdw9KZuHpUu0elMkjoFcRmVehxVfav90flViRSmxCqk/So5I2+7kZ3UBcb1qtsNTZo8oP0bFAWK9QyL3+bb6Z4qw9Qb3xjtQSMqtsNWahkQ+tAFTax7VHT/Mf3pOf7v6VBVzw+RDSYf0qz5eaChfZg4rGxViJVWM5J5qfy/amGLOzIzU2H9KLDuM8um7DUu0+tP2j0osMh2Gmxqfm56dKseSP7xpPL+779aYrkfkj+8aTYal8un+XQFyL/gI/KsC8MWk+Klu7nMUd9atD50n7tN8b7thz0yCcH3rpaintYLqBoZoY5YWxmORQynHTINVF8pL1MCbxNDdb7bSn/tG9AwBCm9F/23kHyj6AVtxwse5pbXTbazj2WtvFbJndthQIM+vHep3Qr0OKqVvsiG7Ovv196Qx5znmpo4zRsNSVcjzSbDUvkj1p+0elSO5W8ulKk9Tmp9rf3aPLp2C5HTgAOgxT9o9KI4zSC5Fub0pRGowoBDY259vSpNhp+05znmqTsSQn5l2nkelMCqrZCgH1xVry/am+X7VFvMCJVCjAAA9qqalNHp9jcXs2fKt4jIwXgsqp0HvWn5C+tQzW8VxGscsYljOQUcZBz14qotoDO8N6l/wkWlWV8ITE9yrOIc52jd3K4qj4P8RnxNDeui8QyEL5fOY/4evc0eA4ZIdAls7pt40+7uLQP3OH3AsO4I6VmfDa3FpNrkAKhIbpA0Y+8uOlbOndNmXMjsvLx2qQcdOKoaxrMGhwxSTRzStO6xQwwxySTTOTjCIisMBfmJNS6Xq1rrpuDbSSLNASstrJBJFNEd3yhomTOD6g1zuMkrmqaZMY88nk1N5dO8un7DQ12ArSW5uEaBZDG8qMoaORRID6oGGD+NYcngW3kk/0rVtcuc9N2oyRqn0CKmK6nacMM8N1HrQDIF2jIHpVqTQ7EPkj1qXy6dtHoKXyv9o1k9SiHy6No9Kmp20egqrDuM8v2pdo9Klo8uiwXIfLp+0egqXy6XaPSpC5W8vjHal2H5DUuw0bTVWGM8un7DT9hpVDA7nwBSsK5HgHqM0eXWNeeN/Dun3UtrcavbxXCRrPsG522n6DGf8AZq3B4g0++0ubUrW5820hWRyfLIb5V3dDVKLYuYu+ZsZyeU9abCyzR7433J83R9wb6GuSsry98UQ6PaPK1o11ENQuRAxUrH/CgYevpW9oVrHp2p6npsAK2cawzw20PSPegDKvoAVJ49TWsqbiJTua+0egpJCsKF3OAFZ2bsKlx/s1k+JLp92l2Ue3dfXQV4x08sLucY9KhRu7D5i9ayR6hbpPBLHcRyfce3lVwf4ew9akGFz8yjH3m+8B+dVNF0ePRdLjs40WMKzyBYwGRMvuCgHgDFZV5dxeIPFU2jiWZbexjWW8WPI3SOfkRj2AXkgUKmncbdjpCdrKV2sj9DiobW6jv4/MgeOePd1jaqml2M/2PUNLSZnntcxwksWZVZf3QLHkt6t1rnfh8llpeg6Vqj3Edgs8JsJ7Nm+VLkS4Bx18wj8Kfs1a5HMdxtNIse0YAwPas5dSkj8aR6bJCwgaxM6zbvlLbtrce1aVxcW9nHJNcyiG1ReZGqHGzsXcTYaUwq3VQeo6evWptvG3ac06lYCHy19W/OpO2O1SCPZ15o8uixdxtZusaDFrAhLXl5YyxDEctjdeXJj3U8Vt+UPQflS7DzT9CXqZ2j6WumW/lC4ubxv797cCQ/mK0tp9afuPrTqdwIulRXVnb6hZ3FldRiS1mG2eCYfeGc4+lXNo9BTwoUYAwKXoJq5yX/CBoYxZDW9W/sxPkNjFJsbyv+eW8J5n611MNpHbwxwxRpFDGu1I0UBVGc4AHQZA/KpvL/dlP4DwV7flUvl0+aT3BKxF5C+tYQ8JyDxYdYF0wiZPKNvtfcWznOc7MZ56V0e0elIYt+wDgYxVK8dhjdp4/wBk5HsfWufvvAei6pfTXj2bJJMq+f8AZ5jGlwgfcUlUffGP415rqvL9qBHtORwc5/H1qlLl2B6kUMEdvCkUUaxRIMLGigKo9AB0qpqGmy3F1HcwXTQ3CIypHy8RX1aJeS3vWn5fO7tUrReYCAOPSp5tbisc1Z+GZ7vVrW+1nUv7TktMPa2sVt5USSNn5sF2d2XJwScjNdH5dPPzKynlW6jsaTDfJxQ7sa0OZ1rR9V03XE1jTLJNRiaIW13aB/JcjflSpPycd+Kf4E0/VbeDUZtUSSzN1ePPHbSXInmiV+obHCge1dR5IznAzz29etL5fT24Fae0bVmRy63Dy8VLsNLTtp+TmsyribW/u1NHGako2kd6BjNp9al8kf3jTto9Kk2H+7+lAERRX6Aip41HpSjjpxS7DQAu00+Nx6U7YaRY1j6g0AHl1JtPrTthqWOOgCPavrTto9Kc6j0H5U/y6AIdrelWdpHejafk5pc/cqlqK4saGnbF9GpY1PrS5k96HoFyTA9Kkpm4/wB39KloC43a3qad5Qfo2KKcIyI+OKAuNo2GpfKb5Pu0eSP7xoENp9N2t6VJQAbSO5+7T6KdsNACEB+jYqQKR04pgUDoMVNtPrQAzafk5o2n5OafTtpoAbRTqNhoAEUelB5680+m1VyBMcIvel4/vfrR3z3o3D0pgFJtPrS7h6U7cf7v6UAM2Gm7V9alpnl0AFL5b/JyKTafWn8/3f0oAbR14p1HP939KAGbj/d/Sm9amkcelQ0AN2j+9+tG4Yx2pdo9KNo9KCrkdL5lJSc/3f0oJF7571DT80PQAxKjMe8YHAqSmgkdDigBPLopfOP90UbR/e/WlcCttPrSmPfswx/OpaYCR0XH4UwICSevNHH979aSigBm453Y4oxzuxxup8inCDPFKNiDB6UAVcP6UlTbj8/NQ0AM3D0pJEOUbtT/ACR60mTjGeKBWIGYsclcn3FM2HOe9TbT602gLFaSM0CEDoxFTSUygLlSRD60zy1zuy2PrVm4qLtjtQSV/k9ai61JIV/uj8qgc0AV5FVvunH0qvI7DtirUkajocVXw5O7Hy1AHjW4elS+UBswcU1tkfWnVka3EEZTrzUm1f7zfnTSSepzU+w0EkO1vSl2r8/NS7T60nl+1OxVxvl0bTU21c7s8UyixIzYaNp9al2Gn7R6UWAi2j0pDHv6cVY8hfWlEeOnFFgK4QjZjil5P8a/981PgelJ5Xt/FVCuR+Ww38ikjjNS+X9+n+XigLkOE/uml8urHl03yR/eNQMikAH8WKaVDncAwHtU3l+1SDgYHAqxXKvlvndhcfSl2kVY8vjHajy6mwXK9K9TeX7U7aP7lFguVyrP0JFSeXUojx04paLDIfLp+B6VLtHpRtHpSA5HVLDVtE8Q3Go6XZR6jDfRhLqzDrDJvV8pNGGdQeODmo9D8K6lpuqR6m15am4vQz38SW+Yy5fKKjK4JIHBJrsRCFzgAZ9vWl2j5uB83B46561r7R2aJ5Ucl4uK6Zq2ia48oWO0na3u2ZgpjSWPazMCD+lXtV0mePxJpmp2qs0qg2t0Q3DwFcj6lTyPSuhaORsE8qvQHoKVY9q4HA9B70OV1YaViLaPSjYan8v2o8usirDfL4Ve9MG9OtWNhznvSkk9Vz+FK5RFsP8Ad/SjYf7v6VaojQ+tFgK3l+1L5I9an8ujyvv8UwIvLpal2GneX7UAQbT60eZ/sj8qn8ujyF9aVgIvLphUP0DCrfl0BCOnFVYor7DUjQhhgqCPcU8qX6LT9relIkq28ItlIto1gDEMRENuSOh470TWaTQTQSY2TI8UufRxgkfQcVbCkdOKRo92AeR05qlJomx534Dt5Ib2AHe6WdvLpd2shLtBcRPvRmUdFK8AjtXWaKEv9a1W6Q+ZDG0ds0qt8hcZ3KfQDJ5HrUmpeFrTUL9ryJruyvTGIHntJ2jeVAMBWUnBIH8RrQ0/SrXSbFbK3gSK1VCqJGoXaT13AferaUuYSjYfhvU1yPjDUI9J8RaTcmJ5jbWtzJHEvyeexGFUE9CRxXYWdq9vZqlxcNPMn+smaMKD9AKyfGfhyTxFoqw2svkXsMqy2l0pwBIvTPsadK3NqEhNNutQ+0S2urW0EFyV81VtnJiK/wAXzdcp+tZHh66TT/Hni6xldYp5mtry2I5MkbR7GZM8ZHoatafHrmqa3pVzqVnHpttZ28hkZZo5Y72ZxtUIqtvwp9TxVzXPDtxJeQ39lZW+oMUZbu0umSOKdf4SCwJDD1qlZX8yXdl6FF+3Xr7lXaIk+Zuh2u2B6nAH5VznjLwzppmtLiHS4I9Vn1G2D3CIwbAk3FgvTcfXrW5pvhuT+xvL1NvMu5ZWuGkg5W3ctg+Ux5JQEj3Bqiuga5JqWnwXtxb3Gm2d0LiO7O5ZWwmI42QJgnPU1EbJ6sBPFE39l6xpGryER2ySmzuGkX5ESXgPkc4Dcn3qrr95Hr3inTPDQWG+gj/0nUYuN0SKMokgHHzt8pA6V2U1lDcxPFNFHLG67WR1BDDOcEHqK5/S/DMHh3xdDNp9jHHBc2M6N9nUBfN8zcxZ+pLVUWralWZ0OGznJzSbR6VP5f36PL9q5Sxpjz15p20egqby6Ta392nYdxuw0/y6l8ujYaLDIto9KdHHUvl+1PjVvSiwrkXl0/y6k8sZ34OKk8uiwXIqftPrUnl+1LsNFguM8ugKR04qx5dHl1QXG+V/tGnbDT/JHrTthoGN7Y7VKFI6cUeXUuw1NgIo4k9Wp21vSpOlSxofWqArBQnXcafsNTFSevNO8ugCKp9g9Go8r7nFSfP70CsMw/pU1O2n1o+VOoJoGGw1JuPqaSpfJHz80AHl0tS0vl+1ACVKYs9WJplP2n1oAKkyR3pfLooAeqg9RmiiND61L5dADacfn3YUDHTijyz89LkjbjjPWmnYkdhx2p+abuPqam8um9QFoSk287/mxS7T60APSn+1L5dLGqnvmgA2GjYafTqAG5p3l0Um4+tAC0+jYafQAypqj2Gl2n1oANx+fil8zZsY9KXafWjaCMEZFAD6Np9aKXzFfoCKAE2nCrnmneXTdrZznml3H1oFdCUnl1NtHpTdp+fmrJGbR6Uu8U0qH6bhS7DSuAbT60bT609KNw9KYDdw9KdSeSH6HFN2n1oAfTc056ZQAYB7UzYafIh9abIp9TQAbh6UynbDRsNAEW1fWm7T61LtX1plABtHpUUiH1qbcPSo8Oe1ADaZUuw02gBlMp9Mw/pSsA2mRq3qfvU/cf7v6UUwIXUelRfKmxjuIqbcPSmSdAO1ADZJHwFwuaaeeqg/hTUWRmRztIpdx9aAGPUOH9KsU3Y+XbcMUARUlK9H3+nH0oAZUVSvVfNAPQKi+/04+lT1B06cUEDCxbqufwqvIzDZxirG0+tRSdqCrFbyQf4jUUjD5+BVvK+gqrIp/u/pQSQ5X0FMfpjtUmwfPwahkNKwHjUtup681JHCMIuead5fDL3p/l8571gWV44ydnerHPz/ACtR5aNGNpYfSrew+Z14oAr7DTvLqby/uUbDVgQx8jGwEfSjy/apskfw/pSbW9KAIto9GpfJP94VY2n5Oab5Z/uD8qBXGeSP7xp1O8uljJP8OaAuM8un4HpS+Ucbd/NJH1Ru1BIeU3y8jnrRsNT+X7UeXQBFsNHkL61NsNG0elTYq5Cij0o2j0qx5ftTPLqiSCneWfnqXy/an+XQAzy/al2n1qXYaNhoKsRbR6Um0egp+w0/y6BkJj39OKPLqyAB0GKNo9KmwEPl0bR6CpqTa392iwCbTjGeKTaPSpqTy6oCCnVPtX+6Pyp+1f7o/KpsVcg2GpPL9qk2j0o2n1phcio6VJ5dP2j0FKwXItho2mrHl0eXRYLkPl0uw1P5dLtHpRYLkfl+1R7R6VY2n1pPL9qLDG+XR5dS7DRz/d/SqJIgpHTil2n1qYKU6rS7R6VNiivRsNWjCHCKAAaPL9qLAV/L3BAvAxjil2ncDnleh9KsCPHTik8umA3y+lJ5fBHapthp/l0+g3ZkSxmHd23Zz75OT+dCx7WLDhvUdasGPPXmk8ulqSR4+bdj5uue9Ise0uRweuRU20elJtb5eOvWmA3aPSneUOuBnIP4joaeij0p9D8hkXl0nl1Z8ketG0elTYCGOM1J5X+0ak8vFHyv0UiqAbsNGw07D+lTRop75oHcZ5dLtPrUtO8ketAiLacYzxUvl0m1vSnZoATYad5dTeXRsNADfJH9407yQ/Q4p3l0oQjpxQAzaPSn+SP7xp3l1L5ftQO43aPSl+/04+lO2GnbQOgxQMPL9qXpT6Xy6AG0tO2GnbR6UAJUm2TG3jNO8v2pe+e9ADthp5jz15p+w0UAJ5ftT/LpaloAZS7T606p/L9qAGeX7U7avrTqNo9KAE8z7lS+X7VHtHpU2aAE2kUuadtPrTto9KdhXG7T60m1vSpqX7nXn60hC+QvrUlFG0+tO4C7jjGeKkjhB70zn+7+lTR0wDafWmY9qsUfL/dH5UAQ4f0p+H9KfGp9TT80ARUoj2deaWlKsepJoAM1JsNNqWgBm0+tLTqKACjyz8lH3OvP1p9ADKOnTin7h6UygVx8aH1p20elL0p1BI2jafWnUVY7AOOnFM2GlzRmoCwlNPz7McU+kHHTirEA46cUUtFACZK/eXNDqPSlJJ680zafWgBuSe9JuY9v0p+4elNzQAzNGadTNhffg4oAbtX1plPooAZTfMenU/5vRfyoAizTKdtPrRQBXk39qduPqakpmw0ANqvuPrVh6j2j0oAiptS7hhFwM0nl0AtSDc2MY4+lNq1tHpVfavrQA3cPSmdsdqd5I/vGj74ZRwaAK+0+tG0jocU/afWigCKRD61DsNXNoPf9ah8kf3jQD1IY2J7ZqLafn+7Vh1K9Diq+B6UEDdo/vfrUfl/u/en0SMw4xgUFXK/l1BIrep/OpvMHoaZJQSVdx9TUXl/fqbyz8lN3j5ffrQK55AI9hyeTRjYdxUkU4knqc1NvUxpls1hY0IgAOgxU/vUew1a8v2pARbD83t0o2GppEI/75zRHGasCvIh9af5f+0fzqfyQS7E8Uzy6BXEo8v8A2j+dSeXTvL9qdiSDYaNhARR1qx5dHl8570gIJLfccrwfal8vjGOKn2n1pSpfotOwDfLPz03afWpqSiwDNho8updhp/l0WAio2j0qUx7+nFHl0WAi2j0p3l1L5ftS7DRYBnl016l2n1pPLpFXIKd5Z+SpfL9qXaaBjPLojjp9OWMx9adhXIjHv6cUu0+tShSOnFJsNIZFT9hqTy/ak2n1oAZUvl07y/al2n1oFcZ5dO8un7DS0DI/L+5R5dWfLpPLoAjplT+XR5ftTsBHuHpTvLp3kL61JSAh2GjYampm0+tBVx+1fWmc/wB39Kl8uigkaVJ6nNJtHpT9p+TmpfK+5xQVcgCkHIODTql2j0o2j0p2C5FsNFWPLpPL9qLBcaij0p3l8u3an+Xwq96XacYzxSC5GVD9AwpasrH5f8R/Om+X7U7Bcg8un7TUu0elCUhkW0elGw1Z8oeg/Kl8v2oAr7DT/LqXy6eij0p2Ar7RhF+bNSiPHTin7TnPen7DSFci2n1pfL9qm8ujYadhjPLp/l1L5dLRYdhtL5Q9B+VLsNP2n1pCGU7Yaf5f36WgBNhoMZfpxUu1vSlCkdOKAIqlSl8v2qTaPSgBPLpdo9KfGoP8WaXa392gdyPavrUuw0nlfc4qegZD5Q+T5qd5dTbR6CneXQAeX9yjy/apNp9ad5I/vGgCPNSeXTNhqxsNArjdo9KKn8vedwGBR5X3OKAuN2j0qTNJsNAYp1XNAXH07y6Nhpdp9aAuJ5dPp20ejUtAXCn+Sf7wpfLp/kL607iHeX7U3y89eakQ07YaLARU+ljjp/l0WFcI4zT6XAH8X60eV/tGmMM0U7yR/eNFAD9zDt+lFPSl8ugCLYafsNPSkw/pQAeXS7T60uadtPrQAzafWipdho2j0oAZsJ680u4/3f0p2G+fijD+lVYBmw0/aPSnglOq5o2GixA2jNSbR6UbR6VI7BsNNp+5vSkyfk+WrHcNo9KbUtRUrBcPJH940VLtHpUVMVgkjNNp/B/iP50lAhtJtPrT6bvFK4DHop+1fWkpgRU1iV6HFOkQ+tN+797n60AJ5ZyjdqKVycAZ4ooATaPSmpRmhuOnFAETmjcPSnUbR6UAMpr0bg33ty02Q0ARlTJJx0o2GnByG3ggCjcvrQBBgZzjmm7j60/cPSk8kf3jQC0GyKfU1XHyYzztbmre8HfSGNDIc8560AVaBwcjg1LtX1plAEW4elMp9RNKY+q0AH9+mSRuO4p20+tFAEEm+mVJuPqajoFYjKs/QUeYp7GnBiOhIqPYfU/doJK71FIh9amdwg2kZNQeZ9ygBm0fJ81VqlqJ6diTy7av90flTNq9No/KrHl/u/ehFHoPyrE0uRbDVnafWmeSP7xqxU2C5F5f+0fzp8ar60oj2deaNrf3auwXG9sdqcY9/Tin+XSBWHQkUWJEoqXaPSjaPSmAyOM07a392pvLxS7T60rAQ+XShSOhxTtp9aKLgN8tfn4NL5ftU9JsNLmAi8s/JRtPrUuw/N7dKd5dUBAFI2YOKl8ketP8uneSPWgCLYaNhqb+5SeWfkoKsRUm1vSrMcKnvS/x0rBYrRxmjYaseXijaPSiwXK/l1KY89eaftHpTzGX6cUySHyR60eXUvl0uw0rFjPLpnl1a2mTfhcU3y6QDdo9KTy6sbR6Cjy6dhWIPLb1FO8v2qXy/alpDGbDThHs681NtHpQVJ6807ARbR6UbR6U+nfJhF2nNMCHy/ajy6m2GjYaVgIfLpUUelT+XSCNY+oNFgIdp9ad5dS+XSxxmhK4B5I9aKk8sZ34OKXyR60WAh8ul2j0qxtHpSeX7UwI6TYal8g+tP8ALoAi2HOe9S+X7U/y6dtb0pgRGPPXmn+XUvlN8/3aWkC1IfIX1o2j0H5Va8hX6cUfZ19aTViyDYaJIzU/l0vl5pAV9ho2Gp/LpfJHrVCuQ7DT6fS7fufKaViRKOf7v6VJtb+7T/LplkaU7y6m8tP7ppDGX6cUriIo4zT6l8vFHl0hjfKH940vl+1SbR6Ubj/d/SnYBu4+tP2t/dqTaPQVIAE6tmkBB5Z+SjYaseXRtHpQOwzy/anYb1NSbDRJGaBEUan1qfy6Xy8U/afk5oKGbDT9p9adsNG4/wB39KBXFpNp9al8ujYaAuNjjNS7T60bWHapkoEN8zAwOBTqk8oeg/Kjy6AD/gI/Kgx5680u0+tS+SP7xoAZ5Z+en7R6U/aaPJH940ANw3qaTYal5/u/pUpi39BigCLYUjyTT6eeevNFOwDafx/e/Wk2r607y6YDto+T5qTNY/iPXH0O3higtDe6ldN/odqzbUf3ZhyAO9V/CGr3t9NrdnqU0Ml3p955LNbxhYmUruBBbmtFBtXMuY6LYaWn7h6Umw1NjUfTvLpIZEm37AJP91vu/wCyfenZpbDsJtPrUnmfcpmad5dFhBS7j6mnU7yR60ARVNTdrf3adS6ibsGaKFyWyqE9V2sQRkvzyPSnUeoC4b1NOzTc06rGNJJ680ZpKfSTuTYKdTe7t2pu4+tCVxt2HZocniuVvvG80mtXGkaFp8Wq3kAJmuJrkRwp8/zRjG4kj1rW8N60ddtS81rJZXcTmK4spyN0Ljoue4PrWrptK5K1NTNFOpm7l22nFZgK5orzPxDqniiy0P8A4SG71Y6Ni5jW20SOyicyB24WSRmJy3t0r0e3EsiIjkCVgrM3YH0rWUHFJi5h2w0bT61zWta9e3mtHQdBaCTUo0827u50JitVK4RNivuaRm5xnAFbumfa49NtjqRhN8E2zfZyRFn1Bbms7O1wuWxGzMxVWkCpuwinc3uMKRn2qPCKVB2oW6Bs4X6nJrh9f0GLx146ttO1Sz+16Lp9mb42cgYQyzu/BO087e+ai8A6PbWfiPXrzRbJrHw+AtvFHEGWCSQf6103H7q9sda19muXmFza2O7paKKxKG+Yp7Go/JB6sTT9p9aZQAbV9aj3L60sgbsKPk/uj8qAG7T603tt77qMN6mkyc528/SgApdw9KSh6AICxPU5pJKfTvLoAh2rjG0Y+lEkaD0FSUzHtQBDJHu+7x9KbuP939Kmpm0f3v1oAipNrdcUbT60uZPegBNo9KbIw9Ka7H1pklADPM+58o/KoSxbZlc/Wpsn+7+lR4f0oATNFOyco20YqLNADNq+tRU/DfJyKR6BXG016dUe5fWgkpTFZJHwDUe1fWrj7R0BBqu6j0H5UAV5Iy33ePpUHZ16mr24elVZI+XPekKx5rIrdAKSOPZHzzUvmULzweaiwxvl+1TbR6Uu1fWn7BhFwc0WAjVQ0fO4/Wn+V/tGnKHj6ilpiuQLJE0jbZBIcqCy9Nw6Ajtmn/8AAR+VZOiB4fEHiONkWP8Af27ruRVYgpgh8feIPO41NceIobXX7HSpIWDXaSNHdZ/dHb/yz9c+9VZ3sLmNPaPSneX7U/y6XafWiw7hRSbfufeqby6QXIfLo8v2qaihahcimZLeOSaVlSKFfmNccPHV/p9rBq+raN9k8O3G3EiT7rm0/utcRbNwD/7J4rX8dK7eHWQBozNcQxNtbHWXBH5cVr6hpsV7pd1Y7PNgaJohbYxx6fStIxilqSTsnONwY+i9G/2gfSn/AC/PwaraTby2Oi2VpPh3ggWIn2Cciru5vT9KixZH5dK6j0qvq109jpk8/A8tWfNSrcJ9iF0x/dNEsjFOcLt3Z5oSuhXH+SPWn+SP7xqCxvrfVtPjvrQmeCYbww4K/wCyR61Z2Gk/d0Zd9LjPLT1NEcdTU/AHagLlel8v2qby/an+XSJehW8v2qQR46cVTsdYiutZvNOkHlS24SWMMy750P3nAxgY9Kt3lxDptu893Oscca73dxtAH4U2rALtHpSRx1Yki9qXy8UixgUjpxRtHoKftPrUu0egqQK/l0VY/wCAj8qSOL2qgINhqXav90flUmF+bleVynvS+XUgRbR6U5o/L61N5ftQyFuvP1qgK+0egp/l8571L5C+tL5I/vGgCGOEHvR5dWPIX1pQip1OaAK2w0pUnqc1Z8v2o8v2oAi8v2o8kDvU1J5dC0AbtOMdqTy/arPkj1rG8YTXWneGdSuYPlltkaZSflJAfPb24oWrsJuxpmLf0GKf5ftWXrGuJo8mlyOyra3VykLb/lwrL8pyPWtna3z8VcouKTYJ3INx/u/pRHGateX7UbQO1QMr7DUm0+tTeX7Uu0elOwEDKI1JJ+QKzu3pXFXviDU7zS7rxJpd1C+j2glcWLwqhuYkb95JvZsrn+ED8K3fHF82l+DdcuY3KmGyldWV1BLFMAdPXmr1vphtfC1tYRhQkFgsSED5c7Mfd+vP1rSKtG7Iad7InsbhL2GK5iOYZNrp7oV3Zq1tHpVHw7pkmj6DplhOQ09tbpAzDp8ox/LitDa3pUNXNLjfJH940bDVfTL5b6S9jCnFrcNCze+3dUllqVlqF7fWtvMXuLJlSeNBuERK7tuT1NTyvULk+0elRlFfoCKs+XQFI6cUriIfL9qk2n1rPXUZ28THTFgUxR2YupZs/Pjc6qoXpk4H5Vq03dCTuGw0bR6VlSahPbeJk0+QYgu4JJYH2N+7KHc6HnkkdKg1rxHPp/ijRNCtbPzp75HnuZpOFt4lbb8uPvE9s1XKx8xu7j606MD0qTyvv8Uu0elZlkJjLyccCnbTJvwuKfHtztTaX/usx3L9QDUg46cUAtSHy6ftHpUu0elczqfjCSHUpbTT9FutVS1AN9dRSLHFCCu4kbhkkelaRXMJux03lpSGPPUZptjNFqFnDcrkRTKrxS+xTuKt+XUNWdhrUio2HbjYM/8APTa2xfrzmpfLrjNDuLmX4seKY33G3jtbYRrIcqzN99wKaje/kDlY7Py6MA9qo3+pC31DTLISfvrqZowYxkcLu707W9Ui0K2t5pjxJNHCvmcct64o5WRzFzYafGSv3lz9al8ujYaTVjVajaai+ZvwwqfaPSqtjpaw3lzIs0jGY7gsjEog9h2pElqneX9ypfJPz/dpdpoAbSU+OM0bDTsAuakpmw1JSASjcfk4rn9L1DUJfG+tWl3JGthFaQS2iqvJ3P8AMTVnxJq02k6toMCSLEl7dtbPuXO8beo9K09myOY36btX1qTaPk+9SbD/AHf0qGrFjqUR46Ow/Gk2n1qXaPSkBFUqKPm4qvqEktvaO8Fv50/8EPmqnmfiRxWRouqa/dag1vqWjQadEU3C4ivkmDt6YA4q7Ab+0egpadsNJuGd2w4oA5fRbf8AtLxlrers67LIfYLf514Y/wCtYccA9/WpvAtokq6xqm8kajfySxyuM+ZGo2LtHYVF8P8Ae2lX0cuS7X1wjMeo+fI3fUcV00MK20cccKiKOMYRUGAoznAA6VrKTTsjCw6n03yj8nziquiR6itlGNSltnu2dixtxmIR7/U85qDW5leDt8d14ltyRiHVW2t65TiqnivxRe6X4i0uwtmj8sJHcXPmLgyqzbdq46GrmgL9n8ReI7c7d7XEc6rj7+9NpYewNc/q0DXHxWsLd3XE1v57n+55Z37fqe1dUYXlqYOTR6KlP8r/AGjUMjtFGzLC052bkhU4aRvTPaqfh3WJNc00zS24s5onaGSPO4KR/ED3Fcuu5tzGp5Z+Sq9pqNrfSXUdtJ58lu/luIz0b05puqafJqaJGt7PaKf9Ytq6o5/4Efuf8BrmPBmg2ui+KvFFvA91cossMyJdTSzMoZf4mYnc3vVRtJXHc0/GOpXGl6PLcwSsGgkj+7KBuUNyT9areMtevbSxsrDTCravq8otrZtvES7dzSH6eta/iG1F3oOpREEs1vJtz2x0rA8ItHreoW9/KWlNnaR20dxnKR5TEikd29WrWCXLdmMrnReH/D8HhvTYbGBneH5yDIwMjZ6sM8Y+tT2erWOoLILK9tdQ8ptk7Ws8chjb+6QrNx7ijV9FtNYt2t7uN5baT71szbRKv9x8feX2PFcmum2kXxMsl0zS7LTrez092uZLS3SBNzN8qFUA5FRFKV7lXsdxTqKg1C+/s/T5LgwzXRRf9VbQl5W+gHFZmlyhq/inRtB1C3sr3UVju5ziK3hgkuJi3p5caN+pqXS9UXVfMeO1vbWNP4by0lgLfTzFFc9pOr6XocbW+i+DtbgVm3SNaaQYxKfVncqSfrXT6VqlxqJZzpd/YiP7n2qID/0GRqucbbIgtbR8ow2D1pl0wtYZ3YYEas/z8cbParDk8c1FNGs0MkeCdwwfcelRHQuSPJ/hjCLrxRLdvuef7N5j7ufnlfc3zewrrtLtUPj3VZVXaqWkXmMONz53YPrxXP8AhjyfAepeIbXULgeSXR7Pds82aNvuRogbDEdya7vQdPezhle5w13Oxkmcd8jG3Povb0rtrS7GMLs0aPOKDBGRVSL7X/ak28wizKKIlyfN8z3HTFQatr1roz27XLrDbSvta5lcLGnyfdOQT+NcaVzU426XWbXUrTV/FVkl5Y2LGSMaIWeG1duk0sRTcfbH3a7i3ukkszNvD2v+s8xf4l27sioJfEWjrE5m1ewWLad7tdQ+WynqBhs5NZ3hPy9Q0Gf7MHfTRJKkGF2qse7CAZ5Axxgdq6pbK5kcZ4G+IFnb6fqd++n6nPZXV7K9xqcECPbx7h8sWS+5Qq8cdBxXp9vMtwomibKuN8bd64Pw35Hw1XVdMvob1IpHaaxhhtHuEkjYYYLsRhk989a6rwlbXcOj2i3ZUTeX5gSPnyV/uHPU0V7J6Chfqc54/t7u+1CysNBvE0/XNRikSa9aFJRBZ7trybi+0EnoMVf8F3BsfK8O3FtHbXdjboV+zxFIZYANscoLcjnqKZr+m+IrXxOda0KDTb7zbdbV49QmaAIvmbuXXk1f8P8Ah24tNQn1TVJYbnVp4/JeSFHEUUYOVijVjvbJ7k0m0oD63Nqih6K5TS4PTKfJTEoGN3H1qPYafRQAzyz89RbT61ZqHafWgAMJfowFReX/ALR/OnDiRGH3fSigBmw0vnH+6KdtPrShVTqc0AV80z7nXn61LUe0HqGNADcP6UySM1PuPrUWSe9AEHz/AD0/zB/e/Wk3H1NN+X+6PyoAJEX1pnl0/HtSYHyfNQBDuHpRmkpJAB/FigBmTjHao9hqaos0A9CHaPSmyVPtHpUVArFXcfWmyR/u84qztHoKgyfWgkjy5G3IzUUkZpdwznHNL5insaAK24elRSSVJISNny4qr1oA882GnRxmn7DT9pFQAxKs5Oc55qPy08x2y230qxtHpQAh56803y6k8ofJ81SRx0Cscp4mV9BvLPXbW2a6hj/0e+EUTMwhbjIC/eIPSsPUvEmha/468Jx6VfWupXUcswka3kYFFZfvBCMg+2a9J64z26fnmuK8Waxpmk3+nQwhobu0v4JnhtIcDDDa2/HBb611U2mtjPY7HYaNhqnrGqf2TAoKGS6mZYYIh0d2fapJ7ALyaq2fi60ulh82O4t45GdI7mW3McMrhtrKrHnHoTWXK7XKNnyh/eNVrzUrLTlzeXVvZj5v3lxOke76BmWr/lj5OVrO1ixS6jjk/s2x1SRX2p9qCrGVP3iJTG4XH0pLUY6x1rTtYZxp15Z37x/61bedZPK/2m2MePpV7yF9aydJ0t7S7ea40vTLOQxLCrWMjHao6xugRAD7itnyR/eNOdlsBy/jtlj0OPIBxeQY/wB7zk5b25P511GwrI+7n61k+KdHGsaJfQRmQOVLpsKCUsh3KMMMc4H5Vb0nUl1rT4b77qzKCQ3y/wC8Co6EU/s3B6Fp49pJHBoSaF7j7OWVpfL3+SWxKq/3jjjPtUyxiTPzdDhuejelYXh7wmdFuLydLsTRXE7zbWjJdGZeQ8juVCj+EAcdqgpalnxDbrJod+j/AHPs8nNQaTE2peD7BZ9pSexhRz03KyY43Vralam+0+6gAU743TGKyvAlyl94V0pU2qYIVtnhjGfLeMbfLJGNv1rWGsbozbsc/wDCu8+0aRJaYYPFslZozlQSmGDMedwPNd35X3PlNcR4EuoY/EGsMXjiTVphc2DJsZZwvySKhAHIHzc9TzWotvDr3ibW4LubUA0IhNtHDqE1tCqleSPLlTdn3rSrFTncUL21Ok2j0FDKY+o3843KQw3enGKoaP8AaYGu7K6fzWt3UwXEki+Y8bfd3LjBI71Y1bQ7LWrM219b+dA7bn/eEAH1V1wQa53o7GpS0maSbUtXjkctDayRja6smzcv8RJ/lWrtPrXPaHodrpXiXU4obi6giVbeVbdZh5YUptO7dwCD6V1O0elFS3QInKeKGOm6rpGqEYhW5W2uG/6ZyfKSfoam8eWa3HhO8tAW3yiOLb/fYvyBWr4g0yPXNFurRxtjnVh/tKduQR7g81h6PrR16fR0nRGuIhK97btID5UicA5xwSeRWkLNXZm7o6mRjJI7BcLu6UuP9mudn8Qai0l9eWcVhPo2nyMs+9pDcTMq7mMe07OeykV0NjeDUrK2uoGLRTRrODGc/IV6c96ylFx1ZopFLVNUTTvLU21xdSsWKrbQs77fUgHFO0fVodYUhbe8spov9ZDd27o6/TK4NP1HSb+7kimt9Um00qNhZIIpEdfUq4OasWsN5a2rJeXsd40bfu5Vj8vH++B8g/AUWLJdhp2z7nzAUu0+tR6hYtPZyormGQowhbOw+Z747Ukribscjo+lTaxFf6k97dLd/aphbQpOwhhEY2iIJnDEnua6fSb5dTsY5tpDSABx/cbG1h+BrkvhnqMsluj3FpJsv3aWWeONiqXQ4likJOUGeQRXS6MyrqGsW8RxFHLG428AM65cfnzW1SNtjKD7mntPrUUsNz9uhlSZDZhWSWHb82/1B9Ku7R6UnEartK4Aw8cfOPxNYpXNbkXl0vkj1qZFWQowPFL5Xt/FRYZF5dOMIPUA/hUnln5Kdtb0qQItho2Gn7ZPanbDQAzyvucU/wAv2qby6KAI/L9qhuLdbu1lgkUFJYjFIpHHPUEVc2Gjy85z36+9C0ZMkeUeJl1HTvC+k6NqOnTTmHUbNY9Shw0DQpKgDyOflUkEjAHevVZFkkkZ/lTczblHAFc78RozH4bVipwb6zJ+v2iPmupkj/eSe7tmuqb5lG5nG5XVdxDKwYK3NZGsXWsQyrFo2mWt/I672kvL9YI4/wAkYmneFLqe+0X7Vcqsck1xMwRRs2gPwDmpdU8I6N4gnE2o6Rb3syjAkmjJYD0ytZK0XZlE2kvftag6tBb29wp2k2krSQsPUMUU1e2K+zBqvpOiWmi2v2OxhaGEHf5W+QlP9kFicD2q4IUBRhkCobsaHOePrV77wbrMUCGeQwk+TF824g7gAD6itfS7lNQsbS+t9skU8CvGyDdn86vtCsbbifm45+nArkLOPUfCUb2NtpV1remRtI1q9rLEJLcF8+U6s6gBRwMdKuD5o2JlLldzqLjzY7eZ4oVkk2l1WRsIzbflBI5GaQLIyR7srJs3PF6N6ZrP8L6fPa2MlxfsBqN66z3SkgCFvLyIhtdsiNeD6tW2VJBBOQeT71MvdKWpz/h24WHWPENtIFUrdCcxlGXO9MBs56VgfDe4Z9Q8TtMnl/bLpNUi3Mu4wmPamRjrW7rnhH+2rsyRagtrHcRCC72QlmkjD5CLIX2ggcZx0rQl0Af8JFb63byG2ZYPsssOfkmjH3Bu6gr29K2548rRGpYt76G6nu4o2yLaURytj+IruIH0qV6yNEjlt/EHieEhtjXsM6j+I7odr4Xp1rdaMydFH5VjK0S1qcPHa+I18a6itnqGkMZbOFhHd2rojqrkBFZZGKlSSS3fNdnZpO1uguovJmP+sWMlk/BmRTUn2OAXK3DQqbgrsMxUb9uc4z1xnnFT+SOPlH5UTlzbAo2OX8bW62Mek6weBpl/HK4/6Zs2x/wqzo9r53iXVr4gZjji02OMoyHejlnYAndgMwHXsK09a0mLXNNubSbPlzp5Tg8jGc5/Pmq/g3w83h3QILR/9czSSz4LujSOwdvnJzjgflWvN7grGkp3S+XlY5cAk7shV/hJHvUGqNFb2M8ktw1tFtwbnKoij1D4x+lZ+i22zxZ4keVl84NbrEhzuEapj6EZ5ro8MGZgSGYYY9yPQ1lK0TQ8ptf+Ffi5ji0HUrLT9bVo/wDS5rube2W53l2+f8a9SEWzqM1ZNxcMFBnkIXG0bzxjpihQG6jNKWuxCTRUd0t1Z3U4RWc+Zxx+FcJ8FdTm1rwTHf3Vy019dytcXjO4bezNySW5Py8BvTivQprbz4XRTgtHsb2rz7Q3v9BsNMspPDWrN4gS2NhFdQRLJbzbRtUvKJMbQemela02uWxnK51nhNW/sO1GPubkT/dVsKfyrZqKxtTp1nBA20eVGiNsGOi5OPxptuuoreSLNbW62SpuSSOV3l3ejqUwPwrF6u5vEsxx1ySwxx/FKM72zdaO6Bc8ZWXH8q7PaRXL+IPsuh+K/DuoTmRjL51kGG1TGWG/LHB4qodSJaDPF+2G80C6YMHTUkiLPwFDR7SRin+PNPF54bnCqd8Lx3Cnudr5z+XFXfGGn3d9Y2X2Gz+1CG/t5ZIA3lEx7/mwT3FXfEllcXeh6ja2vNw0DCNG67vTNXzCsWraQXFtFMOjqtPjjNR6TC0Ol2kco2yCGLcsnGGCcjirXlAfxGsXqap2GbR6VLtHoOmKPLokuI4biCCVl8yY4RD8pcjqFx29zSsIWipdo9KTy6Q7DdrDtS7V9al2n1pdq/3R+VO4iOnfKnVSaftX1pTz15pDsczr2m3dtrFvr2nILmVF8uezjkVfOiPQDcODXOawuv6p4i0DU9RtodK0e1v1ht7CSeOS4kZ05llKM20D0FekrIFVnXjCsRj26V5r4g8WXuvWGnSnQbq10dtTheLUHkh8uQFtp3RqzOv4Gu6i31MankeoZPrWfrmuW2gWIuLlpTGWCBkid856sdp4ArQChN2Qxrl/HPiSOxtJtPTR9Q1WW7jMe21tZZYRuG3llVj1rliuaWpXMdNbyJcxiSM5jIUqfVfWpKxPBdxC3h21t/OuJZLWNbeaWa3ktyG29cSKMit/y6crRLWpXubd7i3eFJfsxkTaZY5F3qfXawxUGm6bcWplF1f3V48m05niQD/xyOtNfl6cfSmiPaMAYHpU8w7CJTtpcOASB6UU8KR0OKm4jj5lu/CeqX1ythc3+m3kqyPFaIzyxSgbSfKByQT71M3jGS8CRafoGu3M0owrTWT20UbesksigAfQV1QUqAAcAdPzzSMoY5IBONuT6ela8ysRylXTbGS1s4UeTz5SqGSTO9N5+9hjzgVajY7icnPrT2AbBIyRwM0eSPWpuOxi6z4Si1q4juYru8066SL7Ol1Yy+U5j/uMdjIT74qCDwNp8OmiOGe7lvVIaLVbuczXe4DAJfZjaP7tdKfmznnjFOb5m3Ny2d2T1z61aqNIlxuUIRd29mVaVJ7sJxMq4Vn9MVzPh2HxTa6Zp+l2ekQ6PbwZim1TVLiNhIB98pCjbjntmu0VQcZAODkfX1p3zddxzRz6WHyh8yxIgIBqtDp8FrdT3OwNNMQWJHLY6Z9cVaj7fKPyp+1uuOazHYiZSylW5VgQQehB6ioNH0Sx0K0+z6fa/Z7bfnywX27/APeY5xVyjocjrQm0DVx/r+dclonhnxBZ32oSTatbRWtzM08jWNqrXMuH4UyONqge1dXvFPyflHZentTjLluJ6iUen+z09qKXcPSi47CbT07UbFxjPFEm9vujH0o2Gpt3Yw2Fepz9aXJ9aceevNO2j0qxvUqSWsE1xHK9tA9zGMJM0YLqPQHqKmwMAY4HI/GjnOdvP0p+4elNtsgYfm680ya3iuEZJY0lRhhldQQfrmpnpiVKuh2Mw+FtCieN00PS0cHO5bOMHP5Vf8oAg4GVGB7VNtHoKbtPrVOUpPUQiuyggMQD1waZ5ZznbznOcU6l3H1NF29wfkM3NuBycr0OelO/+t+nSk2GlqXqIhop2w03afWmFgqLcPSptw9Kj8z/AGF/KgZFRtPrT9w9KZub0oAbmiiiSTH8I/KgBj9qizT80nz/AD8L+VADdx9aDz15p3P939KKAIM0bj6ml2Gm7im/IoAKip3z+lHP939KAInpkcZqam9KAIXNGB6U7YabQAyk2j0H5Uvlf7Rpu8UAMplG0+tCUA9SKQ/fpm0+tSyVHmgBHqvViqu0/PyaBWIG5+4oNQ7j61caMp935fpVV6CSD+98x46c1B5Z+erPlrndg7fSoqBXPP8AaM7s8VJsPyf7tO8mPrzt9O1SJWdxjNhqx5I9aZHGaseXTFciwPSn9Kk2j0FEcdC1GQbTtd88VxRaWX4X3c8fyXFxDLdTRyRsv7wPuIbB5wPXpXe4G3GOPSuQ1DwjrSTapa2F3YxaPqS5mjuzMXtHf/WiNUXcwPua3pOxnJGl4itZ7zRVuLGM3NxAYLtII2/4+F6lQT0JHFZMmu6I/h9NNsYLq+NwGgSwjgkM0bMc7ZAMEBTyCDxXZRwrHBFGhyFRFA9CBg1Y+fbt3HbjGM8Y9KpVLKwrMrx27LHGp2llRVJPr61NtOSe5zk+uetG00+sG+xpYj8kYAwMDoMUvl1Y2j0o2j0o1CxFsIGBwOv6YrlBpuseGdcurjSbBdY0u+Yz3NolwkM8Lnq8W91BB9DXYbDS5NVF23Bq5zvhSPVJpdVv7+A6fBeTq9vavcpM8SqmPMcq7IuTyQBzXRbTu3Z+bAG7vx0p0ylgATkDp7YopS97Ya0GCPHTisC/8A2GpXl3O0+pQJeyA3dha3rRW85Bzl1CbhuPXHWulpcfKF2/KOg7URbjsDsyi2j2DW8EDWsJggIMUZjG2MjoVHbHtWXrHhu8/tqHWNLl8u/UCOaCaVxDdRjojMqMUI9RXR7DQ0e7rzxjn09KpSd7sH5GZoVhfWdrPPf3EJvZ3ErfZ1cRRKfuxRljlj6k1pbWOMjp0qRVC7FA2tzyPfrR8/vUN3dwGCPbgjgjpR5dS7W9KVKfqC0ISpPXmmw2UNvLPJFFHFJOQZXRQDIQcgse/wCNWvLo8kf3jUa30G1c42bT7jwr4mvdRt7Se+03Uisl9Y2sTPPHKBhZlQHJyOG5571ueHbCax8O6fDdxLbyrEGFup4QDopPrWuse1VUMQq9FB4FJgYIxwTuI9T61o5OSsxKNgwOOOgwPpShSuMHGOlSeSPWn+XUFlfy6Np9aseXRtHpTTsJq5zN14avrG+nu9C1K30+S7DGe0v7bzYmk6+agDqy7j1APNXNC0ePR7Jrd5mubuZ2muLqX5ZJGP3mYdFUfwqOlbax+UuNxxwcZ9OlKY98Yx65FW5NiSsMx/sD8qwPE1w032bR7Un7RftiSRRjyYf45c9sdhXSxq3cVUj01l1iS9MoJliSNYiPRuQTUrQbRLHDHDCijLGNNv8AvH1pdpqxgelHl0DIvLp+0+tO2cbe9EaH1qAGeX7Uza3pU20+tWPLqrAV9ho8urHkj1o8ketKwEFY/iQ3UcNrNC8sVtFcK92IXRX8kdQu7vXQ7V/uj8qJIY5lIkAcHqGwc0o6O7B6nnvifwsNM8PRyx6tql+DfWrBtQv2lyDcR5VUKhSR716BIh82RuzPxXPWPgOy024k+xSzwWEkq3MlhGyNEZFOQ+0jcgJAOAeorp62qSukkRGJnaXpUOk25toWYqXeQlu5d9xX6AVb2g9QKlMIbqc9/wA6f5K+YgzWT1dyrFbygM8Dnk8dak8vjHapfL+/SbW9KT1KsRNHu68/Wl/u/wCyCF9geoFS7DTvL9qSuhEGw7kbv6/Xk07a3pU3l0vl/wC0fzo1BaEBjzknnjFP8vGccZOT9fWp/L9qbz/d/SixRCsIViQACepA61IFI6cU+p44vajUlaEB56807y6d5dPjjJ2d6ZZF5fBHY8GjaMYxxjGPwxVjy6PIX1pjGeXhUA4GMY9vSjYam2mipd+ohNo9BR5dWNo9BQY9/TikOxXEe3OOM9fepfLXkbVweDx75qTyR60UtSXqRmEKQVG4jp/KnKrR4yTxyKlEQHRiKcQD1GaYxnl0iho/ukrznjjtj+XFS0vl0aj0I1UqAFOADkYp/p7HIp1SRxe1AyAIVyRwc5p3l+1TeXRsNO5Jm65qK6LpN7eupkW2iaUwx8lj6AmqHhXSbpJJtc1Ng9/qESqtuP8AV20Z6RK3U+5NbepWUV/bSW1yu+Bk8uWJxg49QRUtrbrbwgMWwqLEefmcHqT61pdWsAvl0bDU1MrIdwo2Gpdo9Ka9AhPL9qftHoKNp9aXaP7360DuRRxfK4xx6V5VereWVwmg3NkttBHq1vLpe9SQ8JO8gH5envXrmw08Mw6DHOenfGM1rCo4mco8w0knqc05VKkkHB9vrmneXUu0elZX1uUNHBBHBHQ0vyetLsNMEWzfkZo1Ka7C7DTthpPL/wBo/nT/AJvVaAuN2j0pdx/u/pTql8lvLzlaBEWw02pdp9aTy6oBtP2j0o8s/JRQAbDRtPrT/K/2jTePMf5qAE2n1qWnoo9KKAG+Xj+I/nT9x9aSigAopMP6UtACCPZvzzS08qT1OaKCbDKdtHpT/Lo2GgoTJ9aSnUUAFLRSbT61YBsNM2GpNp9aKVybDKKKdTKG0PTuf7v6U2ggZRRuP939KKACm0ZpjmgBd4pmaNo/vfrSUANoejyv9o0zNABSYf0paXcfU0AR7ZPM3YXb6UzafWpMmk2n5OaAIkplPoegCJ2PrRub0p1NkkFADfM+/TWZZOhp+0elMZQvQAfhQAm4+tJtPrRS5oAhyvo1R4f0qzTeP7360AQ0ypNw9KZQBDtPrRtHpT6jw/pQBBv++u05op4VkOSST9aZQBFIaiklLfdXH0qUsZOi1GFaPfkf3aAG/P6VGAE6tmpXMkezOagMedmeaBXEkZvSqkiH1q08jJHkkGq0kn36CRkkjgY6Cq1WPnPrVeRD60CsceVV+AcCjaG+6MfSiNT8/wB2n+SB0Yis7DDpUu0+tJ5eyPJqztHpQ2KwzaPSl6U6imtBjPLpR8qgDgDgCpPLPz0m1v7tMTVxsUWOgxS1L5Zb7vH0p3kL61QWG7R6URwj5eafTvLxUDG7DTo46m8ketHSrAh2t8/FG0elTbeNnzZ+tJ5dAC+Xmm+Wvo1S7T60/NAEeE/umnbj60u0+tGw0AMKs/QU7afk+Wpxx04p21vSgqxX8vnPen7T60+pdo9KVgsV9p9aTy6seXRtb+7TCw3y6Ty/apNp9aNp9aVhkfl+1Hl+1TbDRsNFgDaPQUtSLH5mzFHl1IEWw07y/apNhp2w0AQlCeq5/ClHHTirGH9KTy/aquAlO2HaV/h9O1FPouBD5dPjj5dj0qXy6XyhjG44ouBD5fOe9Hl4qx5I9ai2n1osAzaPSpvJH940vl+1OjjO7BVXl3Knlq+45/DihO7sBH5I9aPJHrUvl0eXTegEdL5X3+Kf5dSbTUAQ/PwMcA5FO8un/P6U+hJ9QWhD5dLsNS+WfkqVFHoPyoAiwPSiND60+n+UB/EaCrkBRX6Ail2GpRvHQYp/l0CsQ+X9yjaPQVPtHr+tGw/3f0oCxDSbR5ffNWPL9qXyh03Glcoh8v2qTpT9rf3adt/2KLk2Idhp9S+SPWjaPSmURU6NQe38VP8AL+5TvLxQA2iOOp44tv3hn60uAO1D1Ai2n1qUKw6DFGw0/wCf3pWHcTyTlG+XFP8As6+tN7Y7VLHGaQhnl+1M2t6VPTtp9aAGeQvrRT9hooAZtHpU3SmVNuHpTsO4yneXTvLpaLCGKm0YXgdOKNpLZPXpmn0+i4EPlBOrZo8upSAeozRsNFgG07y/an+XTUNIBlO2j0FSfJ7UlABRtPrRtPrU20/7NOwEeH9KXafWpNx9aSkAZpxUnrzR5bfPyKXNA7ieXRtHpUhUP0bFL/wEflQFhtLk0iU96BBRTqKdwG07/gI/Kin+V/tGi47DKNo9B+VPp20elMRHmpNho2j0pc0AFFFUrfVra4t5ZUuI2hjJDyKflDfwjnnmqsxXLuG9TRUm5PWk3D5OBSGJGh9aKXJHeikAZp1NozQA7YaZuP8Ad/Sl3H1o+/04+lOwCbT60uaXPzOm4ZpadxJ3Guaedj9KTYaAoHQYosMNo9KNho2HKNnilzTFcZmkpaKCSLNJUu0elRbT60DsNpm0+tS7V9abtH979aBEe0elNqXn+7+lRUAFN3D0p+4elR0AD1EWZ9+BipqYGA6cUAMpP+BH86TeKT7nXn60AEhI/hxUeafuJ7mo6ACjaD2pMP6UtACDakfIJqOlLMepJpKAGUu4elJtPyc0zafWgB9V5N/aps0dtuedtAEG1vSl2Gl8x/MQUzcfWgBjc7tgBydxXdyoqPaf+ejfmaesEdvIXVMuRgtjk02gBsn+rzVfNT7SeM1BQAOoXo2PpURYnqSak2USR0ARyEtjJzVfJ9ankY+lQbh6UEFWXJ4Kg/hTZI9/QYqSSU+lN8ygBgwkeSxJ+tUtxX7xJ+tWTz15qpIh9aAOU8upfLojjJ2d6fh/SoAQknrzVnYahjQfJwTVylYVxnlN8n3aNo9KfsNO8umMb5bfPyKftPrUnl/f4pdhoKsQuhXpx9Kf5dS+XmlqySHy6dtb0qbaPSl2n1pWAh3H+7+lS+XT9o9K5/xjqUum6es8Nz9n/eKX2LuyQdwUZ7EU4+87IVze2nOc80mw0tnILy3gmVlxIqv+a1P5dD0dhjPLo2j0qSk2GgBvkj+8ad5I9aKfQAbR6Uu4/PzTqZtPrQWJ5dSVJ5dLtHpQK5FtPrT9p9adTthpN2GRJR5Z/wDHqfsNOjQ0xXG7DTvLp6VLHHSuFxoAXoMUbR6U7YaXcPSiwxPK+5xTam2n1pNo9KLAN2n1pPLXG3LZ+tP2n1pe+e9IBuw/3f0pfLqbNG4elOwEVL5dS+X7UsZJ/hzSAZtHpTI46l2t6UD75VWCyBd7KvIH4mncBK4P4ifaNch1a3t7hhFpdlJerFBKFD3GP3QY9128lTXex4KlyyuGXjbXM6hpFxJ4Y8TLMfMudQW4mx1MbCLYg9/Srpb6mU/I3tNnkutNtZpFVXkjikkGP42RNwHsMn86t+Xy7dqzPDN0L7wvotztJE9jAyyf7TJHuGO1a/bHaok9bGiYzaPSjYan2j0FHl1IyOl8v2qTaPSjafWquBHsHo1L5I/vGrPlf7RpPJGd2ePSpAr+XTvLp+w1LHHQBHtPrS7F9Gp5Vn6Cn/P6UFXIPLT+6aftPrVio9relAyLYad5ftU3l0VIEfl/7R/OkzJ71LtHmJxS7T60AQbW9Kf5dS4b5OKXZzu7VQrke1v7tP8AL4Ve9Ow3qak2HOe9K4xvlD+8aiqfYaTy/amK43Yaf8/pT6XDepoGR+SPWpI1H96l2j0p3l+1S9AG+XT6l8um7DQBFIh9aSNW7ipmQyFGHSnj93szQBV+4NxKnjbnd8uf73rinpMsgICrvAUsmeQo6H8a47xldS2esWd3o6XV9rcEnlPa21s0sc0f8aO38JHYil8E+IE8Ua/rOoRWl5Fb/uYEe4REjTYnKth85rdQbjzIz51ex2ckscG9ppBFD/eY1Ltb+7XNeL7X+2Lzw/pqTMkVzeBpgsigvGifMnsD3NdSGKbFLgmoaskx8xDsNLU+0elHl+1ZlkVOyr7MHFHlrLvXLKfY1zul3Fzp+uXWjXBaUIBPbTO5LNEflOSe4NWldXFc6HNM3H+7+lO2n1p9TYZDtHpTt4qR1HpWD4d1C51Aao1wVdob2eGJSuz92rfLnHerWqfkK5uRyCp/JHrUflAbOKsbF9GqLjGbV9aWOOjy6dtYdzSATYaPl+fg0rmjJoAUcdFA/Cnk72ZAwynWm5rN01i2qaoGJIVlwD2ppXVyTUyvoKj3inYbKNlcVHE6zBHQqY/WkU9CTNO3H+7+lVbG+hv45vIc5hdoZdw7j0q6lD0BaibW9KMP6VL5f+23507NA7kO0+tPp2w0U07hYaJAh3EqRSyMR/drM1y1luNHu1gJjkK/KycEfQin6VeR3mnWtwp3sYwSDzg/xA+4rVQbV0S3YdcaxaWslyJpFgS3VZJ7mRwsUa+hYgjP0FeR+JPFPh1vGun6ppt9BfwBXa+tN8ixy7W2q+0jBI7HtXoWn3QuvHGqIWaRI7aFk2udud21j+FdLP8A6Uwab98ygqGk+YgE5I57Z5raLVPSWpi/e2Fgkt7u3jngkWWJ14K1m6JrKa7JfmBStrbXJtlnP8Z/iYD0FLNar4W8Nzta7VWztmIDjbk+vFR+F7NNL8NWPABcGZ5R/ec7mGPpWRRt0bV9ajjmSSNZInE0b9CtSGSNWEbspkYZKL1C+tZPR2NA2r60oZU6jNJVe+t2uLN0WeS3lZcrJGU3p/uqww341VguWNq+tHTpxXP2t9qOm6tFpuovDdPMuYLm3i2F/Z1Z8KfpXQVfLYlSuY+oXz2OvadHtVo7oSK3HRkXcH+h9K2thrmtYXz/ABdo9u24+Wkszhe3GP5cV02T5b06i0TEnYU/MCuVJY4HzY2t6HFJXL+AbpNS0+e9hhmiM88m+KWQth1fqD6V1FTJcug1K43jGNxx9aY5p2w0Uh2G0U6m0CCkpuaM0FXGbDRtHpUtQZoJHVFT80x6AGbh6U2l2t6UvP8Ad/SgBvlf7Rpm1fn5qSRR5aHDCotrf3aAD5f7o/Km9evNPeos0AI9RVNtH979aj2GgBJHkxt4BpPudefrT9q5znmmdevNABtHpUVPzSbDQBH5lM3N6VJ5I9abQA3yv9o1FI7A5xg1Lhvn5FM60AM2tsQ5OaKe/YVEFKb8kmgdg+b+8fzqHafWptzelMKF9mDigQyq0kZbft4+lT7T60lA7EeGwiZXdTMk96kLRuWIXBHSo6BFeQN/eP51BtHv96rXWoQrJJySRQKxWkVvSothq5JIKz3Y+poJEkYjtioOtWPMz/31VagmzOc2j5PvVJmk+f3pMP6VncokjZuOKsVFtI71a8ketMVhlP2GjYadh/SlcYtO2GnbW/u0vlv8nIp3LWobDSeX9ylG9OtTVZD0IaNp9al2j0o2GkncBnlr6t+dZHjHT4tW8NX6zOyLDG8kc2fuui5DY9AK2tp9ax/GzMPDepRKF8+9iNsrPkBmlOwKMHPHeqppp+6SyfwtGf7A0veoBNrEelaXH979abY2otbOKIHcIYxGo7HHSrHlD0H5Upb3KG+XS+Wco21sfNWP4k8RpoMJ2Rme4mRxbxof3ZkH3csecGnR+GbrLC817U5rx1yfKk8qISf9M41TJH1rRQurk82tjV2j0pUqrot1NdW88F0ireWjCN9o4cbdyn8a0fL9qzejsUMjjo8up46Tyz/47SuWAjKb881HNNHao7yyxRiPq0h2gf7I9TU5Unqc1xjwJ4k+IGoaff2vm2Gm2UNzAkqM0Yd3+ZihOGI9cZqqaIeh1FtdRXUKzQTR3EbDaskTrIjH2wM/nVjcf7v6Vk3lrDoupQ30a+Uly/2W4jQYSVnG5N4HCkN8pYVveXRIq5n311Hp1uJJXVEZlRmbtlttWtrCPOKz/Fuj/wBseH9QtVUtL5bSIy/Md6nK9ffmrWk6kNR0eyv1YbZokdmReAxG1htb0NPl0uRcfp9xHqmnxXtsyvbyKSksfKH5trdeeKZDqSyatLYhT+4SOaRvQN/D9azPAuItJe3+UC1uriBW2/d/ebsD0p+ilZvFniBdzFlMBJz1+SqcbNoLm/SeX7VNtHpQqtJ0FZmgzYaNo9Km8kf3jRtHpQBUgvYLyS48psi3do5ML91h2HrU0igHdsOK42zkvIINR0uC42X02qOizo2WhWQ794z3C8Z9K14bO48Kalbxm+vL/SLllhkS8kMjQSbNyyCVju2u3G3tWzhZJvqZLU20p3l1LHF7VFqF1/Z9ncXRhmuhEjTCG2gLyuP7qAHBP1rFamlzN0zxBaapd3NrGJoriP5ttxE8W8btuY8nkfWrGsarDoOk3GoXGTDbxl2EfJb5tqqM9zWJ4ZlvZNcF7rdmbLUr6BY7WNXHkwwqd/lBt+Wc+p5p/wARJLV9N01L+ZU01tRg+1SsSqLEHyvTkk1r7Nc6MzT8P6pe6pHdC90+TTp4JQjbmaSLaV+UxybFDe+RVbxihk0+2t3la2juruG3uW3lG8svyhYfcPuK1tH1bT/EFv8AbNLube+s2JHmWsqyAMeo3biF/Ksjx5DbxeDdVZwHRbV5FjVljYMOjKSPlI7EUoL39QeiuHglpH0+5V5Ek8m7nSEByxWJW2qCx+8a3fLXywu0bvXFc74UF7oem6fpWpwIzOAUvrbfJCZCcqshY5Uk87hXW+UPQflTqR5XdBE5bwXO1q2oaC8Xl3OnvJInDBXti2EbJPzYAAI9q6Pbxt2nNc38RNHGpeGL67hMi6jZQs8M1uT8uOqkdwfSun0+OT+z4GdzcPtV/tDKyib5OwB4pTXMuZFR3sSbR6UeWfnqXaPSl2msCyHy6I4zVjy6PLxQAzaPSm7DjHapdhpNrelADfLpdpHepdhpY4CaAGDjpxRub0qby/am7DSuAeXS1LsNG0elMq5DsNNqxSeX7UrBci8upfIX1paKQxNrelN7Y7VZ2n1pNo9BVEEBVYlZ3OAi5NOGZFyoD/d+UtgN/tAjtUjQxzRSxSZw/wDEa5/4ctJF4ajsJiTPp7SWMu45J2vlSPbHFVH3ldA5WN+Pb5Zbj5uh3fKv+0e+KKwJle1+JkbBSwudKkaQ+ZxuR+AF966GOM0Nctr9RJ3Dy6Nhqx5dM8s/PUmhhapqn2PxR4e09dxW+FwW5/hVd2PrW9HED/FXL+Mv9G8UeCrpPvjUGt3YdAJI9ua6qOM1pKPupma1dh9J5f3Km8ketG01lY0IhHgYHArnNK1qZvB76k8LXd3a+d5tqjZb92/C5Pc11HlnDL3rldQ0fVrVdXGkrb30OpCR/IupfJMMzJjzEKxtuGecHvWtNLZmTujft2WaGKeM4jkVXQt8uQV9qzPDfhcaLNd3TzySXN9I810I2LQyTF8hlQ/MOOOvSrHhF0l8N6M0ZYoLWIhPom08/Wtn3705ycPdQ0k1c5VpFk+IyR4P7nS2J/4E2D+nFXvFEbjR57y23q1mvnh4T9/B3FSO4xVZVMfxHvGO3bJpiHdjuH5ArpJI/ORkkG9GGCrcgjGMVUtHELGJrGvNbW2nHT7eS/l1GTyrcRAFFAXc7sTzhf1rVt1lMKeZ/Cm4yBD8/uAT19q4nwKs9z4q1KG4eEpoi/Y7cxklslvmYk/eAXj6cV12oaHBql3bTSRM0lvMJlLHO0nqWToxFVVio6Cp+Zc7571zHiKGOHxNoE/IkuDLbs3Z8rkD255rrPLrk/HX/H14WRCymXWY1O04yNj5B9jgflWVNa6lM6Ta3pSAbOqk1ap20nqc1ncor+XXOeGXaPVPEMO45jvzIOfvZXdXV+X9+uZ0mE2vjTVkfaI5YoLlVfg5xswcVcNVIlnR+X9ypNx9adtNFZFDPLPz03afWrG00zYaBlcoZOhp9SiPHTik8g+tADax9LH/ABMNUPzZWdUPNbccZ8ysXw8obUtaLs5ZrsbvMJCjCe1XFaMiRrGJHiZQWBHSsfw+y2eky21w257AussuDwA+VJBPzZHFdBErR9RWVqXhHSdQmSa602F5c72d1ba3+yQP9YPZs042W4NNmb4VvlmvNXjVTHGbjzUU9SpXg/jXSW8iSZxhsNsba3SsS2t1tPF1zCFAWS1jbIHZWx8v4VtJZwW++ZFSAEbpPLxtz61VWO1hRuS7DVS91ax0/b9u1C003du8v7VMkO7H93zGGfxq9VO/0XTtVx9tsLW8xnH2iFX69eorOLS3NBtlr2n6h/x6XtpfJlQrWtzHMob0+RyTVvafWs5fCehyXAnTQ9MinjbckiWcYZT6g7eDWpTbXQLMj8wKpB5B6g1z+o+G3Eso03VLjSvtDSNLHAkcqEt3QEYU/SuhKg9Rmjy89acZOL0JaucZ4asYdP8AGl5aRZaGPT4xuflmJOST7k812u0egrl7WNYviRdcH59LRh9d/Wup2n1qql73JijF8XAf8IvqWW2bbdt2OM1etXSTT7TEf8C9vbFZ/i9fM8M6sjKWP2eT7taeissmkWJzy8EZFV9m4WOf0Nm8O61Jo882y3nBlsneRcAbPmUnHUVo6HJ/aN1cauFAWQ+XDsGU2L0yTzzVfxnapeadbWRz9ouphHC8nDRb/vsCOhqbw3eDy20u5hjg1GzXaUjY7Zv+mgJ6j2rRpOFyb62NeSdINu5Gfe2BtpVVo/4j+dRXl8bGW0UDc08nlbf7p27tw9quEA9RmsCzlfGDL9o0FcDe1+Crei7fmOPaulrmrxjrHjqGMKslvpyDMij+N/vCuoZhArOwBCKznNaSfu2IWhzekyG+8c6vLtylqkdsrbu7Hc/6V01cr4FVrrTX1GeMQveyvOxYbT97C9PUcV1Y+TYx5G6iTu0NK6ucb8J1C+DVQnJju7lfw83p9K7HYa4z4XK0eg3cZX7l/df+jq7TNKtuKO1yLNJT3orO5sMptOptMmwlN2n1p9FAhjmmf8tEqWoMmgB33+nH0qKn8Do2PxpKAE3H1pmadRQAnmZ6mo9x9aQoX6HFL5X+0aAE2GmbR6VJtPrTKAIXpuaeeOnzUmw0ARU+kkjNN3N6UANozTqbQAxKZtPrUuw03afWgCOSOo6mkJ9aj5/u/pQA2RD60089eaNxPc0m0+tBVwqJmZd2BjHTFS0zafWgkr/P6U3NPbdH1Y/nRtX1oKuMCgdGx+NV3NP3N6UzY3qKCRlLIw+TimfN8nIpJWL9FxQK5FIB6VTkj378cVcqu5UHcAQKCSvHCDv5qPa392pWUR96ZJuwi7jn60Ac/mnUVLHHWdgISofpuFXvL+5TI4zVja3pTAirD8aaZqV/a266XeXFrcxTpKUglVAQOqyE9vYVv1L5eVCn7uc47VUbLcDE07xImoeHU1fy5yixGWW1jAMucbWAztHBrW0+eO+sre6XmKRFmQvxkH6VzvhtorPUte0KSIpHbTmaK2YbVeB0yyjHbfxmpPhrdC48LwQLlRYvJaFd27Ox/lIPpWs6atdEx3sdMdp35BNYeseLrTS7xLNbPUtSvGXebfTLQ3DIn99yMAfQVv1XvPt72bmwWB7oDEf2uR0iI9yqMaiKtuaNXKOj60NTfY+mappkmM7NQt/LG30yC3NbG0elZ1muu9b2fR44N+fLsY52/wDH5CF/StTyz8lVK3QkZ5defxfDefUpLVtTNpH/AGcHktru1mk+0vMTkSSvs24zzgV6N5I/vGlLFiCTkg5HsfWlCTi9BNGH4T1aXWNBsb24VFuJFxPtT5RIrPG2F9AQPyrY2n1rL8H23kaJCQdpke4bj+ENOWwPzP51ubR6UpLWw1qch8SfCU3ijRd1q/lalY/vLYt8qyEL8obHXNM0v4naBe6e0t/qFnol7Cxju9N1C6jjmikH3kMeQSPQg12Q+UYHA44+nSmpZWrXUd0bSA3MeNk3lrvXHTBxkVSqLlsxctndGR4duGv45NQa1ns4bhg8X2lQk/lKNiNIp+6fYVs7DUm48nJySCfqDkVj+I9abSbS1eCMtNd3MVtAZeEy/RjjnA71HxO4zSqWl8r9504qby/alYsi2GuQ1qSHw344sdXliZ7LULFrCWcf8spVk3qSPTbx9K7TyzlG7U2+0uG+tnhvLcSW7cPHIjYZsYyrZypxVwdhNXMjVvLurjT9PSWOczSLKsTNn92r5d8jsewNa0s0dpayXU8m23iXfI7J8q/THJqrpnh+w0CKb7BZpaGZsyNtdi6joGkbLEfWtMLtwBuDgYB749KbaYWIo5FurZJo3aSKRd6OByPqDWB4FV49Dnt5GDPbXc8UeP8AnmH3DPviumYO3LDJxjn09Kbb2MNpv8iGOHexd/LULuY9ScdT70c2hFjnvDEZt77X4Tu2fbRIi545Tk/jVm00mWx8XX135ebW6t0LyqeN6dOPetpLVI5GdEVXY5ZlABJ96lCsvRcf/WpN3bY+UhKl+i1IqFY3I4+apAADuDYFYfhn7fqH2jVLkyRWt0yPDY5JZYh8oZ8/cLvzgdBUrUq5sbR6UeXU/l+1L5dAzzLxvYy6L4u0jXULS27SCO4Kj7rBtob6EcfSus8SJb6p4cjmhnXyppE+zzAblLF/lAzzzW5eWEOoW8tpMgMciBJIpRxx0wfasux8HWtlNC73V7eW1qyvDbXcnmJGy/dKEJliO2a3c1JJPoZLQv3l9DYlGkEhEjqqeXDI+G99q9Kn2t+846nJp3l8Yxx0qfaa52+xdjhNS8W22tzWVnbJfDVxfw4s3tZUZfmwzFmTGAOK3PGHhseJtFktBOLe4DLLBdMM4kT/AFf4etdAI9oYB2AbgjPWlELR8naeMVpzbC5TldMh1e48RQTS6XDZiRHN7LDNG8Ny/wDC0ahg5J9Sa2dU0+PVNPu7Rxm3uY3hkU91Pc1otGWGJPnHH3uenSjyzlT3PB96hyfQFHSzOUaw8RXEMOnNaW4iVow2pef95F7pFs3E/U11flpjb82frT9h/rVbVNRXSbWS7+z3N55PWO3haSVvpEDn9apu4KNgu4FmhliPLSIf161R8HYm8LabIY8n7OnOfTrWZL8UvBytAD4gt45XZU8vyZTKrf3Cnl5/HNX/AAPDLD4dghkhkgjVpfJSdVEoiL5AkG/AIHHFaNWhqC0dzdji9qbsNWNpFJ5f7t65ixu0elM2Gptho2r60AM8ujafn5qXYaWgCHyR/eNTR0nl/cqXy6AIjGX6cUm1v7tThSDuHApc0rAR7DRtHpUvP939KbRcdjE8VSyWPh+9uIWdZYVaRdpIJK9qv2NwNQs4JkYYkiWXj12dKn1K0W80+6gb5t6vw3NY3gWNpvB+iy5BItVLHuT6mtvsXF1sbvl+1Hl+1SU7YawLItp9adHEx/u0+iqJsBjzweRWBfaLfw6g17oN9DBdTqomtbuINA4HRiF+ZWPqDmui2n1o3DbGvzbRggfTpVRfK9CZI4e80a40nXNC1rULlbu+mvFtZpIomihSJk2qkak78luck9ea7XAHauc+JEtvbeE7r7Rdw2ZWWCeLdKiMdj8bSRuOPeup3QXMYuI5UNsf9XLG4dZf91gMfmK2muZJsmJWja5e8aNoFEe1Nkvmrukz975cYGKseXWDb+Io7XWvENtqVwlitqI5oPPlXaYWTDYz1Oea3rW4S8tYJ4gVWdVkR26BSu7BHrWLVjW5zPxEhK6BbzptD2t/azGSMZ2AS4OCenFdPtIrmvip83gjUYl4DPBkDv8Avq6ryR/eNaS+BeRK0lYNhp6U7YaNhrEsZsOc96Gj8wYYbhnPPPPrUpX95t3BD/dbov8AtE+lYEPiaTWpZo9GtWmghlaJ9SuhsgU+kY6yD3NUr30JlYp/DNivhkWzElbW6mtVU9AqP8uR711O0elcz4OItLzxNaBCPKvzKAOhDLurpihfocUVXqKO1jndYsfsviTRb7OI5PNtHHb7u5TW7PKtrbyzSHARWf8AAUzUtLi1axEU/mFVO4NC5RkOMZBHQ44pZtO+1afJZvKJHkR4llkdWfDJjJVRjrzVX2HY47TbG5ttH0/XoIs30xeS5jA5mikfP5gcVseJtYL+FJJdKu0aaQwrFLCckCRtrAjsa2dPtZbPT4YHwxjTD+VzkDrjNQ3HhrTZ7O4tvskNrHcyiSTyIlRzg5BLAc881cpqbuxcpeEezZls1zfiKEX3izwxZA5a3mnvn9gsexT/AN9En6mulYrGuZD8gDHcf4V9TXMeFSdd17UvEPzrasFsbRpRnKrxI4B7E8/WphpqDOnjjqTyg/RsU/ygP4jSBCOnFYFja5Rfl+Jh2/L52nAnHch+Ca63Ya5m6jMPxCsjt5fT5sHH9161p9fMhnTUbR6U+jYayKG0lP2GjYaCrDKftPrTvLqTafn+7QPlKyxmNkc9K5/wtmN9YBDfvL1q6UoSMHkVheHVmjvda8xGEZvGKf7u3qtaw1TM2jcw3qap319a6NaTXt3MLa1iG+Sdzwv+ySOCfoKt7T61yrQwah8QJPt8IllsYEmsEm42g/elj/vEe9KnFS+IG7EEPiO21bxjYy2sF9JEbaSNZmtniib/AHN6KT+Nafje3kOlQbIpJrd7qJZUjY7jHu+fPtRr7Sx65okxVseY8f3vVa6IR4zgYzW1RpWsKI3Yaf5dPorlLGbQOgxR5dPpdoxtzzQO5F5ftVPVNYstHWNr2YRySsqQQqMvI5/hCjt7mqvinWptJ0/bbKDfTssMG77u89z7Umh+G7fR5pLqZ/tupzEefqFw6vM5HRQwG2JfZcCtYJWuyLmTp8k1549+0Tx/Y1ksNiLLIoIXf1OBXXVzjbo/H0DbTiTT5B5m7+6/TFdNsNOs77CiVbi1jvLeWJgcTIYmXtg9TWX4XjuLG1Gn3UbMbUbY7j/lnLGr/L83UE1ubm9PbpQDIFIGQGxkeuOlZXHYy9W0ma5uLK5inWM277mSQbVaM/ew45yKvyWMM0qSOivIgwrsoJUegPapNp+X/Zzj2z1p8cZqrsXW5Wn0+K5mimcnfC2VB7rjGPpjiqmsXl5b25/s6zfULhgyFo5IxFCP+ejktn8BWuvzcnk03ceOTwcj2NO47GP4d0EaLbSZkEtxNJ5k1w3Pmv6Y7LUHjLUzpvh28ZP9cyiFSOpLN2rd2rz8o568daw/EGmtql1pUHlM1ulz5shJ42quVH4mrhq7sgu6TYDTdLgtV+5FGiDHeru0kYJyKXau0DPA6Cm7j61Du5FfCrHJfDXMGn6pbsGLw6lceYT3zJu4rr65fwN5rTa45IUG/nVMdz611H3OvP1rWqrsmO1hklFFOrAu42mU7D+lN2n1qrjuNpNx/u/pT+f7v6U3c2NuOaLkjd4pskdLS5J70wIdw9KNw9KdtHpTdw9KAEpvmj5PkNPpNp9aAGOhXpx9KbuHpUmSe9R0AJ5n3Kjpdrf3aNw+figCPYR04oDFNjFcil3igkkYPIoAi8zNR7m9KfTeP7360DsJTdw9KdTNhoELgfP81G4elJ5dN/v0AM3H+7+lD0uaZvFADNw9KNw9KTYabQA2TjzMfxNge1L5n36d5fG3cM0yRVGecUARMwbrz9ahqXyR/eNMoAQpv6MBTZIvanhQOgA/CkyT3oApOo+TinYH979aWSM1HQQMqpIrYxk4q3I49KryUAVm+bqoP1FQyMcg5OauPVT5fRqAehibDVnygP4jUO0+tWNhqAH7SKsMpj6k1FuHpVhvm68/WgqxH5C+tLtPyc1L5dL5Q/vGhahYz7rRbS+uFlMMouY18sTW80kThc58tjGQWjzztPFYfhe1XRfFOuaVCkcNrJFFe28UCgIoI2OqjoBu5471bil1XWru5Wzu9PsbKKQwebJB9onDgZJJLqkYVufmBytR31sbPxv4ele5a4aW3ubRpSqbZcBJQSFAx1P510xvYye9zp9o9KftPynPXrSbBnf82Kk2n1rnNgEe05DEH1zRSYf0ow/pTV+orBsNRXStFa3EmSMK2ParWw05ohIpVgGU9VPINNaCsYfgqPd4Z0zLGR2T5tp8zHz/AHmI7VbXW4LrVW060jkupo1Junjx5duSNoy/d2P8A4FZ8fgaQwpbS69qk2jKPl06ELAGXfu2NJGgkK47ZxWzpmj2ekWcVhY28dvDDkJDbIAFJOS7f3ifWqm0nczSaLO0elG0+tS/Ljbg5o2Gs7Gwza392sSWxfUfGi3EoYR6dDlUP8UzdSD6Cui2n1pfL/wqloJoj2nrTtp9afHGal8ugZF2x2pyqFJIABY5OO9S+QvrR5dJOwEYJU5HBqXvnvTto9BRsNMBvz+lPqXafWjaPSgVhnl0u0+tO2n1p2w0rjIvIXGM8U9kMmd3zbjk55zUmw/3f0pY4zQnYViKn1J5C+tLtHpRcZEFKqFBwvp2qQx+Y24fe9e9LsNKFYdCRSJG+X7Uuw1KlFIoi8ketOMeevNP8v79GH9Kq4DCrHqM0/y6ftPrT6kdhm0elG08DPTpRtPrT9p9aq4g3yjOJG5OTz1NNwxABJIHSpNhopOUpbgN2n1p209KfsNO2GkBFSeX7VNtHpUvl+1AFXafWn7R6VP5C+tHl+1AEXl0saH1qTa3pT/LxQOxF5IxjccUeXUm1v7tJtPrQIYVZ+gptWxx04qPyF9aViyJohHG5J5rn/AJMfhDSY9v3YcH6V0rR7vmPK+hrmvArbvB+nhXDMPMVz3BL8j8K3WsH5GbdmdBS5pY4z5eaf5IfocVzXLuRpTthqXaPQflRsNVzIZF8/pVPxRNcWugXxtHSO62COO4b7sTO20Ejua1Ki1TS7fVrS4s542khmBVlU4YYOQyt2IPOa0g11IepyXiDwdpun+FdTKwG71H7PxqF5++nY/3w8mWA/2c12Fu0rlZcs0si/O6ncfzNc9qVtrklvc6RLZ2l3bSQeS2ovd+VIi+skJ5Le4NdT5flKiBixVPmyev1rWpJxVhRRQ1TQ9N1xUfUdMsb9kXYrXVukhC+g3A8VaSERqqqoVVxgKMAYGB+nFSYHTFLXM7so5X4jReZ4aYY4mvLaFh6L527P5V1O0elc18RFLeG4o1OPN1CzUsOoXzdua6g4eRwOPmraT91Im/vXG5p20/PzTto9KkrDmRoZXiazub3QdStrRik0tu6Rc4OR91T7H0qLw7qEF/YR28cP2S6twtu+nsdktsxTlGTqR7g1tN+8bPfOc1l6x4fsNdYLdwOGj+5JDPLDL/ALu+Mg49qtSSViWrlHSUH/CaeJkCMF226yKEKsj7MPlc549jXQgAdBiqGi6VYeH7EWdhaJYWsR5VTkBvUu3LH3rS2GpqPmdxLQZtHPHXr70CPBJHB6U+jafWpuWMPOM846UvVdp5X07U7YaNw9KLgYfiDR9Q1cQWcbtbWMhJurgOUmZR0iQDrn1NbNrbxWUEFvEv7mCPyYo4+SFznJJqZQFBAGAcE49ulOMQYEFiR0qnLSyJsRUVL5dNqblDK5zU2aPxtpBI5e2uAD7eldNXPaxGv/CT6FJlsqZ41561tT3sZyZ0NOopaxuWJsNJtb0qSl3H1ouirjKNq+tOpPLouhXEpFj29OPpT6KLgMSs7VvD8OqyfaE/dajGv+j3qISYj6ttkGV/2elalPPzDB5Gc/j61adhuzOQtbXXr6+s4NVsbZVs5BJ9st5MRTZ+7hG+cY7811lSC3Vehx1/XrUe0+tEnzEJJdQ2n1o2n1p3Od21sUnmfcpWHdCU1+ue9ScOrAMocncR/dFRyL04+6cHaD9705NVyS7BdFHVtHg1yx2+YVaOTzIZYxnDr90EH+E1XGvQ2PmLqMw094vlaeRgInX1EhBH6Vs7i+12XAOMtk546d6SWHzNitEJW2dXQH+tWlLqiTlNPurfXvFy6jZkXVpbW7Qm8QExyMz/AHVcYGPfFddUUcXksitGgeNdiqoCbV9BzwPanfbLZi7NPCo/66rSkpS6AtB2w0m4+tQf2pYK7ot9bsf+ugqD/hINL27/AO0LfH/XRf8ACp5Jdirov7DS9Ky7nxVpFqu+TUYCP98/0FVf+EutGVXt7a+vA/T7PbNJVcsuxnzG3tPrT6wj4olXroGsx/8AbmT/AFqH/hMov+gTrH/gul/+KqvZyHzHQ7R/e/Wk/wDrfp0rBPjTSoyGne4tg33vtVrLBj/vtBUkfjbQmx/xM7Vty7253Y/75ap5ZBzI2to9KZsNQQatZXv+ovbeZNzJ+4ljfn/gLMasZo1uN6nL+BSZbS/lzlvt052+/rXUdevNcz8P2X+y7x8fP9tn4rpq0qOzIiJS7R/e/WikrAsTcfU1CjH1qXafWmUAN3H5+aMnOe9FJuP939KADn+7+lR5p+4+tR1YBRlfQUu0f3v1pj0AM2nzOpxT94o3DrTNx/u/pQA2SQUzNOwDGnFFACeZ71F5dPpaAK244245pc1L3z3qKgCLNLtHpT9o9KjzQIZmjNOptAw2n1pKXeKNo/vfrQAx6ZtHpTZGPrRub0pXAdUVG5vSm5ouBHgZzjmmyKPWpaZtHpTAj3D0plLtaPZkZpZIgP4qAGbT61Hmp0qu9AEfmZqLcfk+7TpHHpUX/AB+VBAmAe1VZDU8jMO2KioKsRbm9Kh2n1qwEKdTmopOF39qCXqY2w1NRTo4zWdwE3D0q/tD78CqGwYRcHNX4/8AWbv4fSmWG0+tO8kfPzT/ACz/AOO0ULQDDvtFmtb6TUtJnWO8nUCWGYbYbkBdobcOVbbxnrjiq9pBq2tapptzf6WumLamRzuuUkZ3aMJhNjtuXgdfSumwm2RNpyetSD5WyODjGa0U2ibDNpxjPFO8s4Ve9Pp/fPesyiH5/Sn7T60/5/SjafWquAm0fJ96n7DUmB/e/Wk2n1qAIdo54HPPSp+wHbpilji9qf5dPl7gR9896clSeX7Uvk7ujAfSrAZsNLtPrUtO8ketABHHR5Z+en7T8/NLQAkcTH+7R5I/vGljpNh8zrxSsK4/avrR5Q+T5qk8r7/FL5dMLhTNhp+0+tS7R6UBcioKF+hxUu0elKFI6cVAwjU+pp3kgfxGn7SKNhoAZ5dJGp7rUm0+tLhvU1VgI9hoqXYaPLqRWG0m1vSpvLpdp9aBkO0+tS7T60/aPSn0AQ0VLtHpR5dBVyLYafHGae9O2sO1BIbR6Uzy6ftPrRtPrQOwRxmlqXaRS+X7UCIo4/v0u0+tSbR/tUtADNhpal2Gk8ugdhdp9aNhp+0+tLtb0pXKGZpvl1NJHRTJsRbDTo4van0vSgojkj4x2rlfANmtr4ckhHzFLy5EnswfkCuu8vP8R/OuW+H8ZXRr6NizOmq3WWJ5raPwSMXq7mtqOs2eiwJNdvNHBu2b1tpJVU++xGNZo8VPdb/7M0HV71VG0TyWy2kbn/Y890J/Gt5I1t5JZSWyxyxz1PqasohbknJzmoi0tzSxzH9p+I/MO/wzaQ4Tc27WV5b0G2NqkbVPEMC5k8OWswkfaJIdYC+Uu3qQ8C5rpumCOo5FMVCrZHB6ZFVzrsKzOdj8QagDuufC2pQD/pjLbz/+gzCuOk/aI8PTapLYWOi+ItQaCVodttaxSDzB1GRK3FeqyIsow6hx/tDNKkfls7IxVnYuxXgsx6k+9JTj1QuVnnll8RpLi88y78OeL4Y15itYNBlaNFPSSRyFI+grWk8fxR+Y0fhnxVLj70i6Ttz9A8i11q8LII/kB7LxSeXhgRwR3q3Ug+gKLRyreLtVmUPbeDdXnjP3Wme2gI+oMtNj8QeK237/AAJIvzfx6vAP5CuvaPexZvmY9WPJNJ5QHQD8qn2i7Dszz/xnH4tu/DF3LNaaHZWkDRXEkfnzzzgrJvUK6qiDHfiume08TQiZRqWiSL/z2eymT9BJUnjBRH4T1rYgO20kkPHpyf0rWhYzW8cucllXJ7mtnVvFOxnyu5gJa+L5g6TXuh2SD/VyWtnNPJ+KvIoqVdJ8SCXaPEVi5/55vo5P6rPXQhSCSODREpAwDgVh7TyNLM54aHrADqPE0wP+xYwj/wBCFPj8O6i3lmTxNqhj358pbe1jOfqYq3u+e9P6DA6elT7R9gsznW8PX3zoviTVnkiOVYLbqF/8hc1DD4f12zMbWniZ5UVcvFqFnHcNI/sVeLArp2Qttzzt6Z7UMA4IYbh05pqq+qHyowPsPij5GW+0eVWO1kaxuFQD13LKxokj8WqqFW0CQf3389P0BrofL6jtjH4UuBuzjn1p+08hWZzvl+LNrjdoG5V+VP3+T+OaSSx8VqQq3+gyFvvI9rcJj8Qa6PA27cfL6dqTy/lI7HqKPaeQWZzwsfEs3TWNLX/rnp7n+c9LHa+KV/1mp6RH9bGU/wDtSugMe7rzR5Q9B+VHtPILMxpofEZjci+0eP8A7dJj/wC1KhuI/FcZRopNDlU/6xBb3CJ+DFmNdIqsvAGPpTdhxjtR7TyCzOVj/wCEwf5m/sBB/s+fJ/VaztTbxB/auhSzvoytG0wjWJpRyU6nca7nZxjtXM+I0ePW9DBC4kuGranV12M5RZZ2+J92S+it83+rZJov1y1Mf/hKvuj+wVP+z58v9VreT7u3+H07VIYQTknJrL2nkaWZzkv/AAl0bjy4tDv42+9L508GPw2tRb6j4lhZxcaHZXHzY8y01Bh+jpXQBQpJAAJ68U/au7dgbv72OaXtF2CzMCPUPEDNtOiW8R/55y3pb9VSojN4xXrZaFH/ANvs7f8AtGunwNuMcelHlBvunb9KPaLsFmc3IfFSwOVbQpJd2NjvOkfl/wC8Fzmkl/4S3jYdCcM3K750VP8AdYrlvxrf2tjGOOuKmCkZwcZ60e08gsznZrPxVN1vtJsP+uNlLN/6FItTQ6f4iART4hsGP/YHLfynrcX5enH0oIDHJGTU+0fYOUw10/xB5YJ1y0G5ec6aFx/31NSf2Jqpj2ya/ck/7FrDGv5Eb/1reX5c44zwcUlHtH2DlMOTw7d+Yh/4SPVdvpugx/6LqnJ4FP2kyTeIdenJG0r9pWJFP0jQV1OaZ2I7E5PvVe2d7WCyOWbwPbOpxqmuI5ZgWXUJQSPT71Tf8IFpZDrd/bL443/6ZeT/AHvXhl5roMD0qfy+c96PaSHyo5o/Drw/Mu0211Gv91NUuWH6tSf8K50JOUhuFOz+G+nf+bV09AUr0OKXtZByo5qT4e+HFbdJYGRvU3U0p/U1Nb+BdB2hE0a1kI6ZiLbvzrc8vPWlPzEE8kdPan7SQcqMoeEdFDZGj2APr9lT/CnDR9OQIDp1qR6eQv8AhWnmkKqepzR7SQcqK8MSW64iiWMeiLip+NoG44HQZ6Uh2P0LCnIo9Kz+YcoABegxUUin1NTUm1j2p69w5SMMVBAOAetJ6+4wfp6U7YaftHpS+YrIz49E0uO8S6i020jus585IFD59d2M1bkYDfwKeGUdBimY2xuWGfrWibbuBzfw/aN9JuiEwXu58Guk3D0rA8DH/iRzMm1W+1T/ACqK3Xp1tyIhRuHpRSVkWNc0ypaiqrAEkQH8VN3N6U6m7xUgMop1NqrgMpm0/PzT6WmBH5Z+Sl3D0oyfWmYb1WgBlN3in7R/e/Wo6FqAtMzTsr8/BpmH9KAF+fDrhc1FT8nOe9M+5szQAVDuP939Klyvo1NkQ+tADKPM/wBkflRRQAyl3D0o3D0plADNq+tFFLuHpSsAlQ7DUmaZmiw7Ddo/vfrTNw9KlyvoKhpiGswk2Y3VFmnhiOhIpKAI1xH1Y/nUdSmEHqc1BmgBJI0+92qDNS9sdqZ/foFYi61DJGWO5eB6CrK7B9/j71V9rYxk4oGQlwerZqCSQbcdvSpJCv8AdH5VX2k0EFTYam6Uzcf7v6U9KzsVYlwM5xzVjaPSosJ/tfnVjYaYxaXy6dtPlp8vNSbDQAzvnvRHGy/eIP1p+w07A9KAG0+nGEPswad5dACRgHf82aTn+7+lP2j0p3ln5KAIthqXJ+f5adtb+7T41buKqwCeUB/EadsNEcQX7zZ+tPSi4CeWfM9qBHjoMVNtPWjYaLgMjjp3l0oj8v8AiP51L5I/vGmK43yh/eNL5ftQVZ+gqSgZDtHpT8Dripdo9BRtHpQQJTqdHH9+jyz/AOO0FWDy6ftHpTc1Jtb0oJGeX9+lpcn1pY4zSsWLTqJIgP4qNp9akA8kf3jRsNS7R6UzD+lVcBu0+tP2GnbDT9hosAzYaf5f3KfS1IEfl0eWfnqajaaAICrP0FO/v1YEWOjEU3y/agCLy6k2n1p2w0+OM0AM8ul8tfRqk5/u/pS/P8lBVxnln56Kl2mjy6CQ2n1pPL9qk2n1ooHYiSpPLpY4R60+goZSli8mAcUm0+tP6dOKVgGbSe9Gw1Lz/d/Sii4DPLo2j0p+0f7VGw0wGeWf9muZ8CsUt9ajJ4Grz4b/AIAn+J/OuprnvBcI3a0uBhdWuHI+q7h+gH5VrF+7JGdtTcaEMMFiR71LtIpdh/u/pTtp9axuaDPJH940VL5I9ad5ftRcCBKKl2j0qK6nh0+1lubmRYYo9zu8vChAvXil1sA8KB0GKKydN8W6bqF3HbkzWssqs0H2qBoluFHzbkJ7kdAa3fL9qGmnYVyLYaWpaTy6BmdrlqLrw/qsLnaZLSUfPxkbOnFO0WYXWj2MhUqZYY3K+lWdQQrpt4SuE8mUbnGP4Paqnh2ZZvD+nTLuAe3iAxWv/Lsjrc0vLPyUdKmpNo9KyLIto9KKl2j0o8ugBmw0eX9+n7T61V1TVLfR7dp7mQhGGFjQZeQ/3Yx3+poWoPQtbDUW0+tYtv4wtpLuKG4s9U0gTBRE2qW3lKzegOf510WV9BVSi4iTuM8uipNo/vfrSeSP7xqRke0ejUuw1Mhpu0f3v1oAbuPqaSpNo9KNo9KAGeXXP+KIgt5ok5Gdt4EP+zuTH8+a6LNYfjRZBpUMgC5W6ikY+laU3dkSNfy/aljjNPj5/wC+af0qXo7DTIdo9KftHpRTo4zUlDdhpwjx04pdw9KfQBH5Z+Slpcn1pdhoAi2GjYalptACbR6U3Yak2t6UtAFW+urfSrOa7uplgtIwTLPM6oiL/CBkZJNZml+K9K1u6NrZzlpgu7yZoHhkK/3lWTaSfbNZHiKc6x4y0nQ3INqEN3NlcibaNoHsAa6HX9Gi8QaaLR8xPD88Ei8GJvVT/CfpXRyqCXN1Ie5a2t/dp0jsO2KoeHdSlvdKEt24W5jbyZkA2/OOpG7tWt5eaxl7rsNMgzUtR7W9KXafWpKH+SP7xpPLp9N84/3RTuAm0elR7h6VKlR+XTAZsAO8bgKdT9xxjPFJSuA2jMnvRS+Z70wEkUD+LFN3ilx7U2ggKZIx8p1xzUtQ3H3HO85+tXHewHO+B492il143zTkY/366OsHwUsi6LGgCj55f/Q63qdV3ZERtFFFZljNzelD0+mbR/e/WrAZ5v8Asik8ulpeP7361ACbDTKV2PrRQBDRRRVgNqHafWptw9KZQAwKqbMnNG4elBTPXmihaAN2t60vmU7cPSk2j0oAi2r8/NRHnrzTnpm4/wB39KAFzTck96clEiqO+KAItyetMc0u0egpaAGUUu4elFAEO0+tFSSFexxUcjHO3Hy/3qAG0zcPSnbj/d/SmBgnylCTQVcjzSSIRv5xT6btb1NBJD5e/oxH403y/wDaP51K3y9OKikUD+LFABUfl1JUf/LN/mP50ARPUGan2yL8rYJ96h2t8nFADWUN1AP1qDNWnqq9AFby81FIxHbFTSSEfw1FIT60EFaND61LHHsxnnavNEaH5Km8sLv3Nn6ms7lkUan1NaPl1VwB2q5mi4AjH1p1Jz/d/Sn7DTAO23vto2GpcDOcc0tADI6Np9al8un7R6UARJTtp+TmneXUm00AGaXcfWgqH6BhS7DVXAb5I/vGnU/aPSnbR6UWATNO2n1p3l0RofWiwrgVU9TmlqTyF9aftHoKLkjQpHQ4p3l0tSRxmmWRUm1vSpvLpc0EDKfTo46PLPz0FXGbR6VJuPrTvJHrTvLoJIvL4Ve9LgD+L9ak8s7mf06UbR6CgsRFLdVzTqmjpNo9KgA2j0oo2n1p2w0ANop9O2j0qrgNp3l0VJhvVakCPYaXyv8AaNS0iKPSgBtFPpNhoAbtPrUu1h2p3l07cfWgBlGG9TUnkj5+af5dADaKdsNFADdp9ad5dP8AJH940UFXGeXS7V9ak2Gjy/agZFsNGw1NTvLoFci2n1oqXYaPLqRjc0ypdho8uncCKsLwv/o2qeIoD2vEdffcmK6L/gI/KsDR2CeLvEKEA7ktpF9vvj+g/KtI7SIe5u/P707Yaf8AP6UbT61kWM2GlzUtMoANo9K47xpqn2iZdAaBWtroQRSyF0IKSybGULjrXbbR6Vwnju1mstc0rUyn7lpIlznpIkm8N/s5row9nKzMql90dNrOmw3emPFKmWhG+LaPuMowpX0I7Y6VJod8dS0qwvF4W4hjkPncY3LUevagun6S80ge3uLgeVDCzASO7dQgOcgepq5pOnrpWm2dpEAY7eOOMY6HbSm7Ipak9FSeXR5dYFkZJazlQrlJI3Tb2/KsfwTMLrwfpDbSoa3TAFdBGy7kGBjf0rA8BF4/C9pAY/8Aj33w/e6bXrVawaM7m5sNFP2j+9+tO2j5OKyNBm0elLUnl0u0elAEOw1xy3Qm+LAtrhTmPSgbNW5G8vk8+oHFdvXMeL/Dd5PdWetaWwXUbMbvssnyrNGOqjHQmt6TjezMpXNHWNLj1TS7q1lRXjljbMZAGGCcNn196d4fuP7Q0eyuSGxNGrtI/OPl9K52bxl/wlWn/YNDimnv5GWO4MiOsdmhbEhdym0tjpgV2NvCsVvGiKERRtCqMAD0ol7qsOLE2j0p/kjKNnijYaXtjtWBoG1fWo/LqbaPSigCKnU/aPSjYaAGeXWT4rgkuPD1+oC5Ck9O46flWylVdSt1urG7iyyq6Nzmqp+6yHqLasZLW3k+XlFz71NsNZfhaY3Wi2Zcc7OprX2n1on8QRGbR6Uu0jvTqNp9aksZ5dLTtp9aKAGUv3+nH0p1Hllvu8fSgBm0+tO2t/dpaXcfU0AGG9TSUu8Um0+tAHBeOLo+HfFWj6xsP2ck2tw/8K7uc/Su68wSHfuVxjO5ejL6iotW0u21izlsLy1WeKRfLkheMsP94E9/euVs7HxdocH9kWlvp95DGrJb3l1cSeZFH/tRbMk/jXVdVIpPoZyfKzX0Rw1xqWECxLdvGrxjGa2dzfJxVDQtIbQ9MW08xrmX/WSXEp2+bL6gDoKv5NYVFrcpIM0lEiH1pagoKZtPrT/K/wBo0m0+tOwBTaM0UwE8s/JTakcnjmkpWFcZTKfIxHbFFMLjaTn+7+lG0+tLtPrQSMzTJCqo7MoI9xT6rakyx6fcSbvlCs4ft93PSqi/eB6GV4MIfQbdgGBO/J71t7T61keEQYfD1idrBjFkrWxvFOp8REQKq/Q4pshXscUrjb0GPm7Um0HsPyqCxKTaPSlpmasBlM2n1qamVADaTD+lPpdx9aqwENMqWo9w+fimAm0elV9zelS+Zzu2nFEkZoAi2n1op+4/3f0pu0f3v1oATyz89R+aud3zYqXa3qagw+MY4oAWSotzelSbWX7wz9aa9ADfN/2R+VG1cIpPNO2N/fX/AL5pnl8oe9ADaZSuaSgBPLpu0+tSZpmaAI+v8I/KkycY7elS1CPkkweaAGyKfU03zMnJ5NS9ahIDyYHFADNp9abmpaiegBKi2j0qTccKvy5qPzOGXaM/SgBsjj0qPaPSn/KdnBpuxvUUANl/ebAPveveoMvnduGPSpu+e9VNhw47UCbsO3L61WkcelT7R6CqkiGgLkW4/wB39KiqTzPv1H9/px9KCSWOP7lB5680u1vU06sjSw5FHpV3y/aqsY+bZ33Vb2n1oEFO2Gl8kf3jUuw1QDNhptS+V/tGnY/2B+VK4Dal2j0o2j0paYCc/wB39KXyv9o0vP8AdNOKq/Q4qrAOCkdDijavrTtp9aI4M7PmFFgG07Yad5dSUxXHRx0eX9+lyR3o+X1b86CR20elFBQvswcU7YaVirDvL9qWNT60YfG3+Kn4cdqYxtL5dP8ALp9ArEfSk2n5+al8ujaaVwsNp9O2j0p20elMLDe2O1G0elHlf7RqWOEHvSuMi2n5+adsNSmPftxxnrRtb0qQI9p+fmnbT60+jafWgVxPLpaftPrTvLoGRSRn5Kd5dTYHpRQAyjYal2j0ojjPz0AN2j0o2GnbDT6AG7T60mw08MU6rmlSgdhNhpc0u37/AN6n7R6UCG0VL5dHl0ARU+nbR6VLtHoKAItp9aWpfJH940m0elBZFsNPp9O8ugmxEGKdVzRTzz15oqShmw+X15p2w1NgdMUUAMRR6VzVqoi8faimP9ZpkTfiG4P15P511FctcLn4kQsu5RLpLg47sr9K1hqpIzbOk3N6U6n0bDWRVxnkj+8aPLp9PoKIqgu9OtdStZYLuFJbebG5Z1BPHSrscXtTQrLyBg0tVsLpYyNN8G6Vpd8l5DayTXijbHcTSSSyRD0VmOQPpWuqFRgcD2p3lA9QDTqe794SVhm0/PzUkcdJT4yfWgobtHoPyrD8KxpDHqUG0jyr+eKP6Z3ZNbtYXhdpDqXiBC2f9NPf1iTP8z+daR2kZ2sbXl0bT61Y8um1Fiwpm0+tPp0ZJ/hzRYZFtPrT1UqMA4HoKdsNG0+tFhLzGEBs5GcnJ9z60vSnUVOoLQPLpnl1NRTGQ7DTdp9asUnl07AN2j0op+w0UgK2H9KUqWXaeR6VYqHDfPxVrQmxjeEw32Dy8riOSSP8ulbW4/3f0rJ8MxpGb+H+Jbt2b/ZBrZpVPiFEZRTqftHpUljKZsNSUU7CuQ7T60oJHQ4qTYabRYLjKKfTto9KLBcZtHpTdp9alptJajI/LwAAMDpS/wAOO3pT6KLE6DNpGSDg9KIxkux6U+jtjtQUtRmHPaneXSfN/eP507NK4DNhpuaduGd3zYo2GquIZSBWTqKq3et6ZYSCG41Kxt5ZG2BJblFZv9zc4/Wre8zbdj7sHcGzwwqrNK7JUrhUealpiUgDaT3pmRndg4p7mm5OMdqAEpuadTdo/vfrQAysbxTKYfD144OGZMBh1Fbew1zvjL95pKRD7008ahfY9R9K1pfFqKTNbS7WS1sLeHIBjRas+XTY1b5Ofan5qZe87lKyGdaKHpu5vSlYLBUWak2n1okjpiItp9abtPrUtMpWAbmjNOqLNFwG+ZSYHpTvLpsiH1pgJ5nGM8UmSe9L5dO+T1oAhzTNq+tS8/3f0qKgA3N6U3cfWpNy+tQySCgBJJHplTdaj5/u/pQAzzPekyfWk5/u/pS0AR+WfkpaXJ+bnp0puH9KAI80VJtHpUdADd4qPaT15p70bj/d/SgCLNJ06cU+os0AFRU7c3pTaAI/L5z3pgUIcncTU9RFiepJoAZtb1plP2n1qLNADN4qvk+Y9WJFUd8VDQJq43aP7361VkJ9anqGgkr+XUToV6HH0qaSPH8R/Oosk96VwJ9p9aFUybMUqASdG/WgKy9CRUWNblny/mQ9/Wrew1TjY/JyfvVfpEjdyf3aehpDGX6cVL5dUAbQmzIpaceevNFKwDdw9Kd5Z8v3pI46n9quwBtb5OT+dMVRH/Aamo+Y9WJ/GmAzc3pUnl47U2pqAGbW/wCei/8AfNOpc07YaBWCneXT/Lp/kj+8aAsMBI6Lj8KWpNho8ugYvfPej5/epdo9KXNArjKdRRtPrQMNp9adsNPpaVgE2j0opak2j0pgReSPWjafWpdo9KfGinvmoAijVvU1NtPrR0o2n1oATavrTo46bUuHHaqsMbR3du1Jh/SpO2O1SIdtHpUe0f3v1qdKTyh6D8qAGbW9Kkpdx9adQAnl0bR6UuaKAGFSd+TmirHl0m0egoKuJSbDT9hooJCipdo9KPLoANo9BRRtPrTtrelADdho2GpqSNW7igq4wqX6LS7T60o3DoxH41JsNAXIfLpdo9KlptKwXGbT60VLsNNSkFxlcxfTJD8Q9AXzGBms7kLx/Fndk+1dZ5dc1rcDf8Jx4ZlCAErcITnnbs6fT2ranu13M2dHTqf5I9aKysUM8v79FYtx4wtLe/ubWOG71CS3CG6e1gaSG3Ddyw5JHcCtfT7u31azhu7V/OtZFGJI/un+8DnkEU5RcVcFK5NtI70uaOP7360eZH5fmbl2etSWJRsNVta1aPQdNnvHTekfl9Rn7zbavU7aXJuM2j0pvlf7RqWjaPSkO42sLR40h8R65GFIeVoZiR0DGPaR+g/Kt/Ya5jw1ZXWk+LtZ0+d5LqBoI7mKaaQs7AttK5POQa2grxkQ2dVTKfRWZVxgjKdeak6U489eaKVx3GUUUU1qrgGw0Vl/8JVo/wBq+x/2lD5/3fv/AHTu24JxjNalDi1uCdxdo/vfrSUVU0K8GsWYm3AgySIu3vtbbSSbVwbsXqbmuYs9S1rWre6vtPltorZXdbeK4g3rIqdS7K+V3dsVs6LqS6rp6XDKYWUgSxt1Vv4h+FaSjykqVy9mkrnPDPn6tBJrE2rSTQSXE4ghj2rEsattVBx859zXS7W9KiUeV2GncbtPrS1JTaY7mDosax6xqwJbBdSfetjcf7v6ViaAskWta9FK25jcL5JlOPk29TXQc/3f0oqLW5EWRBCnU5pc04qT1OaKgu4zafWlp1FUSNzSbDT9hooAZS7R/e/WnUm1v7tADf8AV5ywXcMhm6Kvqaitrq3vIRNbzw3Ct/y3ik3RN/ut0/MVxXxB1W9ktruztbn7NDHbrLM0a7mxv+6D6e1X28C2+l2/2jw4DpV/gOHgOyK5YJxHKp4GfWuhUbJN9SL62Os2r60yqmi6kNWs47ho/Kk3bZbY9Yn/ALme/wBau1jJcpSdwrH1bxdoei3cVpf6pb2V3Mu+KOQkMf0I/OtLUpmt7K4kQZwrYPpXDfC2+nuo9UN9J5t1cMr7JRuymzHf+HPOOla0qSkmzOUrOx3VvJFcQiVJUeE/daNt2ao61rMGh6fJeStvC/dSPlpfm+6oPeszRdNTw/r1za2ybNJul823XGI7aQdVH+z7Cub8Xf6R8VvDdvdystvFE80SyHCtIH+U4Hc+tVTpJyKk+U6nTdR1rzF/tO1sYoJmUxfY5pHKf9M5MpwfcVb8UXkum+H764Q+VKkLSF5DtC/THSp9WJjtc55jdTmo/EmijxN4dvtP81oRdxtGJVOPK+o71KtzXDmM7RfBuiw6fE82lWdzfTKkktw1ujyFivzAsRk4rbS3WOMQp8qjgKvAFcgq6j4J1CxD38usaTfShJvtkoee2kZtvmI/yqU/2SK7PvnvRWi77hEbRtX1opKwLF3D0pskf7vNLsNJ8394/nQBDmkp9NoAM1geIUaabSkRcH7Qn3q3tp9aw9a3T61pEbMVxIzvz0x0rWn8QpI3Y2HycUynYHpRUjG1Hh/SnZo3H1NBVxKXcDTM0zNBI3NJT6ZQAVFtPyc1PsNR0rAMzTck96k2Gj/gI/KmBHmm+X7Ur0uaAInY+tR0/cf7v6Umw0AJ5a/P8pqPaD2qfcfU1CY3ffggfLQAzNO2n1opNx9aAI9p9aKfUQVk6kmgBKZvb+8fzpdzelMoAXNN3J60vlf7RpPKHoPyoAbUe4+tSbT602gBlM2Gl2n1pPn9KACoNw9KlQ0zaPSgBu4elQyRuO4qXyR/eNRUAR7j61HUtRbT60ARVHh/SpKbuPqaAI3qDcPn4qxVeRSM/doIK0iH1qKeTb0XH4VY2k96hkjJqCrFiKEDocU/YadHGPQ1IlAxkaH1rQqHbHvRBkGrGw0rASdNmOKdRsNG0+tMB2w0tG0+tEaH1oAdtYdqWn4bG3Jz9aTYasAqWOM03y2+fkVN0oAj+TDrtOafHGaXcM571L02YoFcj8ketTbR6Uzyg/RsVNQFxlO2GlozQFx9FO2GhKAuG0+tFPp3l0BYbRT9p+f7tM3D0oC5LR3Ru1PpNrYxt4oGO8v2pfJH940+jYaAGf36d5dP8ujD+lKwDaKl8ujy6kCCrG5vSo9o9KmSrAbmkcmPqv6U/Yacys3UZ+tQAtHlf7Rop1ABtHpRT9hooAZsNGw1N5I/vGneXQOxFHv707YakpMP6UCI81JtHpR5dPoAdtHpTdx/u/pTsP6U/YaAIqk3H1pfLo2GgApdx9adRQAylzUm0elG0elAEdO2j0p20elL5I/vGgBlJ5dP2Gm7T60rACVzniJWj8TeG32r81zLCOOi7OtdL5Z+Sua8XKY9U8Ly/wAKagFMnuybduPrWtN+8TLa50dV9avl0rR725VTKYYmlWIfeJ2dM1d8umzW8U1tLDtysybGXsDTi1GV2Uct8MkP/CE6USfNuD+8nbofNb5mJPrjvUmgobPxN4htQu2ENFPGoGBukT5+KzLfVrLwLdSWWq3N5byAFYoY7dpEu+PkKKE3CQrwcnBNbvhq1vGju9Q1OH7DeXcol+xSSKWgjHyxqWA5O3k1tUkk35mMbm55ftXB6PPeal8NdX/0iSW9tftsKyqUDeZH93tXdm5heZ4hIol27/Lyf51zvhVfsmueI9OcRqTqC3iJlNxjlQBvlxjqpP41nC3U0d0R61eJr3w8kvQDLDPZxzhW4PByRx3B5rpbacXFtHMOjqtcv4c097Hw/q2iKzIbKWaNEUYwrncCD34rW8IXK3XhjTXO4v5Sqc84KjawPuDRUStZEmxsNEcZp9P6Vz2NBlYWoMLXxjpE/wAwS4jli3joSBvU49636wPFTCHUvDs/zYjv1V37gGN1xn8B+Va03dsUkbmw0/y6WnbT61m9BkOH9KfUmaSlYCKsbVNTn0/UXiABH2SSYD+8y9hW3sNYPiYJBLZXrKTFERGxPZHG1vyNbUbX1EJo+j21x4Xhs5o1MVxGssyhRguy5LY9Qec9c1N4Zup7rSzHdAi7t2aCVm/i29G+ppmi3E+m3D6TdwTSeW7iC9iUeSY+uH7xOo4wcg1b0e4+2Lcyqo2tMyqMcMANpP51pNPqRG5dw2HXK521x3hm8fT/AAHPNE8cM9s10u9V+5IpyMj1J5rrEu4ZL14grean3128H6GsDTtLl0rxNqtk0StYahtvAqwtgPjbKpP16UqbSVmDuxvwzf7V4J0uSMAyLCFk+buOhrRtYkbVNWiiLICR5gJ43FeSPc+tYGn+BdW8NX1y2g6jD9jldmWyvFcrED1CBThse9dNpelz6fbg3twLm+lk3y3BG0SP6ADotVUcea6JSaMLw1qVp4f8GwT3M4ighla2eQj5d2/GOOWOea6m1vobyFJ4ZWlg/ieMfK358iuG13SV8N3/AJkrpDoUl3Hd+bIpZbOUHLk5yVyeRtrZ0TXLDWPE14+lztfwGBDNcQY+zqT0AfAUn14pVErcyGro6mmUoYIXY7iKHrnNTnrGPyfGGqDoHjhcfj1roNp9awFJj8bZPWayBC9vleuiq6i2IiMpr0+m7W9KgsbsNLTtx/u/pRSAjzSU7n+7+lLQAyjMnvUvl0oynXn5aAOJ8X2AfV4muiyWOoRvaSyKceU2dyMfbFaXhe/eS1bTb0iLU7JPJdZOjhfuyqe49q2ry0g1CKW2nQSRTY3BxkDAwOtcrceEtZjhitra9tdStlAWC51DzPtFuB0CTREA/jXbGalFJ9DOS5Xc19PuFXX9SsVTdAixzLcehZOhFau4elZ3h3Q59Jgne8vGv7+4cNJcsgQMR0jQDrj1NT3mlx3V5DObq5hSHrHFIVV/qB1rGpYpImu7VrizlhDDLpxXBeG8w30KWiOdbsY2tLy0kYAzwh8goeBnHFegdDkcGqeo6DpmtPCdRsoLvyjkPLErkfiRVU6ijfzIlHmdytdb7vXLOa2lWaC2LGVdwOT/AHQRXP8Aj7wuupNp+pqJfNsW3GW1J+0JF/EyD+Ip6HrXU6foenaTb7LGyhskznbbxLGM+uAKusxbqc855pKo4u6K5e5ydnq9tqFva2lnqkmvSyPve4WJWZE9JdoCA/QVsa1a6nMqDS9TtbGaPd5jy2vnh/rl12fhWn5abmbjcxyx7n60pYkAE5AqG+wcpx19p/i3VLdbLUP7Fig3p501rLOsh2ybuFZcV1f3Nmak3H1pDz15obuUlYZRTthptZDGuaTafWl3D0ozQAymU/afWos1VgHf3653WG/4nmmD5tzMwJzya6DNc/q0pbxBpXy4+dm+fjjb7VdP4hSZ0FRRux7ZqXcPSjpUjGUyn1Hh/SlcBKSn0UwGVFuP939KmplADZGALt82PrTPn8vouaf5fGN5x9aTYaAG5o3inVFtPrQAUyn7T60ygA+515+tRZp+0nqc1DIzDtigBc0BgNuBjPBpHptABSUtJsPqfvUAR5+/SFSepzT6j8ygBu0+tNkVR3xT81DQA+o/Mp2aj+fzOi4+lAC5qMHZImWGKkKh+jYqIqD1jU/hQAn3OvP1pdx9aZ5eerE/jTPn96ACmU/afWmUAM2n1ptS/wAdRbR/e/WgCHafn5opcn1pny/Py350AQ02Tj/vmpaZ5ZIdT1oAquaikYegqxIw9KrSgP0GKCCOSQVF5mafIg9GqGRx6UrFXNONj61JtHpTLdQeuak3D0qLjCP7ySVdqtbx5nT+5u+72q6Y9/TimAtM2yZ3cYqXyR/eNHbHagB21vSl6Uvzf3j+dLsNVYBe7nvT9q+tM2n1qVFHpTATy6XafWlzRx/e/WgBdo9Km8kf3jUUfb/ZXmpdx/u/pQQOiUR78in0bDT9hoAip1O8uja3pQAiMfWp9i/JzUUcZqXA9KAH7R6UU3y/9o/nUtBYzyQ/Q4pNo9BUwVR0OKbtX1oFYdSox9aTafWnx0DClzUm0elHl0ALRuPrRRQA7afWjafWn06lYCGOP79P2Gn0tMBKXDepop20/JzSsAbR6UR/wVL/AMBH5U6OL2qQG7DRtHpT9p9aNhoATy6WlzTtq+tBVxlLhvU1J5dFBJFtPrT6dR/foAXDepozTqNhoAbmpaTy6fQBFtPrThGU680tPPPXmgBKNho3H+7+lLmqsAlGw0+jafWpAbSbDT6Np9aAG7T61z/jBVMmhSk5KanA2e+fWuirB8bwqum20gOPLvoH47fNVw0kTL4Teo2n1p2w0+OM1m7p2KGxqYU2IdiYxtXgdc/z5pfM75fP19sfy4pQhTqc0tK7luC0IwoDbgMNjGe+PSs99If/AISIagmFXyDbOoRgGAJYE884BP51p0nle3+elUrop2YLCFbKgA+oHtiqlnpsNj9o+y5iSWRpGiHCq5OTtHbPerxAfo2KT0PcHI+vrRqKwmw0/Yacu7zOFVn/ALgVsfmTUm1fWjW1xENc746ZotJtbjHK39qSv+yX+Y/hk/nXRbT61g+PVY+HZ0Iy6vFhe4+f1q6WjFJm5QjH1p0an/Z+7RtX1qJb2GO2GjYaejGToKWgCPYar6lYw39hJayDMEqbSDyQc5qztPrRJ1z3prR3A5n7D4j2w2MF3aQW4Ahj1NY2a5VQMBSCdm7H8WK29Ns49NtUghGfLQqGb+Ik5Jq1tByCMg0/Ya0lJyElYgCld+CRR2I7en45qXaaTym+T7tZJ2FYa37z73zdevPXr+dHr79adsNOaNSwOVDH7uSdp/IilbsU7IiEW1doGFwBjtx0pILdY02IoVM7tqjAz6/WpWUL82fk/us33voRTdrDuaq7JWoHkYPIpNhp9G0+tBRz10scfjLTWOd0kEsZPda3qxNYiA8VaK4bGROp9zW9HED/ABVrU2iyIjKTcfU0u0+tH3NmaxLG5oenbDRQA2k2Gn+W2d2RiigBuaDz15p1Gw0AM60fxE926n1p9FIegz+/+VNqWoqoQylHyjA4FOplHMMbk9M0m0+tPpu5vSncQlLRRTAZtPrRT6ZtPrQA3cfWkpdo/vfrSbT61ABtHpTNx/u/pT6bmgBiGmPT9p9abuT1qwIc1ieICbHVNHnVfm88w+V/slOua6DaPSsLxQx3aUcc/bVTb/s7OtVT1ZMjb3D5OP4aKTy/uUtS9B3GbT60mf8AbP51I9Q7h6UrDDafWm5qXafWmbDRcBtJS0zP36YDKXNO3D0qLNADth9T92o94p+4v0JH0pu0elACcf3v1qOil2j+9+tACVF1p+0+tJJGaAG1DtPrU2w+p+7TNp9aAGpRk+tOeMrsxxTaAInNM3D0p1J/wEflQBHmmU/cPSnbR6UARBinVc0PSyAf3jTM0AOCgdBios0/NM2j5PmoAZtX1pfudefrSUu4HqM0ARbxTNo/vfrSUbh6UAR7j61HuP8Ad/SpfLPyVF8/pQA3zf8AZFJS0190fUj7uaBXIc0bmznHNOqL5/egLjNoPaqrcdOKtVSkNBIyTd8/7z9ar4B7U/A9KZIxHbFAGtGGQ7lYkfWk2n1p6/KMDge1OjjNZ2LJo1PrV4cdOKowb8be9aEcZpgGw0bDUuw0bDTsA2ND606ND60vSnbSO9O4BsNA/d9afTjHnfnmmA3cPSm7W/u1JtCdRn61JgZRt3HpmgCOOM8+/BqZKOlO2GggXNO+f0p20elLub0oKsJtH+1Um0+tL5lSUEkS/u9+adsNOIB6jNK9BVhPLqXy6bh/SpPL2dWJ/GgYm0elJtHoKm8umbDQA2jafWpfLp+0elK4B5Z+SjafWn7W9RRtPrTASOOk2t/dp+SO9OLs/QYoAWOOljjNLtYdzRkjvQAlOdR6U/aPSm7R/e/WlcBEUelTYD9Bj6UeSPn5o3EdFx+FFwAoX2YOKXaw7mpRx04plSA6m7T607afWloAj2Gnxx0+jDjtQA3afWnbDQGKbMjNPoATaPSk2t/dozT9x9TQA3YafS0UAFJtPrS+Xv6MR+NO2n1qrAM2GlqWk2j0osBHn/0DNOqXy0/pTNhouA3yv9o0/afWneXSpUgMp+4elJRQA2sbxtCZ/Dd6F2hlAkB7jB3AitzavrWX4oj3+G9SA4b7O3Pf0q4/ETLaxpJIJEVx0deKoa34msdCktopTNJc3GfItbSCSaaT+8wjVGOB7mrOmEtpliTIpJgjJ+X161h6S327xz4hedglxbpDDbx+kbp+8Pv71pGN22O5sadrVtrNn51szSR/c5GGjf0YVcrnVH9l+OligUj+1LeWSeNeB5sZ3FwPp3rpKzloCdzmNa8VXdjdXkWn6Z/aK6dEs15NPP8AZ1QseIo8p877eTngV0ttItxbRzAHDqr/AJ1i+LtNvdb0WSx0+aCH7SrRTNPld8bDDJFjoSOCT1FaGg6vBqVmi28D27QssElrIfmhYJ8qk9wfWql7yuhPQoat4li02+j0+1srjVdSdVYpa4CKn9+R/up9AK0YbiVbVpLqHyXVWeWKI7uPYmue0HULGzk1zVr67S2ml1Ca2MlwwTiNMAA4zgnnFdHZ6hY61Zl7a4hurYjBaOVGUD0LBsfpVSi4uzC5y2laU/jTw3/amqSzrJeo0ttb280qR26lf3abUIEh9Sa3PBeoS6n4T0y7um3XBgUT85JYDaT9c1Q0mJfBOhx6ZctNcrFuhs3jiGZV/wCWcY9/Ums3wN4iaw0e1t9U057GNjJFDdF42iL7/uNsbI+taSinG8SNju6xfGTFvDeoArny4wefUdDW3uHpVDXLUXWi6jHnPmRNXPDSRW5ZhZZIUcD+Cl2L6NUGjubjSrJgV2tFGS3rnrV/7/Tj6VEviLEVDF3oT+LinlSdmTmuW17WnuL6w0yxuRC93cvDPPDzIiqu5gq9ARVqLZLlY6TaP7360lY9jeT2+oC0vH8yOdQ9tOw2eZ/eUgdCK26UlylLUZsNVNY1hNF0u4v5k3JEhlCL1IHRfqavVWu7eC6iMMyCZTglZBuBx060wMXRfEF5ceIJNI1G0jtrmS3+1QrFIW+QttIJPcVY8S+ID4dgtBDZtfXV5MILeCNs+Y5XcSCegFZOuNe6f4rg1uaKJtKgg+zu4l/eR73yZGXy8MB6U7xlc2tpfeG7+7uoorSG7kUmVxhQ8e0EccVvyRumupkzo9Luri7tFe7t1s7v+OHzVkEf4gc1yF3o9n4q8eapFq0Bube0t444LOdG8lA/WQ88ketdRo/iHSNejk+wahaX5hGWS2kVmVfUgsP0rH8WLPpjJq+l6UuoXzRyRsY544vkC8bt7L0qacdbMJEvgUyw6L9mYMyWlzNDG5bllRvlP410dcV4N1yex0LT01PSbqwSaMSfa5XiliZ2O7cSrZArt9vy79wxU1Y2loOLG7DRtPrS5ozWJoYOtfu9c0NjEdqyyqWz321u1i+J0Im0mUHCrdDI+vWtjNa1H7qIWg7YaaYQerE0/NJ5Z+esiyLafWipabQAztjtT6dtHz8VHmgBP79N3FOpz9afg53ZGKTr15oAbtPrRmnU2gAzTKelJTsA3afWqmpalZaTD597dwWsO7/WSzIqt9GZgP0q35g2u+4Y21gaTDba5MdTlhWZi7LbeYobaA23PNXGNlqS5WNuGaK+RJrd1ki9UalrmNLhGi+KbvTbdRHp80IuIFxjH94AdsV09OXujTuN+515+tFHXrzRUjDcPSmZp1FAEX3NmaXj+9+tKcnqufwo2j0pWAbRT6izRYBjmo9o9BUlFMBlYHiKTzLzSoe/nff710Vc9rMKyappuFb7/wDeqqb5WRI3Nwzu+bFFLuOMZXFJUyHYJKhp+aKCgzTc0ZpKVgIs0U6jYaYDPl9GptPzTKAG9OnFJtPrSn59mOKM0AMpNo9KWm7xQAzNL5mabuP939KKAFqvuPrUuaTaPSgBn/Aj+dJTsr6CigCL+/Tc06k2GgCLavrS0n9+loAhkiH96m1L/wDEZqHafWgBaTy6WjeKAIabTqbQA35E35Oajk/joLKeozRQA3a3qabuPrUu4elQSIrb9pYfQ0ANqAsGLMRkdOal3io9oxjHFArCbh6VF5x+finUzaPX9aAsNLh+gxWc6sg2kkn1q+Cg6HFVW+Y5PJ96CSLbGm/OTVaRj6mrMn8Pv1qvJQBteWUjyakwG37Wx9KRGZuCM0BMdOKgss27N5icVdH8dUrdW+Q5NX6AF2n1o2n1ozRtPz8mkAfx1LTNhp9MB2w0qE88077/AE4+lJsGd/zYqwG7SepzVjyFxjPFN8kf3jT6AHZX0FP2r61DGh9asbR6UECxqp75pNp9aMe1PSgq4yptxzuxxSbR6VN2x2oCxFUuxV+8c0bR6UEZ6jNAXFw3qad1355pm0+tS0DE3H1qTYaZT41PqaACneWfkp/l0tKwCUbT60tP3D0ouAnkj1oCkdDin0UwHUbR6U/cPShKACk2j0FLtPrUu1fWoAip+4/3f0pNhqSgBmaTD+lPpdzelADqKbmnJVWAKk8ykp20elFgA89eaNho2n1pdp9akBPJHrUbk/LUtJgelACpTqTa3pUiVVgGhWHRcVJS4b1NJtPrTAbRTtho2GgA2Gjcf7v6UuaM1ADqE/i4pu0+tOqrAG1fWiOM0U+OiwDNo9Kraxai8028t1OBNGyBu9W9hp/lptxxj0prR3E1cxPCdw9x4Z0yaXh3gQYk42sBtwce9ZPjDRL6PU9O1vSP3d3av5d15fzPJEU+YBOhI/h9K6HQ9LfR7J7XdlFd5F91J3AfWtEfLjHGDkexFXGXLJvuFjj7PXrPXPHelHTZGvzDY3Xn3MakC3BbYN6DDDP90Hmuna4EdzFGsbP5vVl+YD86ljgjhDBI1QM24hVAyc5z9c81I3zAA8gdAaJNSBKxSu75bNwGjkeKbchZfuKvq56j8KyIr+1n8bRxWMsN39qsi85jkBzsbCluMAkcYroyhYgnk4xn2qvpel2Wixyx2NvHaxytukWBAgc+pA6mlF2VmDVzjrq3fSfE0rzTR21vNObu2vplPkSMVzIj45jb0YVrXtzaxatYtp8tmmpzyDfCjqJZFPUsqjdx7mujuLVLqExTos0R6pIoZT+BqrZ6VYaazNb2UNuzAhjFEqkg9RwK2lU5lqZalplDZyAcnJyO/rXI2rWWnx61pmozxwHzHnP2iUIAh7KSOTXXbT61FdaTaXuxri3hnVPuiWMMF+melYxnyl8tyvoTtcaJYzSbmkkiUvI5x+lTzR+ZDJH6pzVgx7gAeQBgD0puw1Dd3cdjL8JyN/YNomF+QmM8f3W21r9OnFY3g5XOk4li8p2nmIDDou/Kn8a2dp9aU1Z3KJMn1rzm4tJdI1K5eCEzXen6i2phTGxNxBINj7eeDXotYuuaXcNLDqVhEDfwHy5IVORPDnPl5PT61tSl3M5Ip+Kr6CLQ49dtJhMtnNHcpKh+SQb/AJlPcE9/Wuj/AId/avP9Sm0i8QW+kWl7NqGqvEj2MMc0MUX99mRl25HrXoG07cZ49KdSwldCZ378MBUN1cR2NrLczNtjjXe7hdxP0FR2+li1uJpWuJGEzcJJKAE+gHSrTR7shhkYxz6elZGlzO14RTaBeiQr9mliZWyVwD61yfivSdR1X4e2T20ZnvLdYL1oFBYSgLl0wU5z2Fbkvw/0eW4aeVbl4JP+XaW5byP+/edv6V0KxqgQKoUJjbgfdx0x6YrfnULWM3qcbca1oWsWNhrFpcW6XCCJIXi2icFm+ZSMZwPSutkhF5bzRMcCRCMdiD1qD+w9N+2C7/s+1+1K24T+Qu8H13YzmroAHQYqZSu7opR7nGf21La6K2inSdSudRaMWkZEDCCRQ2BKZtuAMcYxXW2du8dqkUhDMq8luc1NgfNx97g+9G09e9Q53QKNgopdo/vfrSbT61kWZXiGIy6STtLmF0lUL94kdRWmjCSNMAU7A9PekWPbwOB7VfSwrDdp9aXJ9afuHpTKgYkiH1opdrHuaTafWgBuaQkv0XFP2GlHHTigCHnGNvH0o2n1qXYabQAzafWilQ0lABTdo/vfrTqZVgchpeqyroOrwXSkalYeb5sIVmP+wVJPIrd0G1Wz0m0jX5cIN+3jGTk/meayvGPhy5vGW905FW+ji8h4JjgToOqZHQ+hpIfGSRwLb/2Lq/2woubP7J/7PXQ7SjdGS8y3cWaXPiq0nEhzDbSIq56bvWtisTw3pl3bzXd9qcwa8u3y9uo+W3UfcjHv6mtusqhaVgoooqCgopuaM0AMzRuHpRTNp9aAH1DsPqfvVNUfmUrgNpr0+mbT60wG8f3v1rF1SP8A4nFg38KuzKPUVs/8tHqrdaeZ7u3mZiFhRtvvRHe4mifaPQUvlf7Rp1G1fWh6jGUeSP7xpaKAI5Iz8lN8vZ1Yn8afk0w89eaAG7h6UZpKWlcBlMp9MpgMCkdDilp1NoAZTPlxtwc1NuHpUJZn5AwaACRiO2KbUu5j2/SoqAGUU6o80AJTc0ZpNp9aACo5FbO7JA+tOzR1GO1ADNhoo2n1ooAr7m9PajafWnyMR2xUfmUAJSUtMz9+gBsjj0puVfZg4pflPZqRYfL7UARbR6U3afn5p8iH1pvnH0oAjkQ+tR7j61Y61V8z79AChFTqc1EWDyOAMCnnnrzSBQOgxQK5DuT1qOpNq/3R+VJIwG/gUBcrbR6CoJHHpVjcPSq1xGRQSR7hVaptw9Kj2GgDb3gfxU+ORNqOQcU3yY/k4NTxx/Kw7DoKzuWOtw3pWjVKHfHJzVvn5/8AepgOpcD+9+tMzUm0elAC0eV/tGnU7y6qwEnTpxT+2O1MqWmAzYaNp+fmnRqCNvzZpdp9aAHxME6jNPpuE+T5TTqCB2w07YaWn0AO2j0oop9BYyn07aPn4ooIDYaAhTqc0uaCSepzQWFSx0zavrT9x/u/pQBLRHGaNp9aXJHegBNhpyKPSkzTqgB2w02l3H1pasB+w0+mbT60+lcAp2w0c/3f0pc1IBTvJOz7woo56bf0oAd5dNqak2j0oAZ5dP8ALpaM1YCUtO2GigBuaM06jYaVhXCnbR6UbDT6LDF2n1pKXc3pTqYrjc0Zp2w0UDGfP6Uuaf5lJQAU7aPSm0uaVgHbV9aZTtho2Gi4C7V9aKd5dFFxXG5p1P2j0oemMMA4yO+f0xRsNFLmlcBdo9Kj8r/aNPzS7R6UXAbtPrT+lCU7yR/eNFwG0wqT1OalopANo7Y7Ubh6U6kBFub0pdw9Kko8hfWgBvoOwGBTqKfS1AiendVKnkEYI9R6UUu4elVqJq4bT8/P3/ve/wBaZT94pKWoCKzL0JH0NKSX6LijYaUEjpxVXCwD5SCOCOlMp9JS9RhtHpTafSbDQBHtH979adSeXRh/SkA3yR/eNPpNhpaBXCijcPSiquMZsNH3OvP1p9M69eakApuadRQA3NFO2Gmv/DQA3cfWlopdo/vfrQBDTuf7v6UtDmgBlFG0+tFVcCLAwRjjAH5dKd5j7du5tv8AdzxRS7V9aSbjsAzacYzx6Uyn7T60f36eoDNp9aKfUW5vSmAUUeZ9z5R+VFABuHoPu1Fml2t6U2gBc0m0elFFKwDaKKTafWmAYHpTSpbcCcgdPajNG1vU0PyAZtPrTQ4TqM0/NIVB6jNADaPM+/8AKPyokUD+LFFADKZT6Z9/figA2Gm0/eKZUAMqLc3pU9RVYDc0bh6U6javrQAyowSOnFHmU6gBnz+9M2n5+akdj6mmbW9TQAUzaUjydpp24/3f0qIyZ6qD+FABsNAYp1XNG5vk4pSSevNAENFOpr0AN4/vfrTM06igBu4Go/JR4+Milpokx04oAZ/fpKfUe8UAJTTJnrzRvFR7T8/NACyVDUu45RscU3cPk4FAEXH979ag2N/dqy6j0puaAIspjbn5qhzUm0ZzgZptBA2q8iF+nFTbxTNwoArPUDTGTtVi4jx0b9ar9OnFArkfl+1RSMR2xU2abJQM2Mn1qXzKZtX1p1ZFllWJ6nNWk71UswyyfMMj3q3tPrVAORR6U+ijafWgAjQ+tTbR/e/Wm9KWOM1VwH8/3f0pc0bT61J5dMBNxznJzTto+f5qTYaXA9KAH5NOjjNEcZp/SgVg/v09KSpY1HpQFhadR5I/vGl/5aJQMKdsNFLmgVhKdtHpS0UDE2j0pc06n7R6UALvFJR9/px9Kl8ugA8uilzRUAJsNP8AJH940UVYD6Kl2j0o8pvn+7UAFFFPoAKKKdsNAC0Um0+tG0+tVYBaKTafWpdo9KYDfn9KKXcfU06lcAop2w0UxWFoop1AwoooSgVhc0lS+XTaAuJ5dLT6SgZFRtPrUvkj1pu0+tK4rjo0PrS07aR3oSpC43NOo2GigkKfTKXNVcsSin0JUgJsNLuHpT6j2GgBdx/u/pRmn0lACvRRRuHpQAm0elNjZj2zT6NpHegB1M2n1p9FADaNzelOSl3D0oAj2n1oqRXEnQUlADKfRRQAUU3eKN4oATafWl/uUZoDhOozQAm0+tLmjafWjcPSgVxNp9akzTM0bT60DCmU6RiO2KbQKwUJRRQMHpm0+tPoegBlG0+tP3D0puaAGbj60U6m0AFMp9I9ADaKNx/u/pTc0AGaZ9/px9KdR06cUANpNhp9N3N6UAM2n5+TTc1LTKsBm5vSin0ylcdhtFOpu0f3v1piDcfLfmmJT6TYaAInpuadTNp9aAFozR/fooAZRmneSP7xpv8A8XigBP7n+7UbmpX7UygBmPal3jDrjml2t6U3AznHNADXpg46cVNuHpURUP0bFACUUU3afWlYVx2w1DsNSecfSmZpjCotw+finuab5dADPL9qTafWpaizQAzafk5pvnH+6Kfub0pNnG3vQA3NMozRQAU3cnrSbmzuxxSbR6CgBKZU3yf+PVDQAzcf7v6U3NO2n1oHyb1IyaAGSfx1FsNPzTNp9aBXG7h8n3qTy6XJo3N6UDI9o9KSjeKCofo2KAGZOMdqZgelO38bdpzTdx/u/pQBFuZd+4Z+tJtPrUh5680zNAEL1FtPrT80m4+YgxQKxF5n+yPypu1fWnUx/wCHigLEBAbq2fxqvIwb7vH0qfYar4HpQRYj8z79MkkFOwPSmybKBm0lTJUNOyfk5rIsvxsfMXmrX9yoLcAyJxUuaoQ7zT8ny0/afWkSn0DH0/pTKfTAENWKhp+aoB20+tP2j0puaM0ASx07yR/eNNp9ABUtMpc0ASbj/d/Sn03NOoAKfTKXNADkop1FAC0ZoooAftA6Nj8alzUNPzQA+k2n1oj5pc1IDqf5I/vGnbR6UUwH0ff6cfSijp04qQCn0UUAOpd4pmaKAH5oz9ynUVYBT6KEoAdtHpRsNLTdx9agB2aTafWloQ1YBuHpRvFJRQAuadTaloAXcfWkp1FIkWk2n1puafmgodTaM0zNSSTcf3v1o2j+9+tMqTaPSgQmaNyetJSbR6CgYtG0+tCVNCMjkZoKGbG9RRRTqAE+b1WnUyjNABmn7h6Uym5oAlpKWigB1FLNwOOKZmgB1G0+tNzUtAEUZo2j+9+tOqOSgCRRt6DH0oqDcfU1PQAbj/d/SjafWlzRmgBNo9KNo9KbmjNADqPLRfvHP1puaDz15oAb5lLRtHpTc0yB9OpcD5+KSgsbknvSc/3f0paM0gEptPpKAG0U6m0AMoop9ADKbTqKAGbT60tGaKYBUew0uafSAZ5I/vGmU+mUAFLuHpSUUARZoooqgDevoaZS5pKRQUylzUW4+tUSS0ZpmafQAymVLTaAGU2nPRQA2mf/AK6fFz15pKBBsNR7R/e/Wn7j8/NVs0DJN7fJ8x/Omuxj6in1FKxPUk0AFMAx0GKlptADKbx/e/WjNO2j0oJG0ypagc0FCUuaSigQUyn01f46AIs0ZOc96dTKBkVFOptADcnGO1JT6Y/8NADHA9KbuP8Ad/Sn0zNMBuaYeTk8mpaipAJJx/3zUeal60z+/QSMpvmnDLt5p1N7570FEe0elRBSOnFWKNo9KAIdxznJzSUPTM0AJz/d/Sod4qV2PrUNADNw9KXA/vfrTto+fil2j5+KAK1RVL/fqKgCHafWq3lnLt2q5VN2IBGeKCCB6jkQ/wB0flU0lM3H1NAH/9k=)

Из тестовых примеров видно, что оба метода успешно справились с задачей нахождения численного решения. Погрешность вычислений оказалась довольно мала.

**Модульная структура программы**

typedef struct {

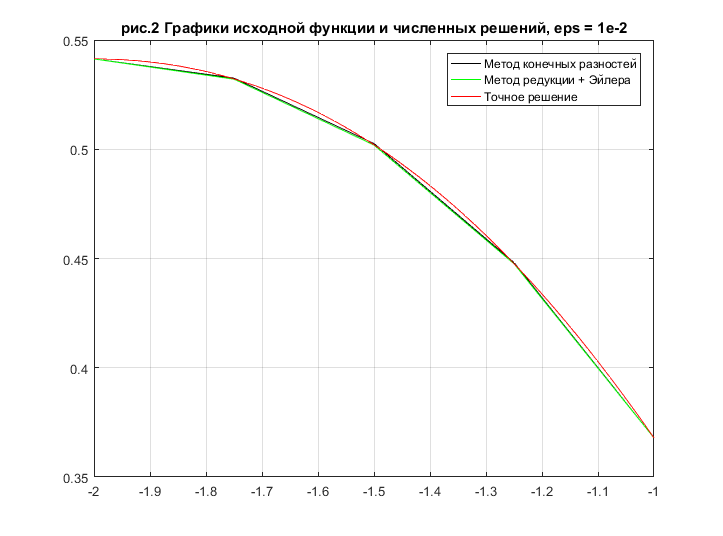
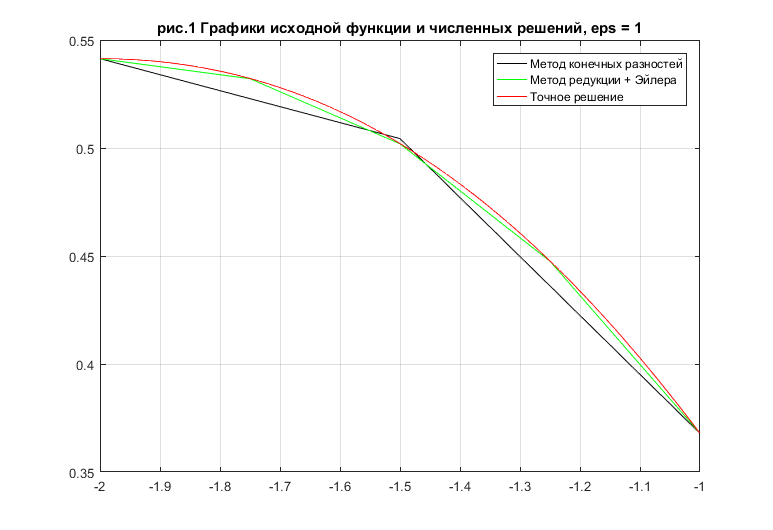
double\* yk;

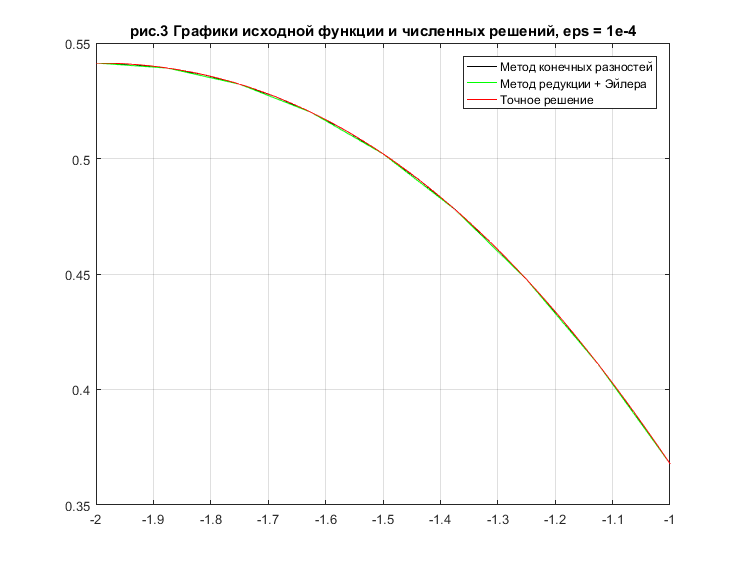
int n;

}ans\_t; - структура, хранящая сеточную функцию и ее размер. Нужна для возвращения этих двух значений из функции, которая находит сеточную функцию с нужной точностью.

|  |  |  |  |
| --- | --- | --- | --- |
| Название функции | Назначение функции | Входные параметры | Возвращаемое значение |
| double FuncSolution(double x) | Является точным решением ДУ | Аргумент функции | Значение функции в точке |
| double P(double x)  double Q(double x)  double R(double x)  double F(double x) | Возвращают значение числового коэффициента перед функцией y и ее производными | Аргумент функции | Значения числовых коэффициентов |
| double Qpogr1(double x)  double Qpogr2(double x)  double Qpogr3(double x) | Возвращают значение числового коэффициента Q с погрешностью в 1%,2%,3% | Аргумент функции | Значение числового коэффициента с погршеностью |
| ans\_t\* FiniteDifferenceMethod(double (\*p)(double x), double (\*q)(double x), double (\*r)(double x), double (\*f)(double x), double a, double b, double y0, double yn, double eps) | Решает ДУ, заданную коэффициентами P,Q,R,F методом конечных разностей с нужной точностью | Коэф-ты P,Q,R,F; отрезок, два начальных условия и точность | Структура типа ans\_t |
| double\* SolveForU(double (\*p)(double x), double (\*q)(double x), double a, double b, int n, double u0, double z0)  double\* SolveForV(double (\*p)(double x), double (\*q)(double x), double (\*f)(double x), double a, double b, int n, double v0, double z0) | Решает системы ДУ 1 порядка для функцию u(x) и v(x) | Коэф-ты P,Q,R,F; отрезок, два начальных условия и число разбиений | Сеточная функция в виде массива типа double |
| ans\_t\* ReductionMethod(double (\*p)(double x), double (\*q)(double x), double (\*f)(double x),double a, double b, double eps, double A, double B) | Решает ДУ, заданную коэффициентами P,Q,F методом редукции (с использованием исправленного метода Эйлера) с нужной точностью | Коэф-ты P,Q,F; отрезок, два начальных условия и точность | Структура типа ans\_t |
| ans\_t\* FiniteDifferenceMethodResearch1(double (\*p)(double x), double (\*q)(double x), double (\*r)(double x), double (\*f)(double x), double a, double b, double y0, double yn, double eps, double\* pogr)  ans\_t\* ReductionMethodResearch1(double (\*p)(double x), double (\*q)(double x), double (\*f)(double x), double a, double b, double eps, double A, double B, double\* pogr) | Решают ДУ с нужной точностью, возвращая дополнительно по указателю теоретическую ошибку решения | Коэф-ты P,Q,R,F; отрезок, два начальных условия и точность | Структура типа ans\_t;  теоретическая ошибка |
| double\* FiniteDifferenceMethodResearch2(double (\*p)(double x), double (\*q)(double x), double (\*r)(double x), double (\*f)(double x), double a, double b, double y0, double yn, int n)  double\* ReductionMethodResearch2(double (\*p)(double x), double (\*q)(double x), double (\*f)(double x), double a, double b, int n, double A, double B) | Решают ДУ при фиксированном числе шагов | Коэф-ты P,Q,R,F; отрезок, два начальных условия и количество шагов | Значения функции численного решения в виде массива типа double |

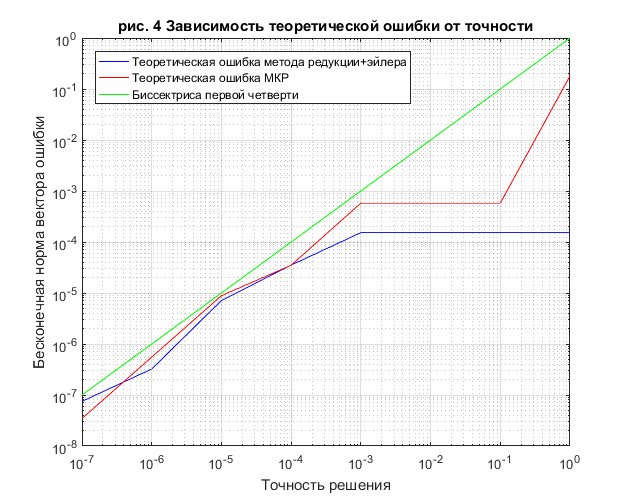
**Численный анализ решения задачи**

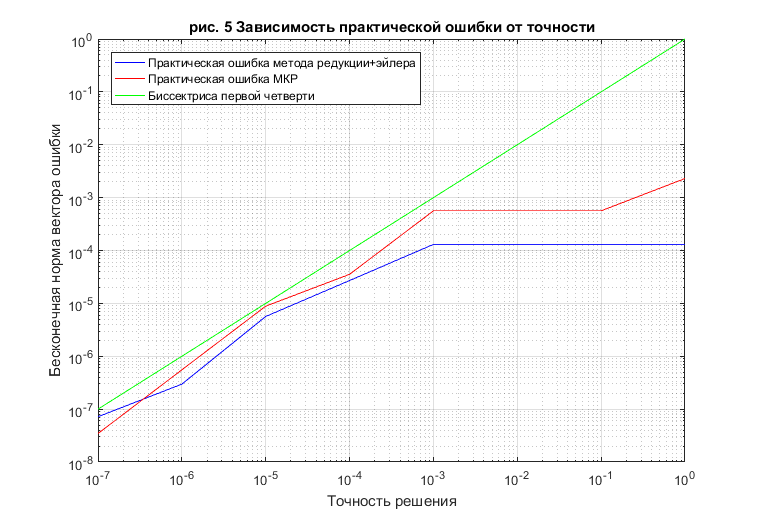
Построим графики исходной функции и графики численных решений, найденных с различной точностью. На одном графике будем откладывать по три кривые: точного решения и двух численных, найденных с одинаковой точностью. 



Из рисунков 1-3 видно, что оба метода хорошо приближают исходную функцию на отрезке.

Далее построим графики зависимости бесконечной нормы вектора ошибки от точности метода. Будет два графика: для теоретической ошибки (полученной по правилу Рунге) и практической. На каждом графике отложим один вид ошибки для каждого метода, а также биссектрису первой четверти, которая будет показывать, было ли решение получено с нужной точностью.



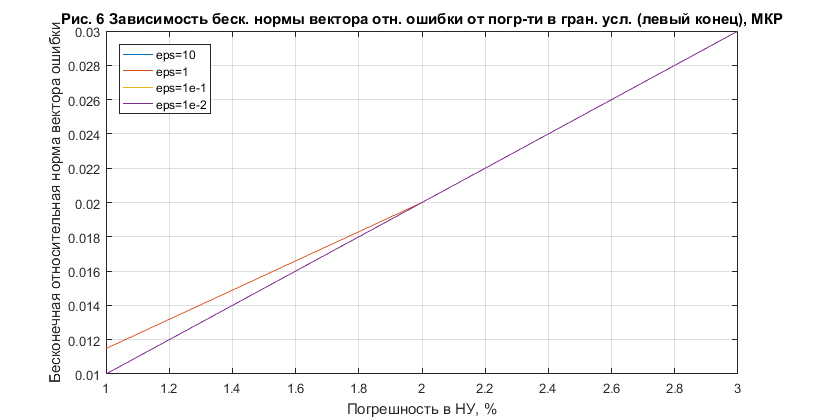


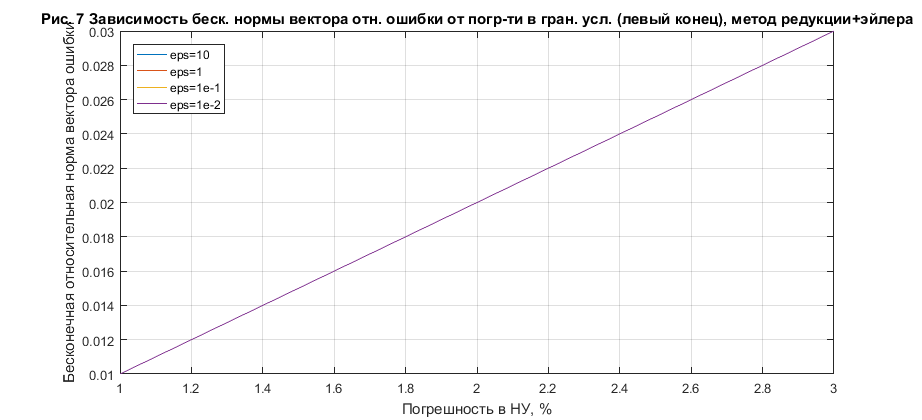
По рисункам 4-5 можно сделать два кратких вывода:

1. теоретическая и практическая ошибка обоих методов оказалась меньше точности (все графики лежат ниже биссектрисы 1 четверти), что означает, что оба метода справились с задачей нахождения численного решения с нужной точностью;

2. Ошибка при использовании метода редукции и исправленного метода Эйлера оказывается меньше, чем у метода конечных разностей, то есть они находят решение с большей точностью.

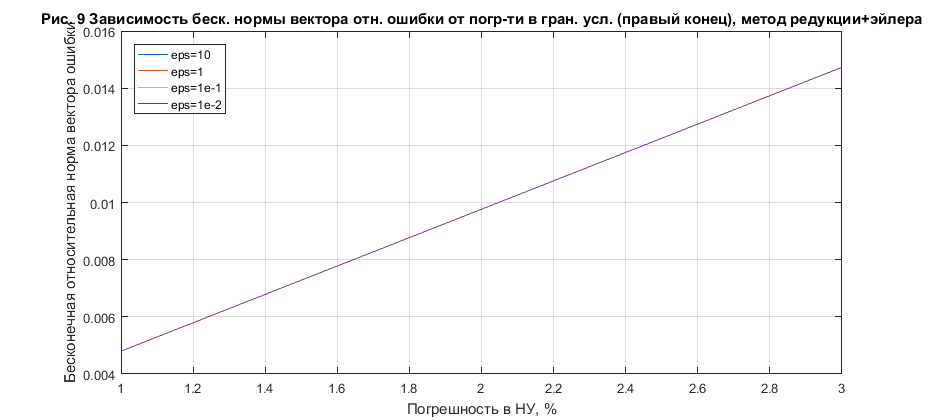
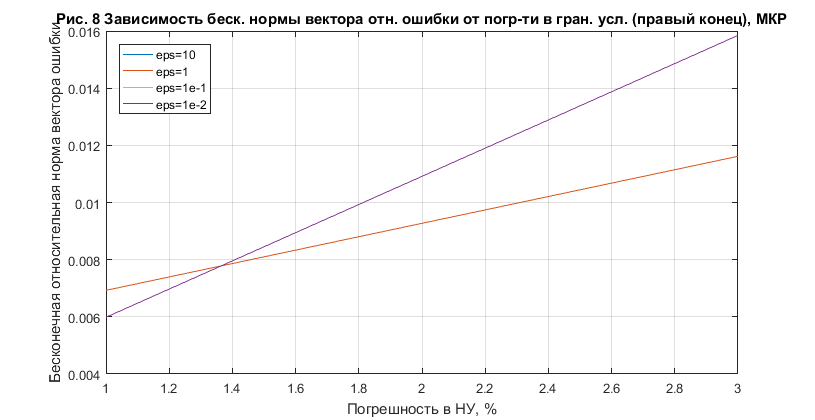
Теперь сделаем исследование о зависимости бесконечной нормы вектора относительной ошибки от погрешности в граничных условиях. Сначала рассмотрим погрешность в граничном условии на левом конце промежутка, затем на правом конце. По оси абсцисс будем откладывать процент возмущения (1%, 2%, 3%), по оси ординат – норму вектора ошибки.





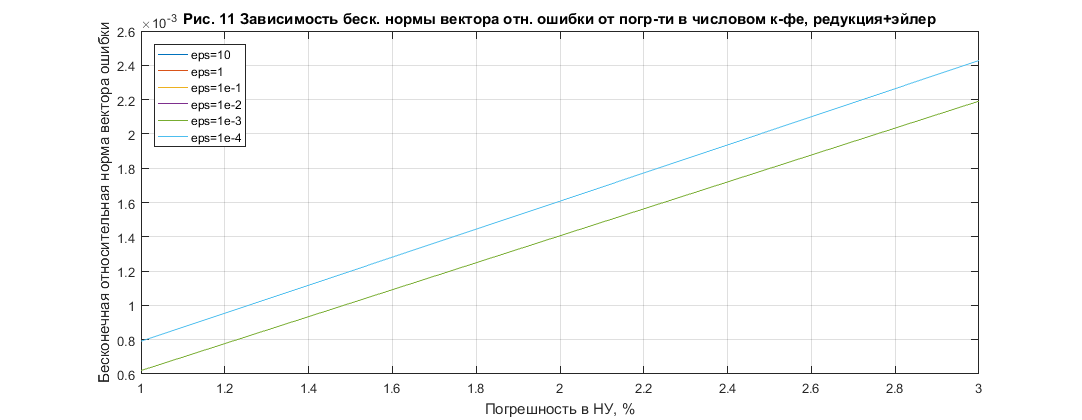
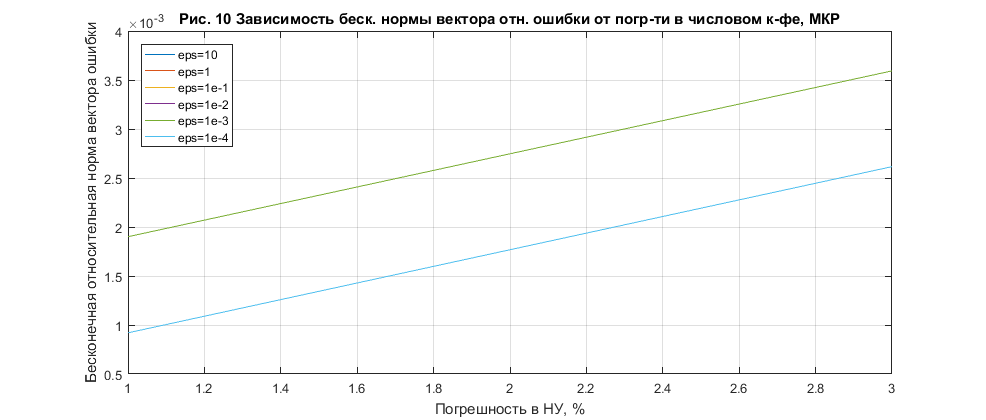
Рисунки 6-7 показывают, что для хорошей точности методы оказываются устойчивыми, и норма вектора относительной ошибки равна погрешности в НУ. Только у метода конечных разностей при довольно плохой точности ошибка получается выше, чем погрешности на левом конце граничных условий.

Построим точно такие же графики, но теперь возмущение возьмем на правом конце граничных условий:



Вновь метод конечных разностей оказывается менее устойчивым к возмущениям, в отличии от методов редукции + исправленного Эйлера, для которых относительная ошибка равна проценту допущенного возмущения.

Построим график зависимости нормы вектора ошибки от погрешности в числовом коэффициенте. Будем допускать ошибку 1%,2%,3% во втором коэффициенте ДУ () при числе ‘ 2 ’.



Рисунки 10-11 показывают, что оба метода довольно устойчивы к погрешностям в числовом коэффициенте. Бесконечная норма относительной ошибки имеет для методов редукции и метода конечных разностей имеет порядок 10-3

Также на рисунке 11 можно заметить, что норма вектора ошибки для решения, найденного по методу редукции и исправленного метода Эйлера с большей точностью несколько выше, чем для такого же решения, найденного с меньшей точностью. Это может быть связано с тем, что для нахождения решения с большей точностью требуется более мелкое разбиение сетки, следовательно, может накапливаться ошибка округления из-за увеличения количества операций.

Построим графики зависимости нормы вектора относительной ошибки от числа элементарных разбиений промежутка при допущении погрешности в НУ и числовой коэффициент.

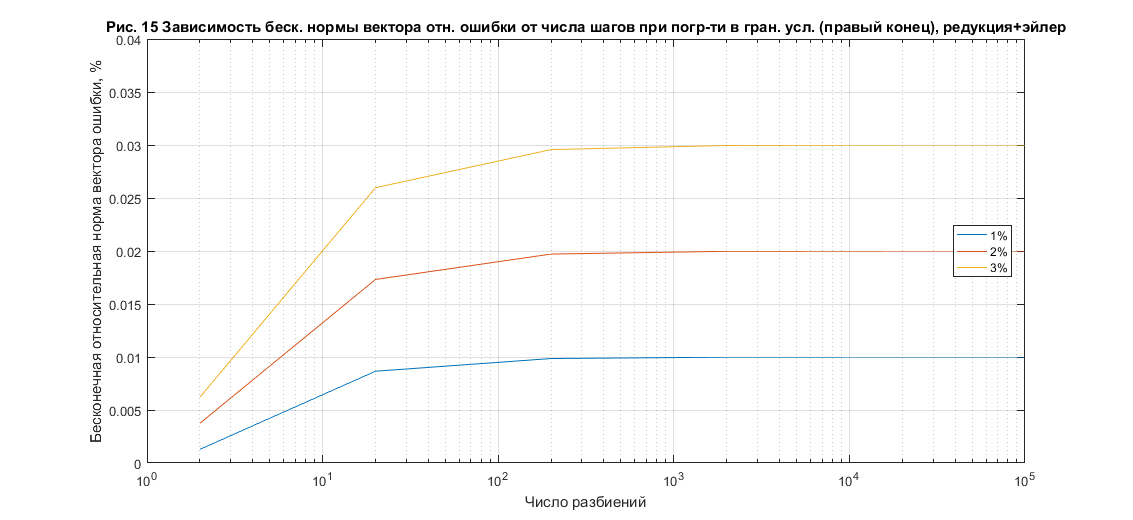
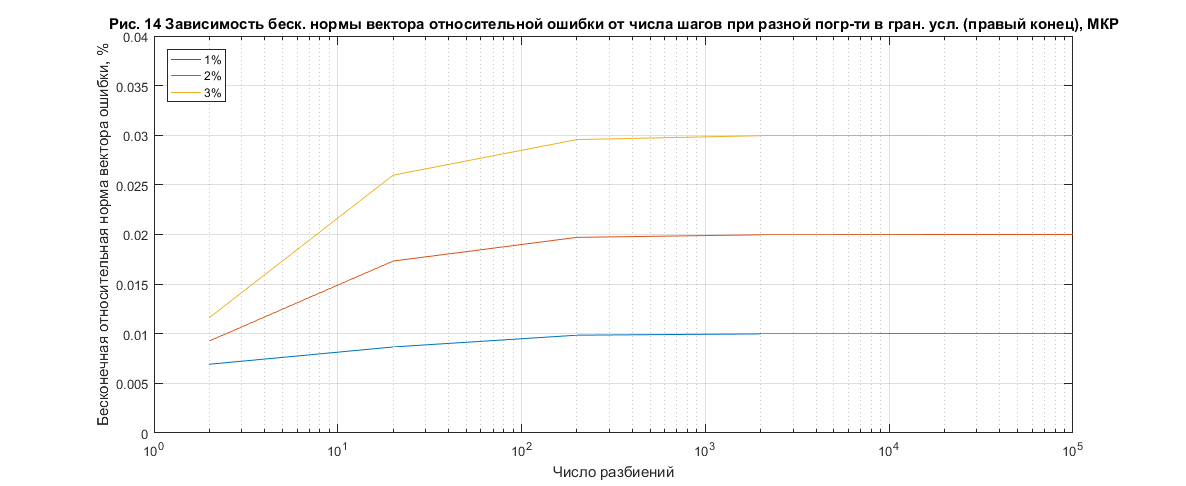
Изображение выглядит как стол

Автоматически созданное описаниеИзображение выглядит как стол

Автоматически созданное описание

Видно, норма ошибки не зависит от числа разбиений и практически равна допущенной погрешности на левом конце граничных условий.

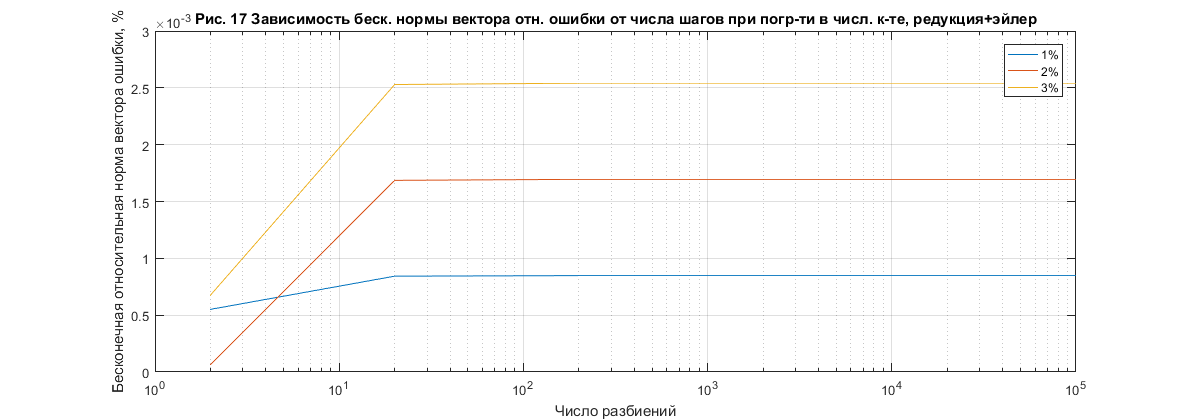
Построим два точно таких же графика, но для погрешности в граничных условиях на правом конце промежутка:



Из рисунков 14-15 следует, что для обоих методов число разбиений влияет на норму вектора относительной ошибки. Для обоих методов при малом числе разбиений ошибка мала, затем с ростом числа разбиений она увеличивается, пока не выйдет на константу, равную допущенной погрешности на правом конце граничных условий. При этом для методов редукции и исправленного метода Эйлера ошибка несколько меньше, чем для метода конечных разностей.

Теперь допустим погрешность в том же числовом коэффициенте и найдем зависимость нормы вектора ошибки от числа разбиений:

Изображение выглядит как стол

Автоматически созданное описание

На рисунках 16-17 вновь методы редукции и исправленного метода Эйлера получили меньшую ошибку, чем метод конечных разностей.

**Выводы:**

1. Метод конечных разностей и метод редукции (с использованием исправленного метода Эйлера), оба относящиеся к группе методов второго порядка, могут гарантированно найти решение с нужной точностью при соблюдении условий применения методов.

2. Метод конечных разностей оказался проще в реализации, сводя краевую задачу для ДУ 2 порядка к решению СЛАУ с трехдиагональной матрицей, которая решается с помощью метода прогонки. Метод редукции же сводит краевую задачу для ДУ 2 порядка к двум задачам Коши 2 порядка, каждая из которых сводится к решению систему ДУ 1 порядка. Эти системы ДУ 1 порядка решаются исправленным методом Эйлера.

3. Однако метод редукции с исправленным методом Эйлера показали большую устойчивость к погрешностям во входных данных, а также к увеличению числа шагов (к дроблению промежутка).