A

Project Report

on

**Object detection for blind**

By

Nikhil Singh 2001330100175

Nilay Pandey 2001330100176

Under the Supervision of

Vikesh Shakya

Asst. Prof. of dept. CSE

Submitted to the department of Computer Science and Engineering

For the partial fulfillment of the requirements

for award of Bachelor of Technology

in

Computer Science and Engineering



**Noida Institute of Engineering & Technology Gr. Noida**

**Dr. A.P.J. Abdul Kalam Technical University, Lucknow, Uttar Pradesh, India**

**May, 2021-2022**

**Certificate**

### This is to certify that the Project report entitled “Object detection for blind” is a record of the work done by the following students:

### Nikhil Singh 2001330100175

### Nilay Pandey 2001330100176

### This work is done under my/our supervision and guidance during the academic year of 2021-22. This report is submitted to the Noida Institute of Engineering & Technology, Greater Noida for partial fulfillment for the degree of B.TECH. (Computer Science and Engineering) of Dr A P J Abdul Kalam Technical University, Lucknow, Uttar Pradesh, India.

I wish him all the best for all the endeavors.

Signature of Guide:

Mr. Vikesh Shakya

Asst. Prof. of dept. CSE

**ACKNOWLEDGEMENT**

I would like to place on record my deep sense of gratitude to **Vikesh Shakya, Asst. Prof. of dept. CSE, Department of Computer Science and Engineering, Noida Institute of Engineering & Technology**, Greater Noida, Gautam Budha Nagar, Uttar Pradesh, India for his generous guidance, help and useful suggestions.

I express my sincere gratitude to **Prof. Chandra Shekhar Yadav, HOD CSE**, Noida Institute of Engineering & Technology, Greater Noida for his stimulating guidance, continuous encouragement and supervision throughout the course of present work.

**Date: Nikhil Singh**

**Nilay Pandey**

**ABSTRACT**

As modern technical solutions turn out to be excessively expensive, the task of automating the creation of the software tools for solving intellectual problems is formulated and intensively solved abroad. In the field of image processing, the required tool kit should be supporting the analysis and recognition of images of previously unknown content and ensure the effective recognition of objects. Object recognition is to describe a collection of related computer vision tasks that involve activities like identifying objects in digital photographs. Image classification involves activities such as predicting the class of one object in an image. Object localization refers to identifying the location of one or more objects in an image and drawing an abounding box around their extent. Object detection does the work of combining these two tasks and localising and classifying one or more object image classes.

Image Classification: This is done by Predicting the type or class of an object in an image Input: An image which consists of one or more objects, such as a photograph. Output: One or more bounding boxes (e.g., defined by a point, width, and height), and a class label for each bounding box. From this breakdown, we can understand that object recognition refers to a suite of challenging computer vision tasks. For example, image classification is simply straightforward, but the differences between object localization and object detection can be confusing. Humans can detect and identify objects present in an image. The human visual systemisfastandaccurate and can also perform complex tasks like identifying multiple objects and detecting obstacles with little conscious thought. With the availability of large sets of data, faster GPUs, and better algorithms, we can now easily train computers to detect and classify multiple objects within an imagewithhighaccuracy. We need to understand terms such as object detection, object localization, loss function for object detection and localization, and finally explore an object detection algorithm known as “You only look once” (YOLO). Image classification also involves assigning a class label to an image, whereas object localization involves drawing a bounding box around one or more objects in an image. Object detection is always more challenging and combines these two tasks and draws a bounding box around each object of interest in the image and assigns them a class label. Together, all these problems are referred to as object recognition. Object recognition refers to a collection of related tasks for identifying objects in digital photographs. Region-based Convolutional Neural Networks, or R-CNNs, are a family of techniques for addressing object localization and recognition tasks, designed for model performance. You Only Look Once, or YOLO is known as the second family of techniques for object recognition designed for speed and real-time use. A YOLOv3-608 algorithm is a high accuracy model which we used in the mini-project for real-time object detection.

**TABLE OF CONTENTS**

Page No.

* Certificate i
* Acknowledgement ii
* Abstract iii
* Table of Content iv
* List of Figures v
* **Charpter-1 Introduction 7-10**
  1. Project objective 9
  2. Project Motivation 10
* **Chapter-2 System Design 11**
  1. Data Flow 11
* **Chapter-3 YOLO 12-15**
  1. How YOLO works 12
  2. Confidence Score 13
  3. Limitation 14
  4. Conclusion 15
* **Chapter-4 Source Code 16-21**
  1. Implantation Code 16-19
  2. Label of class ids 20-21
* **Chapter-5 System Requirement 22-25**
  1. Steps to followed 22-25
* **Chapter-6 Results 26**

6.1 Output Screenshot 26

* **Chapter-7 Future enhancement 27**
* **Chapter-8 References 28**

**LIST OF FIGURES**

|  |  |  |
| --- | --- | --- |
| **Figure No.** | **Figure Name** | **Page No.** |
| Figure 1 | YOLO first takes an information picture | 12 |
| Figure 2 | YОLО рrediсts the bоunding bоxes аnd their соrresроnding сlаss IDs | 12 |
| Figure 3 | Eight dimensional vectors for computation of bounding box | 13 |
| Figure 4 | 5X5 grid on input to form bounding box for detected class id. | 14 |
| Figure 5 | Object detection source Code | 16 |
| Figure 6 | Speech code | 18 |
| Figure 7 | Detected cell phone with 1.0 confidence score | 26 |
| Figure 8 | Detected toothbrush with 0.83 confidence score | 26 |
| Figure 9 | Detected bottle with 0.79 confidence score | 26 |
| Figure 10 | Detected small bottle with 1.0 confidence score | 26 |

1. **INTRODUCTION**

Object detection is a technology that detects the semantic objects of a class in digital images and videos. One of its real-time applications is self-driving cars. In this, our task is to detect multiple objects from an image. The most common object to detect in this application is the car, motorcycle, and pedestrian. For locating the objects in the image, we use Object Localization and have to locate more than one object in real-time systems. There are various techniques for object detection, they can be split up into two categories, first is the algorithms based on Classifications. CNN and RNN come under this category. In this, we have to select the interested regions from the image and have to classify them using Convolutional Neural Network. This method is very slow because we have to run a prediction for every selected region. The second category is the algorithms based on Regressions. YOLO method comes under this category. In this, we won't select the interested regions from the image. Instead, we predict the classes and bounding boxes of the whole image at a single run of the algorithm and detect multiple objects using a single neural network. YOLO algorithm is fast as compared to other classification algorithms. In real time our algorithm process 45 frames per second. YOLO algorithm makes localization errors but predicts less false positives in the background

OpenCV stands for Open supply pc Vision Library is associate open supply pc vision and machine learning software system library. The purpose of creation of OpenCV was to produce a standard infrastructure for computer vision applications and to accelerate the utilization of machine perception within the business product [6]. It becomes very easy for businesses to utilize and modify the code with OpenCV as it is a BSD-licensed product. It is a rich wholesome library as it contains 2500 optimized algorithms, which also includes a comprehensive set of both classic and progressive computer vision and machine learning algorithms. These algorithms is used for various functions such as discover and acknowledging faces. Identify objects classify human actions. In videos, track camera movements, track moving objects. Extract 3D models of objects, manufacture 3D purpose clouds from stereo cameras, sew pictures along to provide a high-resolution image of a complete scene, find similar pictures from a picture information, remove red eyes from images that are clicked with the flash, follow eye movements, recognize scenery and establish markers to overlay it with augmented reality. Officially launched in 1999 the OpenCV project was initially an Intel Research initiative to advance CPU-intensive applications, part of a series of projects including real-time ray tracing and 3D display walls The main contributors to the project included a number of optimization experts in Intel Russia, as well as Intel's Performance Library Team. In the early days of OpenCV, the goals of the project were described.

With the current technological advancements, creating openness and attainability of data to and from everyone connected to it has become an easy task. Most human lives revolved around mainstream personal computers (PCs), and smartphones have made this process even more accessible. Along with this process, the expansion of information and images available on the internet/cloud has become to the point of millions per day. Usage of computerized systems to utilize this information and make necessary recognitions and processes is vital due to humans' impracticality performing the same iterative tasks. The initial step of most such processes may include recognizing a specific object or area on an image. Due to the unpredictability of the availability, location, size, or shape of an item in each image, the recognition process is inconceivably hard to be performed through a traditional programmed computer algorithm. Factors such as the complexity of the foundation, light intensities too contribute to this.

1. **PROJECT OBJECTIVE**

The main purpose of object detection is **to identify and locate one or more effective targets from camera**. It comprehensively includes a variety of important techniques, such as image processing, pattern recognition, artificial intelligence, and machine learning.

Object detection is an advanced form of image classification where a neural network predicts objects image and points them out in the form of bounding boxes. Object detection thus refers to the detection and localization of objects in an image that belong to a predefined set of classes. Tasks like detection, recognition, or localization find widespread applicability in real-world scenarios, making object detection (also referred to as *object recognition*) a very important subdomain of Computer Vision.

Object detection is commonly associated with self-driving cars where systems blend computer vision, LIDAR, and other technologies to generate a multidimensional representation of the road with all its participants. It is also widely used in video surveillance, especially in crowd monitoring to prevent terrorist attacks, count people for general statistics or analyze customer experience with walking paths within shopping centers.

* 1. **MOTIVATION**

Blind people do lead a normal life with their own style of doing things. But they definitely face troubles due to inaccessible infrastructure and social challenges. The biggest challenge for a blind person, especially the one with the complete loss of vision, is to navigate around places. Obviously, blind people roam easily around their house without any help because they know the position of everything in the house. Blind people have a tough time finding objects around them. . So, we decided to make a REAL TIME OBJECT DETECTION System. We are interested in this project after we went through few papers in this area. As a result, we are highly motivated to develop a system that recognizes objects in the real time environment.

The research aim of this thesis is design and implement an AI algorithm to detect URL links within image scenes using YOLO. Subsequently, we will use an Optical Character Recognition (OCR) software to convert these images to text and use regular expression to search for links within the text. Both approaches will be compared for accuracy. We also proposed a few improvements and future work later.

1. **System Design**

Chart, diagram

Description automatically generated**2.1 Data Flow**

1. **YOLO**

**3.1. HOW DOES YOLO WORK**

A picture containing text, electronics

Description automatically generated![A person holding a cell phone

Description automatically generated with medium confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4TDKRXhpZgAATU0AKgAAAAgABAExAAIAAAALAAAQSodpAAQAAAABAAAQVoglAAQAAAABAAAgouocAAcAABAMAAAAPgAAAAAc6gAAABAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAV2luZG93cyAxMAAAAAOQAwACAAAAFAAAIIySkQACAAAABDIwNgDqHAAHAAAQDAAAEIAAAAAAHOoAAAAQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADIwMjI6MDU6MTUgMDc6MjU6NDcAAAAABQABAAIAAAACTgAAAAACAAUAAAADAAAwqAADAAIAAAACRQAAAAAEAAUAAAADAAAwkOocAAcAAA+sAAAg5AAAAAAc6gAAABAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAATQAAAAEAAAANAAAAAQAAAtwAAABkAAAAHAAAAAEAAAAlAAAAAQAAFiAAAABkAAD/2wBDAAMCAgMCAgMDAwMEAwMEBQgFBQQEBQoHBwYIDAoMDAsKCwsNDhIQDQ4RDgsLEBYQERMUFRUVDA8XGBYUGBIUFRT/2wBDAQMEBAUEBQkFBQkUDQsNFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBT/wAARCALQBQADASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwDu4dN8v5pF/eNWh5bS7VX/AFn8S1Mnlsq7W+ZW+ZatrtasnCXNa52OpK1mQQaW3/LRtv8A1z+aplh+zq21V3fd3bfmqeORdvytTmmVY1+Xc1U+ZbsmEVJ3kiO3h2x/NuXdR9jWL/V/dqT7Vuf951qZZFXbtrklQpy96b1OmVScNEtCrHGWk21I0ckXzfw1aWNVbdQ37yuqMtLXMJVJdinEud3y/LUywq1WGhVVp8USs3y0lF3vc0ptLcqy7tqqq7qVYJP4vlarbMsbUm75tu35a6Yyja1xVXdXTKvleYu3b81Q+Uyt/erS8n5vl+Vqjhi2yNRzS2WxzJx3e5VjiZ6gmhZWrU8lUWoGt1mrKKUXdI0VVoqyWzLGrfeqONWb+HbV5mX7rNTWiX5du5q0lJ9BRlrchRWb+GneTtXbVhetOWLc1KOj5kVzx6leOBo/92nbdrVaWOhotzUnzTdyOaPRFXyW+6tCxNu2r81WPL20Qx7WqdL2BxuVmjaP+GnqnmL81TOreYv92n+TtqXHm3IsurIFt/l+am+X8u3Py1Y2Mv8AtUKu6tYuEVZFRcnuyntb/gNOWPcys38NXNi/dqv5OyRlX7tc9WaRtKq4qyYN81R/Z8/eq7FH+7pZImWuiCUoXRkpP7RnxxsqsrVNGuIdtTbd3zUYVqhOS0kypSVrGf5flt8seauR/Lt3L81SrG27d/DSpGrN81SuW147k69CNo/3m6j7wqeTay/7NNij2r/s1adldkp9yusNLt/vVdj2/eWmyR+ZU80+i0EtXcpLHuapvLZqsRwYX5qem05WlpPctXRXRPLqZV3U5YW3VI0Hl10U4qAvaMLddvNG35ttSK21flo8tmqJpdDNtvcrsu1qkWH5adIML92iPd/wGmo22IdSSBoVC03ydv3TUyoy05VpX1sONyPy9q1GFEjVMy7m+WpFirOcOc15pRVxqrtWm+TubduqWnKv50uVr3ZD5tLkaptpNrVMy+9Ea/N81TytfCHtJEKw7fm/iprQs1XGX5ai2is4y5Nw55SIPJ+WneX8vzVKq/NT2j8ytlqrsV5R3Ksar/DSNb+ZJuaraw7aFhWs5Jxd0NS7leOLbTmT+9ViOOhV/OqjKUQ9oQL8tKdy1ZWH5t1Eir/dpe9L4mTzacxTaFZF+an1Ls+b7tTqi7q1gvZ7A6zluU8fX8qcsfy1b8lVprJ/dWmq13ZCiu5B5LUjNt+WplhZaPKNRJyk7o15iFYPl3bqay7as07yty1ShF6jU2ipt3LTfL2/NVpo6ikj+as6ifQI1JFdhuqNkZWqxt21IsYapjHldzbndrFdE+Whm/hqfy1Wo2j2tWkqkkc6fciaHdS7PLSn/NupWVl/hqovuxLV2Yi0m7bUgVtv3aY0bbqrmlH4WW4XdiOR2qGFW3M38NWmj3U9Y1jXbURlf4hOy2IFX+Kj5nqVttCL81Sld3Zm53IGt/l+ao23Rr8tXWXcKYyrt+7WnM2rApPoVfmaP5aaqtVrb8vyrRt3LQlFdBSbIW/d035mqbyvlpy/Mu3bTjUV7FKTWxXaD+9UH2XbJ/s1dZvlpoXzVrKSjzXe5cpMr7G27f4aase3+KrDQbf9paj2qvyVsp32I06ke0L/ABVG0u5drLVjyWZv9mnSWysv3ttEZuUtR3K8cdEifNuqRY1+7RtZW+b7ta+zVTZkuTjsM8v2pdtTfKq05vu/LXLVi37pN5FBoWVqVYmZqteXt+ZvvU2Rvm+Wo5XHcvm8yu0XlttqpqCssDLH/rKv1Fcweb/FTSSVjK3M7s5q0jaObc1XWh86rS2qrJV5Y1Vfu1pGDTujVNrYo/Y9yr/DVdbdvu1pPHu+b+Go2+X7v3q35b7sHFvdmXdNsjZZKgibd92rdzF9qb958v8AwGo1gWKOub4XY6Oe6sgRvzq18sirVHcsbf3qtRtupua+Exd47DpN0jLTWWpo1/vU9lXdWsYu17mF2Vtu5fmqS1XyV/vUblajcyr8tUo8ysiVJsPvN8tQyM0bf7NWo4/l3N8tQ3Hyr93dXCoSpyNYz1sVWlaT5aLhN6rUkaqzVJNFuX/ZrpjJcvvD5ot2M6SHdUiwfJtb/eqdYaduSs4ypxd4mc05bldY/wCH+GhFZakb93RFLCrbWkVZG+6v96uqT5ldGbSjsN8vb8y1Huq5Cu35aPI/vLWEoKRHM47FNl3r8tIny1cWBVb5WqJYNrfe+ah1XD3UjZSuV5WbbtWoI1ZW21obfeoliXfuz81W6nNGzF7TlKjbmk2t96iRm+7V+OFWk3SVHcbVk+X7tRCGnNEpSUjOW2/ebqbcQzMq7Y/lq838O2hm875f4Vpu81tqPnUdzLbcsa1JNbebGu75dtXPLw1TNaRyRq21d1KMpx8iVJPYyWgVV+Vd1CqzR7furWk8Mca/L/3zVNvlk+X5qVSm6i5mzVVGtgjT5qNu1ttTblt03N96oWkaRt1YRjy/FsY1G5O6ZWaNoX+X5qlnm8u2bdUct00ki1Iy7l2tRFQZTdlcrxLG8Kyfd3LT1lWOHf8Aw07ytzbfurSSWu7b81auEOX3XYhcu4Sr5i7l+7UkH7pTtX5mp0UTKu2mxrJub92yr/00Wppx5Ve5WvRBPC00Hytt+WiLdBEvmMvy/wC1TpN0S0RShv4fmrSEnF3S0E5c24XF5JHGvy7laoVaaSNd3y1ambz41XbUMcy+ZHG3y7qmpL2nxaFQnZWQ1ofOX9422omi8xdyr92rt3axyKrbm3LUC/Ku3dUwlGDsS5yZBHa/N833f7tRzRqsu1dv+7U1yzeSy/d3UlpC33lrplTg1dMyfNLcikh+X5vvVnSQLE21flrUuvlXbG3zVRjh3rurXD04812RHEyg+VHXLarL95ttXo7X91t3fNUK1ehbdH/dauLncXZHXGSqO5DHCsS1IsS+Xup27bJtX5mqSSNmj+at5R0uzqjW5VawLbRy7W21J5C7VWOnRL8tWYQq1jUg5K0SFUs72Kfk9mp6x7GqeRlojXd8y1xxpcr94q6lsQyMrfKy05PkSnNFub/Zpqx+Y1dcoy5fdMOYYsfm1LJ93atDfKvyr81Nht5P9Y1ctODpy5p7luSSuxqxNHtk/vVNGqfxU2R2Z9tSKq7a7k21cyUk3dETx7/92qzfL/DV5o1X+Go5IGZd1KMu6DmV7WKnl7qTa0cm2riR/wB5aY0S+Zu2ru/vURv1CXkRtHuWnJu21Ku1VpjNubbVS8ioocq/NTmh/wC+aTyz5dLGrbfvfLWdpLqNxchjRf8AfNCr5dSbtv3qIv3jVtFrqZ/CR7tzbakkX5akKrG23+Ko2Vqm15WbLspAvShY6F+anL+7ak+WGxHWxGy7pNtOaOpFbf8Aw0bdv41KcUrl2Gx/uf8AaprNuO3+9TljZmqSKP8AefNQ4/ysLtEfkChYVVv71TSR/vKa0f8AdpvQtXew3yf3ny/dqTyF/iqRVXbUXmrub/Zqoz8jJ6jGgWNflWo1j3VaVlqOT7zbWolYcbxGxr83y1JMvlruqPa0X+7Ru3feohd7h6DWk3U6FW3bqkWOpI12rtrCUXzXNFJjlWn8tUH3amCsy/e210LVWRF7bAybaEpyIzfeoZVqXJrcj1Bl3UjfLRt+WqlnHJ5s26Tcu77tNNPYvS17ltakaNW201FpdrM3yrTai1ZgrMXy9tC9KnZSq1AI2ZqyUUupTimO8sr3py7e9P2/w0+ONV+9VuUuhg3YZtx/DRt+apWO7/dpjR/99U1dgmnsJJtVflpVWmbv3jfL8tPZv3dRKCW6uC12I2j2tTl70tK33aq3RFNv7Q3b70rRrt/2qTdt4py9aOdJ2YPXYcvFKrRt8tO3Ky01U2tVKSew7W2HK3zUNHuXdTd3zVI3zItZThdWF6jYm3VN5SstV1X5qmRWanFO1huzGyR/7VNjqSRtrUMu1aHdbjW1mNVcUMrGlX5albbTi2Duiu0e2nbtq/dp/wB6mMrGplJlKVivIzbvlp0Ue/733qcy7W+7Q3yrUX5tJFOOl7kckKrUcK1MtO2/xLWvLHoFhjRU2T5aduLd6dtWi0RW8yHj+Ghm8xalaGmtGrUJPoytOg1ZFXtUcn7z7tSsvzf7NP8AurVLzBScdiuq1J5ftTwu6ms3y0nypWJlNkbQ/wB3FOjj2r8wpY/lantJt+XbQlf4UL3bXI2X5aiWPd92rG3zKb5XkrRqtwi0Qsvl06l2tTWWlzvqHK73GUjfMtPaPbTdu6hStuJpoRU21H/u/LUu3dTGVl+7RLllqx8zHSLuT5qrrEzMP7tWv4dtRK22tKc9LWuKzEZNq01l3LTmkaRqdTuh3a2K7RtTWj+Wpldt1N8vc1D2vcn1Gx/L96iT5vu1MsO1aa0e1vlqfi6lJpEP+zuo8v5akWOjc237tZ+zXVjWrsQtD8tQv8tWFZm+Xbtpsnyt2rdWXwi5WVfI3Nu205qmbzN27+Go3jrPmf2iY3iN2sy/LTBtZvmqeOOoJU2HdTSi/gYXfUr3Me1vlXdUa7fL+7zVhZmkX5lqLy/MVqxqXvZorl0uig0atu+WmwLtba33qsKu1qb5f7zcv8NJU03dF9LE+1l21JIu1cUxJP71WG/eLXQuaasYX5SNQslTNtVt1Rqyx1Xln3f6vis3KUS7SkrrQlmlZpP4dtRMrfepsO5m+apJG2/LSfvK5ilJO5CzLUbvuWnN8rfd+Wptysq7V+WoUZLoarUhjb5ar/xN/dqZpF3Ku3dTpl+Wqh726Kcb9SnHIyzbWbdUzRecytt+aoHk8uT7tTwzfLSlLl2MZxityRY2h2s1TNI23cqqzf71V93nfeprSeT8q1VKo72sQoJdR00nzfdprbtv3aG3NHup3mt91q1nJvYvQavyr8tRNtaX5vmq3GnmR7qVdu3bUv3I6olRSdytIvy7lqFfm+8tXtse3bVWRNq/epOSUdAVn0IvvUqp8tJGnl/N96pfM2/LWUOeDu2Q9Omg1oqY0nzbae0qxLuqKdty7l+7/eradtzSEla6I2/1lOVVb/eqOFJG+Zvu0qr5bfeqIxUtmaKTWwy4j3fL/FUMkLNH/dqw0iq27+H+9Ssvy7v4aU00uW2hXKntoZy2vzL81SXM/kR/KrN/s1a2r95ahaPdL5n3vm+as4RS6GVSaj7qY6xb/R1abbGzfdXd81SLCq7t1EnzLt205UfbWjiuiJi2DfL/AKtty1Gvzfe+apoodsdNjX+98lZe0afKHM1qRyR+ctQRRtH91fm/u1fkXy4/3dV5H8ld23dWtqkdFsYqpCTsxsl0qRN5i7Wpsc0Mq+Ysa7v92pJPngKsqsrf7NQwqsEW1VqZwlNXOq+l0C+Yytt/4DUaxSKqtIqq393duqw21fmqNZN6fN96iCSdhuUmrIjaJpNrMq06F4/LqRvmjZWquq7l2qvyrVSfM7JGbU7XY2WGPa0iruk2/wB6obaBVbbu3bv4al+aGeqd5awzXLSbd26uymrKylY5rQe61OwWbd81TReZI3zbdtQxyLuq5HH825W+X+7XnRqQTtud8UTW0at/vVda28yNf4qpQ7o2+b+KrEcjRqNvzU5Pm3ZUpaWiyBdy/wB6rMXmNSurSNuVqFk8ttq/99VEHFOyJUrjirf3qkXMYqO5XO1ulWIdrRfeq1zMpJLYay/LUcaMrVY27lpu2mrvcXNId5Pm/wCy1C/Ku3dTd21qXburWMXIzbbIpIlZmapI41jX+9RGu3+KmsuGrf2cftC5n9kdJJ8tNWRm+XbTZF+Xn71EatWL02FzNkki7Vquo3VJJ96m/dpQ8yPaW3RHIjN8q0LDuXdU0LNu+78tOaP+7WvKn1saRm+hHRuZWX+7TVZVfa33qk2miNnuJuSDy91Ea+W1NbctOXdt3NTtrdF25iOZfNb5vlqxHuZf9mm/eWpI5Nq7aylHW7JbivdIWXbR96ppF3VCkLeZ/s1TjGUdRxJFj/d1FErSMy7vlqeZtq7abBF825l21lLkjHUObWyHfZ9yUK22nbmWmsvzVVOouhet7iszbf7zUD/x6l+7Rs+XdV3KUrjWXdu/u03yWZflqxtXb96j5lqnyozersiv80a/NUaru+arDN5i1HGrM1YVG+hai0Ojbzl2/wAK06T5furTlXy/4adt3VUWrWYO694jVmZactO2/wB2o5E3NRzcvxbFKTe5Oq/LTtu6movyrUi9KKPLzaESS7jV7U5V3NT/AOGkhVmat6qTVkY82th6w7ab5K7iP4qe3ak8t6xgrbg7sRV2t81PWRZPu0vlU+OLatRUm+hSTW4ymq3zVY2rtpqpu/3amKla7Hdgu1lpGWlVNtG01pF2V0FgVf7tDJTvu03zPm/vUo1F3HyroO+Wmy7W207b8tCpTu5OzHrEgaNql2/u/u1N5a7dv8VNZNtKNouwmk9yt5eKco3U/wArdTljqpqMhrRWSBY9i05V/ipy/KtN21K0JsDN/dWnbflpsa/3ql3LVO7FFdxI1qRflWmxt81SMu6o96LuWkiPyVkb5qcV+X3pdtRs3+1W1wauMZS1N3bqmZlWo5FVfurQ2luUm1uhrN/wGnKv96mqyr96nctUKKbuCswZlqN49w+7Tl+WpN3+zurNfEVZ9yqqt/CtTYahvloV2rRQUtwlf7JHJHihVpzbmb5qd/srVJRXxCeg2miNWpy7VXb96mqrLNUXIQ50qNt3l/LUzs1Rs3y0csexpp0GLJtpqsrU7b/epGj3fdo5HJXCUeYdHHtpJKcu5fvUrLuWtdIx1BxsRbv7rU9ZNwpnl/NS7dtZx95XJ5SORWZqcyfLvqXG6k37flqOQHIrsv5UKvy9ambbuqPzDTim9wuhV2qv3aiZakkZqYy/L7VSSWxLTexCyfxUJQzbWpd22toyXQWvUdt20knyrQkm6hl3rXNJq/MF1exGrbmqRdu2o2hbb96mxKzL81ac0bXNLRlsSr8tVmutknzVJIzLG21dzVVghkk3NNWMFrcGosmabzPu03c0a7qkSNY2+WnSfvK6E09yLJO0QWZdv3aj+Vqk8v8AzioZF2VC0d0Xr1Y773YVXkjZW/vLU6/d/u1FI3yitOXS5m7ojZmWo227akX56ayVCaewJ3IJm2x/KrbqijmV/u1LJGy/7tRww/N/dqJykjdR5VdMqyRyLJ93atNRmVqvTRbY/m+aqbRMrfLVqzMdSxGqs1SbjVX7q7qmWTzF3VPvc2gDP4vvUxk2yfLU0yLt3fdaq8e5W3LWktd0Y2le9ywy/Kvy/NS/eWkW4+X/AGqj+1bVb5awm1HY05b7jZ49v3aFby49tNaXd81RtukatoyVrsWkXYPK/u0xZWWddysy/wB6rbbY1oi2yfeqlJvYbkk7MrvbLLJuWj7Nt/2asSL5bVG0u5aw0TvIznNdGHlq33aayqq/3qPl8umMzf3a6lJLZEaPcPMpu3c27bUsMfy05kWNfvVzyTbvIhNx+ErxyrHS+Z+8pGVfvbaa+1h8v3quW15GnPzKw2Rtsi7f4qdMu2mLGWWpWjXy/masXKX2dhpq1mRK26kfa3ytTlj2rTWWulRursWlrIjkh3f7tOVmhH7uhdy02RtzVnNQW6MppJWTIWmZV+akXazbqkn/AN2qsDeZJ/s1ClBbMunzR3LG3zKdGy+Xt3fKtN/1fy01Wj8zazfN/dqpVHa1zeXkwkZZPu03/Ufw7qbKvy/u2ZWoWTdtVvvVypym7Ij2f2pDt3nSbqkkmVV201YmX5qjj+ZtzLXRacVe5PtVsTNH8q/NUckbOu1am+WRfmqOSPbuWOba392uaU5ddCOZ3uSRxr5K+ZtZqbNCrNu2ruol3ND/AHdtRxv5i1Epz2uaKK+IdcSL9lZY/wDWfw1XWFmj+ZqNrbmpqtIzbdtb0vc+JsXtvs2G3FvIyqqttqFYJo1+aTdVzf8AK277y/LUMjeYvy/eocud2Q9JKyIY5JEmqwzyNJ8q/LUbL8v+1RFJNu+6u2tY1Yp2vczUWnZMjuIF/wBdJNt/urUEnzSbVq7J+8X5qoSyMsm1V/4FWs5/aauZ8rvodcsHl1NFGrfNTYk3NVqOLdXCqkIbLQ9CMurRYjbzgqrUqw+V/tVBFtSSrPm7lpt31exm7t3QRL+8WnNG0cvlsvzU1d3y1N527b8vzVEUpS0kTGylqL83l0+JV21HJc7tu6PdTkuN33VxWzTj5o1JJG8tfl+WmR/M395qWb5lp1vtVt1aXfyD2mlkxzR7fvUbtq0MVZqbG26tkm+pnzeQ1Y/l+ao/lWpJPmWo12+ZWc38xLyHRqslOZlh/ho/1bU2Tdt60Rn3L90c23d8tR9/aiFV/iqRY13M1apRfUh8vUb5bMu6oYn8xqtfMsf+zSQxqv3aIpPzIjJ82gzy1Y/7VRt1qaSPb8y1G3zVk4yg7pG8m+hI0f501lZl27aI/lj+9Ukfz0nJ9CFb0I9u1aFDLU0ny/L/ABVHDu3NRGcL2YpLsSMKbu2tTWk+bbRGrM1byateJKSluwkbd92mrvWpPLZfvUeZ5a/drnUlLcqUuXYb5396hj5lOkVdtEa1py6WtYUZcw0/dojl8ynSL/DQkKovy1CjYtycdhzL/dqNpjt205t1JtatXBNXZKqa2EVqm+792m7dq/dojXa1S6kIlpt7ky/MtNZv4ad93/epGTdUK0ndFXewir83+zS7VamOrRtTlb7tJvyG7rYkRcVL92mxrt+an8NWlOnGTuYp3dmRfdbdUqSfvOlNj3bqVdzfw1rKL6FSt0JWZd1O3Zqt8q1KjbaxVm7SRCuiddqrR5oX5aqsu6bc33anij3NTcII0baF+9TvvLtp2w06P7tF0Ij+ZKhbdVpqNppXRrpy6FNpG20QSMzfdqwyq38NN27azSindERZMtI33eKYrVJHuZqTg27lXDaaNuRU0i/LUO7+GhaSDToyGSXaakVty0NHREVVqqeu4kRs/wC8qdvmWnsq/wB2meYalRTd0wE8vbQ1K3Sk2tVTaRLbY6OOpU6Un3T6U5elF+VXBNsV221XWNV+796pZNvy0eWdtCn3RRH5fy7qFG6pFo3fN+NbXRlzSGtHupqx7qnpGX+7UPQtNshZdtN2mpl+5RtPpUpJasu6tYhkkoVvahl2tQrVfoUpWGyKy7drU7y9v8VDdajWRqh3jsDd9wVfmqTbTW+ams7LVpc26Ieg6T5VqH/Wfdpzuzfw05Uq1FLcV+wxkbbSou2pGfbUcjK0e2guMmEkTfe3Un3aRZW2/NT9y7axUm+hDk2Ise5t1DN81MaT5qZ95q0i7blJyZN92q8n3qsbvlqKRS1NzTKuyLdtpytUbNupdrKtYyv0FZdSRW8xqYzfNTVfbTW70KCKkLtVm+7Ssq7abu96K1s+5ktBqrt+7Uu35aZR91aGmy3pshjK26jftb/apVpm5fM+aot3JSbHM21aj3VI/wAwqNVbbVadCvhdiTa2ymrFTm3MlNRmpJNO9wVkNVf3nzUSKrUM3zfNTZGVlqkmgnchf5ajX/eqRlOPeq7vihWlo2SCybfvU6Rvu/xVTkZmNWIvu1HLbYTi3sJIrSU1l27amZmRfamNHu+ahN3tIVnEgMjM3zfdprL/AHasMq7ahb5WraVOMt2FyJmVaRdrN8tEy7W3ULuak0oq99ROd3aw7ar/AHmqNtsdH3qbKu6PbSUm9xWCLbUNxJtbcq1JDGqpUMzbV+Vd1YVabexSu9irC8nmNu+7Vpm2r/dqFQw+b+KmM7bty1EYp/Ei/h3ZZWTzPvNUsbfNTIJVZdu2rCfN96uiLV+VHNUXNshu1mWoZOlWJflX5agWPb838NKT5XY53ZK7Yiq1DfepzMq1Gzbo/mrTmnsaXSVx0a/LRtZf4dy1CrbalWas5PlLXLUV0RTbo/8Adpu3dUzN8tNkZVVflq4vm0uZRjZ2EVtvy0u3cu2oZPvblojkO6h00guouzLS/u0+7VWRtzbqJ7hlqJW3LVUouW+hesdhxl8tKjX51p33vvLUi/LWcmr2ZstdxGX91tb5qpNBJGvytVxmpqt/erKNFdQ9om7MprN5aeZJ+7qRdrZk+81SMyqvHzVX87y/4VWtVGMehM5OKukRyyMsy7fu/wAVTKy5/wBqnHb5e5qayq0e5fvVnNaXiHO3HQm3ll+9UPmM3y035du6mxtupwUluzP2Stcm3bVo8vzF3VDu3VYhZY13NVTaSvYa5fhZGy+YuW+ZakVlWNtq/N/dpqt5rfL8tTNG38K1zwhGb5hOLvZFORZG+bdt+b7tRtIzL97av96rDW/ytUKxLEm3+GnNTl7rWhSkluNVlZtv3qcq7G+Vad95flqSNo2Xa3ytVx/dqyNOWNrlaCRvM3NT2b+JfvULBt/3aZJ8v3q05YpXa1MHFzloLI3mQtu+9WdMrfw1fWZYflZahnX/AJ5/6ulCrCm71FdF8sr2OriZmar0Xyr93/gW6obaHa21auRr/Cy1lTqxqR0RWkdiNc76trb7o/vbaiWL94u2rYVlX+9/s1N5SfLJlKSY1V8v71Kq7v4aiV/uqzfNViFtqirhGCdri5V8VyGY7WqSGH+KmvD5jbt3zVNb7mjXd96nU8tRSkwaJm/iojRf4mqZtrVHt3fL/DTpz1tYhpR1RG27dtWnLup23bUc0u75fu1fO07F/FEJP3dV2jZ/mVtrVZK/u1X71LGvy1rdGSutmR/eFDRtJ91qdu3NQscnzbW27v4qn3OxVvMI12tTvm/hpzWjQr8zbv8Aa201fm+Wpcqb2MZRZHu8yOmwq1SRxsrMrVHIrLJWcJ2l7qOnVR0JGZm/3aa3zfLTk3UMm1q66knFXsZpt7oj2stSQyfL8vDUse1qVYF27V+WoioA2xrKzNu6VG07RtUm1o/pULfNWcqajsPmvuTOvnfw7adH+7XatQxtub5qkV9rU7MpSSJFbd8rUSKqrTVX/aoaPb81J2WsS02xyruWjd/31TopPlpsi/8AfVOzkT70XcjbduqSNM01Y/71TK3+zVci6ku73GslOVWjX+9R81O5pJPYUkhu1moVdlFPqOWLdpI3jcbtNIu5afRJtroUIR2YaDDFu+81KsdKrbaX/dqJdi1Zkq/K3FLuZfmX7tEKq33qerLSSS2MZKI2Nt1S+Yu3bSf7tNZdtX8yZS7Icyq1N20se3buX71KvzNUSt0HGLGK3zbal/iqJYW82rSp8tZupFbmtmOZvl6UL1p2PlxRtzRKS6BYF/eUM2FqNpNrbVp23y1XdTVnoFxu7ctN8tlX+9Uysrfw05V+Wk7L4S001axXaNlWpo1bbUnlKy/NTlj2r8tRFSvdoQgbdTWjzTtwpW+Va0d0TJEMke75akjjWNaFXc1Oas1JydpCV0Mkbmm+Xup7BdtCtu71r7o7sb5X+cVJtprNt6U1W8xqmyluFxW27fSnR9KQfepy/LTcUyoka221926pF6U7dRlanmBq2wq/K1Iy/lSUu41elrIFFsNvy+tMbpSsu7vTtpqE7FcvcNtM2Cnr3o3UpbXM3oR7TTfL9v0obcrU5WqVJpWZavLcjaOnKvy0Sc037tNya2LurWI9rNTWVmp+7bR5i1rGXYxsL5O1aj2s1OZqbW911Bq5E3WnIjNSsm6nK2ysJDiN8rbSeXUu3d96nKvy+9XHazKkiqsTU5l2tVj7pqNmqHbsIbt3LTFX+9TvMqGRW3fLQopbDihnlqrfKtPkjbbTo1+X5mp27+Go9S20iq27d7UlSfxfjUUrbapRT2Jvzbjl+X+GmNL833dtSKystRsitVR90Ukx69qRvu0irijf/C1Srp2ITaGq+2o/vNupzpuqRY9q0Tinsy7sSlZdy1GybaGX/arJJxK5Q3fwrStSbWVaNrNT+Y2rK4NtprIqrUi/Mu3+Kq7bm+WtlKMFdszcuYjkRmWq+1t1Wlj/AL1Rt8tSlH7IXXUbswtQ79p2rVhl8yPbUMcSx/71XGLW4pSGyNuWoJJGX+KrEkXzVDNHVWXU51dO5Bv+WnK23bu+ZqikX8qngkX5ahq5rcfI25d22q/mLVyTaq1Ta2VvurXM4yXxMtJMb5q7qGVmpqw7WqSRvurW0G0rCtrchbdt+Wq6sy/LJUzL823dTZI220c+tgbuR1Gvys1Ojj6rT1j/ADpWUXe4aSVkM8tv4fu1OJNq0+H+JdtR+R5cjfNuVqw+GXMZ8zjoOaVmWjdujpq/u4/mppm3L93bWyqOOyFKKauDK22m/wAPzVIvzLRtVavm5jn20uMjX+9SeWv8LVHJuZtq/dpFRYZNy03y9R27D/O/haod29ty/NVrYrfNUP8AFu+7WUUvsmybSsxZGXy/9qo1/wDHqGl2N/s0522/MtV7/UxlJN+6iOV2X5dtNXay1PCvysx+ZqrS7lbdW8Zc3uxZrry6kv3RTG27ajjbzKjXzF3Kzbv7tXUpqKv1MU5t2HL89O3fLVXc0bVNu/d1Ek4K9xuXdDNxaklbcjL/AA01v9r5aj+Z2qIw5jXmXcWCTc21m+WrO5fuVSZfm/u1bVf3K/3qlprRE8zvamRuv7xV+7Uiqqtt3fN/DTlX5cNUIj3zq391qy9oluhS9pe7ZM0DeSzL96hZP3PzLRNMy/LTfvLWdSUanwsqzirjZI2kg/dybW/vbadFNIse1m3f7VR/dXatSLG22rUUlZhGUpAv3vmZv++qJvm+XbtqGVvL+Vm2t/DTd7fxfNVbK0WRNS+0OgVtv+1RNHtZW3U7zNsdR+Yse3c22mveXvG0ZKOwM7R01l8+Ld92pHVZVWSofO27l/iqlBbxHbW7kIyLIqq33qy57qaz+Vtu1v4dtaElwquq/wAVV2k2/N/FXPJOponZmMqsr+6d5Y7ovvVddvl3bflqDyd0m5atxKzL81ae63bYt+67MWP51Vt1WYd23cy1XW2WFt3zbf8AeqZZPlFT7OPNcTuwWTzv4abuZW+7tqxD/FQyq7fNXVGmrXGpcrsyGFVkapl+Vtv8NCxRwL8q1JEu75mqPZx67jcm3ZA0e6mqnzfeqT/WNQq7a0SlT+Erlj1G/eamyQqy09lpi/K26s5QVuaTITUnZDWVdu37tOpssCs3mL8rf3qase5ttKLja1i1FoPlVqbJM0fzKu6pGt/m8zcy1G22R6lU0nfoYygr3SJJH82hWVPvUbdq0Ku5qy5ISkbLRWYNIslQs25tv8NWNu1v9mmKq7q6rQiNrrET/VruprMrVIy71201YNy/N8tVJ8ysjn9+95Ecce1fl3bqN23cv3WqZf3bbacyq9Y8nZ2HzLqVWmYdOKcq/wDAakkVadGta0272kZyuVcMvzVJCvmVM23dTo1Wtm29i437Ee3ZUi/MnzU/YrUv+rojbqNylFWQyNVX+GnMivSbt33aF+Vanld79CYyk9w/5aUu35qFp1Rzdy2n1GPJtWhP71PpGk8v7q7q00aui43FT5qc22msu2mbWb73y1DlzKyJ969x7d6Ty/l/vUq9qnVW21PKa+91INn8VSfL5dOZd1Hkqq/erOpzRVx2RHGvzVZwP7tN8v8AzipVkX7tVSl/MzGbTVhI/l/hpJPlWpkjp25Vb7q7q0kuxKptK6IFWl+781SMvzUeV81S5RtY0XMtwXazbqfuambfm+7Umz5fu1h7NS2NVfqG7aooC7s/w0xl305Y8UpR5ixGh2t8tTRof4qN26nLDt71pyqKuTcj8vNO8vbUm35acrfLUaXuyhlJ89OZfmp21dtbXJsMop6LTWX5veh6lAu2hvmo203+H8KUpKJDuwb5u9NjXbU3lq0dRrHtqVZ7DsMZfmp6qq0N2pacpBYRW+b2paRRt6U7dRHa4WDbTWXdUifNSsu5flWnGSNYyItooUbasrHt+996jy1ZqHU5nZi5mQL1FOb5acyrTZKIyj0Bq4N81MoGaVvmrJ73Y+UYetJuG2nNn1pu0rV3Q7Ddu78aaY/ypfmqNt1J6iXvbh5dKsP5VIi7qJG2/LRpEXKxvl7VprKu2lX5qRf3jVdy3ZqwbVVflpvys1PZKYy076XISsNaT5ttDO1OjWnfKtC5bXJdmRsrVDuG6rEjfLUa0KSbsVysNnyUwdafJ0qL7q1pp0JHtHSLH/tUzzdy05fmrNpPcCGRdrU3cWWppP3nSo2jO2o5exfMxq7fSiRaaq0N81PToZ6i03btWlb5aF+7UPm6misxqtupGba1Cr81Em7dWkUr3Y/d6DW3O3+zTZFb5dtSLGzf7tObbtpTduhmN3bad95flpMLTJJFh+bdtrF2eyE9Bysyruqu06s237tU9S8Qw6fH/q5Lpv8Annb/ADVWs7i4uGWS4t2t2b5vLrq+ruceZoS5F1NVmqNm3LTlbatNZd3ao5eU1jTDd8tQurKu6ptxZdu2oWX/AGqV57EOKQzzWWmtKslJIzbqk8tWWtY+6RdlSdePlWq6PWkyqq1RmiVvu0oqV7sV0OSRpW2rU23atR26+XVry1koldS11GrLYr7drUTRqq7v4qlddzfLUUit92lKS6E7O7ZAyq3+9VaRX8z/AGatMuxf71RtHzWTlFqw2myOOPa277tElOVWqCZ2Vq502nc0hbqyXzNq02OTd96qrMzLTlk2/wAO6tZVHHcTSbsi4zrGtM3K33qrXHzKqrTo1+X5qUZSlvEznBR94czK0m7dUkbeYtQrHub/AGasqqxx1pPSOhy8sp7IqzN5H3aiWRpFpz/e+ahl3K235f8AaqYO+7HGLj6jo23fLuprTfvNu35arLJ5f8X/AAKj7VJ5n3VZf71bxShsaqJNJGsi01YWWOlhu1f+GkklZvu/dpSvL4i7dwVmVflqNmb7tOZW21X2tHJ/7NXOnNS0YKOl2TKvzfNU6ttX7tQQq3mfvPu1M0nzbV+arnJpXepjzcrsiGRVZvmXLVDP5nkt5a7mq00bbahZWjahTcldm9o2uV4m3RL5i/NUfmN5v92rix7WqNlj8xv7y1mpX+FgotFeZtvytQsjKyxr/vfdqSeIXK+W1OZfmpybKSSd7DWkbb8tVftLRTfNVpmWolgVmbctFnJaotx7D3kaRdy/NUar5nyszR05VkjbavzLUixrJ95awacVYTulexHH+7f5fmWpJZ2Vd1DR7dzLRH+9T7v/AAGtI7XlK5kqet1oQr/py7W+7Um1YvlZv3lNjiaP/ZWmztIv3V3NTc3L4EKSJPu/LVWeVt3lr81OWfbGyt8sn8K1BA3kt83zVpz8u61E4uSsiWO6+7C38NV53WCZWWTbu+8tEyrJN5i1S2yTNXRGXKrsw9nK1palpfmk3L8zU24+0XHyqsf/AKDRAvlrTVud1Zyj9qxlzL4U7HpFs7M1WtzLUKqrN8rVPErdvmrSfvdDslaWw7zGkXbU0UNQtH8y1aihaoSuXCnckVadGqr/ABU5ajZvm27flqrpbk1L2tHUsNJ+6+VV+b/ZqLd8tC/dpjNtb5aev2TNXtqOX725qd/FTVbc1DrUSi/tCV2Lu3UrDctIi7aHXctKUV9pFpWdrETfd+VqbGrBdzVNHHtX5aa67dtOHK9CpSfQasnmL/ErLUe3c3+1VhRtoXbt3VSS6Cltdkcf3vmqX5v4aYv71v8AZqRm2sq1FknZGb+8j2t/FTWX5akkb5ah/wB5qHZuxpFq14kiI396m7WWRt1Oik3fw0N1rePumbj5jY5FZvmqZtu2odu6hm21MkuhakO8vd92hV2tTlZaGWs9JOxcbS2RG6/vKdt20LH/AHmpypuq+Xl2dy/UF+X+Kl+9TFDbvmqWs4uV7ClTQ3Yq/dpdtOx7Um73rfndrGNnHcVc8UfdpY/vUeZukqbrsXfS4xW/vUu3+Kpdn+zTW+WhSi9yoiLualjVpP4aerbv4alVv7opKpFe6hzbjsRLE26p/L2rupm2RW/2aXzPl2t92lqQrvcjb941O8n5aeq7ak27qiTX2mUubqRRrT1XNOZtn8NTRyKy/NUQmm7IXmyGP5etO/ipzfM3y1NtWttOpVm9hsfztQy/NRu+ajd83Woko9i4p/aHbdtOZtq01m9acq1KklsgaTG7T96mx58ynN96j5VrNyb6D5WSKq7qkZdy1CvzVNH/AHa1gpMT5VuRFelSqtIy7aPuj1pfCMRl+apFX5aQ/dpN1C5gBVoWPdS7flo+7Sc09w1GMvzUNtp23dTWjxTsuxAvy7aVFoZVWm7mWnzdix3l7qb5LKtOWX5qVn3U27kpXEWLNPWL5aWH5V5p3mbe1PpYdkIqqKFZajb5qgk3K1Y+9eyNbFnf81DN8tQRNipVZmrR6qwhN1H3hTvL3LTVSoV0rFcqGqtDfLR5m1vu0SfNULm6DGUUUvl/LW1tLsPQj3Um3c1P27TRtFJSTD1Idzbm/u0jDdQ27+FaXb8vSqtHoyeYjVdtOWSlZd1LsX1/Ss3yx3E3cN3ymo2fb3prt5jbV+9XI+Mfip4a8CxSNq+pQwzK3+p8xd3+9trSN6nuxQOcYq7Oq85pF/dqzViar4s0zQyy3+oQ2LL8u2SRdzV8pfED9ru48TXU2m+GIZLa0X9215u2s3+7/drwTWo7q8866uL2a6uJPmkaSb5mrup4Zx1mzknUurRPvLTfj94Wvtfm0lb5priNtqtGrMrbf+A16ZJqEOyPbJuWT7rba/KvStXXT76O4hu/JuIW3K0cnzV9Z+Gv2orWTwPG2pXky3/lsq/u9ytW1SjTatAinWa0bPpex1aLUWka1kW4WPbuaP5qkkvI/MWNpFWRvurXwp4B+OEmg+PP7Ru7pmt5laNvskar977u5a9P1T9qvRLeSPdZyNdQ7WWTzNtctTDVI/AbRrRtZn04reY21fmqRWaP/dr4f8dftj6nqMn2bT7GbTo927zreZZN3/jtXPAfx61mTULXUL7XZrhWXdJZ3DblZdv8K0lhJRV3II1b7n2m0nzUPM235a5nwrrC6xpkd7DJDcQt92S3k3LtrVfVI4ZljZtrNWPLyux0KV1dFxJW8ypdxYVQkuVhXc1TRz/KrMu3dSuhN33JZPnpartdL5m2plbdWMpSk7RFyseqr602mq/zU5m3fw0RjLqh6BTPv09V3U+SPb9K66EXVlypGFWfsldlGeRof3a/NJUMenyXH/HwzVrW9irK0m7czU/yNtfV0cvpqN2fM18bOctNjGtdHtLaRmhjZW/6ZtWg0Ib7y7qe0axt92m7vevWjhqUo8qR50sRUi7plKSFlqHc1aEq71qpMvkrXy2Owfs/eZ9JgcX7X3WyLotRr89SMu5aj27WryIRT2PYlLsDq1J5u1aazs7bV+ZqX7HJt3NXq0cD7R3loeTWxKp7ETWtxeybYWVV+81Nazm8zazbdv8AFWjbyNFTptszbq9mOApWskeRUx0upmNaSfe/h/vVJEsm75qusvy7ah8uuXE4WnGOhvhcY+flZGrLUUke5t27/gNSNt3bahnkWONq+Uqc0XZI+j0kuZDFaMttX71LJGaht9vmbttOkbc3y1xvV2TKsxyybao3Xzf7tNmaTzG+b5aPL8xdrc1Vm1Yq3K7lRfvbl+ZafHulb5aST93+7/hp9uyq1YypTl1KcuwjNtf/AGqRvmZfmp1yq7qY275dq7q7VzJWMeVS+In8lvJ+9UKsyr97dUis1OZV21b5WrSMJSleyRH99KjZfLX5qZLJIv8Aq/lqP7QzfM1c0XGm7lKL32JGXctRrA0bUedup0bb2+Vt1dEWpq4oxad2xp+Vl5qRWXb81P8AL3feqCePb92nzTm7WHKxPuV1+b7tJGir/tUkEW2Pduanr8vzVXsyFFv4Q3bl2/dpzOqR7V2tUcvyr96odqt/D81J3Rb/AJWiTzNzU2Rv4qg3eX/vVLAyxxsz0lCVrwM4xfMRtcVXaTzG3bflqx+7lX92u1f96qsnmfMu3av96sY81Od2jovbYmWTbTWuPl/2qjnZooFb7y1HFeK3+zW9W81dmEOe90ye1Vd3zU+dV3blqOP98yyK1TMvktuaRVVq5/Z3Vk7G7bW5HFI392pGqOWRl27V3LQvzR7q25YtWYrySuyT5tvy/eqJdyt935qesnlx1G25l+X7tY+xpw95mCrOLsOSfcu6mbdzbqg3t5lE06wstaqa+zoac0no0SSLHs3blaoFaP5qddtuVVqDy8ttolT5ldyCNuiE/wBYvy1GkvmR7lq7JtRVjjXbtqtK3nL8tXGLasi58qVmCtuWqrq0cm5Y93+zViNGj+9TZ5f4a2p0XLdnNPleyPRoFMLba0bdo449zNVCOTzF3LU6bmo510CztcuNMrNUytsbburP83y2VdtTQzbm21laN7lxlK1i9uXduqNm2tuWoWbav92nQSbqzabd0io72bJ0+7St92lXtSyNtWleZrJ6WI4fvN/do8ve1NWTctSLuZflreN/tHNzuIm7a22mSVKq7fvVBNG0n3WrKrrsa05uXxBHuVvvUSMu75fvUQReWv3tzU/atYxjJK7KkkMy1SRrtp9J/DWsJX2I5ZMjXctOVl3f3qI2+anLHtaq1iSqaWwS/vF+WoXj/u1P92olWhe/sQoyWzHKm1aGZU+9UbSbW2q3zU6NWkj/AHn3q01iXyPqTMq7ajaP5t1DNt/2qXcyrSvEqPkM2/xU771NV933qk8tW5p+7axd1HYRaTaytt3bqey05Y91Q/d2K511I1p1FO20RnbfUjkV7h8zU1fmapF/1dCqu2p+J3Lspbi7TTtv3WpixsvzNUu7avy1bmkrCcIrcF+b3pm5Vam/MzU/yhRGaGrIlZf71Rs237tSKvy0uyoly3uGsnaw3duWmR8t92pNjbqcsarXQp6WsKSfQFpd+3+Gljba2371Ofb5dcc4qew1zMj+Z2/2amj2/dqGGrO1a1hTUVZMG7bifLu2rS7aVY1WncrS5e7K9AXa3+9Qq01h83NCt+827apRi1YXMyRY6dt20Ku6hqXKo7AN2imbfmp9G0VjJO90bRkOVttSJupqrTl+WtI+6rswmtbodIv8W2kVdy/NTo/mWhelO/NsXYTb81MZttT7d1MZKhKxViP+KlVm3U/Zup3l1Vxbgq7f4aifrUrKy1H/ABVKdh8qGxr/AHqfJ83y0jLSbNtXr0El/MCpS7dtOVaG6VUr9QQ1W3rUm07aaibWqSRtq0orm3G2RstHl76Nu35qdG1TJq9omsdroGj203+KpGb1qNmoXMzPmYMu2j+GnK3y01fmqlZGkYsbt+akZt3y7aey7aY1HMuxUmRr1qRVpFVqdu21EmhRiiJutJUu2o2o5NLXBuwlJJ92k2iopJNyttpR3NObuOWZVqjqWr2umWM11dXUdrDGu7dI1ZXiXxRp/hGxub3U5vLht42kZa+Gv2hP2j9Q+KE8elaNNJa6JH80n8PmV1Qw6qO8tjkqVF9l6na/G79tq4juNQ0bwbZrHGreT/aX8TbfvbV/3q+Tte8Zal4s1NrzWJGmmk+95nzbmqG8ZYt27c3+1WdtWVv7tem5R5eWGh58k73Zq2N1Jubydqxt/Dtq5eeIbhV8vzGZVXay7qzbePyF3VHqU+62bavzVyVKkoqxXLG1xkd4vnbl4p6+IZIbhYV2tD8vy1zk11IrfLUTXW2Tcv3qUJySElc7K71MSKzfeZfu0XXjCZrZY4/9dt2+ZJ81c1b3Pm025k8uiVWZSjFbmhHqbSSfN96tGx1zybuEtNIs0e3a0a/drlYp9zU5p2VlpQqd1cptLY+kfh78btV8KtG1hceZMsnywySfK1e+Wf7TmiXmlx3moxyW955f7xdy/K1fn7barJA0e2RV2turqND1yOeRVuJPMb+GtpRpyV2jNVne2x9rXn7UGiSWbfY4Wkmkj+VZFZVWvPdR/aR1WTxGzWt0umw7dqr5m7dXjWleI7Wb5bjdHtX+7uqLxVpS6lpcmqWX7zyY23Rx/wAVRTVOO+g6jlKO59M+HP2kI47hbXW5JLe4uFVVuvlZd26vpvS7yO+s7e4hkWaGaNWVo6/Ji88Wtc2qxzbmkVfl+Xc1e8fAz9oLU/h5L9nurj+1dI+Vmjk+Zof91ac6Cm703cUKko/Effn8NCttWuN8K/FDTPFujrqFnb3DR/xeXH8tbcWtNebo4bab/ZarjhazduXQ1liacVe5cuLry2VU+aSpoI7qST94ysv/AEzqPTLGRd0kn+sateNVjr6fB4CFKPN1PmsTjp1Hyx2IYVZVakkl21bkYNVWZd1evynjSTK6/NStHu6ULHtarHyqv3anlcRrT4isy7arTweYtW5I6Yw21y1qUa3uM66dWNN3iYv2hRJtp0cv2j5VrQuLWOdV/hqusflNtVdq1wU8qhCXMjvqZhOULIdFB5H+0396nS/NTv4fwprNt+b+GvUhh4xVjy/azbvch+7UfQ1K0nmfw81F0NawglsZyk+pJG1TNIq/w1XjkXa396mu+2uavh/aqzOmjV9nqV7mT958vy1Wl+781TSbVZmqOORZ13V8NjMPKm7I+swmI5o6kabVWhV3NUrKrUxW+bbXmqMkendS3Kske6T7tRyN5f8AtVYdlWT/AGqjnb+7S5JydtgXL1K6r5/zULD825amhXbUyjcvy1fLy/EzGfkyiyq33qfHDilaFYv4mapFj21PtFeyMnUUdmNk27aj8zctTSRlqrs23otEYyk72J9pzbEE25arsrfe/hq/uDLtam7Vk+XbWU4tO5pFoqRsrVajm2/w03yFj/hpzL/s11U3G12imkh+5ZG3VBL8rVLGm1aHRd1VKTS90zbXUia8+6v8NNWdZf8AdqO4XcGX+GmwQtt+VahTvuJxS94kuF2ru3VHb/NVhl3LtZd1NjVV/h+any63NeaNrkfl+Y33akb7u1qd5jVXZmk/hpezbluHPEbJIsbbVWqstxt/2qdKki/eqq0LRr81aStH3TOybvEdLdeYm2ooP9Yq7d1NeORF3batWsfy7mpdLCimndlmNWp0zeZ8tRyM0dMWTa1c8Y33NE03YXayt/s1N5fy/LUMpaTb822iRtq7f/HqttXsgs+g55F20W025c1D8sY/iahZlik8tv8AerCrKpt0KfKlckkij8zc275adPb+bHldu2orqb5VVabBIzR1cI8ytJFxkrWKsbSI23+Gp2bdEy/dan/Y2m3Mrf8AAae0CxRfe3M1bKMYbLQylKUXcpybo1+akX5l3LT55PP+XbT1jjjj+9Wc5WdouxOlTchZqhnkXyfl/wBZVjy2k3eXVNV2ozSfKy1vFSj5nJUvH4ND0+xT5f8AZq8sKrVSJ/4V/hqfc0irtbFcMd7rQ7V7isWI4tzM1CxrDu27qdE+2OmskiruWuqBlyu93oHyyL83y0RybF+Vflpvl+Yv+1U0MP7tfMZmaqhBt7k6XJo2yKX71LsWNflpqrukq6ilayNW0xrLs2/Lup6/dp8n3vv1Hu3NWcZW31JcEJuNG4LRs2t/tUix+Z/DUS1Ki+w/d8u2kbbuo27flpPu0426F8y6ib/mo+Zm+9TWWpI/++a0S7kPyE+VaTay/MvzUPHub71Kv3aJxcwUZdQ+9TFT5qe37tfmpEk3VacUrE8jTuhqJul/2qfuNK27b8v3qNu0bql6m0dd2I1L95aVfmo8vatZ6rYynZdBjf7NKvy/M1Cq1O27qbqTatYmNtwqVW8xdtMWP5ab92tElKN+pE7jmTbQq7qRm3VIsfy1MZNOzNKa0tcGX5dtEa06OFv726nNDWqUWKyjswkk2rUS/NUqru+9T1XbWDhYrlUthm3bQ3y1Iw3VXZt0m2mrvYrl5SdflXdUin+9Uaxbtu6pmX5dtRaUepblYas0cbUP81N20jbt33aT0JTaHxrt+Zf4qcy7lpqoyr8tOZXpuV+hRIkBahod7UbZFjpy+Y0f+1VcpDtJ2ZIq7VqNnXv8tR/vvJ+b5apyw3Dqyoyru+Wko3drFmkPl/ip275qxIxeL+7kkZv9mtWJW2/NVOyH8KuiwrYqRWWq+1vWja33aHKLEo3JmZaatCozfLTVgZW+9urNNs0sifb8vytQq0xo2p8cLfxNSckupTiug4Nt+WmySVJ5fy0zyG3VPNzOyCz6io1SM3y1HsZaf5f+cVtG1rE3E3bv9mhf9qj+GiNd1PlCw5mNNba1K0e7pTFj20XEJtpF+981Sxxsv3qiaP5qmMezLle1rEm7avy01W3VE33ttPRGX5qpStuTYkWlkFKv3abt3c0XcgSbBfmpsi7VqTyxTW27qGlE2sNjX5ad/DTljWjy6iU9LISimNX7tOZV20Ku6mtHSUW9y0mug3Io8zb8tL5e1acsat81NebJauV2k+anq1S+Sm7dt+alZKzdPW9yraWKzS7qjaSpmWofvfL/AHq1XvKyDQhnnjSNmkkWONfvNXy18a/2pv8AhENVm0zQLVb5o/3bXHmbdrf7taP7V3xu/wCEH0htA0qdodfuvvLH96OP+9XwrfSSQvcTNM0zTN5jNJ95mr0KFNUvemrnHObbsbfij4ma/wCOrn7Rr9/JfSK3yrJ91V/2VrnJdSkkj+9tqrDc+Z80i/NVS6molzVHdGcopK6LD3iv/rG3Vk6gzKGaP7tSPEzR/e3VntM0bMp+7ShPk3MErm1pesebF5cnDL/FVXVV3yK26s23nZZN1aEzLJDuFTOop7ItJrqZUzE/LVFpG3fLVi8kVmrPy3mdflrG7vYbutzb0uTavzVJdS/Nt/hqlZybFqSWbPzUp81rISu9yHzNslSSfvFqCkjYtJ/s0QhJ7g7LoSVIkrL/ABVXkj2tuWod7bdq1vr0HyK10dDY65NHPGzSMu3+Hd96ta28ValH50cN1JDHJ95Y2+9XERyMrLurYtpNyr81ackZbszbaLK7o3/iZqvafdXFtcx3A3Lt/h/vU6CSNoFb+Kqc1w275Wropr2UtDCV5KzPrT9k/wCNU2n6pbaBfNDHHqFx5a/L8ytt+Vq+w9TvGs54/Lk+bd83l/3a/Jbw9rV3o+sWt/ZtJ9qtW8yNo5Nu1q+3fht+0lpnjqbStO1Caa1vJlWGRvLbasny19hhpRqR0PncVSVP3kfU+nfaLhfMZfLX/wBCrR2/LUMMfkMu1l8v+GnSv83y13ONzgjFWuwkZqa26omkZWoW4quV2uzP2kYuwSfLUSyMrVI0in+KmN0qL6WG7N3FabdS7N31qL5V+7StHI0e5VpJKOwnZ7EcrZX5ahb7tTRx+SrfLu/vVC3zGnzSG9CGTcy01mZV21JM1R+WWq+bSwlKK6kcbbWo+Vmpyw7mprJWKmm7FTl/KR/Lu+WmN96m7vmpytuqZcx007OOu5HNHVX7K0fzeYzf7NXliaSSrH9ntJ93bXmYmlGUdTqw9apCXkZa/dVVWjy9tWLlWg+ba1QrtePd/FXxVenUi7pXPr6dWFSO5G0e5vvVVnj2yfLVr/gJpsi7qyUm/iN/dKeyTdu3U+GZt33qfJG22oVXa1Y3XchxbHSxt5e6nW+5UXdTZGaSpFRljoUoroZOmmOaPdHTVQKtR+e23bU8bKq1tqRK0SpIu2mxqy/NVib73zVHL935axnJLccYx6sjZvmoZ9rfdpPK+ZaeyiP5m+7VRqRlHUi0ns7Do2WqzblbbUjTBv8AV/NTWRt3NaR5OhLlJDY9srMv8VSKvlNTrbbHJ92idvMq+VWuiVdkLSeY1N8za3zUbf7tTLGvl7WrLlstDpi9LMq3Lbl2/dVqqrNIke37zL/FVq52/Kq/NUaqq01KT2ZcrWvYjVpJdu6o2Vvm+61TNJtb5vlqnJcK0jf886zbbMveBZPO+WpoVaNagh2rU/mfL96spVlHc1jGXUbJN/F/DUcUiyXG6pP3bR7VZf8Aapu1YW+X5l/vUOonsGsSxKqzf71VWiaJvvMy/wB2rkTK3zU2Zm3bmX/dWnTozl7yYuafVEdttm3bvlpslrFKysy/Mv3WoVl27trKzVJHt+Va1gns9QV57kfkrHuapIoWWP7u2pG/hpqu2dzfdrX2UO9mHKug1naH+9Vdmby91XvP81aqy/7P3a46kpUXe1y4xurMqSJIvzN92lhj8z/dpu5pG4+ap4l+aTzGZa2pt1Fexy1I8u2wlwyxQ7o6zJJGar3l7pGjj/eLUflqzV087icjaW6PTYbdV+bdVyCH+7VGzjMKsu7dub5auW37tdq/KtcKhBO6Z7Ds+pM0W7/Zpu1o12/eqaNt1OZFauldkYvVWQ2ODb/DtpVXa1OX7tO+XbRzSvYxaaG0rfMu5WpVZWpPvNVKz3YNuKuiPa1Oj+Wl+b+GkbdWMpqLsiXJy3HNJupFk2/dpjL8vy1Gu6lfsjaMFa9x27zJKlX7tIqtRu+b5q0p+67j0irBIy03f81DN81I1be90M1U1sxzM1OVv9mmbm3fdqXy9y0PVWHKTjsMbafl3U3bspzKy0fw0Rp33B8zFU7qcvSm/d9qdHH/AMBrG/K+VMrlEb71J95adJGyqzbd1MjWT7zUSfYOWUXd6iquypV+ZqI4/m+Zacq1olZXYk9btBt3U3btb3pWVo6j+9/vVDly7MiSa2JPJ3Lupy/dp8LbV+7Um35t1DfMrM0hCyuyBY2VaVv4KsM/8KVA25v4atO2yM5WF+9S7W+XbSqu1d22pUbK1KaTuVBySsNnRlj+Wq9tHu+bFTTSMv3abb/KvFPnZSlJkm7/AGakX5lpyx7qk27azlcmPxakarupsvy1J5u3/wDXUMnzVKkranToSQyVIzLVdI2appIyorOW9zTlVrEjSLt20LIu2oMUn3Wq1NvYz5SRpP4aTyt1KI9zU5plhX5qabluWNWHa1SKvNRxXSzL8vzVaXpU9bsSu9hqx7ac23bQjfNQ1acwcsuwqUm/5qUfdpYo9zfNUOS6CimLH8y1KvWk27aerfJQvM0srWGbtz0+mbtrU7dVKnzuyMnLl3ZJ5e4U1l4FM+0UjLcSqrLH/wACrtp4Gta9jnliaa3Y7b70Kv50GzmjXdJIq/7NO+zTbd0e1lraOBqdjP65T7hJ92o1WiSOZf4aFWTb8y1P1Oqt0H1mnJ2uOboajbb5dO+bbTdu/wBq4pxlB2eh2xkmrpkCr+8qdWp3lqvtS7T6Ul7xLdtxFkoXrRBbMy7v4qJV8v8A3q2eFlGPNYmFdTly3JKTau7dUUbMy0+T7tc/N3OtRvsLuFN8yo1Vmpzbvu1k1/KNNw3BWp3U1WkaSGbay09X3VsrpXYRlzbMmZdy03csa01WprLvqLRve5Vh/nUSXO1f71RquxdtV2mXdt/irRahK0VdsjutVhiVlZvm27ttY1x4ljs7aa6mZbeGONmZpP4a1ZY1k+8qtXknxi8XaPodnNarIsyrC0lw0fzLGtehTwM5LnR5jxUL2ufDHx18UXmtfEy+ur9t0jKzRt/0z3fLurzuS6WdW+bdXW/EHxF/wmnijU9XZVWO4by4V/6Zr8q1xW5YpGjb71EueLsHtIy3IGuNrMtUbifzFbbVi4t/L+7WZM23durLnl1RDbY+2u3hXazblptyqs26qjMyN8rU6G4+b5vu04wb3ErIGf5t1W4X82P5fvVUmRWX5fvUQO1rMu77tRK0XYXMyO8t/m+as9k+aunvoYZoVZfvVhXls0a7tvy1Djpd6Gi0K8TYm21akk+WqKsyrUiP/tVKlyu61Kk7qyLHmblpy/KtV1j+b73y1aXbtq7uRDhYr+Zukpske35qdNt3VVm3FflrRyS0YR93Yc0tTW11t/iqp5bbaFk27az5nB3KUlLc6GC4ZqbPP5dZscu5V+bbVr5XjrbWSumRYkiumjb5Wrf0zXriztV8uRvOjbzFk/irlGk8votWIJm213YfEzpy0ZyVKKkrSPuH4GftnSaYth4e8afaLqFmWOPUvLVmVf8Aar660nXrLXoI7jTbyO8t5F3RyRt96vx50+fd/wAtG+X5l+b7tfSnwB+Od54QuLCG8mXUNMW4/eR+X80f/Aq+uwuKjWW+p4WIwkqesT9AN3mfdpGVttUtKuY7y1t7iNt0cy+Ytafb5q7+bWyPJUIxdpENtGq7t1OZf3lOb73y0NDU+7fzHKK6DvLVdtaFvCqx1mq3zbWrSto2Xa275a56uiuzoow8iO4tlX+HbWVLa7ZPlbctbr7ZPvfNVWeaNflVaxp1LuwqlLmd2zG8j5vmqGRfLq9INzVXe32/N96t3Uijm+rqWxXjkZarahqdvpsbSXUywxqu7dWjHCrLWR4h8Or4gs2t5G2q38Vcrr027bHdQw7Zd0drDxLZyXWn3yzLG21vl202SFoW2su1qoeAPCa+GI7tmupJPM+Xydu1V/2q37yTzG/hqo1I7J3M6kJ03ZFGD/drQt/mWqsf7upoI2kk3btq1FZpxLppy3Ce3Vm3NWfdafDK27c0f/XNq2J/mWsu4Xbu2r81eDWnCMT2sPTlJ2Kc0Plx/LVTZ5lXpPmj2tUPl7Vr551IOZ9CoWVrlOefb8tU1b8qvXEa1Rkb5q4qlSHMaQlJKzJI22r81TR7Wj2/w1Gq7lp3leYu2tqclFXepn73MNljVeVqNY2ZWqx9mZVpY22rVqSezJmuZWZWh/eH5qkaHbUvmL97btqDc0kn+zWTd3axg4xirogaT5ttSfej20sm1v4aareZ92pcZR+BGkLJXkRKyxtU+7ctJ5X7ylm+7833an35OzM5SUtiJtyr8vzVHuZl2/wtU7N8u1aik+Vf9quuNvhM473G7PLoW6jk+X+H+9TdzfLRtbd935amcUlY1i+Z2Q54l27qptt8xWqxOzM33flquV3Viko7OxqrojlPmf7tQeX5Um5l3LVmSPcvy06OHz0ZWqVN3sgs2VrqCOWNflVqrbWjWrVwzRr8tLIvnKu771YVqcai13NVK3Up+Y33qmhkaSiSNm+VVqW3j8tazoyVHTcJWkEKsr7avSMvl/3mqvHulanBNu5a7+bS/MS20R+YrL81V2lbzDt+VamZNrVD5O6bc1c3PL1En3JIZ2apFSRm/vU6Pa38PzVJBKyttqo0ubUTX2rle4g3bl+7VWaDb8q7mrSuImk/i21D91fmbdT5nSdrFcytcbbxLIu5fu02dt7bWWpFl2r/AHahmdo/mraLle5xyfPuOZlg+XbtqkzLuq3HIty25l+Zaikg8yRlrSs9LJmMacep6HGrK3yrtatCFd0XzLtaqqtub5auRMy/7Vc9O1rM9GOiswjqbydyrTVXb92pY2/vVai73iS5cuwRx7V5ptPZqI/vVSbW5haUhfM3fepSqtT227fu0xv3dOT7E8rvYQrtqNvu7al2ySfe27aVYdzUnTVrmkYRW5AsdSrb7qnXb5m3NS+ZsqVp0LlDsUpv3LKtMp9xJ55X/ZoVWk2/3a1V2T8wXoKY21v4ac0fltS7fmp7OyMHruMqSP5mpv8ArKlTbGv+1UOVtzdRsrjZqSLay/NUrbWWmxx/LVRkmU9He45lX71RM1PZWoK7lNZNNO5N+bYFXzFpyrtWoo2281N5jNVczkOKl1Y1WZV+VaVV+bdTt22iPatVqZOT5tRWZdtNWNdu7bS/K1Kn3qlpvc6IyQP8u2hV3VYVVdabs+amtVqim2iCRVWpY5o5PlX5qJIs0L+6j+WlzW2M7p7DXZqIlpyr5i037lRzc71Eo23YOrMtOi+7Q3zJ81SRyq/y1pZGkI2dx0fy05m/hpystRsvmNSdmN26IYy/lUqx7crTlh+apNu2sJuUvdQK7Gxr5dO21IvyLR96nCLW5pciph+WrCptqNo9zVqrrclOw1abc263MW1m2rU3/AacqbqZUVzbFe3tVt49q/dWpt235aljXdRKlQlFF25Rq9adtVaTymZflpY4W3URSk7juhyxrJUirtqaOLZUbE1MosnnfQaw3d6Noop201a0VkOLG7flpfL8wqtPVdtSRLXpYLljO8jkxMZSj7pYt7ePy13L8396pVKrTY5lVaft/KvtKcoyWh8tUjJO0hDF533qese1acvNSKtUzDUr/ZlahoVb+GrOQ1NZOanR7mik0Z11Btqnwq1qXH3azmX5q+TzCKUtD6jCSUojNu5qetKG29KGVdteTTbid7jcmT5abOqsv3aSOTatPRvlr0pYtSp8rOCNDlndFXaKb5dWm+ak3ba8aS5tmeopW2II46ftZfenMlPH3aFLlB67leUNKu2oVi2VcZVprL8v3a25nIV1HYr7feiRdq1Jtpsy/JWbsthJXKUzfLXMa5qH9gyrdNJu3f8ALP71aniTUJNL0e6uoVZrhV2xr/tV8hfFn9oq48LzzaNasur6q3zSN91Ya6qKlLYxrtNWZ678WfizrOi6C01g1rH8vyr97c1fHvjvx54hntbq3uNX3fbtyzfu1bzF/iWuZ8ReONc8STM2oalNcbW3L823bXJNJIvytIzfxfer11iJQ0cjyvZroh32hvmVm+asTUp9kis3zf7VWNUWSKRW/h21lvN9oj8vdXJOtd3SNuWJYW8WZKhmhXy6z7iOSNtqq3/bOmNJMv3m3Vx+0+RcVfclaFW7U1bdW+6tV/tD7vvVPHebf4a05pdyXFIjltZIW+b5qk8vzttLNdLItVvOZW+9WMve2Zoml0LTRyR7drfL/dpk8yr96qkt5J8u1srUMlw0y1pZ8urHzRkOnVdrMvy1S+bdT2mqq0n7yo5Yi5mti6vWn+ft+7VfzvlqP7Qaz5uU0+KOpckmV49zfeqNW+Wqck277tHnfLVc7qGfKyy3zFdtK0W5flqqs3zVYjuN1K91ZlavYmRV2/NU0K7WqlHuZ/mq/av+8WqUmlYnUjmVt1Ohb5dtOupFVqr+ZtbdSjIVl9o2LNvLrrvB91Gt4zSLuZfmWORtsbNXG2Lbl3NWzp/lr80jfu/vV7uC+I5MRBOOh+lPwD8cSeLNHW4k+aOG1WNoY/vQ17F5ystfJP7Mvi630Dy47e3ZrPUIYG3bl+9tr6KbxnHDcNbx2skjbvvbttfZwu4nyFSjLm1OuikVTtq1tjbbWFY3X2lVk27VrVh/vU3G7uS7xVmTPEq/NRHdNt2rTWl3VGqtu3fdrlq1HDc2pXlsjQW4VY/mrNuGZ5N23atPmnbbULTNt+avBrY+FPRI9ingJVFduwzaailb5dy1Izbl+Wo41+Xa1ePPMKk/I9Cngo0yGORt2Kdv+X5qbJH+8+WmtC1cjxE3uz0Y0IWvYjmZmb5W21JFJt2s38NRsjVG/wB2tqeLnHqJ0IPdGgt1G3zbaI7pWkZf/Hqz449y05Y8UTx831MXg6d7xRcln3/6uqUjNuqde1Rt8zV58q05nVCmoqyIvu/eppVVpzQ7WqGdvLXdt3VlGjze8mW5OG5DIvzVnzQLuZlXbWlFumXdTZdyruX+GonThT95l03zdTNi3M22pvM8v/aqGGTzpGZflapo42LfNU80ehMouJN5jbahHzfKtSPH8u371NRdrV0xcXE55uS9Cu0LK33qkjj2rUki+Z/DTkDK33a1jOPwyVjN+WpRuVZf9lqRPkWrdz81QmNmX5VrB2T3N+ZWs4kas26pJmbbUCs1Txr5i0oS7Gdv5UQq3zfdpJWVm+X5qf8Axfd21WY+W3+zXQmmEYv7Q5pGK05fu0SLtj+WmqrbamUn1NOWKV7Ee3c3zU1oN33TTmby/wDeqPzmX71YKKkTGMe5GytHu3fLTYGbc21qtQ7Z1ZW+amzRqq7Y41X+9WUZezly2N9I9SrKu5qa33atfKsa7l3UeV5i/wCzVt+Rm4pu7K0f/jtP3KrL/tUNHtb5ahmm8v8Ah3Vlo5as1TurIvQ/LTZH+b7vy02L94u5abub+KuyUYqOmxnOWlgkk+XdtqJW3NVnbuX5arxxL5jVEfZ290xjHyHRqq1JGu77vy1HD975qmkXya6qaVr3KkkE0e1aq7VuPl3VJ5jbl/iWnQpGrbljVW/3awqXmF0tiFoZIW2/eqRombb91qdLJ825abH8sfzU1ePxGcmnurEMm6Jf7tSR/dVm+WoZJPP3bV3bah3bm+ZqmpJVN9DLSXwnplorKvzL81X0+7VSFmSrCfNVyim7HapXHotDK1SRrSt81Suem7ojmT91jFVmqdoflpkdPbduqU3N3ZDSW6EXc1OaFf4vvUn+pb5W+9T1iZpF/u1dl0Bwa2GMzGgu3l/7VPnby/l/vVCvWm7shwaVxVbdU27zI6VVXbUbSKvyrWSTTuVzcxB8yybfvVYYeXUK/fqR/lb71NTbdminGyvcZI25aSP5qkZTtpirWiknsYqVh8andSMq1LGi/wB6ovL2yfM1RJLqa/EuZDNzM3y1Krbab5e2SnfK1bU2uwl8WoLIytTWZmNSRfxfLTlj21nOzdzRe67kVTR7dtQNvZvl+7U0cHy01FR3I9o72HLtZaim/wC+af5e1flpNv8AepSb6FOMELFGrJTo4tzU2NNv3fu1Yjj20ubS1xNJ7AqeWtR+Y3mqv8NTM22m7V+9tpqVhX7sczbVNV2Xc1SN0pq/NWfxO6KjIcreXUbVN9nLLUcKtu+atdBLV3B/mXbQvyr92pJV3VIq/LU69DSNyu8jL81Fqkly/wB75adPtWNt3yr/AHqsabPHPGvk7Wj/AL1e3hcGqivM8PFYqdOXLBk8cXlfxblp6/M1Pb/dqOjHYZUtUjqweI51Z7jG+9Um0LHTVXc33acsTbq+f5neyPWIlZm+81Sxp81HktT/AC/lq7S6E3UiTt+FNXbQynbTVVlppX3LS5diXNM2/NTo49zfNUzRqKajYnmY1flWnqtNb5fmp27dViuK25qYy7aejbqbIu41k2b8t1dEbVLGvy0ixqtKrfNUO62EtN0JtFSJu207b/dprbhW6cluCdxrfN96rUNwu2qq/NU0caqtenRx1SnE46mDhULIuE/hp32iqX3fenKtdKzSp1RzPAxRZ88Ck+0blqu3Wm805ZlOStEI4Cn1Q6SZpNy7ahVNtTBf71Nx81eXUqOu7yPShTVNWiQsp3daNvy1I+5qb5e371cs9Nje41elOo2rupyxVnJslXY1VWkk+9UuzFDCpTaVilFobs+WkT71PZflpqLt/hpc/kISaot22pJFbdTdvvVJXV0guRr16U2RqlZapXXyxs25Vql5DeiucB8cvEsnhX4b6veRqvneX+78z+9/DX5lapHIlzcXVxJ51xcN5zSf7TfNX2x+1Br9pN4D1m+mmazbb5Mf7xvmZfu7a+EJrpfIhVpN27+KuunzRVmjjlLm3Gzzbqz7i+VW+9ViZv3bba5y8kZW21rJ9yFaOxp3155sG35WWsOa58lt2Kb9sZaf5Ud5H97y6wbcdiXyvqNi1Rmb+Gntdq67qga1jiX5fvf3qrNJtbbWd5SKsnsNupV+8tNicMtEiqy1Du2t8tVGVtyVFMsSMq1C0q7qZtZmpkcLStTbj0HGlrdsmZt3zVHu21Y+ylV+b5aG0+Rl3RrupczaszRU0jPmb+LbTVh3KrVpSaf8vzfeqNrNtu1anUl07FR49qr8tR7fer/2dtu2ofse1moSTNOUq7TS7TVhoNuKTy6uMUnZGbjK90QMu2kj27qsSWrMu5aSOHa3zLRK0dncNR6MtSLtU7qYopsjeXWTV9yW21YlnbzF+Wo1+7tpI5N1G75qcWStdy7A21VXdWnbybdu6saH71aEcm35q9SjUlF32M5pI+jv2a7u41O8bTZGZo418yZvvfu/4a+w/Dk0d1DDHaxs33VZdtfnd8H/ABlfeGfFEbWsixrdR+Sy7fvfxV9/fC/xRceIdN0u6020hhW43Nt8zd935W/9Br7COIcaV9zwJUXKpZM9d01f9Gjh+ZmX7zSLtrWjj2rWfZyLt3bdtWmO77rV4Ms4knZI9D+zYSj7wbfmp0jbVqBfvbt1OabdXm4jMp1lY7MPg6dF3ihu5Wpjj5aUbd1Em2vK53Lc9P4ehEyfLuWmqKmY7Vpq/N81DirXuQrvYb92hlZlo27moWPdTdTSzKsyOTd/dqF0Vmq00m2qu7a1YpXJ1HNGqrtVdtQ7akZWb+Kjy2Wm4Rew7PqRs+1aAy7f9qhU+anKlUoJG3MrWK80/lr/AHqS2j+0NSzR06Fcba9TDuHU83E83L7pHcr9n+78q1SuF/dbfvK1a8yxyRNWZIvy7awxlOnLYnCzZQij8v8AhqzEqsvzU6NF/ipzfK23bXnJW6HZOT6jdq/w01l2rUyrtpjSL/FRs7WMX7+xA0+1akjZZFqPy1ahYdlaVKU2roOaMdhs1RNPJH8q/dpit5js27dRLuP3fu0oy+yypLmVkSKvmLuam7lX5VqGOXb/ALtSeYqrWilbYyUnB2Yybd8tM2/L81P3bqjlbcu1qnnlezHG8tx0LeY22kkZfmX+KkVvJX+8tN+Vn3UpXJkm+pH5e5qbOtTNt3VC3zUoScvdKjaO5H5jK3y/LUy/LUVPWNm/3aUaDjLmZr7REbN5bfe3UfeXdup32b5lokaPbt+61dCdODuzOXM/hGqy/wANV/l3/N92ppPlT5ar+WyLu3VEownsaQlJKxcj2xr8rfLUca+Yzbqjjb5du1WZqmWPav3q5eaKfI9Bqkm7sbvaNqb8rN/tU5vvU6P5ac4vl9wXv3smSRxR7f7rf9M6j8mTy2ZpF/2aI2+aiRvMZal86jqZtSvd6kfl7V/2qG3eWzL96pJFbyfl+9TrdG8uumjLmjuYxi07srwM0g2stQzwybty/wANWpF8rdtpvmKq1tZSdkOTbVimtz5UbK33akZY5F3fdqPydzfd3U9oY5o6fIm7HPFSp6o9JWGTb8tWLdWVdrNupsW7bU8a1z3n9o9FSilZDlZt22nL96pdvy0xI9zVotTnvK90OjjZqd92pIx5dOkTctQ4vpoN67kcY3NTpJGXbRFJ/Dt3NUk0exaSp2LveOhXkbft3fMKfGvzfdo2mlaRtv8AdptX3BNpXsEu1f4qZs3fNTm+Zf8AapYo/lppWHHlGKqq26mSLuapW2q1G3ctT1uNTS6ka7jUnl7Vo27aFbdTWvkZP3tgVdtMb5m/2qd5TM25m+WkkX94tLWPUq3Krj41/wBmk8un/dWomb5qun5jWivYcrbW+Zqk8xajbazULHUu97MHJSjuPVl/u1JuWmx0Sr5i/L96qk/MiDS6Ee7dJtWnqvzbdvy0yKNvvNU0m5lVV+WhPuU4qZJHGo/iqNm2ttqRcrUcn3jUuz6CXubBu+anK38NN2Gpo1CrVXIbbIdm2pI46JPm75pyrtrOzTuhrUdu2/LQYz9KG+X3pyt+dXzd0axiyFo90lEm4r8vy1Jt2tQys1aRtzalu9rIrrZtcwSRyN95dtWtL01dPjVV+7/FQqtuWrsc6rIqt96vssHKEoWTPlsVSlGd0TKrN/DTpYFx92rSrUcrbY2rTFKEqeqM8JzxqaGey7aN3tTlZWpu1a+FlCPPeJ9hHaxIrHbTd3zU7b8tPVfyqJ3atEfw7iUq/NS7d1Nb5KUYspO49e1O3YajbtprfM1aLV2CwrNT1pqjbT9yrWtuVXYgj20OtC7Wp33aiSVrotc0dhqru+9UbLUzUL83vUO27C19xsfyrQzbqFXbQy0RfmVEI9tOb71C7VpyrSTbBvl2G7vmqRelIF20tVcasxab92jbTl607SSuh2a2Gqd1JtNSMu2mbqSTZk4sZt3U2SNmanSblpVanYakIseKf92lVvzo+9USf8ptG73Eamt8tOUbaSRd1Z8rvc0drWHfJS1F92jdWrjzdDJu247aajZdzfLUisrUjSKvy0+Vx2Eop7kb/drkPiN4uj8E+D9S1ZmVZI42WFdu7c38NddJ8ytXiX7Tnh/VNa+HeozWDM0dvtkmj3bt0a/NUw+OzFPRWR8PfGnxRca1eWcdxeTXEiq0ki7vlVf4flrxW6uP3n+zXXfEvU7WbxRcSQzeYvkrt8v5l+7Xn8kjM26u+T6XOFq+5vwSLJF97dWRqsOx9275am0+62R7W+Wi+ZZlqHJExpswpPmoWL9396nTf6yh/urWT0VxcskQt8p+9UMm3dVjb5n3astpzRxqzfNWSb6m8V3Mxo2+996prexaddyr/wABrfsdFa4Xy1X5mrutB8CSRWK+a3k3DNu/drUe05dzojRctjgdM8M3F0WkZVjhVfvf3q3bPwLC3lyMrLu/ijb71eoaf4Tt1h875pJmX7si/drXttB8mLasasq/LXJKXM7pnqUsKkryPJF8HeTKrfZWbb/Ft3LTZPDqxyMqrtZv++a9iOjq0flr8u77zVkz+FZI1WaRWWPd/wAs6hSmuoTopnm7eELVpvMZWZdv3f4azZ/CMyzfu2Vo5G+Vv7tezr4VaKHcsfmL/d/vVYTw6rWu1o9rf9NKqnGpbch0k1ax4Vc+D7iG58to9qr96SSoLrwy0fzKvy17hdaGzR7WhX5v4qyr7w15jrsh2turo55xj7pzOGtjxRtFZo12xtuao5tFZV/dxs1eyzeC7VZWm3SLJ8rf7NULnw3Cs26SFZP/AEGmud+9IUaLZ5IulzKvzLtqOTSm27ttenahoKt/q41X5fu1izaVJ8u2P5v7tLm5Xdol0U9jgZNPaOs+eJvM+7Xb3Vj95dtYl5p/lN93dQ5y6GMqTjuYTbt1MkVl+ZqtTweW27+Gqk0jM22uiMtL2OdwfQmhmZmq3FI235qzo2+batW4n8utoSf2jCUX0NzRdUm0/ULe4hkZdrV9wfsoeMF8RWMMMFvJbzaWrRtJu+Xa3zV8J2cm6Vf7tfTv7HF19s+Il1p6zNG0kfmeXHIy19Dh71Ycp5tXki7yPvrSrhZ7aNl/irQ3baz7fw6ttP8ALM26tJbNo1+aT7tefVy2pGXMmaU8fTtbcjZd1Lt8taikiuFkVo/L8v8Ai8ypVbd/vV586Th8R6dOv7RXQL92kZttP27VpGjrknZnVzXI2WhV+bbRKvlLuZtq1Ct1H5m35q1jTk47GXtIwdrk7LtWolZt1S7t1MZvLas7pbmiaY1utVZk/ebqsNMu6o/J3fNu5qeZ9EUlcWkjkZm2/wANO+6tCtQlJ/CiJJdWHlqrUNTvM21VkmWvQw1KUpe8jjrVeVXQNGzrVaRmjWr9urSJUMtv5ny/xV9KsJDl90+eeMqKdnsZDNdSyfL/AKv/AHqmjhZVrT+yqv3fu1WnZV/i+WvJxeDnFXienhcRHmKcq7fmWnM26OmyNtamq3zf7NfPuTi7M9nSSuhV5bdTJfvUSt/DTfl21p7Qz5VIa3zVXmZm/i+X+7VgNtqP5Pej2jjsyUkuhXiX73y1J5m5fu1Mny/w0jMtLllL3pF3KjtxuqKJvM3VPKu2oF3I1K01LQiyfxBJJ5dNWRZGpzbWprR/3acoc7u2S5RRJsb1pvmbf4akj+781RuPmpuSXuodOKvcbJIqrupsm1du1t1SMu6Oqcf7uTaq7VrKHKpBUg5EjdaPM2LTvvfPtqF9sq/LVNdwjeI/zKZI3mN833qcn7v7y1CyrLMzN8tTGUbW6jXM5abDlXcrMG27agjaTcyt81SyQRov8X/fVCjbWdOUr2asatSWwKqq27+KnNJtbdQ+1/lprKqqtV8btYzlJjVmZqkiZmba33ahVtzbV+7R+8Vtu6spKcZcrZKaWpYZfmVVqSNVVahj+b/eqYxtJD8rba7oWtaRpGStcbJJ+7+7RFNI0X3dtRsm1fvbqNzKv3aJRUdOhKvLcJ5FiWNd25mqPZ8u7d8v92pm+aNd1N8m38vc3y041ZR91bEuUU7MqyTMy7Y/lqBFkVmq7tVW+Woblvl2rWqqLqjmdkepR7lkqZXWq8c7KvzLUkXzfNWL5k7HZ0sXP4fwqSJfLWokt/7rVM0W2Nf4qZgtXYWms3y1Lt3RVGyrGu1qh36F6xHQbmXimzNtfbUkLeXH8tNaRZG3URdndj16DI/vM1P+8tNkanN8y0pOUthcvZjU+ZttO21HDuEm2nfxbaab6mfs2ncZuV2209m2/KtDfu/96nRrvqVK/UJQG7ad95acy/LUatxtWrUb7ELyBf7tK22npuX71Rybdy1m4pbmsZO1gX5WoZdzU/bt+9Sp81dMGkronmb+Iq/NHJVyNlZajaLc1TRoqrU1FzO9yvd6Ffayt81SRqu6pmVW+81NkjVV+WsLuLuVrshu75qcjfNTY1/ipy/M3WjWLuUtB3LNQ0f977tO27V3U1pPmq3qrohyT2Gq3Py1IveiOKnblXvRacg1DduXmnL0paKuNrWEuZbibaWk3Clo5dbsblfZioqs3zU6Tb/DTVVm+6rU3y2kX5Vao940+Ia1wsP3qk0eLz7hpm+b/gVU5VZpYYdu3zG27q6Oztfs8CxqrfKu37tfRZfRknz3PEx21kSbWVv9mobhasMyqdv8VR3DeWnzLt/4DXp4zlVM5sFfm0KRU0L94U1pv9lqGl8tV3Ltr4qTUZH1PS5JxQuVqLzNtSRurVUeWRLdyRV/ipqrual8zatSK2371StClqN27Vpv3mp7Lupke1TSu73NGrD1XbTmTdTWb5qcv96tW7k8qWw5oqPL205dzU7aaw5X0KsR7WanLHS0u0+lac0bWZOobTTdtLSjrWLly7DWg1V205etOoq+ZRV2UrPYZ81O206iktVdGlg9aZtZadSbRWilcxk+wnmUq9KX71NVttU1pccW1uhW6Uq52im/eapMUDfkMC7aWnbaTb8tczqNO1jRQsrjV6UrfLR8v8NO+8tdVKSbvIiS7GeyyX1x5KSMq/3o6ux6DbqrK000n+15nzVPbrHbfd+XdVlZd1fV4aNCUdD57FTrQdzLn0VW+7cSRtSHR44YlX7RIzf3q0pGphZWWvQ+r0+xwLFVo9TMaBraL5d0lc5r0t1Pp95b/wBleZbyL832htq7a7ML81ZOv+X9hulkVW8yFq5amX0ZPmS1OuGPna0j8ZvGFi0nizVW8tY445mhVY/u/K1YF4qxr92uw8WRx6frWq2q/Ky3Ui+X/d+auPuo/Mr5zF0fZSPUo1VNXM1riRZflqZ7nctN8jc1P8rd8tcCszeT/lIlZWb7tNaNWapGRl+6tNZfm/2qXMo7hqTWNurSfMu5q6W10ZpI1Vo/l/u1Q0fTJJJI2+8zNXp/hLw2t9IrNJ5a7trfL/DSclPZnVSg30KvhfwgsixzMvlw7flXb826vQLHSFj2/L81bkOjwt5axrtjVdtacNrtXaq/LWFaXLE9fD03HoZEWkf7O2pmsf8AZ/4DW1HAqrtZaZLbbfmWuGNpep2ymzFjs1WT/aq3JZqqr8tWVhqOdd22u2FFNXZxuV9ynPD8u5fmqu23y9rVoS/KtZ0jfN92ur2el2c7k0V2VW+Wo5I12/NVqTaq/LVKfdT1tZIhK7vYp3Ee5m/hWsm8WNd277tas7Ki/NWNebZJf9ms0r7oq8ouyKE1v50m7+GqN5axxr91d396taT/AFfy1nzLuX5qwlvy3JnGVr3OP1Cz8yb7u1ayLrT/AJW+WukvFbzN1VJF+X5q05oxVkcqjJ/EcReab+7bdWFdWfkt92vRpYVaNtq1zGsWO6Zt1aRkuhnKLOV/1bU9blfu068gaJqrbdv+9WnvHDJO9rmjDPtkWvYf2fPG0Pgn4neHNRuY1kt2maGTy/lba33W/wCA14vay7W+aui0i+kt5I5Lbb5kMiyfvP8AZr6DKanvWZ5uKg5RP2S0+8W8ht7hfmjmjWSOT7ytWiytItePfs4/EC18c/D/AE+a3VVkjj2yQx/8s2+7t2166s+6Pb92vp63KfOwjyy1K0c7L8sm1WpadJH8277zU2vhMW/3mjPs8M/d2H+Y3rTVbd/DSK277tMrhsou51uLYTqs23d/DTo1hWPb5atR5e6oWZVbbXWsTaPIkcvsIzlzskZtlQt8zURr5jUSSLHXnyd3ax1RXZkbKrUi/epWZdvy01GbbSm3FWHF62YSfL/DUdtA25maaTb/AHf4ad5jM3zfdpzSfL8ta4eq1uKovIme6hjh+9uqnu21XkVl/hqVWavUhjHGWxxToqatcvwTbVpzMu/dVGCOTzPm+7VxmVVr6rDS9or2PlsRBwnZDZfu4+6tY198zf3v9qtGafzm21TuodrK33lrlzBy5dEXhJLnsyo37yBv7y/dqvHu3fN81Xm2+X71Xb/Zr4mTi5XkfXaKIMu5aayMtWF27ahbdu+9TcYNXIUmtiGRdtR/w1JIv5VHtVW+WsZR+0jWMnJWJtzbVqFm/efNVjzNy1XZVaSrpymzCSs7tjZWqBV/iapJ/wB395qYreYv92uiOjvchybdrDGXb91abGv50NKyoy1X3Mq/erOo7m3Koq7LTM1C7mWoY933qk3fu6hWl8SMYxle9yPzNtOWPcu7bULNU1u2773yrTl5HS9SGXcqstRw7l+ai5kWOZWqTd5kfy/eqPekrGTTjsNaXctCrupuzbUkEiq+1hUThGKv1NKVRrZDfLXa38NR7fm+98tSSNtqIdayhX5ZaoXM6mwzzdsm2ka4WSRY13f7VPkgVvu/K1QyR+WrbvvV2SqRfvISatZk6svmeXUUm6GT/ZpkfmNItTsrSt5e371Yu3xXEnJu1tByRsy0NuRtqtuWpIdtrD5K/eWmwr5a+Yy/L/dohPm3L5VHyGqreZuX/wBCqaYeZHt3badH8y0eXurWUlJcrOZ80dYELt8u1ahigZm3N81WvIU1HLMqtt+7XNGm4u8WONRy+JajG2r8tQbYV+6qrSTSNu2q1J9lkrujzw94zlfqz061b5fmq1HJ81U7dfm2su2ryrtpSjyna3b4SeFttT/e+61RBQyf7VCq33aPZ3VzHSSs9yRZWT5dvy0xl86l+78rVJFGu6pjJ2syYtR6EcMi42/xVJ5e2pJIlVt1G7atQ9S7kW1m+Wjy9tJH+8kZvu0Tyba0eiuOGo6Nfl3UJ8zfNQjfJQy7ahJSHK/QcyqzVIqrGtQxybakjbcrbvmo5oxdrD1eqGyUc01OlSbt33aqV+hlfWzGsvFRqrbt1Obd/FUi7WXbUe91MetkDLuZakkt/L20zbtpPvNVQt3LcnJWY9l29KTzjTt22ofLZmq7MFqPp7N8tG7dVdP9dt+9S5X1ZfMo7Ey9aD+7WneW38NN27l+alr2L2VwVGZt26pvLpitt6VLtFOKMet7CY+X8KRUK07+L8KWj2ltyrsT7oo/h/CjaKau7dt2/LWNne5pePUbu21zXjb4jaL8P9BbVdZuPLj/AOWcP/LST/dWujkXay18W/tOXN/4g8YWtxJHt06GNo44/wCH73zNXoYeCm/eMJPWyNrxL+2RrOparN/wjVnb2Nn5e3ddr+8/3v7v/oVY0H7THjqSSFZtZjkjb7y+Sq7Wr5+lmm/veW1OhnaNf9Yyt/erpdOEHdA5Se57637RHjGRVkbX2t2+9t8ta07X9qHxpDGrNrsc21f+WkK7a+d47pv+Wjbm/vVY/tTyNq/w16tHEOMLJHDO0nZn0JP+1J8QIZY9uqWvl7vmbyV/+JqFf2nPHU87TSa/5luv3Y44VVmrwn+2F8v726mQ6nt3bm2rRUrOorNEQlGl7x7vdftLeMbmRVj1NrXcv93c1XLX9pzxlb7o11VZF3L81xbrurwyPUo2+781TW1wryfNXI8PB7ocsc9j3iH9o7xwryK2qwxr97/j3VttaEf7SPjVn/d6lb7V/wCekK14hBMsg+Zq1NPWPzF/u130cCp7ROKtmfs1dHr9r+0Z44k2rJfW8n/TT7Oq1dt/j542l3bby32r/wBMV215tpunrdybY/8Avn+KvUfAfwfk8STI7GaC1DbpG8zovpXrUsm5lzVElE+ZxvGOHwMXzvUvQfHDxn/rmvrdl/55+SqqtKv7RHitrho/Ls5Ny/K3zbf/AEKu21H4P+DvD9iHuBNPK27aWmZd3+flrz3xX4l8O6Mn2a1jUOq7V/i3f8CrujkOHrQcoL52PCw3H08dU9nSiaVv8fPEscscd/cWNr5jf6yO2b5a7nxF8ZYfCvh7+0ptTsbyaRdyw+Y0e7/d+9Xy14o8UW+qQN5O1l/u15zrV9C7su7y1X5vLjbbXiV8to4d2Z+iYHNKtdan3j4C/aD8LeOrm10/7V/ZmrTL/wAe9w3ys3+y1enqzR/K33q/Jx9eVJ2uFaa1k2/ejr71/ZU+LjfE7wLNbXl015qek7VaaT70kbM23d/u18li6apSvB6H1dOTqR1PcUp9MT5qfXG7PZmi0EVdtN2/NT6QfeqOV9QFopWbc1JWgC7dtJUjZZajpXRfMLTW6U/aaRvlFaCjYj27aVXp1FNWY5aDFbdT6RV206s9tyVqFRO1TNUTL81KV+hegKtP3fNTKfVKVtyBG6Uq/LS/jRmqjVnB3iy5QUlyskjl+X56cGAqCkWSvZo5nUirS1PMq4CnLVKxM4x/FXOeNtcg8O+EtX1WeP5bO3km8zbu27V3VuTNxuryb9pJby8+DHi+3hm8mNdOkkZt3zNtX7tdsM15nZo4/wCzeVXufln4mvLjVNVvr66WPzrqZpmbb97c26sJpKvszTWa7l27fvf71ZbL81eRjaiqzudlOnyKxL9k8xaFjX7rUNPtj2rUMfzMrMvzVyx0VrGz1I5Nyt8v3at6PpEmr3Kw28irN/00qKf94y12nwzs45bqTbDuk3bfOrGUlHc2pxvI3fDngWazk+0yTLIu3b937zV6zoOix6fZxqq/M3zNVSws1VY441/dr92uusYNqr/FXHzd0fQ04xSshbW2Xb8y1cWPb822pfs/y1G25V21tpJWZpJSXwkci7qhkjb+9Vj+H8Kcka1nKEY7GfvyKv2fzF2qtOWx3L92tizt1Zvu1baxX+FaUL/ZYSSirs5qbS1kVv4ayrrT/L+XbXaz2flrWPdWu5vmrqpyf2jkbuzjZ4WVm21Vmiautns42/hqrHp6s33a1uuxVkctNas0TfLWJc28jLujjaTb/wA869GvNH3RxqrbW/vVRutKZbbarL5lc/xO2xHK+h521vJHJtZdu2qVxbybm+Wu8l0lfl3L833qzpdPb5l8nbT5IxViJyb2PN761aN/mWqbWitH81djqmn7pG3bdy1jy2O7dtrJU19kwk5SObe32rWXqVj50W5f9YtdLNb/ADferOul8tWXbWvLyq6MW5NWZ5rq9v5dw2771ZMy/LXY6ta/aIZPlVdv3WrlJF2fLW0ZM5ZLuVkjZm+WtnT9zSRqqyNuZVZY6zY49v3a19Ohkk/1atur08LJRlozkrRvE+0P2O9Q1HR5dW0izs5rVZP9K86RvlXau2vsSKe6WP8Aff67+7Xx3+xXJca5banaXkzLMv8A315f93/vqvsRZ2mbdIq7q9zGYyHs7Rep5uHwrdTmki0ssjKu6n/dpEZdtLt3V8c5uTvI91JR2HbdtFJ5m1tu1qRmqJNMrmYbtv3qY0ayUPuWq7s25fm2r/dqFUaDXsTSN5K1XkbzFp0k3mLVVWZW21tJu10xxJEpyt5bfNUf+rqNm3VyqTk7Mcvd2J9y0scm5d1VvL3fNUkUir8tWqd+ha13Yskis1N/3aazKzbak2/LW9PlW7IlYFuVhkjVvvNUz/3qrsqtt/iarX/Lurfw19zgJrk0PksdKKnYbCqrUN0q7amVetRypurTEpSjqclGa5vcMx9q7vl3VXWRWZqsXHyttWqax7Wavh66Uamh9jTTcLslX733qeyfKtNWPd96mtI0dcsouSugurXQf71DKq01pd33qjb5qmLla0i4yXQPM2/dqPdmShH3LTP+Wn4017+xMk5bj/LjmZW+9UUiNH92pfMVVqu0yyN/s04NrcynHl2IJlbbVW5W4+Xy/u/xVoNJu+781Nbay/7VRKq5OyNFKyu2Rr935qa0m1adIytHtqGSJmj+VahTknZGsddxu8VJ537uoTAsar8u1m/2qETa2KV6jluU/IF/efw7qsOywxfu1qHdtpsstb0+ZS1JlBEckjNtZvu037zKytTpJG27V+ZaII/Lj206kve0CEIvqSN80f3qYisv8VKF3r/dqRF21nO7V2iOVRloRq277rbqcyq6/N96qqx/ZW3L8y1ahkWXbu+WuX2ivZoXs0new5Ym27qhWfc21V+anXHmKyqv+rb+KiKPb8y1vCnd3Zbv0JNyp821dzVIse5V3U2Tay0RSsy7WrvhBPcynzdCwvyrTVkpq/Ku6msrbq5Zckpe4yWpKOrG/NuZV+7RIqtTWZlk+Wo9+6sXOcOhMYq10xsirH838VMjmafttVasttkj+aqKwtuZdzKtdDk7XM5Rt7x6wsSrUkfzUiruqdY1anzr7R2uLSumKu9acu5m9qsRx/LUbfK1axtLqc/IN8qpIqRfmk21Lt21UrR6ji+XcGbYtRs25abcfdFNVdy1ze0gnZ7icru1iZF+WpGt9y01P7tPVqrnlIHr0IvK2f7tGzzFqxJt29Kb5e1ahOctGxrXcaqKsdEaqrVGzVJHu21apuPvXBzSVogfm+Vab8qttprSbWpP4qalfYV09yVlXbTVZVoVl27ab/F8tS22HJ5jmk205m21GqMzfNTvL+amuVbCeg5m3rRtNEa06T5abkkrxQKpYbu3fLUka7abGuf9mpI49v8AtVlGfNLcfM+wbT6UKvzUfxfjTtu6tpepCkxv3venqtIrfnS1N+zNFK6tYft3LtpGjVfu02nqdtLkEnd2GqtOVtzU3caNprS+lkRZp3I541k+Vvu18sftseTpnjDQIVhZo20rzF8v+FvMavq+JFlkVW+6zba+WP2/WXTfGXhxljWT/iVLHt3f3pJK9TBwtHnRlWb6I+Qrh90jNupsMyyK27+GoJY/L2/NuojbctU5X6mUpO12OkmZW+WhZmb71R7tzbaHVg3zVVOWt2YytJWRZWT5fl+arUUMjKrbarW8fzKy/drd2/ZrGS4ZfLVfvV1yqW2RyOnra42GKRG+7WhBB8u6vPL74iMrLHaw7v70kny1VT4l6zCu2P7LtX5V8yPd8tTHFK9mhywjteJ7BbMu35vlrX02Ty/l3bv9qvDl+LGss0n7uxZlb5f3e3ctamn/ABi1GO4Vrqyt/su75o7dfm/76r1cLmCvY8ytl8qisfRGnyzW67of9Z/31X0R4D8e6d4f8N308ix71jWRolZV+ZYzn+VfFPhH4wQ32rrDJD9mt2ZVVrhq98j3Np0jQ+X++j+9/DX3+Dq0cVT9nUR+L8SZLUlVXNsiLx18VtX8SXklybhbVB8scKKvMe7dt3V5LrWsNIu5trbfmWtLU75Z3kkX5lb5t1cpqEkc8LLu+9WmOxjppU6asj2MjyejhoxsirLq/mK0m7/Zrnry4Wdmk+6zfxVYn/d/drMuZW3fdr89x0vaO7Z+r4KjyW5ehly3TMzKv3q+rf2E9UaDx5dWKrJ5d1b7l+7/AHq+ULxlVvl+Vmr6K/YhvFj+L2lN5bK00LKzRr8u7a1fG4qSjE+1o3tY/QhF8v5Wp1J91tv3qdXFT+C5e7sxKKOaC22tebzLil0FpVXdQsm77tDNWfvcxQm009c8U3dSU5X6GMkwZvm96KNu73oxtq4+ZcV3IvMbdUm75aaetOVq0tpcctrAu6l5pu72pGko5YlLQfSU352pyr+dS+VFtJqwbd1OVflpf4Kbu2/nWfKpK4cutkJRQwzRxUpNbFajcmhUprL81Lu2itDESSuM+JVtDeeBdbtJvJ8m6t2hkWRfvLtrs22stZ95bQyQSW80KzLMu3bWcIyjIuUtLWPxs1W3ms5LiOSNf9Yy/wB7/P3a56ZvL3V6d8cPCbeCfH+t6SqyLDHefu/m+9H/AA15m0PmNt+7Xq1FJxujg5tbDYF8z5qvxrsXbUTSR28aqv3qt2LLIu5vvVzO8dxLe5nTRbZ/m+81enfDuO4jW18z5rWRd33a4Ke2WW4X7temeDYW/s+0hZlVo49rVzzSerOujHmloeo6Qq7VVf8Avmuns42/u7a57w/BtVZG/hb5Vrr7ZV8tflry3KXNufRUYOJY8lY0+b71VJF21ZVtzbf4aq3EqrI1bxTavIuacRqpu/hqSGLbUcN9Cy7sqKji1SG5kkVW/wBXV06l3ZoxfkzVilWOP+7RHqKqf71UlvoWj27qzF1LdJ93ataX5ZaGkdVZnRz6hH5fzMu2sHVNWjjZVX5qxNU1ZVnZY5Ny7axJ9S3Nt3VbqJK9zGVNHWQXUc/3fmqZWVa5W01aOCPc0m1f71EHiKO4WZvO2ru+X5qUayMHT7HSteLH8rfNWfeahG0qxr95m21kNq6ybv71Z818rSLI0irt/wBqohWUnZm2kVZm7eSRqv3vmrGuLrdWBL4j86ab5lVVb+9Vdteh8zy/M+Zqcpc3U5+RFrUF87/erEm/c/e+7V2S6837zVlTutw22lF/zMxlbqU5I13M38NZ13HG7fdrVkg+X71UJ0KtSdnozmcm9kclr0Spb7VX5q4m6h/e/wB6vSNcsVlg3bdrL81cDebWbctddNxtY8+q2zPhVlkrb0i48mdflrIjba2KvWcvmN8tdEKqhL3TDQ+vv2QfEs1jfXFvC0lxbsvmbfu7WZttfZdpN527ctfnx+yDr1xpvxSstM+zq0N821vmr9Bkj8uSRV+Vd1VWqKTs0VSdtjRjenb/AO7VWLctSeZtWuR8qN+ZjpJ6b9p8uqsitu+9Uka/u/mpckbXRq5cysTPc7lqMfvF+am7trf7NJu+arUWjPUPLFRKy+ZVj7v3vlqrcbmbcrVnKUftMpSaHNJupkrblprN8tRsystSoK94sl3ZYSfam2oWb5vlpv8AB8tEatV+15fdDl0vccsm2pN3y1XX5pNq1My/nUu3UH5Do23NV+OTdHtasxe1TR7tn3q+ry3m5dXofN4+jFPmZZZl21Gr+ZVaSbyY2Zm2qv8AFUdjfQ3kbNDIsir8u6Nt1e5V96Oh5EWqbuOulWqLLuarFzFubduqq3+zXwuLpr2mp9Zh6rqU9BxXy/4qryTNu+Zam27V+aqsm3+9Xnc3K7JHXZjlVWqKeb5v9miNtsn3vlpWVWaiMpN3aFZx3KzTfNUkc9RzRqsny01/l+996t4y+QSatZEnn/N81N3Krbt1N8z5aqz7t3y/KtDkupKui0s277tHmfNUMLblpsjM3zVEoxtexau/iJtqr95v+A1C1x++2rVdt0kqybv+A05Wbd8tY+6nYmV+hIzeZJu/io/h27v+BVDtkiba3zU9fu1raMY+67milbceq7l+9TW2srL/ABUi7lpY12tuaNd396sPbWdmgSlPZjI12U/dUcy7W+WkVWZvlqvek7xRKThuT7v3fy/epq/6v5m+apNirULR7quUZGXMr3WpHNFuXdu+anQL5a7mpv8AqZNrfeqRJFVvm+7XI7yka876Idv3f7tSL8y01WX+Gms2Kq0ou7RvGPNsG3BojXy5N1OW6jaP5Wy1O2/L8tdcZ3Vkc1Xmi7ocv7yhZPm20i9Pl+9VTcy/e+Vqai4u7M2lL4i00nmfL93bVeaLbD975V+ZqkVf3W1m3UNFuSkp3dkiuWMNhquqRblX5arTXW2Fm+81Swr5i+W33aWGJYm/2qipbqrkNOUu56nA3mLVr+H5Kqxr5f3anjk3fK1EE57o2qSs7xRIJWVfloXd94tup/l0Kv7ytLcrujGXvqwse5vmqbft+9SSHy46Zsb71OVNy3KgnAkZPMb/AGabIm1vlqTy9q0771czhCGq1NnzPoNh605trU5k/u1GvyfLXQtYmUrdyNo2ZlbdTvmao8Mr/e+WrG5aFe9okcpD5TM1Sq22lX79EitVN827H7MbMq7d38VV91TN0ptOxlK8QVNq7qjZvmqZfmp3lfLScUtwV2RpI1L/AA0rRfLUw+6q0l7grMi2/LSq21qcytu/2aFXms5VFF3RrZht2tupy7qcW2rTl6VTipK5CkLRSbfmobpVRTkaJJbjVk205m+Wmt1NCsrVUrx2Byj0BdzHmpFXdSD7wqbaq1pFu17EWYzZupPm+7T9+2o93zUc3kaRS6l3S1aS8tY1X70irXy1/wAFEpI4fGumx7Wby9MhXdH/AAt5rf8AstfTlnJuvIVaRo/3i/N/wKvlf/gopqazeO7e3VlXdp0Df6vc3+sk/wDsa9bCVOWJhUlFOx8eTrGrf3qj3LtqOSSTzPmZah3NJL8rVgpOpLQm8eUtRxqtH3vahpFWnRsrV1KK6HPJQtcv6b8/3v4a3/EOn26/DnV5m8xv9AaRf4W/2a5OO4mi+WH71d94mhjg+F+oqy7pvsS+Yu7+Hcq1FWXJH3WRRkr2aPn222z/AHW27lqpeboW27qbFJtjVo/l+Wq8k7SSfN96vPUm9zsStsKkjM1XraRqoxsqt/tVMsv92qhLkdosGna7Or0O4jW5t/Oj8z5q+rvDOpzXPhPS2aRlkaH/AHlWvkfw9MrSQrNtZd3+7X054HvGi8E6UrSRybbdW/d199ktaWzPz7iCip+8zJ1yRYJ5rdPvL/Ft21yuobl3fNW94numkkaRtzSbq5O6uvm2tXoYqq5SPOy+ilHVlG5maP8AirOmlZl2rUl1cLv+b5aotPur5fFuMtz7jCwcVdFaePc27+Kvon9iGeS4+Lmmwtt8uFZGbzP91vmr50lnXzNtfQn7DrSW/wAbLPzLeSTzo2VW/wBna1fLYq0lax9VheZ7n6J7u1SL8tRxRbVqbaa4YxsrM62/e1G0jLuWlpNwq2r7FO0dhiJtapKRaWlYjmYUvNL/AA9KRfmo94LCeZ7/AKU1m3U9lqPdtpvTcrQXy6Ta1O+9S07cyuiLjVXNDDbUmajZdxyKooVfu0N0pVXbSSNU2NI+QL0p1MXrTqPUHdBRRTW/2arkS2Iu+o1vmapN3lrTY1202RdzUK6HZdxrNuqncbt27utXF6VDMu75qTsyuTzPhL9v/wCH8djc6F4ntYds0zeTc/w7l+8rf+hV8c3Cqjbq/U39qvwW3jr4S6nCqs11b/6TC0a/dZa/K+6jm2s0i/Mvy1107ct0cNW62KW7zJN33aspdeX8u75qo4aiNW8ys3K+7MY3Ojs/3rLu+9XrHhG1kuIVaRV2/wDTP+GvJdPZY5oZJG2r/FX0F8K9DhuY2utu632/99Vz1ZJR1PUwtOUndHZ+HrNYraH/AJafL96Suh+WNf7tV5Wjt7aSZtsMca7v9mvKvF/xZ86C40/SpGjZtytdRrXJyRqanr1K3sFqdZrHxG03TbaaRZPOkVtq+W1cbJ8Xo47htyzKy/w+XuVq8zgg1LWpmhjja9kj/wBn7tSS+ENVXdIyx7v4v3ldcFTpKx58qtWs7pHWTfFWO2ZvO+X5vlj3fLt/vVlX3xivPILWzeW0jf8ALP5lrg77T54WZWVvM/76rIl86FdrK1KVSHQ5r1r2Z6a3xc1driOSa6+2Q7v9TJGqqq1pW/xla3gZZLdmmZdv7v7q14l9skVvlqwtxJJ/FtrNVIvYSrVFoz124+Jbak0cf8X3WaNapQeLJvtLLJJujb7vl/w15u1yzL96rWnysrK3mVzThJu6O2GIm3ax6jN4jWS3jb5mkqvH4hVflZvmrlbeRp49v8VR3Vw0K/NQ6VtTrdR+h1U3ibbH/rG27awNT8VLP+5kb7v3a5i61Jl/irGubhpGb5qlR5naSMJVWdS3iNlkjj8z5V+bb/DTpvFk0bRyecqtH823bXAz3LNIv+zUbSSNu+b71dtOEeh58qrZ3M3jq4ulZVmkhVv+efy7qibxtNHK3zNuZfvVw7M0gZadDBIq1rLkjscblKW56BZ/EKGNVWaGRpNvzSbvlrStfFFrfS+Xu2yN91dvy/8AfVebrAzLR80f8TVK5XsaQbR6rKvnx7a818QW62OoTRs3zbt1bHh7xLdQSLDcTeda/wDTT7y/8CqHx5F5i2twsituba3zVz83LLYHFTV0chJPuarVtuWqix7WqzayfvFrugpSd0ccrxPVfgjrl1pXxG8OXNvHtmjuo/m/56KzbWX/AL5r9PtPu475Y7iP/VyL92vzC+CMS3XxC0hZmkjW3kW4jaOP7zL/AA/8Cr9MNPlVljkjh8lZFVvL/u1rV5WrW1HTWtzdbOOlQn79V2uGak37f4vmrmVO51XRZZ1X5ab5n92qT3VJ5u35qTdnYFFoueZubbUittqp53vUj3CrV2aVyZN9Caa4YLVdpvmqOWddu5qpteK23bTXLLfcC9NL8tU/N3fdFHm7qjkVf7tTfW0StOpMk+2pvtHy1TWSo5ZvMXb91ayaUtyb63RoLJuXdQ0jbahtpFjX5fu0TTqzVrCPN7rKlPS5ahZVVakaTc1Y807SfKu6pIpWX5WbdX2WBpckD5bMKjl7qLV9bfbIZI2/1bLtrO0fR7fRpJGj3fNV/wC0bl+WoWlVq9Jya2PEi1ux11IzRsy/eqkzNKu1vlWppJvlqp96vkce1zXij6zBX5Lj3l3LtquzN/FTmkX71N3K1eEpRWslqendrYjWT5qkaTav3qhkkKtTWmoUeZ3TFzP7Q5ZqJP3nzVXlb+7Tt+1fmp2u7SQXQ9W3MtPkh+XdUMcq05rr5amUX0GyNX+enS/Mvy1X82ORvlZWp6NVXX2gSchfuJtpvmeX81G3dJ975aiul2quGrFQTd7DaaJFuPO3Ujz+Wv3aZHtjj/vUvytH/tVoowh8Jk03sySKVWi3bqI5PN+7VH5o221YVWjj/utSk+boWmkrMdI377bupyL5X3fu1TaVWk/2queeqw7quHM1ZIc17vusmXa3zLRu2ttqvBeR7tqrtp0vzfNUyqTjpYzjT5tmJI0e7d/FUc8ny/LUXmMu7dHSLH8tYwqKUtI2NOWysx0U7Mq96nkkZfvfdqKFlValkZZo66Zv3RxbWsQto1k3Nt20+SXy/wCKlg/dJ/eqBbZdzbt23/erNJWuc06mtnuPhnbc1G7zZPm+7Uazqrfd2rVxpI5olZdv3a1pqM1aTN+V2uxrNj/dokl/d1Cvy7qRofMbdu+X+7U+z5XdMynNrZAsyj7u6opJN0lDZ/hqL+Kr0i7mLbn5Hr0Um5WqaP5WVqijXbUqqzMtTY6ZcsS2y7lpY42b71CblpztWiSRjeN+aw5k+anbcL71Gv8Aepwm+X5qi2l7nTGTauh27dU3meWq/wB2oVVpF3fw1DIrb12ttVayj7/usUmyw0itJTZGXbUat5bfeqSSPcua6Y04xOOpU8gijaRabt2063Z9tLJ1qW7Dtpe43dtp/mbvvc1XlZt22pEX5aSlFmusFckZV21ArbqlC/wtVeVtp+WtHFJXFdy3LUa/NUrdTVRJPMXbU20stZuSYRUST5W+tQsu3+LmpPM29qj8vc26ocU/iZWsR247adCu2o5PlqaNvlp8q6E3b+IfTP4hQzd6ctCVtwuOT5W+amtt3USNUaturRWYnKT2JGb86FqOP722paTk7WQ73VgX5alaSo1205VXdU++9yoRuriNy1LsbbR5W2nMzKtF2D5V1Ksi7p7df4mmjX/x6vkP/goAyw/EZpPO2zLZQQtHur6+jZpLy12/wzRt/wCPV8X/ALeV0q/FjU1jaNplt4GZZP7vlLXpUpOMNjl5U5aHy5Krfeaq/mfN8tJc3kkjbWZap/avmVfu1knZ3RpKnE1dysv+1UkMi7drN81Z6zNTlkKt96tY+87tHJUi+h0OnyfvVX7tdJ4y/d/DDW/MZmb7P8v8Tbdy1x2l3G6VWb+H5q67xhcf8Wi1Fo13N5cKyNt/6aLuqqvK1oVRi+x4LDB8ir/s02SFY2/2qa0qx/VaiaT5tzVwpW3OiXkG1pJP7tTJbMrfeqvEvmSfeqx5yr8u6tUm/iD1Nvw/OttL5jL5m1l219L6FN5PhnTFkZWk+zruaP8AiavmDQ932yHb/C25q+itBkaLw/YtMrLJ5PzfLX2GUSdPVM+OzuPNpYzdWvZLiT5vmX+H5a5i+k3L/u1sancM25mrn5pG216OKqeR5+DpvZmddNu+81VmbatLeSLG396qi3Py7a+ZrVGld6n19BtKyIZP3jN/eavo79h24b/hbGlRt83ksy/d3fwtt/8AZq+bWfbJX0X+w9Ju+M+m7Zvl+ZvL/vfK3zV4dROS5rH0GH8z9IN+5m3fe3UVDG/+1uqXdXPGLe50X1tcX0oZfzpytR95qrllHoPmUROfWk/GhmUd6FZWo5OyEpJ9Qoo3KtNkuFX+JaapTeyCUl3HU1ttRrcbl+Vaa/nfL8v3v4a3jgaslexj9Ypx3ZMrLTvpTbfT52+ab93/ALNOkj2ttonhZ0Y6ihWhN2TG/eoX5flpdooXpXOk1ujf0HUlLSbttJ3ZrzcoqruWhs5pkk0ar96iORpUZlVmrop4apU2RlKtH7TJN25etM2j1pYYbp937nb/ANdG20/+zZ51+aSOH/rn81d8cBNq5ySxVOPUi/i/GiT5Wqb+z5I9yrJu/wBqSqssNxG21l3L/wBM6wngasOg6eLpy6jWfbTfvL81I3ekVty/LXG6ck7NHZ7SMtilqNqt1pt9Cy+YskLLt/vV+OPi7SbrRvE2t6XcL+8tb+aHdt+9tav2TVtsm5vmr4B/bT+CMfgfVbHxbZSSNbaldMt15jfLHI25l/76+atcPFRdmc1aXY+Q518lfu023+Z1/vVpalD5c/y/dpumr5dwrbd1KpT7siMb7HWeAvDzeI9fsrVY13f8tPM/hWvrPRtLt9N0WOGHaqxr97b96vHv2cdBj1DV7+/kXy/JVVj/AIv96vfrqBoYG/d7l215lZJ7s+hwdKSieNfFLUmmht7KzuNsn3pl/wBmuJ0vwTNfL5bRtGrfxbq9G1Xwi11qjXUjMq/xLuqWWePT12qu1V/hrnnW9krRNVh1KXNPUpaH4Xt/Dtq0NvI26Rt0ny03UvDaw28zW7bWkVt3+zTbzxZaIv7lmuJv4o4/4at/8TDULNttw1jG0fzfLVqUqsd7Gvuw0R5drWnsscysqszfLXB6pbrE0i/dkX5a7jxNL9haSO41Pa33dteY6rfQ+Y21maqjRcfiZy1Kkb2uUpEVmqHdsb+8tV55dzbo220kTNJVcrtY43NN2Rp20bXG3bXV6R4Qurjy9o/i/u1j+F7b7RqVrbt+7WRtqttr6j8F+Hre1s4Vj+WSRl3SSLWPvRV7nbSjfZHljfDea3ghkRpFVvvfLuasDxN4XutKt5vOjbavzLJtr6sl0mNoo90ayMq7axPFGnW8Phy8/wBFtd23y4/Mj/iaqpty3Z2VE4x0R8Talu8xmXdtb/ZrIlkZW216f498LrZ3m5YfJjkj/wBZH8qs1eXXUflzMv8ADW8Y8jPFq3vdkKtuf5qkaLdVWX5mqSGfa3zVdorY54yd7F2G1XbV2KFV+WqcN9HVvz45F+VqxlTctmdEFTWrLCoh/hpr6fHOu1aqidvM2rV61lXcu771OnDl63YnOD+Errpvl/K33a6WPTV1Pw/cRsq7pI22/L91qqwr5ldDpMSoF/u7q0SfU5ZeR5Ise5Var1ja+Y9T6pZrb6nfR/dX7RJtX/Z3V2/wk+Htx4/8RQ2dr5i7VZt235a9jC4edbY86tWUfiPQf2VNPm/4TyS68r9zZqu1o13bfmr7tTU1WTdu3M33q8R+Dvwpk+GX2iS3tGma6jWORpJN33d3zf8Aj1ep/wBkyXkas1w1u38XlrursngKsnbYhYqlBXbOpW8877tO83ctc5bXK6PP5MkjTbl+Vtta39oQmPcrL81cVTDSpuzRvTxFOor3JZLhd22nNN93bWZ9uVpNv/j1O+1/L8tcroVHujX2i6M02utq01p/MWs5ZdzVKs21fu0uWcfdkjSEovqWmmZl+YVHHUazeZ3qaORdtT7PldxuaXUfvX60zc38NV3b5qmXaq7q3VPmVjPnQrSstMb79JPOqfNWT4g8VWOg2cNxdeZ5bNtZo/m21kqMm7JCbhHc3Vm2rVeZvNXaqt81cbffFrwxpsO5b/7XIy/u7W3jZmb/AOJ/4FXD3PjbxH4kumuLRf7KjVtqtbt/D/vV6GFozpu8kc2Jr8sLQPblX7HAzN8qr/z0rI1PxDb6fC0lxMtvGq7mWRl3f98149Nc6ncR+XqOpzXi/wB2RttZ66Pb3E0jMu7d97zK9l4qMPhPC9m6nxHc3nxn2yeZpmlNeLt+WSSby9rf7S1z2mfGDxHp9xtvNNtbi1kb/lnu3LWbFZw2aqsa7dtSPHHMPl/ip/WpSWqKWGpqJ6dovxAsfEcrQwrJHMq7mjkX7tbf2plb5a8N03xGvgzWobh41khmVoZG/ur8v/xK16zpevWOp26y2d5DfK33Vjbc1eDjKkui0PXw9OMI6M1Zrr5ajWdm+61Zs10qyKv8TVNCzL8y15S1V2dUEkXo5Nzf7VSbVas6S8ZVpseqNRztbIqyvdlx5lVvvVBNN5n8VQNcLI26qtxOrL/s1bmmrWK0tdM0lkZvu0jXG2qkU26Pc1Ed0sy7lrPl1vchNPcuTNGFXbUO75g1V2bc25W+WpIvm+Zv+A1c6fMPma2JDOy/xU5Z/wB3tb5qryqsn8VRq275d1YOWlmPmfQsxzbf92mNP5bfLRt4/vVCjDd81HK2rJC9SwreZCzNSxyM0fzVArNM21aatxtXb95qUIWd5MPdasiRvmapxJuj21Wik2tTo5VjlZq1XMldMx0iTqmz/eq1HKrL8y1n+f50n+zUscqx/K1ZzqWV2joi+bYlaRp9y+Xtj/hpYeI221H9pZY2X7tU45GVlVqxjVu7IVRaXTLK1J5O6GoJJfLX/aqSzmZoW8z71byvLSRlTStdCR3LRsqr/q1+9Vrzl/u1ArRs21qk3Lt21q2krXEou95Ec3zNuWnKyxRqytu/2aZHM27y9u5aS4Xb91fmrOnTjU1QTnJ6EscjT/NQy+WvzUW7eWu2T71LdNG38LLTjKUJcpUVLuRtJt+61QtIqszM3zUf6uOqu3zG+X5q3lyXs3qZSjLqe1/6v5qnhl3LTYY/71TNHtX5a2cbe6hW7Ekf3qsLH+dQK3y+9LHLI3ysu2stI/ELm5thzR/3aPL96F/c/dXduqb/AFlJ2aujaL5dh0bfLt/hqOSP5t1SeYqrULMzNXOqd3YJWkrlhdqr91ajZd1OjHShgsdaqKjsYqNg27lWmsy1Iu3bUO3azNWmktSuVvYjb5W/vVJH8rbv4aaq7mqb/VrScH1CMW92QyfN91dtQ7VarSx7lPFQtHsap1ta44+5uNh3LVjb/F/DUax7vvfdqZdqrQlYPid0R/LupyKd1G3+9To/lpySNOaysNmlVf4fmo3bloZfManeXtas4ySdkRKOt2R7W3VLH940vl0NDTkyW2ug5l/Oo+FpzLTWj20nFlqKY9Tu70v40RxqtSMq0kmtxezfQZUi/dpNu6hl2rWmkhpSW4Pupu5ttOVqjZkajUl+8rIj8xVvLX/rtH/6FXwR+3RqCy/HHU4d3l7fIVl2/e/cR195srLeWqxrubzF/wDQq/P/APbSvFn+O3iWNmkZlaHasi/L8ttFur26fL7HU8+bUalkfOtxKyyf7NV/M8xqdNL5jfe3VSaba33q8266HYrLc14p9kdC3S/xVmRzbv4vlp3mLI33q2VSS3InTurpnQ6VJJNJ+7bb/db+Gu48cXHl/C3U41kjkbyY/m/vL5qtXnNjceU0e1ttbviDU5NQ0P7H/wAsZNsbLUVVKSuiadRwdpHkk+5l+Vdv+zQsbJGq1pz2P2Oba26mw7ZJlVl3Vy30sbx3ujO8xkZflpytubpW7qEdnJaKqw7ZF+78tZsUCt8u2toOw2uY2vD0caz7mjWRv71e9Q6hJPo9u0zK0jR/N5deJeHLTyJd03y/N8q16hHfeTYxxru3Ku2vq8vnFI+WzKDcrIr6pc7fvfdrmry83NVzUrrzd392si527f71deIm5K6M8PBRjqVZpWkaoWZW/wB5adcfdpse1ofl5rwKy+0z3KMWQ790nzV9KfsQ2azfGXQvM8vzNsjL5f8AdVWr5n8zbNtr6g/YXuY4fi9pXzRt5bSRr8v8LL/erOnKM+h6PvRjoz9Gfsv7xtq/xU2G0kk3bvlWtFlVZpP96nqu6vXp0Icux4lTEVIy3Kf2H93t+7TG0tmZv3zKv+7Wkqml5rb2NPsYLET7mYmlru+Zmkqx/Z8e3b91as521TvtQ+xx7mVm/wBmOqjRjskH1ifRiyaXbs275t3+9Qthbqy/uVb/AMep8Nx5kSt/e+apN3y1Xsox6EOvUfUY9vGq/doSNdyttpGbNLyprWwubuTt8y1SubfzF+Vtrf3qtHhaikXb81Q4xlpIqE5/ZKS2LJ83meZ/wHbSMfL+9V9Yzt/2ahksYpX+bc3+zurjq4OnNWjoerRxrgrSM6O682XbHG0n/XNd1WIoppm+75f/AF0rRhVbWP8Acr5f+zSRzMzfN96opYGEHfcVXHykrIrrYwr/AA7m/vVZ2blpc0jblr0UktEebzybvcVY8UrfLXEeJviZdeHPEkOlRaO12sir/pDtt+Zm/wB3/wBmrsIppJY0Z18uRl3Mv92tHCUdWZNtjtxpu6nBXqORli+/U3S3Eozl8KKl5Zrc/wATRt/ejqoukeS//H1cN/s7tq1p/aFZqXarfNU8tOer1OmM60VZme+l28cSr+8/3vMryL9qb4aL4/8AgX4ltYZrhprOH7fHDu3f6r5vl/75r2ibbXO/bI9a0u7hhmXbJuhb/wBmWolh6VrpWNFWq3tJn4w3iszKv8Srtb+9uqxYwxyLt2/Ntrrfita6fb/E3xTDYxw2tvHeyRxw2/3V2ttqh4b0yPU7u3sdzLJcSKqtGtfJ4hqNS2x9Jh7ySS6n1V8A/Dv9k+ALGaZY5Lq83SeZGv3l/hr0i80/zIFqPw/Yx2On2NjHD5K28Kqq/wCztroWiXyfmXdXzFb2nPdbH21JctPU831PTfKhmVo/L+VmrwvxJr0375VkVd3/ADz+8q19I+MFjazkb+L7u3+9/DXl1zoduvmSNGq/9s60hKP2lqYzp3PCrrxX/Zqs0ca7l/56VjXOvalrCzbtQmjWT5WWOT5a9r1LwLp+oStcSR/My7dvl7lrA1fwfplnYyKtov2r73nbdtdsLR95I8qrTktmfP8AqHnxzzRzfvpN21mrKkjkkk/2a9J1zw/NG0nkru/i3VmXXgm+Xc0PlyLt3VpP3tzk+ry6HGSQ/LUkFjJIu5fmrpbfwjNO23cv92ut0P4e3WoSxxx/Lb/eaTbt2rWcrWu9hxw0iP4Y6HcQKt5NGz/NtjX73zV9V+HtB8yO3kZm27d37xfmrjvAfw2bTfJWGb/RV/5abfvV67FAtrCsartVa4akn8j6DDUbK7KVza7V+Wue1yx+3afNbyKrKy7v3n96uouFkk+b+Gqzaat0reZuqaTS6G0420Pmvxpoc3mtHNatJbx/xfw/NXg/i/w/Jot8y/L5LLujb+Fq+wviRoCwNDCys3nfM1eKeL/DUeqWP2WSFd27crbvmrfm5XdHlV6SaueB+Qzfe+Wmuv7plX71dLq+ktazSR+WyrG392sySxZV+WuqL5lc8eVN3sYis27a1aNn93btoaz/AIlqRY2jraLcTCUZdBzM0Um7dUkd58y7vloW2ZlqeHTPP/iZazk4fMSck7G1plxujXdXTaTJ5jKqtXKW8LRKq/d211OgW7feZdytXHzTUrHUlzbmZ4ys/O1lWm/1MkKqrV9Y/so+G9OsfhXBqYbz7q8nbc0lfNXi63VrG3k27WVm+b/gNfUHwF8RWtt8I9Ft/MjhaHd5n8PzV+gZS6cqdmz5bMLqW2h7vaz7ov3fyx/3Y6esi7qwvD94t3YrJG25m+Zq1FZt23+Kvo+WEdjwfUkmgWcfNtb/AGarxaHYrIsnk7W/6ZtUy7qkVWauepRUtyueUNEx8dnDu+VflqSazh2/LGv/AHzSW6sv3qt1z+xhHoawrVF1MxotrU6OFv4mq3Iq+ZuqRtqqtZyw9Orui1WlF3M6Sxkb+LbUn2WRV+Vqvqu6Omq2371KOBplSxtS1rmfHZyNH80m2nMrN8u6rTXG37vy1yPh9/Edvrl4uo/6RayfN5kjbtv92r+qLoCxFRnRyWsjL80mV/u1i6h4f0+8uI2urfztv+1W/I7eXurgvHXiy80+RbGxXy7r/WSSbd3y1yunFKzNFVqPqch4k8M6Pp3iSZbWFZGVVZmk/hqSC48uNY1+VV/hqnBYtAsk0jeZJI25m/vVDc2cl0v7tvLZfu/NtryZWvZSO2PPJXkWJ5/O+Wq9vIqy+Wv3mojjaCNVkk+apobFId0n3pGrGPL9opxfLeJM+1o1VlqHZGqttqG+mmjVdq/xU0S+YtTOVnZMUObruVNQtWvoW+VZNv3VkrIg0yTSL63voV/fRtuby2210m5Y4G/vf3aoXCyeXuVvm/u1NWi3HU6qdTl3PT45ldbeRW3LIqsrbv8AZqxJctGu2vO/BevX0Oow6ZdbWj3fu5N33a9GhVlb94teXKDi7HUqiezCNWaPdJ92msP7tWNu2Vf+ee2iRdy7a55c52Rta5T+bbUbVa+Vfl+9UckdVBtbkpXI1b5abu2fdo202Rm27Vq/iOe9pDpPmH3qm8/dHtWqfnbflqZW+WsowUXdyNVJdCbcy/xU2Rvl+Wo5G+Wo1+b+KldXuhRj3Q7zpN3y1I0jMvzVEyrHTPO2r81c/tJp2aN+VSLCv/wGo1+Vv9qhp42XrUfmfNU8jbuZNJEzSMtN2szbabu3N96ldtv8XzV0Q5/smXLDqS7mh+WnNMzL8vytUG9mpqvtrR029WVCy+EtrdSfd27mpzSfL81VVfd92jzdv3q5Y03F3uaOXkWGXevtRF5i1Cssm35flqZf3m35ttdFTlauTDyRJDH+83N/6FU7SqtVvPWP5WpzbWjVV+Vaxk1y+6hSlrYm3bvu/LTl/wBpqrxyfws3y1NuXbWlLml8RSSauyaGRZN25fmqvcTfMu7+KhpF8z733qjm2+YtbTpu1kc9T3XdMdLG0Kq1VZJFRt1OnkZvm+9/s1XXczMzfL/s1VGK+0ZVbpXZ71GzVPu8xdtVkkXd96rVuy5pK9rPc6dVsKq/NUrN81OVFVqd8q/LV2/mRCbWw3duWj7opqyeTN833WqTasjblqHBIrmcfiCP5fvU5VZm/wBmhVZvmqZelRZdx8yvZDflVqjlZakbbUe1ZGqo2+0Nu3QkjXdH6VGzHbU3RaikjGau6+yMih3VIrfw1J5fy1Gse1qvVK5y8rTuiRpNq1TZ2eSrHltu+am7fm+7UOT6HRGK5feJI13L81Sbdq0fejo27lqLGXKuhXb7xpf4aG+VqesbbqeooxY35qcs/wDe+9UjNtWqvytWcvI3WpN51Oj3VDHJtapvMVmojOK3Kl5DmbatC/N81O+XbTV6UnKX2SPh6kn3VpoVttP8vctLtqo+ZrzK1w+VVoZVp23d96mttVaH5GcpLoNZqj205qFqY+7Le5L2vsVd/k31uzfdVt1fm1+1pqElx8bPFu5Y/MW92r83zbdv92v0b8QQNLZ7o/8AXRsrLX5k/H7Upp/iV4lkuJN032+SNf8Ad+9/4792vcjWiqNkjzlByq3seUzfd3LWdM3lvuqwzN/eqlIzSNXjppuyO/l7k8cu/wD2akX5apq3l1YjnXbW8KkjN2Ret7rbV2PU/wB3t+9WIsgWpI5au8pbsx5bu7RpzMLj/WLupi2dtCzNHEsbN96q/wBp+WhZWb7tU6Vtyvaa2ZZ+y28nystSf2XDH80carUay1YhuGarjRUnZGc60krRL2n/ALuRf4a1bjVGhi+9XPRzN5nytUk115f3vmr2KMnQiePOMqsveLMl00n3mqCSX+81VfP+b/ZqNpm3VbqykawppElxPu+WofM8umTP83y0K2771ebiKmlkz1aMUESru+b5q+nf2HLlZvjFoEflr/Eu3d/dVvm/9Br5bkZmb5flr6c/YevFj+LGhSbdsyrIzNt+98rVz0p+z1kdLjKbsj9NZP8AWSf71SZKj5aw21K485mVo2X/AHakW+kaP721q9mnj6VrHnywNSTubSNup+2sS3upo5NzSb/9mSp21Jmro+t0u5zyy+p0NGQ7f96q8m2RfmVWrNk1Rt9TQ3TeX/eaqWLpLdkrA1UXV+7T8VTa7Zf4ahW5l3fe20PGUVuwWCnLc0tlKqY/2qpxXm1fmoa/27flpfXaNr8xr9Rn2J7iby1+Ws2RmZt26nT3HmSVXkkrxcRmHNK0Nj1sPhY046lq1umi+825auW0yzR7lrLjX+9VizuFt127f4q78LjU42mzlxGD5neCNJlpgh5qlNfebJtX7q06Odvl+bNdMsdTgYRy+p1NBUIp2zdVL7ZIq0i3kir8rVP1+i+pH1GrHqO1a1t7preSaOFpIW3LJIvzLS/aoVX725qpTK0rbpG3NULK33q5amZKPwHVHAJq8if+1o1VvlZv7tUvtckv3m+aneVu+am7V3fLXl4jG1Kx6VHDwpbIdub71H2mSNdq1JvXFV26VzrEzW7OiVKPVDFuJPN+8zN9771fJ3ir9oib4W+I73SJP9MuJN0jfMvkKzbvl3V9G/ELxCvhPwTrOqqzLJDbttaNv4q/NXxBql74z1yaS7/0iRmbb8u7/eraGZVou19A/s+nUXNynGfEDVY/EXi691BoVjuLiZppPL+ZWZq6/wCDdm2p+JdOtWWHy45t26Rf+Bba5TUPCq6ftuFb93u/eL/dr139nGzjn8Q6n8q3HkwrIv8A0z/vVy1J+095m+HoeznZn0/pcfnqsm3b8q/+g1oSHy127dtV9M+aNZG+83zba0JI/O2140k27tn1NNSjujktU0vzm3NH5it/s1kXXhlpIdy27bf733dtelW+mtLt+ZVqzNo++Jmk+auOUpXtE6fce54pceHmn+ZfmWub1LSVmVvMj2t/d217TqunrD92NVWuS1XQ/tU38O5vvNXXGbkrPQ46lFPY8YvtHjk3RyRr83+z/DWJJ4f8lVto49rfw/LXtLeDmjmVZm3K3zLVuPwhZwbW+z+dt/ik+9XWppKy1MvZuO55F4d8BSTq011IqyKy+Wvl16Bp/huO3hj3L833fu107eH13K0a/Lt+7VmC127VaueUpSVmjaFNR2F0q2Zf9Z8qqtacjLMyxrUfls0e2P71OsbGS3laSb5mZflqJxkldnRBJFiOz3LUklqtrt8ynL4qs9LlW3m2+Y3zbd1U/EevafPF50c3mMvyt8tXB3Lbv0Oc+JsNvJY2t18ytHu/i+WvBfEFjHPI1xGvlu33vmrrPHni5mhZtzLtby18xq80vvF0cfzTNuVdq/u66vRHlV7y3Oc17QYbhZGaFmk/u7q5y68ONFAy/eXb97+7XfXVxHdKrR/Nuqxp+mx3MLfKsjfdZaLO95M8uV4qyPIG0trfavy/3v3bU7+yPO2ll+avV7zwjZySK32WPzP+ma1VbwbvVlWH5t33d1WtFdsx5XLdHB2fh7zfMj/2fvVp6V4SkaRVk8varbvu13Nr4aW2k+ZWVY/+WdbNtawQqu5VULXLKtyu5usOmcTb+E7dZ2Zo2Xb91f4a0YNM+zt92upnkh8vdVNvLk+6tONZVN0ROioK9znNYsZLnTLpY/mk8vcv+8tUvAHxSk8N+F7jS5I2mVpGkj+X/VtXSzxq0m1l+Vvlrx6WNbPULmFl+WOZo/8Ax6vdwNb2MvdPFxVJVIn6G/DnUPtegRyLcedbtt8tfl+X5fu12KyLt3bq+WP2O/FTahJrHh5pNvkwtcxx7mbc2773/oNfStvC396voZZo4q9keSsBGW7NaK6j/ioaf5ty1TVNq0m1q4f7Vle6RssBTe5fjuNvzM1Ok1Bf4az5N3l1HG26rea33Ray6l0L63jNTWuN3y7qpSN5dOT/AHttUsyTVzKWAjeyNKO7aNafJqC+X833qzlkpssgrN5nJ9BrL43u3cuLced96mtJt+b71Z+7bQ0rf7tRDNpo1lgaZo/aPlrjfFUaz6p5zbVZV2/71bTXjMvy1zmvWtxLtaNlb5v+WlCxsq7tsZPBwgrxMO4kWP71VGXc3y1V1aC+T/V7V2/xVHa3VxHGqybWk/vVhJ8pnyP5Ek0arJ833qarSfw/NVfULhovm8tv96qEl9eKy+XHuWripJClFx2ZutbNMv7z/vmo44liZl/u1VgvryaRd1uqr/vVoLHuXcy7WqXG4omWsm2Zt1XrWzkvlZo1+Wr1r4fW5kVpNrfN/q/71dBbabHbt+7j2r/Cv92sZVPZqzZuqbq+Rzui6Gv2yO4mVn8tlbbt213kUm771U44VjWrELf7NeXKpzS1O2lTUNyekX5WbdQrbqjkZvu1rG3Lobysxsy7fu1D833mapNrbvm+7Uc3/jtS7J3ZSi31GyfvNu2iOL+9Qrbfu0ebtX/aqJ2mrIz5eV3QxotrfNSM237tSbmkWq0y7K4PZuMvdY/i+JE7Mu2oGkqOFt1TyMvl/drqVJw6js+gxpNy/NQu2RfWmq3mNSMu5vlrCafNqyogy+XTdzM1T+XsX5m3U3ctbxiuXRjlFBu2tSR/epPM3UK35VUU47I5vaRTsyRm20xYfOX5W21HJJu+7T4d1VKrGp7ptGNveTHbdv8AFTt25f8Aaobay/LUPneTJUyjJK6M1KKkSqzN8rfdqZF2fxVUkuF27qWGasLSlsW5LoTTSbW+b5qa03y7m+VaSZvl+altp/l+Vfu10OfJHbUEubck81WZasNJ/dqqzLNJu/ipy7manHnnH3iZJ3siwzL96oo5t0jZpG+ZaYisrVbg7WvYx5XEl+Vvmbd/3zUNxKq/xU268xl27flqGOP7Q3zNtrWmoxXvSJlUl1PfY/8Aaq3bfNUKqrsu35qt+Qvy/wAVc+q+I3u/haHr83y1IsfzVJDGu2mqyrJt3V0xlzKyKs+pG6ru2/xULHVqRdy/dXdTY4/71ZuTW5CfRsbG22pF6UMvzU7d8tYy13GopbEM7fNtqOGHbJTm+/71YVvLqrK1xRbUtQ2/3qY2OaVqbtNSrdDVysKvSkZtpp219vWo1Bq3JtWI0Hbty0bfLWpFX5abuVm20krilte5Gsrbvm+7UisWWnNCrfNTVXbSUu5g3fYjb/x6hVapNq7t1LT53IE7KxEVZqjaHy/mqxQ21lqJLuar3VdMpfNu3LT45M1YWH5fmWo/sxVqlq3QTlf4mEcnl/eqbduX5Wqv8zfLtqSOP+KkoOPvDbtsSrI+3pT925ab91aI/mrRO4vUdt2t8tG3dTtuyo2b8qNeg3FIGXbSU9V3LuprVdxqKRTvWaa3mWOTy221+V/x+kmj+MHindGscP22by/Lb5fvV+p09urblkbau371flb8eNq/FLxnGrblXVZ9v/fX3v8A0KvRjFcl2c/MuY8ymj+VttUWk2/erSZv3dZsyfNu+9XJ7sfhNU2wWRmb5qMinR9qbyrUnJtWZGzuPX5velWRvu/w0xn2rUPn/wB2os/sl35iyrbWq1HNu+9VHd8v+1To2/vV2xbtdswkl1NZZt33akVmZqoq1SR3X8NdHtF9k5+V7GjHtVaZL81VUl8tv9mrHnR7dzV0LEK/LIylSfQSLdH975qdu3K1M8zPzfdWmrJtWtOZ9NioU47vcjaba1Ctuao2+Zqk+6K8+q4vU7KSaDcfOr6L/YpmaP4z6U0LN95l27v9lt1fOm35q+if2IVab4z6Q0dvu/eN83zbdu1t1ebUlpZHrUmkfpT5e1mqaFflqORt0jMv3d1PDba5oR6m0mh+1lpPLNM+0Kv3qatxuatOaUfiMbKQ7yd1WE+Vag8/atMW6VWrT2j7mnL3LbfLSbqhabPanL81XzJ7kEn3modM0L8rU89KzkC02IdtNZfmp+3dRt21GpRGzbaVF20rLTkVdtbKSW4uVEixrRuVaF+5UbpualddDXmVrWHNLToW3fM1R7Nq0JUtNmVyT7zU/pUTPtam+buahRk9x3CVtlRbtzU99u2o1+VutPmZWgM22o2b5fapmbdUbR7lqZR5i426ngf7XetR2vw4h035lmvpG/2Vba1fOvwZ0+3l1aVVs/tDbdu77zba+gP20vD8154D0jVI22x2dw3mL/e3V4n8GLVhfahcKzfdVlX+9XJUjaO59HhopxPQPHHgGy8R+Atbt47WOG4W3aSP5dv3V3f+y15f+zLo8cFprd5t2ySeWu7/AGdv/wAUzV7xdXSx6ZeKzfK1uyt/wKvHfgjYx2NtqrLJ+8+0LHt/2V/iqKdTlhZ6k1KMfaXPcNP/ANX8tWlmbzV/u1T0+bbH8tWVkXd81cTld3R3NtKyNrT28xv9mtXdtSsCzn8tvl+atq2m8yuuMeVc1jncexi6ppa3Um7c27dXPT6e0bt+7+78tdvdW67d1Y15bt5bNWEpOTudMW7WOaaH+9UbRr93+Gr1yvlrWe8isrfNtrWDT3J+Hcq3J8v7tZ0Fx9ouFjX5tzbam1C58lGb71YtnfLDMzbdvzbqutpG6Mo+9O60O8s7aKzhZpGVVX7zV558Qfi9pXhyJoYZl+0SN5at5i/99Vz/AMTviFf2uh3UNrukZl+X5q+IPFmvalfatMzTfu9277tc9O9VWkjPFV/YRsj3Wb482baxJcX2pt5at5ar96vRG8cR6v4cW6s79byzb5t1fG9jplxq95HY2sLXFxM33Y13V634J8PX3g6zuLO6ZdzNuZf4VrqlRhTheL1PLo46rKWq0L3jHxY140cbLuVW+7u+7XB32uRyblWRW+b7u6pfFmsKJ7ry4dzNIyr838NedTt+82t8zLRRjKSvJnNiMQ+bQ9i8I6l5u2HzGZWbdt/u16Fpkke1Vjb5m/hr548P6tNDJGm5vL216j4H1WSW4WFplZWb/gVdVkEKilE9bhs98a7l+arktsqx7V21m218yxbvvVYW88xaxlJR3NI3JJ7VZI/9qsa4tfLX71aUt4Pu1izysrMu75a45T5TZrszLvJmj+Xd8rVBb33kttZqdqEqr/vVmeZukVq1hFt3Ry1NrM15pGkWvLfGECweKp1Vty7Vkb/eb71emQyLt+ZvlrzvxttbxNPtVVVo42Vv+A12wk07HBNX2O0/Z7vJtP8AitoE1ncLb+ZI0Mn95lZa+6U+WWRd38Vfn/8AB2383x9oEcbLJJJqMK+Xu2t96v0AmhWGaTy12ru+7W7TZz8qWxMzLtptRq2akVqTuiglPy1Cvy1JJ8tJT0luxOyVyLzI1pWZWb71RzRbmXbSrbc1SaWzFFcyshY5mWSpflkXdQy7acqqq0+WTHZR2IfvNTPJZm+98tNk2xtUqszL/drJeZSdir5PzMq1BLAsjfNV1YyrUnkL96iMrbDlFdTn9V0qSdVaNlb+Hbtrl7nR2il3KzLt+9Xo8kKxr83zVSuLVbiFl2rtauqElJ2ZwVqfu6HB3NorR1HbaZDBGzbtzN93/Zro5fC808km2ZVVfurUcPh24Zds0fl/8CrvkmupwwVt0Y0Ntu/2a3bPRZpY2aRV2r92tO10W1gfzGj3Sf73y1oMvzVyTq8uzudsKN1dmfBpawrViOP/AIFVp13R1XZWirkbdTobxpob9m3Mrfw1MvzfL/DTt21F3fxVC0vltWdo9Dbl0uO+WP8A+JqPzPMfbUm5WqNW2yfLWDv0ZFhrtULNvq1LtaqskStWkWurNelxsd15bfKu7/gNRbuu75aGj2Unlru3bqpThJ2sTqSb2VajbdMtSLkr/s01t0bfLt20rcuwc2lhYl2/eokWntuZN38VQrub71Ye0knyyEpJDPM+bbtqSD5jmmI25GWmwwtDIGX5qa952aLUmnckkjZm2t8y0xtsfy1LLI38K0xW3L8y05abmftW3axE37v5qXzPM+ZaZIrf8Bp6yKvy1rGTkrGU7dSH5t9Wo/3cdQqrN95qkVf71Yezad0y+lkx27bUTR7m3VKzK1MVdvy1pBSluxQTW4rR+WtMVf7tPjk3U5vmrSV4q6FK0nYjfduXbUsa/wCzQzxlfu7WpN3y7anccacpO7YrTLHTI590lNaNZG+apVhj2/dreHKiXo7Eu3ctIrqtC/3aZ+7kb71ac7irMLRtce77kqq0e1t1TszRr8q7qikjZo9zferLl5leKOeUr7M+hbeNWbduq2zRrt/hqnbp/D92rDLs2rUa9Udb12ZI0zblVfut/FTli2/NUka7lqWn6ESuMXdtpyov8VLSsu2lJu12OMl1G8KKdtpKXcazjtcWjdmxKKRmVadu+WrTbJqWj1I97f5NCs235vvU5fu0bflrO7jLQjndrMjVmqZl2rmo161Msm9fu1q9rlNpK6G/M1R7drVIzbaj2+Y1RCXNuxuTtdEjGjbQq7aG61fMhqOl2NWnbacyfLTKFfqS+VdQpNtG0VIse6odPW9wWg1fmqVl+WmKrK1ObpSWrsVeJHtXdTo2Wm+ZuanKuWq35EOKjsP8v5acke1adtZVpm6oStvuXFvsR7fmpzUqr81LIu2tFbqacxGsbbd1Nb5qcrH7tHl0NPoS/Ipz/wCpuF+Vm8tv9ZX5U/GdYZvih4y+9uXV7n/0Kv1W1Bo44Zty7ty/99V+UHxZkjn+KHjS4jbzIZNVudrbv4fMavQSfsrNnCv4h57efu4W3VmqzfxVoTwMzH+7WfIv7z2riszraaV0P3Kq/NSMysv3qG2su2mLDtqbc3QqMn1EVWkWk8jbT1kVadu3fdNaxiu5nKL6hHtVaX7wqOnx/e+WtHdqyI9S2n+rX5ttLH1qs67v4mqRZfLqo3tZk2RZ3bloT/aqFZNy/wC1UfnNurphyJXkiJPsXPM9/wBaPu1VaT5fmpFZm+apeIktAUXJWZOys/8AFtqWq3nL8tWFZdtYP33dG8YyiL935q+kv2Ktq/GXRF23E/kyNt/efKu5d3/srf8AfNfN33jX0N+xTJcQ/GzSGX5o5JG3NGv+z/FWNX3Y7HdQ1dz9NGjVZJNq7V3Uy43bRtqzP/rZOP4qhZdy1zU5PsbSetmVYYWVvm+anND81WIlxUm35qUrS3LiV1td1OWz8tasbvmo3bqmNjSUiNYF24qVVVKTbupavm8jF6it1oXrTfM3UbqTujTlsrj9tMVtzUKzU7aaevKTzIJGWq/m7Wqwy/3qhaNavlVrvUrQUSsy0eYy05F2rSNtoTSB6K4m5qeslN2inKm2qUkyXFWuNb71NVVZqk20Ky1ehHKiORV21DvPpUhk3NTP+WlQaWQ6kb7tSfxUNHtWolLsV0uzz/406D/wkHwz1e3VVaSOPzFr5s+Gtr/Z+j3jf8tGm8tm3f7K19gahBHd21xDcbvJkXa1fK2n2c2j6hf2syr5i3DKy7f4lrz6nN2ufQYKXu2uYvxG8aL4etY41kXzmXctcX8GNZ86TU2maNZpG+7u/wCBVzHxz1eSbxhcQq0bNG3k+XGvyr/FR8Ir6Fdaa3kXa0ir826tIq0dEKtNKWh9JaXeMqq275f7tbayrJtauL0q4ZV27vu10tnNuXdurnkuTodVOV1ds6OzlT5VrTt5dzViWbbo938VW1naOpTfcfWzNppFZfvVk30/yt/dqxDLuWszUNsm75vlqWk9tzWKRh6ldfM1YNxcbWrT1JV/hX5v71YzwNI1OnBt2kxuVyjcq1y392s7xDD/AGd4dvLpV8ySNV+Xd/tV0ccC7fmrJ8QrDdaPe2sm395Ht/8AHt1ayg4/CZbO7PA/iNq7anaqqx+TIq7ZPM/iWvGl0ePVb6G1khZlkbb+7WvZdf0m2eebd91vvLI1cky2/h9mmtVWFl+75daU9Vax51aXM7tnX6L4Z0LwvbedZ2ccMjR/NNJ8zVwvijxHcyySeW22Fvl3f3qo614o1C+X99cMyqvyrXB3moXX2hWmmZlX+GnyyWqehxyrqPupEep+ZPPIzL8v8NY01pHJIzN96tW6uvMXaq/erKkMjNVKTZ5tSpEu2cccTLtr0L4Y28d1rs0knzLDDuWvNreNmZVZq7jwP5ljqkbeYy7l21pzdzWm+Y9jjl2/L/DUy3Pl1mxXG6JW3VFPfMtZu73Oyy7mj5jbuvzVQvLry22/xVVm1Paq/NtaqNxdeY2771KUrx0RTjGKu9wvJvu7qoTP83y06WXzG96r+W3mU6Uox3RhKSkaNtJiGuN8VN52tbv4VhVV+aurSRlWuQ1iZp9VZlj2x7dq/N/drppyjKWiOOdo7HbfAzT4NQ+KXhaPdtb7Vub+98qs1fcqyLI0m1vM+b71fK37J/hRtQ8QXuuzLH9ntY12rJH/ABf71fUtptjj210ud3Yw90sRDb96nMy7abuo3K1Erk2iNVvmpv8AF975ak4qNmVazeha1G7VaT/aqRtqVHH83zU7b81Xpy3M+th2/dQsiqvzU0/KfWoW3TVnGUrWCyHN/fWhZlYU1I9rbWpdix0kkneTNlZjvmanq21aa3+r/d0iszR/NUykr3WxlLeyGzSK3+7UHK05m2rtqP8Aipwnd3HyeQbf71K22hm+Wmonlx10Oq5LlQnFLdBk07d81Mb5qdGtc7UU7tGak72QjLubdtpWp7fvFqNl21bm+XQb02HNtkX5qptJubbt2rVpV3Lupskas1YXctytepC67flWjy1jX5m+aptqr81R+X5y/NQqdyFG+7I2ZahZ23fL92rEieXHVdm/hrT2cUrovUhadX3L/EtRxRtJuZasbVVt235qc0nmLt+6aIS1skD116hCy7ajk3bqYqtC3zNupY9zVpKJL5luiSN9y1FI23/epZJGWom/eNXHOKTuHOuo5flp/neUvy1XbcrLtqRmXad33q6KclazIlIFmaT71I0i/dX71CruWhVUfdoU4zdkgvpZjF+ZaRlVW+anR7YWpZY1ZNxZV/2aUbxd4jlH3boY0m5vloWSmuqrTd25v9msmpt3IjJR+JE0km77q1G1xhttPVloeNZ5F3LtrWFKT6i9pfQbE21t1TrKsi/d20ySPa3yrStC0jL821Vq3HS0jXniDbV+lEbK1NkjohTd92r0irIzlKcleJNHGzfepYlqOORkbbTmdt3ytWa5vsg+ZK9x0iqv8NNXav8AstSS3Eke3bHupskfnLu/iqn7ysw5rq0hVZmb71RySSM3rSxblZt26nearfdrqpRcFrqjgrLm92B9ERL/ABfdqVWZWqvDJtWrUDeY22uZSUtzqknFliP94u6hWZX+7/wKnKu1ak+6tW+VK5a12Be1DtTd21qkdN3zUlZlyS6sa0ny7aZSrG26hlxUSFzdg8vzKPL2rUm1ol/vU1mZv4aqKS3ZMosZSzbmVdtMbpUq/NHUSaFG97MjWNVFORvmp0cW2mbfmpJ2LkhWXc26nKvFHl/7Xy0Mv3amKV7sV5AystO+9Ttu75ab91qrlE9OojSUjJQyruoB20KM47GXS43aadH23U7bu/3aXYqrSkyotiM21qG+f7tNaNqaqtuqG7RNOVjmj2tT49q0NHt+9Tl2rWkdrjHM22okXdSsu5qFj8tqh2YX5epIveneWWqNWbP+zTpJPlo90ItkfyrSbfloX5qN22tY32kVocp421Saz+x2sK7muPMZfm+9tWvyk8RyySapqTXEXkzyXUkjR/3fmr9SviJdQrqekK0nltGsjL5e35vlr8q9XkaSTzGabzGZlXzK72o8lonJFqUtDC1CZYY927bWU0u7+H5q07y2G3czVntHtauRxNXJobHTpFb+Gnrt20fLQo2d7j9oyr5Um6p9vlx05eM02T5V3UpR7I0bi+oypVbb2qCOXNKsm1vu0KVupHs19osM1Qs277tDNup+0rVe0V7mcoxlshI22r81OWRWWopF3UJ8vy10c/MrGai0S7vl601W2tQrbfvVHLtb+Ks1KK3NlG25Mu1Wq5G25ay41Zvu1dj3RrWTlreJopK1mW45NrV9GfsPNIvxs0LczKrTTrt/hb5a+bUbev8Adr6K/YfgW8+NejN8zLbyMrSSNt+bbK3/ALLSnJqOp20LRdz9PA3lytubd81Oba33aHj8yST/AHqFTbXKmmbzi73COmyyLHRt206SJZFpypxte5lcq2+6Vvmq1tpsUe37tOYVFNr0NXG47btpsi7aevzLS7RXSSrrcgVdtSr83tQy/LQq1nZ3uDt0CRttIvzUv3qfSegvhGMu7mhY9tPzS7quMtLIGrjD0qJl2/NUzfdNV3bd8q0noCuiTd81PaljX5aGapjYqUhrfMtQqrbqlVtzUMvzVasjO5E0dR7fmqxtpm2qVpblaCMu1d1NaTcu2pKYy0rJbDWhHt2tXz58YNF/sLxfJdRybrfUP3n3futt2tX0E3y15l8ctBj1rwzb3C/Nc2cjMvmfw/LWU5RW53YWo1Pc+N/ip4N1HWvFVvcWCtcfbm3Mu35VbbWdBpk3hPUFtZlb7RDtZvL/AIq9LsdekaPbMvlyR/7X3q848eTXU/iqS6/1asq7VrCnJt2R6GJkt4nf6PrnmKrbm8tq7zTL7zP4vlWvIvDMbTQLtkVo1/76au6sbpoWXdIy/wANZ1I825NGrbc9IsZV+Xc1aElyrfLXIWNy3lruatCPUlh+9RH3VZI9GlJy3N/7Sqr8rVRurnb91qoLqDNJ8v3abLPu+7Wc4t9DSUnHYhu2aSqcrR28W6RttSTSeXubdt21534/8SrDPDZwzL9s+VvvfdWiNOcuuh5tTEShsy14i8ax2v2qGNvLaP5fM3fLXnc/jS6vFkja6Zvl2qv3lWuN1LXlkuLhY5Gb958zSVo6LZqtn9qvpI1VvmX+Gu1w5Y+8cKqzruyZX1KC4uPmVmb5vvVlXWkw27f6RdKzfxR1V8Q/EFrW6ks7GNVVf+XiRd1cf/wkMnmSNJJ50jfxVpHa5zyjZ67mzqGn6dLKqrDubdu+81ZF94L066+aO4uLeT+78rLUa6lu2tu+am3WrtGm5fmqdRWUtyjL4Xt7OOSSa4aZv4f4axrqC3j3LHRfanJMzeYzbqzJLpqUebqc8lTkXbO2jkk27q6fS3W1mVmb7tcTFdeTJu3Vq2useYqq3/fVJwj9ozSa+E9MsfEKx2/l/wDj1TNqvmrXmMesSQzN837tqu2PiXc0fmNt+bbUyj7uhrCo72kd2sm771Nlu127VrEt9V8/+KlmudrfLWPMlodyV1c1FuVVfvfNUy3W2Pc1Y0UvmVN5rMu3tSjvaxjJuOxZurxfJk+b5a5d4GmikZW+6tad025dprR+H/h+38SeMtKsZl86FpPMkWP721a7aajHocE5tn2F8G/CP/CI/D7RLeTb9quIVu5vl2t83zba735t1VYVWOCGONWVY41jVZG/u1Ks21q1u5GHKuhJtZW+9UiBY23Unmf3qgaRqd5FxXYsrIrVBI3+1RD80lNkXdJ8tT/iHcd521fl+Wplbcu7+Kkk2xx1BHNtWpi1exMrkyszNTnbbUcfzfN92pWZWX5qbXYcY8xGysrbl+anKvmLSr8y/wCzTo2X+H7tcs1NbFqyIY1aNt27atEjfLTpV81lVaJF8la1g29JInQqNu3UqrupN/zU9vl77qqPLGWxpGSkNVd1TNC0irtaod2F3VNFNWnKugSkxjLt+XbSxqufmokb95TZI9vzLWesnYwsDBf4aa3yrTJWbb8tNiVm+aRqm7i7FImt52jkZW+Zf7tSzbZV8xVVarNH+83VKs37vb/DT5k9zLm1sQNu2/N8rU2PDNxTZ5d7fLQqtGv3qFTvsS1JEz7WWqvlrJUjbmWoWkaNquK7lX7sa0W3+Ko2/wDHakmn/vfLULfNVaR2DmfQF2yVYt9q1X8hmZV2rtqZV2ttokpSdwjNv4kRybWlaopF+b5aldfmqFv9ZWTil5lOKluNmj27aeo/vU2abym2tUcSt97duWokrqyFzcrsO2srVJ5O5d1Cs27/AGak3bo6VNSirpEScSltZWpzNuWnqv505fvfNW3wq7KbTViJl3LSrbbo91WNyv8ALTGZvu7vlqPiV2CirWbKrKy1Kqsy/wC1UjKvlrUW/wCX71OEm+otLWRLHPu+Vlao7ido9u35qbD8zfxU6daic4S91CpqfUIHWT73ys1WI49km35dtVI4vm+b5anki+ZWZmp00+hU5ShsTSrv/wB2ljhVVamRtUqsqrtaujm5QinJXI12yK22ovtDRybfm+anxRxxSM27av8AdprTKzfu4/MpadzGtJ2shd21arE7v9Wu6rMm1du7+L+Go2bb92umMmlbY46d73sfRsUarVqNmX+H5arxLub/AGatJ2rPlTdz0ZRRIqtto2tupy/LSs26olBmUbWsM27loVW3VIq/LSrHuqVdGySSuKvy/dpv32p8Ue3dupdu2i/8wLX4Rm3bQy8UN81Iv3trUpX2OebadiMfeqVm2rtpGX/ZqNm+ap06FK/qOXd+FPVqev8Aq6RdsbU4oJPW6Yku56ait92rG0SU3y/m61Rrzu1hir5f+1Tdu5qkaOnMvy/LWWr3Mm7kG3dQqU/yGpyp5a1pyogZ/Dtp33l296RlVf4d1Ebbal077GutrjNzKvzUo+7SOu6nxruWs5RtuiYtiNHuXdRGv96pai37W+7VuViuXmJtpqJvmanK1Cr96snLsi1FIjprKzU7oaytY8TWOjr++mVpv+eMbfNVP3VoiuVy2NSP5VpHXctcPB8ZvCkzyQ3F61hNG23y7jbXY2t/a6hZrdWdxHd28n3ZI23LRFSvdoJRaiee/E2ZYb7TI7iSOPyYZpt3y/3a/LXVpV8v/XeZIrf6v7u2v0t+Ot2q6rar93bpk7N5i/7NfmZqXl3Dedu/eMvzf3d1enPWFrnnx92RlTSLt3N96s9m3fWrF18q1RSRVrl0juzpTbJB8zU9olDbqRd27dQzbq0jZENN7jvM3LTd38LUL92nM3y1XtlFWjqW0+hWZfKfd/DT1j86nyR+YuKSP5F2rWF49S7rqNaHa1Sbty03zG8z/Zp20elLm8gT7EbN8vy09V3Uu0UjMVq4qUldGXO4uzEkX5aZJHt20sbeY3zVJt9qSV9zS8SKNmjersLeZVddqtVyDay1qlygtCZY/wC7X0P+xVHJB8bNA3SSeWsnzN/yz3bW/wC+q+dlZt6qtfQH7GfnSfGTRoY91vJHdeZJ5nzKy7WqKtuU9LDtXsz9SGX9438PzfdprdadJIzTSfL/ABUVwxHVkk7Iaq7aTb8tPorXl0vcmEWyGJGWTdU9Io29DS1ELJ3NZRbVhV+9Ttvy0Ky0jfMKu/MTfSwbRt6U1Vx9aTmiruToFKq7qNtOX71IXKIy7abu+apZFXbUccdCvHZlRURJPmXpVdV+b3q0y/lTWX86TV9y/mNjanUKv50rKPwqb8pnZdBPu0ynMtJ92m5Jq0RKPcNrbaaq7Wp60kn3quPNaxUoq9hrLuoWPbT0+7RwtNqxPKytLHtWsTUo1ntbiNlVt0bfLt3Vs3jfLXPahJtb71YzlJHRRgou6Pmx/D/2PVLy4m+Xy9y/vF/hWvBPipr0l94h228LRwwxtHu3fMzV9OfFzw/fzR3E2lWc10s0f3Y9zbW/3a8H/wCFF6ssN1favdfZ2+aRbeNdzN/vVjT5oy5mz15crhYk8GTLFa/Mvk7o922us0+Rbxt0cm5Vrzfw8zQW3lsvyq22uv0LVPK8xV+XdRO8pGdOGl7nolnIsdsq/wB2pFn+b2rD03UGlj+992rFxeKq7mrjk5bI76bj3NRtSaNdu2rKz7UrlG1Isy7a2rW4jmtv7rVsm4x95jnJPYzfE2oKun3U0zKsMK7q+cPHGp3EniC4voZv3e1fLjk/3a9+19vNWSNl/dsu1vM+7Xz3448yW8kVofLkZt23buraLn0PNxEVJXOKj1dYpPMuGaRd26pfEXiy4nsY7ezuGjjVdqr96p7XwLfeIWWO3kjhLfM0kn8K1uwfBdoWjWa/t7qP+Jf4VrfR/EzzV7SPwo8yaG+1edY7eNriZvvLH96uh0P4c6zqSwsyeTH/ABNJXr+k6HonhWDbHb2sfl/8tqp6h4ot0ZWj3Mu37v3atWib06bm7zPO774e3tmzLDdQ3G1mXbt21z2teG722k2sq/d/vfLXo2q6959y3zbtq7q5q+1Nbr+JW/2aOVWujV0uXY4eLwrqVxBHN9n3eZ/tfKtD+B7pVZri5hh2/wDLOP5mrrZ9YWztv73+zXO32vNPub+GspT1sc3sUczPpkkTMu7d/tVRjZoG+b71bMl15jMzNVKaHzmZl+ajmt8TOSUVzaEbXW5ahhkVZt1OmtWjqu6tHRFJu5FQ6nSdQ2rtZvmrdhn835t1cfoq+Yy/3lrpo/kj21lU5eb3TSlKT0bNJZNvzbqILjb/ABbqo+e33f4aN+1famtFcc9PhZauZd7V6j+znZr/AMJk1/GsbTLBtXzP4fmrxuS8Zo/7tet/sy2d3N42ZY1k8lV8ySTb8qrWtOPMrnFKSvY+xIpPMZmb+9Uy7WqrGyyL975qmWNttXGUouyRdl3Hs1Ea7m+am7aVVZq2cpstNLYtRxf3WpJ0XduVvmWq+5o/lWnRRs1TyrqKw2X5qRY2/u/LTv8AVtViOVWWps47Cb7lRWZmq15O1agVv3zeX822rb/w1o5Re5UW7ELfIv8Aep0cixrTV+VqlwvtS5o9GF12CPtS+Us1G3ctEfyGlKStaIlHuQNbrG21fm/2qi8vyqtNIrNtqOSOouuo1eOxVpY1+ZVqVVVo2/hqCFWjb726lzq9okOyLTSLG23bS7o2jZlaoW3Mu6mK275dtWtBWHM235d1NUqwqGZd1EbeW21qhXYlCxIq+X/FUciqsdSeV5jbqFXatW6bUdCmoob5asq7l+amupZdrU5n2rTY5vMb7u2s4RaVzKXkSN8sdU2k3f7tXJvmj/vVV+VVro5Va6IjJ9RvystR7Vi/i3VNt+XdVedWauWUpXv0NulxqsytuVty1I0n8VR23yr8zU5pFf5d1a83u6Favcc3zLuqJY8tR8yrtpUrkndfExOor2uMkX/pnupqqtTNLudmb5qpTNtkbbtralte4aE33vu09WZV+b5qiVv3dIvUU3PldiZQdTYcsm1mZqJJPMX7u2lWEr826myNmsOaUtbkOKgrMVZPLX5qPvCmyIzKvzUscfy0QqSva2hUYJe8NkX5vlaoLjau35dzf7tXFZY/vVBI272rVzcPsg031JYvlVaZIrSSfL96m7m2rUsLMzbaz9tzfZHCCe8hyR/N833alWRY2+6rU1ofNjVf7tJNGyt8tddKLl1CcYw2dyCbcq/L81Tq3mRrTo49q1Ese2TdVyjdWFaXRkrRfLRD+7+6tOX5l3VHNJt+7WcKcFHzMpvuNZVZtzfepvy7qjbdI26jb5i/7VdUKqirSRlz8vwn0tbyRsvy1ZiWq8Ue77tWFH8P3aylFxdkdN13HNuXbtX5ak27flqNfvbaezbqrm0sZcq7ifMv3aI2ZmbbT9uVpsW7+KocWhqVlZDlb/gVO3M0m3+Gk3bf4aVW+XdWdpSdwjccyKq1Ay/NUu5WX+9TVWtIzd7DVpbocrbY6i8xW+ZvvU6SLzG+aoVs9sm7zGZamdlsTeK2ZaXayrS7VjojVdtG72qYabBJx6Dt22nL0qFm3VIrUe9HciJKrbaZu8xqG+ZaIVpp32NZOysLupshp+1V7UlPlItEbuNJt+Whupo3bhVJ2Ic3sRyL8tES06OP5vmqRVOawneXUuCSBvu1Gy7lpx+8tH3qmLtuXbld0NjX+9T2+5SFNy0rbY19K1ckgUrbmL4g1L+y9Nmumb5Y6+T/ABf8Ypl1S6mt1VlX/Vr5nzV798afElx4f8L7bdljkuJPLb5d3y7W3V8Cat4kjnubyRZGaT5trSVqpQgrvc78Mrnbz/EB7ptvkxrHJ/rPM+9ur0T9nf45N4f8QSaFqMkK6LeSbVbzPmjk/hr5W1DXpPtDbmptv4gWxZpo2XzGX/gNc3tOd2sdFaMVE+6/2lr5nktmtW+ZtOuVaT/gNfnJc3HzNuVlj3fKv92vo/xJ+0BDqHw+jt9Qjk/tSO1a3juPlb5mi27q+Vp7yOZY9rK3y7d396uv7Op4XKuYdebf4aoxwru/2qsbs1D5n7ylyrqa69CTdtqTbuaq7LuWnL8q0lBF3J2WkpUk20q7WapSV7ITVxn3val2/L81FNaT5q3a0szB6Bt96btFOZt1DL8tKVmrWLjO243duY1G3yttqXbtpjLubd/FWUea1kW7PVjfLG2hflXbTWjzQse1qS5mLlb2JFj3N975amVtv3WqOP71TJHuqlK2xUU9mWLfaq819BfsYy+b8bPDzM3y+c0bf7Xyttr55Rfm219Bfsas0Hxs0D/WbY5lX/Z+ZWXd/wCPUqknynZSsnZH6nS/NLJ/vUzbSsrLNJ/vUVyQ1NZ3YtIuWpdxpq/K1arzHFg1LHH81TKD6ZpzfLU8utxuo2Q/LuqaNT3oG1qdWiikStRrL+VNVdtSbfmprKtU23sTYYqndT9u37tNBKt0qSpTtuUNZdy03b8tTbqjbrTi7bo0i0K3yrTD81G0VHuZaqTBeYv3aP4d1Ju/zihm+WosVdWtYbIzUzduqT7y0irt70uVLYxEUbaay7mpzUL0qzTlYtNd9tK3SmOv96o9BqakrMpXbblrnrxtsjVu30n7tlX71cxqRZfl/irFwle7ZvF9jNu5m8ttrbf9mua1NY2ika6Zdu370la195m1vm+WsO8i86Pa33a5pct7Nneqdlc+XdetV0jxBfWyr8vmNJG395Wqzpt0u7b/ABVs/Fzw82iakt+s0c0Nw2373zLXG2F95bK33q0bUFds5+fsd1a3nkbW3fLVj+1Fuvlrk5NVZ12x0kN03l/e+akoSkro1hK50sknlt96prXVNvy7vlrmJ7xmX5mZqm+0fuPlrGUbbnUrvY29Y1BfscjN8y15N4sj867WbzPmZdu2ur1W+3Q7Wb5a4zUZFkkX5ty1MXbZmUoq12XNBjjhXzF+8y/eq5eXbK25WrLjvvlWOP5VqhqWpLB/E26qjKV7MISurmfrl4stxI0jM3+zJXH6vrSxSNt3blX/AJaVp6m3mSN92uT1C1mZ23L8u771dM5XVrnNOUn1KN5q7NIztI393bHWPc6nNKzNuZV/3q0Lyx8tm/urVCOz86NmX5l/vVaaWxyTk3sV5tauJW/eSM3/AAKq7XjM1XJNLZtv3dtQ/Z9jUWZye91ZCs3mNVuCRVXbtpiw/L8tCxssny1nyp7ml30Jpdu2qcy7qutHuqKRdrV0Ky2Mp67kujN9nfdt+9/FXTLOJI65q3Y1po3y/LUSSvoES+jK1NkdV/3qYkirHu/ipqyKzbqzjD3tdRykrXLel2balqFrZxxs011J5KrH/tV9ufDnwda+E9L2wbWWZV3Nt+bdXyr8EdBXxJ8SdMt41mZod0knl/wrtr7U0vT/ALLBt8xpP4v3i16fIlE8y6lLYsQw/N/s1bVttCrhfmptTLQ6o2ZKq+Z92l8ht1Ct5dSfaGWpUrDaSHeWqr93c1L5nlr93bUEcjM26iaXdVSl3RPoRyMzNuoX71K0jbduKXd8q1Lk3siyS32w/LSXLN5i/wB2gR5+alVv3m1lo937RmroI903emeY0clW42Vf4aqTMrSVDUErmqd3Zj2nwtWPNVo91QNCrbWVqkx5cfyruqYWvqW2kNWTd91aJpl2/wC1UW5lb7tOk2ttrVxiiHJPYjaY7dtMUbqbIn7z/ZqSJeKhKKd7Dklyir8qsu75aSGXy6k3L93bzUL/AOzWLpq9yYpyVhzbaj3fNS0nl/8AfVVGStZGU7wHL1pKRlZY/wDaobdt96nlle5cbdRrf3ahkVo1+9TpGbdtaneV+7+Wjna2QWGrJtj+ZvmpsarI22q+2Td81OhVmbdVx9psRyp7hLJtbatNZvlp0ny1G+6h1JJWE4wW4kUfmN92pfKXdUasyr8tO37vvVEZc26JlLS3QPLX/eprRs1O3qv3VqFmaP8A2q0dO/xIzg9bISSPy1qvJH81T7fO+9TPJ8uTd96slTszZpsj2qvy7WqaNtse2hvu05P9XXPUpy5ua5opKKsyKOVd22n/AHqjkVV/2aYyfL96iPMt9jCUeZ3RNuVdu5qJpPL+7SQrUczbW+9WspKPmO7tZDVZt1Ekfy/NTUZpPmb71SPvZa0Vpx3Kj3Gxq0jKv3VqxHF5bbqbDG3l1JGvzVtTSjujNyneyHb2VqVWaSkWSNaVm3LuhZVrSVSMdtDSMerQ+OFv+A1HvV2/dtuWp0k2xNubc3+7VWKPy5GZV+VqnW10aq/UfM3y7Vqt81WPvNVeZlWNv4f9qpj5HLVjHpqLHuaNqF+Vadauu3726mTyRt+7Xa1UqMqjtc53JQXLJH0tEqrViKFV/wBqoUbbHU1vukX7rba1v/MzZRk+hIv3qbu+apGX5aNu37tRJIpR+8fHQy7aWkZfl+9Q2mrI0t3Bm3fdp2G8uo1ZVqVdzLWa89RWYxI6dtoVfl+WnbdtU2mZOPL7zY1vlWjbuobcy06P5sVUKdndsx0kRs3l/Kq06Nd1DH5vloVttTJq9zRRaFaPb935qRF+b5qk+9UfmbmqG1LdlKNx23bT922ot27/AHqPvMvNaK0dhLTYkYcUL0py/NUZRvpWcpdgswkpsdO2/LQq7aklxu7sFVvwpzN5dKrUjMrUO8vI1jpsH3qazeXT6ik+as0leyLWvkNZ/m+9TZpPNXav3qGWq0235WZdy7q6YRj1Mpy1skfNH7SHi6RdauLeOORobNd0a/3W2/M1fFuqXTR3Eis3mfMyq3+zX1P+0lHfQ+NNZg+zr9luFjkj/ebW27fm/wDHt1fJ3iS1jgZlWRl2/wAP96sa1JS3PUw9TkjqZF5Isk3+1WfPcKvy0SyKoqhPNtWiEUip1pN2IdQ1CaSDyfMby1rKZmZvlp1xJJ5n+zULSMzfLVxvI4Kly4s22Pb96o23UsSfLU3l/L81aSbjEy0Gx/MtTrt2/NUcKru3LU2D6VMW5KzFyvoKqrTWXc3y0SNuX5aIrjb95ad+XYtRvuLt/hpZItq/7VRvJmTctOWTc392lZhKKHQx7fvU2T5aczL/AA1G1dFocupjKL6Cqu75qiZWWndvkqB5W30lZK407D/vNQrfN83y01G2/NRu3/LWfM+h0RelyZW+WpopVC1X2/8AfVSKny1HP3QSbvcsLtZl2171+xw0KfG7QI5JlVWuY/3knzbW/hX/ANlrwGJdrV9EfsY+TffG7w1ujVWjba3+0y7m/wDZaUl7u500ZPm0P1Omb/SJPXdTGbdSScyyf7zUm0Vha6u2bSbHr1pF+9T1X0pqrtaqjENSWlb5lqNe1HzbqpSknYy1kSLHtp235t1C7qbj5vxqndhZg27dRt3fep2RR96i5fKMWnr0pu3bTqaLCmlflo+7Q27bRYRHu+XrTW4py/NQ3eod+henQjpzfdoxu70N1px93c0V1sCimsyr0p9Rt0ouZNPqJk0u4UxmpVX5aotNsTzN1D/MtOZV21DL8i1hL3HcduZ3RlXjLGu1m+auc1Dczbl+9WzqW7c277tYk7VLlfc6oxMW6h+9urHmjbbW7N833qy7xVVa55cvQ6ldqzPLfizpVtrXhu8h+y7ryP5lmjX5q+ZbG6uIJGjkmZtvy19j6xHHIq/L827dXzN8WvCbaDrUepQ2clrb3m7dH97a1TBxk7WM6kVFXMqLWlWRd392rttqqzSfe21wskvlyblb5qtWd9Msq/d/2q69YqxhCTR2kurxx7tzfd+bdViDUFaOuF1i+8mDcsm2RqfofiFrjT1WRm3R/LWFSF92bwxCvY6XVr6NYG/iri5b5pJpNysq1s3GoLLHt3fLXNahuX5t3ys1Th+WOjM6s9LkjXzTKyq22mtHJJGu7cy0kMCxru+9VuGTzVX+Gu104s5lVfUzJdLaX5qp3els21Y49zfdrr1sZFbay1PHZpDG27av+1WE4OCslcuMlI4lPC+3dJM21lX5V27qxtQhVY2Xy1/7ZqtdxqV9DGrKrLJtri9Suo5JGZfl/wBmphd7luz6HLXEe3cq1Qlt221stJHPM25ap3C7W+X7tJ3Ttc5mlFXRn+UqrUEjeW2KvMtUrhVahaOxj8QzzjTWbfQW/d7VqFtrfdrWL5dzCepes/lb71W/tO01jLMFXbT1ud38VXzuXuxIWhrNPu+apreVV+83y1lxTfw10HhHRZvFXiTT9Gi+Vrhvmb+6q1UI8uyJlJn0b+ylosNta3uqx/LdNM0att3My/w19IW+5lbdXnvw/wBBt/Deirb2m2NVZlby/wCKu+tmZY19K6JVOXcy9nrcuLukpqttk6fdoVqSnG0tkaXcdhzSbm3UrNuWkX7v3acrVMl/KVcbG3ltTmRWbdGtPY7V/d0kK7m+b5a0jNNWluTdBGrbvu06ZVTbtqztXbUW1Wak5yXoN2tdEaq0jfLT9u1f9qmzSMjfLTfOZlrF66lK3UmxtX71VfLZpKlWR2+WmqzK1Sm+oN391EqqsLKtLJyvy0rL5nzU5V+WpnK7uUlbcg3Nt/8ArU1v++qlb5ZNzfdpzSLt3LVOSW5lr0Kb/NU0Pyr81Qs25qePuVpTtLYbckJIzNuqFY23bmapGZttNVdtKevUPa8u4m5fM/2qVptq7vvVD5bSNTmj+WsYwd7hzdiZZPMWmq21vvVDH+7XdTZJtzVpOagrDuSSsu7/AGqG+Zdytt/2ahh/eOVqZlWNflFcvPKWwc0bWZXmZmaiFW3UNG1SQL97dWinL4ROy2I227v71RuuypJu1NZdy/7VbOLRz8zcrMarblqJW3Ntb5qnVNq1G3+zUtRiuY2cGyZGVvlqtJ975W+WiKNnb5qc0flttalKfOrIpRS3I1+Zqk+8vzU1htanqqtG38NOnTUVa5m03LVETSrGaRm3LSeT81Hlt602vMd9bsPL3R/NTVby/l207zNtNZW3bqxb6PUr3eg7/V1XZfMansu6P5vvURt8tEIwWxEb9Ru3avy1LG208U5W3VHJCy/7tHK6buWotFm3uIYmkbc3zLUTSeY1RJ93btpWVm960cl0ephLmvdCSr5dTQKrVW2svyt92rUPyrQ0/tEe1drND2+ahV2J/tUkUsbM1TPbxzr/AK5o/wDa27q6acebdm8ajtZkcbsv3qZIqyf7NNXdB8rfvP8Aap7N8277v+zQotOwk2nch+z/ADVCtr5L7vvVf8vy6ikXd/FWl5RV4nLUlzOx9GxtuX/Zq8ku1ah2r5nytUzR4rncXJXOzVO7Y9VZ1o+7SRuy1Ky7vmrXZWMpaO46P/V01l3LTR975qcv3v8AZrJ+7sVzXGtiNaF6U94fMX721qRY9v3qyUuZ3NLodHJRubdu/hp20etNLVXM5GPKgkVm+7TVbbUvSOo925aFJ9WTZDGZd26nKqyUxV3feo8z5vlqXFsrmWw+T5fu0Rxbf96nKu75qduFKz+FEv3dgaNWpv3aBIrNtp7fN2rVxlHZmdtbgrfnSK2RTdvy0Qrt5rOXNuXzLqPopjSbWp275acbvcTuxdu361EzKzfLUit+dNpyb6ji2NVfmK05Y6bt+bcv3ad5lZa3ui4+Yj9qruvzK1TyNuWo127a3jG5n1sfMX7WHh/bNpGqyeYzfNCskcfy7f8Aar4w8cWypqUnlKvltt+aNdu5q/SH4+aHJr3w21GGOOSTyf3i+W21t2771fC3jbR7WPSpGbd5flqzeYtbT1VnI66fmeE6h+5l27qoSLurY1OzWDarNurCurnZ8q1zKbTsi5/3SlfJ5f3fmqO2XavzUSN5zVJHA0f+7XQ4RSvcxUnJ2ZMsm5vlWpW/eLUHl/3an+7WNiOVXuNSPy1+b71OZt3Sj7y1HtbdWqlG1imrE38NQ7m3fNU8bbaRl3UrQW5Li3sLGu7tUnl1Grbflpdw3Vas9iVOSHSbVWomansy1GzfLSuupWstyOSTFRc/3qlZd1Hlr61PKr3Q29LWI5JP4aRG8tqJF2tRGPmqEmx8rJFl+bdVqGTzarLCrVJE3lrUyfLuXTb2LC/O6r92voT9iqZo/jdoUMas375m3Sfd+626vndZfNZa+hP2LbiS1+O/hpfO/wBZJJ+7kX+Ha1XNx5LnTSgm73P1Rf8A1kn+9TqSaT963+9UK3Uckvl+dH5n3dvmLurnhK5tKLvZFrdQrVH/AL1SbvetefzI6WHck0K1QNTo6E2iloTsyr7UfeqJs0RtVORF2Squ2m8saGb5ai3N6VDk2U9diZvlameZ/dpufenL92tLMSVx241G27bTm6Uz7sdTc2Sa6Cp1oZKFbC0i0PUWom0LQ0g202kLYpXGoj41pz/N71EslP3fLQlcq6G/eWlpu0UrZxmm2kZ3sNb7xqO4+WHdTmFQ3Dfuaj4hJ2d4nPalKs33a566k3blVq19UZkXbu+Zq5yVirVwSTUj06e1yKRvyrLupFkar1yytG1ZErfu/lqeTmdzohd7mbdKskjL/drzn4yaHNr/AILure0s2urqH94q7tu6vRJPlNQrbbp1Zvut8tSqijIupZqx8JzXWzd5nyyK21l3bttRLqEkjferqPi14Uj8M+PNUtbWOaO3mkaZfMjXb/tbWrgd3k/xbq9RWaukeDJy5rHQ3jrLbr/FWHbaw1vJJ95V/u1UvNUaKBlX5mas2OXbHWbaWjRDujo4NXaT+Jv++qmbUvMdf4lrmI7j5Wpq3zQ/ebdUQjfZC5mdob6Pcq/3q3tMkt90e5lWvOY9Q8yJWZqnttakjk/vVs0ohGXc9F1rXFi2wqv7z727/ZrmtV17zPLVpNrfwrWDLrDMzMzfNXP6hqsk8yt91l/iqozVrMrncXdG7fam0ce1W2rXOXV5825Wqrcao0vyt96qE9xub72KwlzP4S+Z2uX1vNy/dqOabNVFuPlqvNcbaSSWrJlJyLz3G2P/AGqp+dz833aqy3ny1X+0bverbgjDU0JJNq/LVOa42/7NNkuNqVTkk3NVXVrokuK25d1Lk1DGy7afHGzN/eojYm5es/nmVW/ir3b4C+D5F8zX5I1X940MbSfeWvGfDOizeINcsNMtVZri4mVf92vs3w74Vs/Dml29jZbmhj/hkX7zU5SUVYajd3Z1/h1pI1aNV+825a7S1bbGtcZpUjKyrXX2L/u9zVpFx6mz5VsWvP2t8q1Ju3VX3ec3y0NHIvelKfLsY2ci0rUKi/eqB1Zdq0u7y/lqk3LcasiwrbaRJPmqLzPmo3fN8tElrdMw5buxb8xfLb5vmqFZPmqKTdItCr8u2rUrbstQsT+Z5nytU8arGvy/NVGJWX7zVN5m2sueV7FWY3dtl3VO1xG0f+1UP+s+akkjVW+WhpPcak0SxNuX/Zomm2/daoo22tSbV3VCcVuKd2P85m/3aazU/wCVvmztqJmVfm3fLT5lLYIxYlKsn92lZlZai8xY2q4RVrIak07MGkZab8z7qcv7xt38NOaPcytSmnL3WyZJS2YRbljqPczt/s1M3Wm/3vmrWFLl+JkX0sivIqxyfxVG/wDsrUm3+KpmnjWP/wBlrGfs5OzKXN1IV+Vfu0eZup0dwsrMrLtpske5vlahJRj7pm3rdjo2Vv4qG2t/u02OMR0bti1KTbuxtt7IKjnkWl+07vu/MKi+81TKTvZGfLrccJNy1C0irTvu1HJH5jfNWkYOSszS+lokqyfxU1eu6mT/ALvy/L+b+GnK2371RyKMtGVG/wBomZl31Xuv4VjqbzF27qgWTc1ROmnuzaUmlZD/ADVZfm+WmNJuqKX5uVpYdtNUnBXbuY6t3Y2Ybfmojb5l3fNU21W/2aj3Kq0m0/tDcnHZEkjKq/NUC7m/3aWWL+L+GkLeVHTTb6lQnNdCRvlX+7UkittVd3zVWbczbW+7UzNtWmrPYmfM1cP9XUM8zKjeWtSL833vmqOaRdu1VrZOKdkhRvsyOHdLGvmN81OjlZW27d1VVVVb+7tqaP5amUZXuw5Y3ukTq277y1oSKqqu35v4agh+5Uu/+Gri2ndsnlTlsNj+ZvmqOaFpG3LJtqR1ZXqCaP5vvNtronJd9S5WtZEkn3fvVVWRmq20fmRfe+aqUMnmS7aiUZyjocMoxk7RR9Owt8tWKp2/3dq1cRNy/e3VHM7WOhWluyZVVlpEk+bbUCttapP9pqI3Cd38JLu/hb71S1WjbzWqZvlPy0WjLczVN2uwZqGb5ttRq7L/AA/LTvMXdTVOLKim9yUNtXrUX8VO27l3U35lX5qy5XHYHBod95f7tQeZ821alx8tN2stP4Vcxl7ztsEa7qPK2tSxN/D/ABU/5mWqjPm3LUEtxsi/8Bp8fTrUW5t+1qk+6lHW1hS90b9xm+Wo2bc1ObdQsW771DbvdhdBFuqRpNv+1RtX+GmsqrRzLqjOVyKVmb5v4aesn3VVaF6VIse361DimUtYisu2kX5lp24ULHtpNWKhruH+zULN83tTpGbdTdoqY2tY2XMthJPlX5aj2Nt3NU/FN27lq42iYyMjWNPj1XTbqyZf+PiNod3+y1fBvjLSpoLrVdMkjWGS1kZWX+9tav0AkXdXy9+1J4FbSb6HxPpsLTW90rQ3Uf8ADu/vf+hV3c0KkeVhBu9mfCXiJo21K82t8vmfKv8AdrlNQjXb8v3q9S8f6XDJdNdRw7ZJPm8v7teayWu652yVwunB7s7kuxQsbVpZG+X7v8VWpo/lrpI9KWx0GS68z/WN8q1z1wu1qmX90ydiky/3Wp8XzUN/dVakX7taU03uQ5W3FZflpiq38VSN92m1pKXKRfsO27V+ao1bbRJu/hqNd26nzKpuUnJFhW3LRw1RszfdoVtrVzycY7M3sh23FN8xWbbSyttqFV/vLWtJqW5nUJWao3k2/dpm6hZNtWTGTD+LczfLR9x1/iojXzD/AHadt+batZXZfS7FZ9vzVJt3LTFVd3zfep9ISlYlhXaK9q/ZQ1iSz+LehTWdv9ourfzP97btb+L/AD96vD2b/ar3r9kTUFtvH8jfxQqsn91azqVFGOp34aPPOzP0Gn8TXdxG32i4kZtv3aw9S1+Ozjjktd0Mi/N5n92uF1zxa08m2zuGjVW3M1cbrnipVg8uS63bvvfN96inJNXZ78qCjHU+yvB3iqHxj4ft9QjXbN/q5l/utWzXhn7LfiD+1dL123WTzI4Wjb/d+9XuStmj7R4lWDTuLTlbaaZtpyrup63uZp2H8NR5fvTG+U0pbd0ocrbljg3vSL2plOVttHPzAroGk3NUm6oP4qdytF2CaQrMzYpPMKrTWo+9SepXMLTv4ai3fNUlNRT6ivcRvl+tJ96l27vvU1etNRS6lRH0u2m0tN3Rm3bYShl/OhvlprM1KNnuMa7fLVWeT938v3qsMu5ao3SssLbfvVTujSKOZ8QXLNIse3dt+bd/tVzdw3zM1bWqK0cjM23c1YF5cL838TV50uXmPRV4x0Ks7f3azpmWra/vVb5ttUpEWSolJR6nTFNx1IW21m3zM67V+Va0JF+aq80W5a5pJyV7geJ/tBeGrWTSNK1Nlb7RGzRtNu3bV27q+XNZaa3uv3i/K3zL5dfb/wAQtLXVPCGpqv8ArIY2k2yfdr4/8RWv2qCNo7fy42/5Z16eHTUdzysRZbHFT/vPmVflqO3dWba1WLuBoN0edtUPMWFqqbadjz4x1uyxdyLB8q/xVl+a25t3zU6a4Vmb+9VdpFWrjpsOVhzakyL833f7tWIdVVl+X5qybxfM27agWRoWobbdmClbqbcmoNt+asu6uGaT5W+WoWvPM+Wop5tq1Sjd3Zhre5I0yxruHzNVeSbzI/m+9VeR9q1VaTa27dSka3Rd84p/FUD3K/eqCSbctVfMPrUO6DmZa8/zGqOaRlY1ErttpVf5vu1CipbmdyVWYr81G75aVpNq1HHIzNW6ilsQ0yWNt1alnH5n3az1VdtaVrHIsO2H/WM3y/N96tKcYx2KPoL9nDwTuW41+4hZZPlhj+X7v96voCG28tqxvBnh1fDfh2w06Hcscce5vMb7zMtdRHA3y/xVw1Juc7I6YJtWLFlbbfmro7P/AFfl/erEtl2sv92uj0yNvL+X+KumK0s2Q6diaCPy6c0nzfNVhoNsbMzbaryLuX5atqyuZSY7d8tVxuWRmZflpzbl+VakXdj5q6Yv3djNyuEkiqq7qFZdvy1HIvmN92hW+RvlrnnFN3kaw12Hbm201ZPLpqybl+WoqwqPsVcsrMrVIvWqf8Xy1Ygk3LW9NKRMifdtp7bVWo1ahmqasbii7bitu201ulOhk2t/s012Vm2rWSjFmriI0vl1nz3DNKq/w/3atSKzfe+9VeVG8xflrN03eyYubl2LSMs0dO2io4/lqRW3V0RTp/EyXysHVdtQ/d/iqbbVeRv4aJ++uZGPL2ZJ5fmR/eqPcsf8VCn+Go2Xa1Vyzasifh3ZItNljaTay01W2/L/ABU5n/hpSoyeq3NYyUtiSRd0f3flqFvlX71TR3Hy/NUMjLL8y1HLKG5DSWrQ3zNq/L81CybvvUQr83zU6VVX5qqMfaOxpfS41Y1/hqSSP9zULSbVprOzLtqqlOMVdGaSluPWNW+9T5IVVfvVGys0f92q80jKm1amnJSVr2BXRMm5n/2aSRfmqO3kZV3U7d/eqnFJ2AjXdn/ZqL5qmb7tJH8rVk4zbvcfMuo7yNy1Etv+83VOs37z/ZpLn5vu1VOXM7IpqTInXzP4ttQTQ7mXdTPnElTeXuX5mrH2EYTulcalJuzHxsv+9UU7eb+727Vp7L5fzLUUn3/mq5SVuVmPM1LUmbdIvy03y2VfvU3zTHVhV3LWcW4v3UaqrfqQxy7fl2/NS+Wq/wAVIkckbNuZW/4DTZH2/LXSo3d1uKTlLqV5F8uSmyfvJF/u09m8xqTy2jZW/hqY897szVO/UvR3DJGv8W1amjbzF3VRj/d/N95qlidpI9zLtrO3tL9LGqjKG7JY5PNbdtZaSSTe21fmpFb/AIEaey7Vp0mouz1Mptoij3bvvfLR57B/9n+9Q37xf7tVZG2/Ktdau9DOM3E+oY12tVyNaqwK235l+arEcm2lzNO6G4ok27XpW/vUL87bqJdyrVxlzblarZjlFSbqbC26NafUOKjsTd9SN/8AZpF/u/dpzfu1ojzJWTU+jsUvMI6c1NZfm+X5aJN3l/7VDi+pEvIbIu1flpu/+9Um75f9qoJImVlprVWMVG7uw3/NVqNflVqrqm3a22p1+ValxsTJy6A/zNS0jdKh85s7a0Um1awO/UnpNwoVd1NmVttXyq176kSnybA2Fpv3lobdt3UkO6oTaC6ew9V2rRT/AMKPwqrxaszVNoiVqkXpUbfeqRegrKMEndGl7q7I3jYsu1qb/FTmkqJW3UNLoS5uIrcUeZ/Cv3qbI25fl+9XlHxU+K//AAjarpemTN/aUi7mkj+by6qyl1JV3sekatr2naKu7Ub63sF27t1xIq15V48+NXw31fQ7rT5PENvceYvlsscbNXzF4m1ebXr6Zrq4kvNrbfMk+81c3FpayfKsa0ueNM7IQvujF8Z6PDq1411DcNMrKyxrG3y15DdaG1rMsbSfu9u3dtr6OsfCa3MitJu+X5tsdWLz4X6NeRMzW/2eZm3bt26s2lUd0bTg0rM8I1W3z4Zt441Vm8tVbzK4efKt5bfLtr3Pxx8NdT8v/iWzR3G1dzR7W+avGNU0q80+fbeQtD/tSV2ewly6LQ4oyUZGWq805oWpy/M395acrYqIb2aLqK+w3btob7lKu1m+al2/NVTbmKN0rDMULH/FikX5mqwsqr8tSopblcsyu1NZeatKq7v9mrCwQyL/ALVc842d7FqLasZ00W4fL96olX+Gr1xHtX/ZqFmVl+VdtaQt6E+yctitKny/LUPlsy1PI22myf6qh2ZCvF2Ejj/2qesbK1QIm5qsNP8ANt21pCw5SY1mXzKRpaY3zNTfmaonJ3tYtQursl/utur1r9ne6a18X3SxqzSfZW/h/wB6vIvMVV216f8AAm+Wx8SXTNt8xo9yrJ96uas7R0R6eDsp3PoLUNSkZ/OZm2r/AA7q5O617bO3l7VjVty0a14kZYvLVdyt95t1cNdak0u5WbburkpxlJ3Z9FUqe7Zo+3P2L9SjvLXxPH91m8uRv4v71fS8favz/wD2S/is3gzxdHb3dxHHpmoN9muWkVV2t/D81ffUasv3W3Rt91v71bJ8stTxa8rk+6nK/wAtQbdrfepy/N71tzo4VqO8ylWmY+apK0jEdwzRTuKTirDlfcTpTtx9KauVp272qNOpUUxtO+6tNqN2/holGJpF9kP2inqpao46dTStsQ79RzUlNLbaTazNVPQpSaF3CnLUbfLSq3y0ndiaX2Q81d22nM3y1W2rG3y0jS1KikNSsOklqpeSt5TbfvVNJJWffTbo8q22olUdrIV9bnIeIdzTrIrMzL8v+zWFO3mL81bOpzNu2sq7v71Ysrbv92vOqtt2R6dGz3KGzYrf7VVFG1ttXHb5qqzbN1ZXbVpbnV6Ecn3qjdWWNmqZqjmb9z8taQin8Q/Q5rxFD5ug6r/C32WTb/3zXy54g0ONWbyd23b92vqvUNzRSLt3eYrLtr5/8XaeyxNNHG0ir8v7uuqny3smcuIiux4hq2n/ALtv3bSL/u/drj7xVjavQteaZW27drSK26vP9TXy2211uKmrHjS90y5m20m3dU8cW5fmpzQLCtZpOG7IUeZ3ZU2/7NRSW+6rW7+71qFmbdVe7LcfKiPy1jX5l+aqUqq/+zViWbazc/LVOVt1GhMUVpVO6qzw71q3Iu5aq1lzRvcJRIWSowjVZVaZNIq1qlpdGdyCn7ti/wC1UbMtCtv+8Ka90dh0f7z+GrLMqLVenqzf3azbv0FJksMavIrV02i/u7y0mb5ljmXdHt+8tc5Du3V0elbtrLH8rMv3qVrK6Cm77n3Nod1HcabZyRtuVo1roYZ12rXA+C7pbrwlok3mbvMtFb/gVdfb3C7VrgVRxqaHpuK5ea5tq22P/ard0Ft21vmX/ZrnIJtyr81dPofyyLur0INS1OeUnLdG/IrRx7ttZsi/N92tuP8A1fzfdqlLHu3fLXXGVuhxfaKG5f4aj3MzVJNE0Zbcu2qbSSRtVO8VdFXJN21mprN8tNaTctNk+771F1IpXQzdTFfa3zVJtLR/LUKpub71KpeK0G7sm3c/LTVl+b5vlqJvkb5aRV8yinF2uzNyfU0I5vlqxHGu1mZqz42aNlq+sn7vbU+zUpblRaEVsNUbfK27+GhpVU05pF20+RRHGT6jTJubatRruVqkVl3ULIrNUcqluE4tkgVWWo2bylprSrGfkpq7p/8AZpcii7k8qJlkXbuqrcNu+796piqsu1WqNWjVq1U2zPlcdiOP7yrTpnVX+WmyW/mSM33qgZf7tEtdxalltrL/AHaFZdvy1S3SbvmqWJtu6lzSvZBHexM33v8AZqGV93yr8tOaT+FajkXc3+1Slyv42PlY5ZGVaPmaol3bttTtbyMq7WVVrCMY83uM1cbqzBk+WotyxtUsf7teW+ao5I1atZK2lyYwRIku75aJ1VRUSLQy+Z96snQg9SXdbiqy7aGZdtMxt+Wmxr/tVulFKyJSle45fmoZdopsi0R/KvzVMtrJBGLk7sikX5VaNv8Aepdu7buapt25ai8xY1+7QpJRFKLg7ok8ldu6opvlWo2uF3bf4qPvfLWcJNO97hzSkCyfu/lqHy2Zt1WGj8hlpdu4V1RalujOVPW6Y1lVf92pY5lX/dqvKrULGu2oqzaVkxKm59CxJ8y/LUflfL/tUqsqqq0k8zQruVd1Zwgl7zZrG691Ef2fcKPm+Zdv3akhZl3N/FSqzSSfd21pJtbFKTTvII/mqXcv8TfLUXzK1QMu1vvVzJ83Qtau6ZZbbt3K1SrJ5i7fu1Ctwvlqv8VJ5n92uuHLa70IlbuE7Mvy7arRKsbbmq03U1DKm6tItN2OGba2PqP7q1Mq/LuqONfl/wBqp4l3Vm5W3R0S13HR/L92iSPctO27aiVmabbs+WhTS6DikSxrtjpv+rp0dMlZqUqj6GisyVfmWhelNj3bafWabfxCUtbIX71LJ93/AGqTbuXbStVpJ7mVSMlsRRR7fvU6RV8ukX5mpWO2q5EZptBB935qG6VJHHUbN81ZxvexTnFai0zaN1Hy02PctaW7HFOUm7ki/L70rY/iprfepyrQotfEbK9rsY0it91dtCrtX5aPL2/Wn1XuyJlBdBi/7VNf73vTmXd9KFj21Evd2NY3juOWhl3Uqt+dO3GobctzdWZEyqtRt0qSQbqjZsLVbETimYniDVP7J0u6uvutGv3q+S/EMbefJtabb8yq1w1fSnxcla38F3U23dumhVv++q+ddUmhn27W3fxVcpNR9wqnG+5xD6Z8rMy/M1WrPSFngVm+X+7/AA1t+THKwbb81TLEu2uTmcleR3KMkV4Y/Kj2/dqK5l2q1Wbv5V+Wstrh26VcJWG5OSsylKzN833WrE1fQ7XVbNoZrWG4b+HzK2rh9rbVqCbbFGzN8tdMK8jJ009zw3xf8K2s2+0af8q7fmt/vfNXmt5Y3Wn3bQ3MMkMi/wDPRa+mNauVjX5JFbcv975q4rXNLsdch23UKyMvzbqtVFP3UtTGUOR3R46q/u6j+7XZa14QWGVpLeZVjVf9XtrkJV2n5vmpcrTsylNdRn3aYq7ak8vd81JI38NU7dVcTk+gitToGbd96mKNq4pitt60JrqiJSl3JLmb+Hbupse3bQvze9SSqrL8p+asZRe4RlIZIqsu6oV3N/u1N96Ood3zVPqa/CEirDUbtu+7Uv3l/vGoGzu+ato2IfL1BRtpyu33VqONdz1O3yLWblZ2QlJrYrSfM3zV0/gDUlsfEFi23c25lZd33l21zDNmptOuZLe+hmh+aSNt1c9SKqdT0cOtbnvV5dRyweZ975d1cdfXzM3y/LuqJ9e8+1+VmX/gVZKzsdzbt1cqvBWUj3+ZcuqOj0zxPJYzL522SONfMjX/AGq+/v2UvjdJ4u0Wz8Nav5f2xbfzLe48zczf7Lf8Br85LObdMu5d1e8fsy65qI+KnhKzslh/4+vLZo4/m8v+Ld/49UKTluzzZLm2P0rVdzVNHUMkm6aT/ep0LfNXXCLauzj5VexK1C0nmKrbd1DN8tbWJtrYVmpVb86jV1p0bZpe0j1NYxY5mqPdUjMu2q+/dVSipK9yuQmVvlqFm+alX5Wpj7s1lqVK/QkWXbT2batQqtSt92qUZdCJSdrAr7qkZttQqNtRMzNJVK63IV2PknZf9qmxzM6/Mu2hh8tRMyr0rKU+50R2sK1N2+9J5it92nM1axlETjbqNkXctZepR/umX+Gr7SlflrO1Bt0dRJRCKfU5LUmVWb5q595fLZlrX1ho9NVpr6aOG1X5pJpG2qtfKXxU/bJs7N7vTPBVp5l5GzR/2lcfd/3lrzZUZt3gdntVFWbPpBt23c21F/vSNtrLuNY0uGTbJq1jGytt/eXCr81fm546+J3inxpt/tfX7y9bd+8j8zbH/wB81xqzLGsi+ZJuZtzN5laRw/8AM9TD65FdLn6qx6hDP5nk3FvMq/xRzLQ7SPGu3a27/aWvysTWJrWVWtbiaBmX5pI5PmrRt/iB4ns2VofE+rRsv8X2hqv6lLpIf12PVH6aywTRtHI0bKqtXkGpL+/mhZfuzN8v/Aq+O4fi54wtZ2vP+Ep1S4kVdu24uGZf++a+qdBvprzTLC4uJPMkmt45G+Xb8zLUyoyo+Z2U61OscR4v0VbZm8xV/efN92vOdU8Ls3mTQxt5aru3SV9GXWlQ3y7pIVkrnvEGhxyQSeWvzLHtVa1p1VF2bMcRRUtUfN82n+VH8y1SuIF27q9mn+HdvcWqtJcNC275q4XxJ8ObzSPs5t7jzo5m2/d+7XS4Qkr3PJlTlHZHCqm6q9w21a2dU0G80xmjkjaRf4ZI/utWHdLJEWVqaUYkO6KMzbmqHZU0irtqHzmVdtKcV0M9SCWT+HNVmqab/WVC7KtZci6jd0RNJtao5CslOkXd8y1HFGzN833avS1lsTYF/wBqnstLI0dRxtSbuIfuqdetQsjM33asQw7vl7VSVuo7FmFdyrtroNIZrGeOTbuZfl21k2q7Nvy1fWZtv3axcm/iReh6lZfHy68K6Vp+j2tjZ3H2eP8AdtcMy/xVpab+1bqUN1/pXhy18v8AiaO4Zv8Ax2vCNYl+638VZkdyyt81XCnTbu0N1ZJWufYHh79qTw1dSQrqdndae275po/mVa+hPBnizRvEXktpOrW97uXd5cci7v8AvmvzFW5kl+XduWui0PXrvQ7q3vNNuZNPvYWVlmt2+ZWreOHV7wYliH8Mkfq5FJj5Wokj/ir5B+GP7ZN5psdvp/i20m1e12/NqFuy+Yv+8tfUvhXxnonjjTVvNEvlvI9qt5f3ZF/3lrOoqlPcatPYszwsytVJrf5fmrX3Ky/3qq3EfmVakkrsGrbmf9mWobiJdtWGVl/3arXHzLuWupctroltsh2+WtN+9R5m4VC25P4qylNN2Y+Z2sDN822nbtq/LVZm3UQyNWUpqPQla7ku5lZW3VcafzI9tVFXdT4dzL833q52pfFY2jBdR27dUi/N1pq/u6ajN/FWkuacdDOSXQk3fM3y01d26nK38VOaT5aqKurIh6K7Grs/iob73y1G0i1Gsvlt/erSLle0kZSkO83bJt21MrKvzbqjkZWXdUDSNuolFwd0jRalnzl+aomlbd8tQSM2KWNm9acZfzIhyihzfM3y09f7tQKu2nb1X5qNL3Rly9mT+Xtpm7591Q+du+7zTo2XPzVzSUpu09TdS5diVY/MbctWN7eXtWq+5VWnK235q0p8tJWiiryluyORf++qXbuWkkuF3VH5+5f7tJS9671ZD5n1Hxq26nxt+8VZG+ZqjVv4qRl8z5t1VzEKMm9WLL8rNTFbatPVd1MuPl21k4pe8i79gj+ZtzUiy+Y23+GpGby1VvvUm5ZP9mr9oiI817kbKytTNu6kaRl+Vm+Wo/vNuqOaNTqXJaXE+zs01TtC0f3abtZlpzXPy7avSPwmS53sEi7tu6o9zK1O83dUbyM1X7R2skNprqSbt33qrySeW/3flqTd8tNaPc9Z+zVR3HGvb3bEi/Mu5aN3mL96jZt+X+GmrH5f+7RUhKmrRVy4au8hzKyx7vvUisy/db/gNJH8rf7NKq7q56caz+IdWMWPV/71DR7m/h21C8bN91d1Oj3Ku1vvV3qK6GdKKjLUdtj9aVV3Ou37tRM3lfe+Vf71SR7lb5W+WhXKqU0Pldljb5fmqLzPNi+ans25ttVpJWjk2+XWiSl0uc1SmrWufVce7y13feqSNm8xahVvlqSN9q1n7vXcu0oq5ZbFR+Ztpi0KNzVm5LoKMZFlo9tNVtzfdo3M33ql8vjdShLm3NbLqNMnl9KZ5m77tL95v9mn+WqrWvLzEcul7kazbWp7NTGj3fxU5VNUo32MLybs9hVytH3hStnbTflVaVmU79GCybWoZqPL/ipatWWxk4tEX3femx7mXd92pGXc1O2/LUbO7NIxZHu30sjN92n7hSqv7zdVyu1dCfKt2Ryfu9tOWT5qZO25vl+7RIeKzSbIJaRm201f9XTip/Gk0kOw1etCt81DfLRGu5vmrOcrbGkZIGaoyu5amk/2ag3bfvUoyV7C5UzlviDprap4N1eFYWmkWHzIl/2lr5QvLpY921Wk2/LX2dPEs0ci/eVlZdtfG/jrTZNDvtQsZrhZLiGRm3Rrt3LurepT546s1ozSdkZ8eqKq/L8tEeqbpPvblauRvNY+z/e+Vf71WLGfztsit+7auSfLH3WenzSl8J0OoagrLtj+7/e3Vntcbl+9WXqF0sHy7qxZdakgb722tPs+6SlBO8mdRJJG23dVbU76GO1ZZG+9XONrjNNG27b/ALNZeueIPLtpmZd237q7vvVtFSlH3jPkV7xKHiHVdqttk2w1y11rEixM0cm1v71Z+pa158Sxs38W5lrBuNT3N8rfu6zb5dirdzdutXuJLVlZlbd/FGtc9LZrJuZV+ardlcebHt+9Wlp+gXt5tmjtZPLaTy1+WtIScjGoonHSeZ91lZWqP+H7tdnqeiySstvJG1vcfw+YtcpPA1rM0bfeWtuZ/C0c8rxV0QKoWk+Vl6UMzU3+KsuV9WJO+5JHTZG8s01ulQszNV8ytY05Xe7J9zN0pjR/L81H8P41JH935qyUPaOxfS9yL5kX5fu1C3NWWb5f9im9q6ef2fupGSXNuRLE33qbMreXuq181V/M/ef7NDUbX6jUJLYqyM3y06OTa25fvU26/wBmo7WBmauOUWbxTi7pnS2N5uh27qvpuaP/AGqxLORlbay1sQLJItcsaGt2z1Patx1J4d3/AAKvs79g34aLda1qfiu8t5ttrGscMk6/Ksjfe2/7W3/0Kvk/wf4Vv/FmuWWladD515dSKsa1+sHw28F2fw78F6ZoFl92GPdM396RvvN/31W8lGCsK7auzqF3fxNub+9T/NbbTKWiMkZJJ/Ex+7+Kn+Z8tQxn5admnK8h8kO46NctTtu1ajDbKkj+apUEg5layRGZNq0LJtaldfmqKSTav3apu2xEd7om8zc1EjbVqKNvlpeWoTbV7Gzux6szU/zPl20xe1MVtrVak2RrEkZtq02NWalba1N+7SUiE+w+Rtq7ayNUmm/1cbbavt81Qz26uv8AtVE+VnTTb6mQt9Jaqq7Wk3NWsjM0dRm1Vf4aPM2rUr3NGVKXYRplZtqsrNXAfFr4t+HPhLo7Xeu30a3m3dDYxtukk/4DWX8fvjlZfBPw19ojjW88Q3S7bK13fdbb95v9mvzc8Y+L9W8WeILnV9fvWvtQuG8xvMWt40nL3pbHLOty7HU/GD4/a78YJFW6uGsdIXd/oNu3+18u7+98u2vHLiVUZo49u3+9Ul5Mu5tq7V+9WYsiszV03cFZKxwzqOTuVZZG3NurPZ/mbdV64b5W3VkzSbmrm+J3Y1K5OXXb8tRLcNUKfLTlb5qpySJaualjbNqE9vax7mkuJFjXy/71fbelr5Ntbw7drRxqv3t1fL3wM8IXWteKLHV2hZdPsZtyyf3mr6rVFVmZdtc1SsrWPXwsXHdFhZmWobiLzfm+61Tbdqq1NVfO964XGM3c9ZysrGXc28cke1lrm9W03zI2Xd8v8P8As1109nJN/dVaxNQRoo/mXcv3amMZRdloiOWJ53eabH5n76PzFX+GuL1Twvbx30k32ePy5Pm216nqFi0iszLt3VgXmmef/vVr7Tm0sYVKPNseVal4dXzf3Mflx7fu/drEudBmgVWZV+b/AGq9RurFdrRyL81ZFzpsar8zVo6ivZs82eHSPMbmxkVW+Vvl/wBms42zN83zV6Jc2P3l/hrJmtV+ZWVWolUj2MPZSONaGRV21G0Un8K10dxZrVNlVflq4ylIiUeUymtflqSOHH8NXmFJ5astaLm6Eqmn0I0hUrViOHau7bUSLtarabtvNS9CowJI+nzVM0m2Oq/nKrU5n3UcvMrsFoVb6BZotzbvlrEb5Wro3bdEy7flrnrqHypG/u1Uf5TKUY9R0c+1qtpctVCFlkX/AGquQKrLtrVPW1zByS6G3bXX7r5vmX+7XX+EfHms+CbiO/0K9axuFXayxr95f9quCik2/dq9azsrbq7lVjy8slcbn/Kfor8Hfjlp3xW0+OOTy7PW41/eW/mf6z/aWvSJF+b5q/Mfw5r11pd5HeWMzW95bsrRtG23bX3Z8D/jTZ/Fjw5G0yx2eu2/7uasZYf7UdRRq391noska/dqjJGu7atXZm3fNVSeX/ZrK0oOxq0mU508tvlquyVebay1VkWnKXchysrFVo/JohZWp23dUPyq3y1MLSVmjXV/CyVpNvSnxSNt+b5WqJmqKST+L7tU4pbscYy7kklwyyf7NOmnVY6ihkyu5mquzfvN275f7tRJ8qvEE7bl6ObzFqVZsrtrPVv3fy1JArKv95qilVTloaSV1dk8jKtPihVl3NUTR05flWnOtrZma03Hyqqr8tR+btjpGbLdKjjZVbbVe2bVtyJLmFd1k2rt+7S7tv3aJG2rUHmVnK8leJMacY7j5mahRuprNuWlVWWOtac4uPLLcbtFXD7rfLUisv8AwKmRtuamtE3mbt1bQpxirtmbknsEjMs33vlqZZPlqGaPdSKqqq1zylraxtyjmVo/manr/eprXLMv3d1Ju+Xd/wCO0+ePUVl0CSRpF2/dpY5f4ajWTc1NdtrfeqE4y+FmLSTv0LC/N9abcN/Dt+Wlj+Vflpu75qblK1jZLsLHKrR/LTVZlVtzU1lWOdVX5ty7qbdNuXatQoq1upnrzajWVpV+Zf8AgVNj8xGZdvyrU8LeXHtal8xfSuaVE0uiNX2rQrKq03buoZ9q7f4q3SUI+8CdxzMrU1m3UMu2iSDEe6qhLl2Rm1fqMWTc1P27X3N96mx/u1p27dWnMEUo/EO+Zl3U5fu/NUKIzf7tSt0q3VTVi0oN3QrDany1DH50bbvl8v8A3fmpyr833qJJGVtu1v8AvmiMkvMbSY1bhtzbVojmb+L71NRv3n3abJG0clRBc0tNCrvqSbvO+992pG2qrbW27qrxxbpP7tSLF81dMVd2M6kuxHHO0Mu7buqR7xpF+7TZF2t8zU3a3l/KtaSlKir02RH94rWPqnaVqZE3VHGv92pkasVaWyMteug+MbVpm7DVMrH1pqx87lrL4NzVTTDczSVMzbl21EqlqkVdtTKXMrJWL0BY9q05u1HmN6USN5lON4/EYyvJ2SG7floC7elKvy/WkaRa1j5IhxtuOqPy6VpttOWTdHUyFzO1hrNupVX86app3mGs1KzuQDKFpq7moaT5aazMy7vu1pKouoo3vdj1b+9St8y1Gnyr81NkbFP2nYVSSD+GhXpyrupvl/NTUosuM9LNDmb5vlpyttX5qb5e1qcys0dZSXYqyGs26pF+7UW3bT93y1mrpXYcrGs1Q/eapm+Zaij+VqqNR9BSihso2r8teDftAeE5pNRj1NVVreSNYZGjX5lb+9XvMlYXibRbPxBprWd5G0kbfd8ttrV0Rq6WY4wPz58XRrLEyr977u7+7XLaV4vvNDZbebdeW/3fL/iX/gVd18Z/DMngfXtX0z99JHHN5kMkn92vHrmO81BWa2ja4mX+GNWauKVKfNzW0PZpyjGOjPTG8RWl5HJNHNHtX+HzF3VgT6h9skbcu3bXID4Z+JUWa4utNW1Vfm/0hlVmrmtem8Q6a0fnXDLDJ91Y/urWvs3a6MHJM9EvNV+yq25WbbXOatfLeQttk+ZVbb81cm2uamsS/arqSZdv/LRqt6dqkF1G37xVZflZaznKUVaxcbGdcSSKrK1Ua1tXVW/1a1j+W26lGp3HOPNudH4ZfztTtYW2su7dtr3/AEt7XTY1WNVZVbd977zV896PIsMsbf3a9H0nWt0ULfMvy10Uv5kbqinE9buINM1iFVvNPt7j+LdJH81eN/GbwFa6Vp7a7p7LDDbqsc0O75mXd8v/AKFXYWPiDy5G8xty/wDj1YHxK8VW6+DNVt5pFWO4j8tV/vVq6jk73OCtT5Vc8Q3fNTWb5qjVlVl+anf6z5lrGzve5zLQR933v4aevzUbd1MZsNXQkm7tDjJ2syx5i/dpVZaaqllpsjbfu1p7Tl+FFRS6sJI91OjVQu2jzPlqNt33lrPm5ndhZdB0kiqvzVBMqt92hmZm+ajy/lpr39i+bl3KrSeXUlqzM67fvVDcx/xVY0z5riP+H5q5Ks5Q3N4py3OhtY90a7l2tWnawr5bfwqv8VVYY93yrXR+E/DN54o1iw0jT45GvL6Ty4656cnI7nTS3Z9U/sM/C+O+vJvF+obpobXctg23avmN97/vn/2avtS1ba3zVznw98IW/wAPfBOkeHLX5ls4VWST/npJ/E3/AH1XRxK277tZtTlL3iZciVkW6jZvmo2t7U1Y+dzV3pJGTutixFRJ8rCo/wDdFDfN2o0KJN26l3spqKNttLJJUO62HHzHNJuambqb5ny1GrfNURWt9h8vK7onPtS+Yqmomk201ZGZvmrbQHO5Y3Gom2mmtupq/K1QrIcbdSbd8tP8zctRbty7ajWPbu+aiyBLW6JKjbd/eprPtp235aTaTuact9hsjf3q53xt4ssvAXhXUfEOpfLZ2MLSbd21pG/urXQt87Kv8VfDf7b3xi/t7Xv+ED0y8X+zdPbzL1rdv9ZP837v/gPy0qf76RnL3Y6HgnxY+KFx8UvG2oeKb5WaRtscEO75Y41+6v8A49Xl99fNIzfKqtWrfS/L8q7V2/KtYE7MzM1elKoorlR5dRvqV2kb+KqU8m1qmmkas+VmZqw94mMVISaZmWq0FjNeTeXGvzf3v4albdurotLtd+nbl+9/EtcdSUo7HfRpqbszmZNNmiVvMVfl/wCebbq3fD3g641rULGz8vc1xJt8vdV+xsY/M3SLur0z4X6fHceILf5Y9sbK27+KpdRSjudMKC57I9N8M+G7fw7p8Nraw+THGv3f7tdXa7mFQrbN5lXoE2r92vPsr2Wp7sYcqtYmj27f71Ku0U5V8ykmib+Gk+ZKw7NblORtrbaqXCbo2XbVvb+8+aoZo2qVKWzY5bWZzGpWrNGzL96uXvFZd38Nd5dQ/L81clqVuzTN8v3f4q6ObsYqMXucjc2rSSbqyb5Vjaulvo/LjZv7tctfN5fzMu3dWDnaWxzzjfYyJ1+Vtq1kXke6tWa4+VlWs64Tav8AtVspN6WOaSZiyR7qzrqLa1a86t8y/drMl3bv71a7K6OdxuVWTatMbrU8n92o/KanzsxkrDYvlapGk+b/AGab5LL8zU3d81P2keouZ2syRYfmpyw/N96iFvl5o8za1LmlJ26B7oBdv8dUNSVW+6tXX21DJD5kdax0dmYNJmA0TK3Srcc6oKZcKyu3y0yNt33a3ujinZF2KbdWjayfLVC1h/vVft1+atbArI0LaXZJu3ba6jwf4vm8Ha9p+p2P7u4hmVpP7rLXGszfw/LV6zuGjkXcu6rhVlF2Mpwi1c/SbwT42t/HHhOx1u12+XcL83+y1azyKy/er4k+BnxZk8AeIIbW6mk/sK6by5I93yx7v4q+yfOjkVZEkWaNvuyRtuVqLpO8nc2pydrIuM3y+1V5G201Zdq1A1xvWsZJS2NndO4vmbm5qCRv3nytTmb86i2/NS96OxLk+hJjcvy1Gy+au371MV2piMwHy1MpSluzWNx7bkqPbu+aneczNTvMjgjZmbatCelmSNR9tTLM26oVZZPmX7tSLIu7b92jlXQnlfQsNcMq/NSeeu2o5EV1Wm7felKOl0iorl63H9T60N8rVHNN5a/LVdXkZtzNWEU+o27FiR2+7VeTduqZfmXdTWX+KrclDYiUYyjoO/efLU6t8tVJJKFn/wBlqtU38SIiuZWZc8zyV+7UfnbmqPa27NNZdrfNWfNJOzNORR2JGk+XatNXcy7aavzNTvLbcrLJt/2auEp3uynC/UlVdppGkX+7tprfLQv7z71KScncjX4bjW+X5lob5l+anLLsb7u6l+XbuqY09b3IULdRq/7NK25v4aPNxQ03/Aqh05tlRT6lWSGTzFZac0jR7WqxvXb/ALVQ+Y27b/DWyjNFylpYPN/2d1ORPm3U1V+anb2Ws5wqPqYqVtxzKq/NUbt/do2+cv7xm/76psit93+KtIUrq0tDRNMkb5dtDOyrtqONWX71S71o9lKLsmStdxdu6OiRY/J+b71G7cu2jarR/NWkaKp+9J3Ikk9mETU5tsdRNIsSf7VJ5yyNRN6W5TaHLa1x0mf4aFm2/L96oZty/db/AIFUcStu/vN/erkptVJcrVjTm5dmTSM0bfeqTf5n3qhbazbaRvkau1U5Q2dyF77sStG0Tf7NEd1tk8um/aGZlX+GhoY1k3MtOnF3u2JqMNyR/wC9TfNG37tNab/gVRtcKi1tHmpu6E7M+q4W2r/eqZe1QwqtTbvm2rUOThucyk+pKv7z5aVW2ttpPuU7buasrc5UrdBytT6KK1dkrXKjcYzbVpfm27qdt3UbttYrXcd3HdEXmM1DSbVpf9X/AA/LSNJ5n8NXp1JlaRHDHuWpIW3fw7abt20+OT/vqs7diU7bIetG33oXpRuFUmr2Zk7N2aFqJvm96eze1JV2XRltNaAV+Wo5Fp0klG33qeZ9SHBxV0N83avy0gkZmp67Vp3yrT5dLkWcgVt1PqLzFVjTvMqvslaR3Gt96nbcNUbfdpySVEpK1mUptkrdKrqM09pKgb5mrJXTu9i42tYazVQ1C5hs4ZLi4mWGGNdzN/dWrNxuVflb5q8c+Jni+6l1C4sLP/U7VjatIpvbUaj3OH+KE9r428RyXVvDC0bfLJJIv3lrkINM07w9atDZ2lvZtu3M0ca/NXVxxqrf7Veb/FLWms9Pul0+6WO427maSPd8tEqk+iOmMnFWOa8YeJIVkuFk3XHytHt/hrzLVvL1KzaNl+78y1Hc6mybo2kaRv4m/vVV+2VlHmvdlc0ZHG+INLmjg87y5F/9BrmpIprOTzPL3f7VeuyWK3cPzVzGs6KzrIywt8rba2lFWvIlO5x8epySN81W4LxZFqO80CRVkkjVm2/NtrK8+S3bdtZV/wB2so26GvO4nVxsvy7W/wCA1t6bqnkrHGysrVwNrqbNub7tWv8AhKJoWVo44ZNv/PTdXPJTbskdlOuoq9z0OfWmt0bzG/d7fvV574s8RXOtXkcMlw00MP3fm/irM1XXrrUbhvOZlh/hhjb5Vqj9o+bd/FW9Ok4nHVqe06GlCirF83zNVmFtq7ayobxm+Vasfadtdislc5kmy/G3zNxTZPlbd/FVRLrcv92o3uWDUfErlpGi0m1fm+9TVk3NVL7VuX5qFuPl3VENHZmc0k73NBqTdtrPW8b7tPa5+WnIlStsTyyeW1I0u6qck+5ar/aZI/vfdoUmuhUVzblieSrOlN+/X5d1Uo28+t3Q7P5Wba1c1SV92d1HR3Z0Onxb/wDer63/AGGfhTNrniCbxbqdjHHY6e3+hSSR/NJJt/8AZf8A2avlLS9OkvJo1VflZtqyf7Vfqv8AB/wTH8Pfh3pWjeWyzKvnTN/eZvm/+x/4DSlyqOh23UtDtdrNy38VTRttpF27aVV21Kk0ctrOxKsmafuqtG3ltUzfcq1r0DmQ+mMGahW+Wm+b82yjS9i4olH3aik2tUckrbvl+VaZ5laqCSvc25e5Z+VVqFm+ak3bv4qXyvl3VJEn3JPMXbTW21A3y1JuXbSupdBLTqTecu35qh8zDVEzVF51TJR6j9EWPOanq+6qCzM0iqu5t1Wlim+X5fvfw1HOrXNHF8uhLtVqR5dtY+r+KtE8Nr/xOdZsdKb+7cXCq3/fNeE/Ev8Abh8C+ELNl8PM3inUt23bH+7jX/a3babk5/DG5EUoq8mer/Fz4jQ/C3wDqfiGTbJNDHttod23dJ/DX5Ya54im8Qahc6veMv268kkmkaP+Jmbc1d98V/jr4n+MW1tXu1hslbzo9PjX5Y//AIr5a8ovGVlVf7v3a3p0pxV5I86pLW6KN5ctJ/FWbIzbamuJNtZlxM3zU/QzUk9xzN/31VFlbdR5jetO87+Gt0pNXHfsN2srK22un0VGktvu/u65ZXrtPCCrPZyR7mZlbd/31WFRaWZ6OE1epctrVXb7tehfDSKGx8R29xt+ZY2+b+9XOQWKw7f4q3dG/cTpIrNuVt37uvNfLHWJ6MXyy2PfNPX7TD5m3buqbyV3VieC9a+2W8kM0n75W3Ksjfw118Fuszfdrh5pKR6nxRKPl+XUb/drSubVVXbVfy/LX5lrR1ZImUTIdvm3LVWRt1bE1srfMtZt5B8392t6e12ZavcxtQUr8y1zmoO3ltXT3kbeXXOahDtZvmoklHYiyZyGqbv7u6uYvm+98vy/3a7G+hWVfl+aua1C3Zl+781Y1HGWqMuWzujmpY/MbdVObbt+atqa1Zay7iD/AGahQaV7kT13MK6krLm3Z+7W1cW6/wB3bWVcblb7tbQ13MHFLYpsv4imsrbfvVJN8y7ajk3Kvy1slfZnFOTTsiNmZflpvl7qG3M1SRM27bRGNndBJqRGu5Wqbbt+7T2jVv4fmp6R7mrTXYxsiusbM1WFj/d1IqMzVYjtty1tTiupLg0rsxbqzWSJm+9Wda2e5mZvlrrF01mXa33azLq1WGVlVvu1tFa3RhKKK8UG37vzVJuaFqbu8upoV/irbzMHG+xJD8y1Mvyr8tRttoWT5fvVEpO9kTyrqXra5VI2WRfMX/er6k/Zt+KEmtaPcaFqE22a1k3Wkkjfej/u18e3198vlr92rXhvVpNKm8y3mkt5l+bdG1OUQVou5+lct15UXmbdy/3qryXixfe+WviK1+M/jK0aNrfX7hdv/LPd8rf8BrstP/ao8Q20kK3mjafqCq23d5jK22s7SjsdPtIn1T9s3bfl3bqb9r+b5q8L0P8Aam0SWeOPV9NuNP8A4ZJLdfMVa77Rvih4a8RRK1jq0fzfdW42x1nKavqi9JK99Ttmuvl+WnW8+6s2Gbztqwss3/XNt1WlbyV3SKyr/erJ1E3a4lzIuSNtWhZNy1X+1R7d1O85dvzV0wlpzD1HNI3mVOvzVWhb5d1SQfLXL/EnaQ3tdEzXFO835ajfazfLQq7q3aaVkc8dHdj+f7tIy01lZfu0L8rfNWUueW5rqOXcq0M21aa0qt8q1G25mp8qtpqxpXJl202OP5/96mqqyNUirt+61XDm6mUpa2JnbyY/l+9UKybvvVVadmk+9uWmyqrSbt3/AI9Wq0KlJ9EXFVpG+Vqcq7W/2qrwsqR/eqRpKylBtXWhUZSJZP8Aa+9UEjsrbdtSebuX5vvVCsn96qjNU46kcyTsyx5a+X/tVXabY22iTcq/LUMsfnSK38S0RdOTutCrliaTylpn8P4VE24/KzVN8u1VoqPsRre9tBsf7v8A2qkj+Y7mqNo9vNMmk2/NURv9oz63Rbb93935qbLt21CsjNHup3lrIqs3zNS9pLsa8qcddx0beYvy/eoi+T733qdA3lN935WqO6b5t3/j1Zyqu9mVGHKrsdI3ltQo8z5qg++1WfNWNf71OM3Ey63Q3aqyH5vlpzKu6o1bH8Py1JtXbWXO4yu2XJPoNZG+795aI18s/Nuao9zbqk3bq6Y1vaKxCUk72Gq0ar5f8NO34+6tQyfK27bUkayNJtZfL/66LTS5Xdo2cOdWKqxSIzMzbt1Chv4m3VYuJGX5ah8tmXdu20nUi3a5UYWVh0K/vKmlfctU/tawttb71OaVWVmb5aIxl9mRHMluiZt3k/LVdk+X5v8AvmmRysrfe+WoGa6luPl8to/7u2u2jK3xGcpWV0j6/VdtTJ1qFm2r93dUsG5vvLtrBKXqZDl3PU0caqtCrtoYc1fKCk1sO4al27aYv3flpY9zLT9mrXNOZWsPquzbqlZttI0fy1yuMlsNNojR9q/dpy7VpJv3ce1ajRmX71bRX8xk1FCSzMtJb7vvNSybdv8AtULN8u2naK2LjJRLHmf99U1lbbTFpWbfQkjCUVe4RruapG+anK37v3qNu1HWw7uW4bvahm201v8AZqRY/wC9QJ3WnQN25ab5e9aJPlxRHJuWqjtcHdK6GrH81Sbl3U2So5PmVdtQ3YULy3JHZQ1OVfl3VCy0eZtSo5Yy3Keg5m3VW3fNUjSVDJu2/LQ0krDTXUoa5MsNnJJ5m3arNXzxqDLeXk958ytM2771e1+NtW/sjQ7qSTy90i+Wvmfxbq8Omj2qvzUuZxjoddNKRj6pfNbxs0bbZF+7XhXjq5uPLaRf4dyyN/er2XxAitJI27bJtrxrxJDJPLNJ96P7yrUOUuU1aTPMLmf94275m+7TrVfN+ap76xZJW+981Ntovs7VHNymqpJq6NaC43LtpWbd9771Vop1RahmvNrbvvV2OV1cxlvaw6XT1k3N/C38Nc1r/hRbz5reNmbbt8v/AGq6eHUF20yW58xayU7iseRappU2lztDNDJH81ZUm5a9Y16xj1SBVbc235lrzvUtImtJpv3bNCv/AC02/LWzklHUxasY7N/31SQtuk+ZafJHtal27a5vaSTumJJvYSSTy22rTll3LUe35qnVVWOmp31Z0LTcFZmX0amM0m35qkjj2r1qxHGsi/erRS0tcehXgZm+WrCq33dtTW9vzVqOBlb5ql1IwJcEzLZWX2p25mWthbVW/h+aoJYNq/dqXVurIv2RShX5tu2ppNPklkX5dqtVyzh+b5lrXjWNo6mVR2snY0p4dXuZGn6X5bfvF3NW7Zt5fy/w1WVVj+7U9otxM0ix27SfLWPLHrqdbikrJH0T+xx8MJPH3xAj1OZWbTtLkjvJP7u5W+Vf96v0WLbrhq8c/Zd+H7fD34SaXHNZrb6jqG6a4bb/AN8/+O167H+7raNnsZPmSsywzbakXtUO3ctPX5acW+xm43FaSp4m+X5qrfeqZW+WrcpLoDgkTtIFqFm30xnqNZFb+Ks1KTL+EkbvTW+WoZJNrVC8nm/7Kr/FUSqJOxTcmWvMVadJL8vy15j8Qvj14K+GKyLqerx3d9G23+z7RvMk3f7X92vm34g/t6a7qsTWfhLSrfRo5Pu3Vx+8kZf/AEFf/Hq1pwqTXuohyj9o+1pJmRdzSRxr/ekkVa4rxV8dfAfgeVodX8QwrcLu3Q2n79l/3vK+7X5o+Kvi54w8aTedreszXW1m2w7tq/8AfNcXfXnmSs3mSbm+981dEcPNfFIzeIUNlc/Q3Wf26Ph/p/mLp8N9qTL91vL2xt/7Mv8A3zXnOvf8FBr/AO1fZdC8K2sbbl/eXEjSf/E18ZNeeXDGq/Kq1XXUpI9q/drN0YXs9RvEy5dFY+kPEf7dHxC1C7uY7W6+w27SbVa3t1VlWvONS+P3xA1ZWa+8V6lcLtbb/pDLXl0lw26o5Lr9381dUOSmrJHM61R7M29Q8VX2oSSefcSTM0ar5kkjM1QQ37XDr5irtX/ZrCa4qO4vVt4mZfvNRKq1sZay+JnT3muW6qq+Ztk/u/3qoteLcr8vzLXFy3jSN/FWnpF8rfu2+VmqoVXLcl+7saF0zLWbJIzNWlKrS/Kv3at2vhW71BFkjmt7dW/5+GaplFS2JSb6HPt1pF3P/DWhNp/2WRlZlk2/xR/dpreXGlJKUNyuUotG1dL4JulsLyZW/wCWyqv/AI9WFJ935aks5JIdzK3zVFTlrKxvCbp+8z2mGNWhVmXazfw1OkflyV5JZ61eeZG32qb5futu+atWz8VX9jDJH9okm/66Nurzp0eXWJ6NPGRe57XoepyWcqyRt5n95a9e0PWluo41Vf4fvV8qeHPiBHbzwx30fl/N80kf92veNF1KPyY5I5Fkhk+ZWj+61ck4N7ntUasZ7HqMcquvzLTZIIwu5mrAtNeVZFVl8xf96rkuoedH8q7lpqnG1mzaVr3ZJM0cbVmahItCyST/AMLNQ9jujZm/3qP4ezI06GLPcqzbawtSgjfdt+9/eroZbPd2/wCBVlXljtrD2kb3GouOxx1xE0czKvzVjT2M00jbo9vzV2TaYvmM3zNUE2n/AMX8NSo2d7kHn91YyfN8tZtzpbLGzbfmrvpLFVZv3e2s680tTH8qtXRzKSs3Yymrbo85vNPkVm+X5ayptM3f71ekXWmq0f3awbzTfMZm2/w1anCByuMZbHAS6a23dt2rVWS3khX7u6u4msV2/MtTW3h2OZo/M3Kq/Ntq4S5vI5Z4ex5+lvI0e7bUi27NXoS+EFkXbHHHHH97dT4fC8ckjKy1c32MFCaODjs9u35fmpy2MjSfKtehf8IP+8ZvMZf7rfw1larptvpe6RmVV/hpU5wbswcHFXZzSW6ovzfeqNpljb71QanqnnS+TGu1f71Udu2uyKXQyqYjSyVzZkvFmi+X71Y11JuZmokuGhWqsl0rferS/LscUqnMH3qcsvzf7NVJb+GNf9mqcmpLMn92k5pi5VE057tV/iqlPfb12/w1nTXDlvvVE0nmLSUkilZ7Ekkzbt26rlrNtrOA96ngap5myXqb9vPU0c3mN/FVC1+ZKnV2rRTV7Mn2bND7Q0f/AC02t/ep0TLHHtXb/vbfmrOX5mpY5vL+Wrl5E8p0um+JtT0uP/RdUureRV2xtbybdtdtovx48V6Wtuv2xr+GP5vLuJK8oaTa3zVYimq1CDV5A5SWzPerX9qTUoF/07RrO7/i/cM0bL/8VXbaV+0x4Y1CNmvLW805tqtt2rJ/s/3q+T2k+bdTo7ry5F3LupThDl91h7ScT708P+NtE16BW0+/jkZv+Wcn7tq3Vu1VN25W/wCubbq/P+31a4hlVobqaHb/ALVdz4e+NPifw5tjj1KS8s9vzW8m371cUsPNK8XY6I1V1Ps2K53xbv4qkWTd81fPvhv9qC38yGPWdMht1kX5pLdmZq9K0D4teHPENr/o+oRxzMzKqyfLuqoSlFe/e4rczumd1HPhdtNZtq/3qzbO8aWJZNy7W+627dUzSfu/lqmnPqJ+6rouL/ep3mqvy1nwXO75asbv4qwScZbkc2l2DL5cjMv3mqSBfLWo1m3UeZ/nNdMkrcxcZfykka+d8y/Mv96iTbtpqzeWu2m7d341kpNK9i27gvzf7NObc1NXctPX71Qqut0S3LoxPNbbt280771DR8UJL5dTUlzC5orWW5HIzVNDGyr81Q5aT71OhkZaxlzJ3Q+aPQdIvzUKyt8392o2uG2/dqGSFlZfm2s1dcZaWsZdCbzm/ipzbZI6rxszPtb7tTbo4WZlXazUcztdoqCUVdlhIv3X3qb823aq/NUM03lxbt22i2n8za38VTD947Xsac8ZL3SwzNt2t8tRs0bfL96h/wB4zNUbSLGvzLVxopb6kqTfUc3yr8q1HHuVm+amPNIvzfw0xZmb7y1nZxlboVGHcuRt8tDXCtt2/e/3ahjZtqt/DTWZd277v/AquajNWuZc3KOuZpmVfLVaabjylqRfu/NUbWyyt93dWdKMoOzNF726HR/v0+aiHzoGbc25f4aasbRipo12/erWbdrRNYxUhvneYu6oGuNy7Vonj8tt0e75v4ajVo2+Zm21yezbl7yNH7itccir95vu0t0yqn94UjNHt/vURL5jfd+Wu+O1kc0bkLSbo13LwtOhZmbdHuVW/wBqnvH5C7lpIZtzK23bVatWicspSi7pn11A3zbmq6lULXbHHtq3522DO35qpXvZI3cGldCtIskm1lanybVVaigk3N833qlb7lVb+Yz1HL8q09V3Uz+H8KerNtqPQrpcGXc33aX5NtCyfLTGal6jSvsRTdai3MrU9mZm+WhY2daHK5PqMeP5t1N27m21PJ93bTVTatQpKRDhbcI4ql8vatRBv4qk3DbWi0HbsC/cpsjfNTJGalVlalLyMkle4+P71J5nzUL8zUMv92nC73NYpdWOb95Uax+Wvy0u7bSSSbVp2YTdtgZm/ipm/dTh935qhbatYNXHC6VxzS/w0N92m/eo20lTu7oiVpbjd241XkZvu1Y/1a1heIte/srSbi4Vd0y/Kq/7VOVuhooPoeZ/FDxDGuvfYI/LWO3+aSTd/FXnOoa1C4Xy23NV7xFbjVby4uPJWOaRvmWP7tcldaezPtj+X/rnV+/0RpFuJieIdYVo5tsixlV/vV5JfeJGknmtZI9u3+LdXaeItB1mCRVaGORW/wCmi15vrGh6358y/wBmXDMv/LSNd1VJStawRvJ3K1426TcvzbqyZIWWRpPM/wCA1NYrqMfmLdWd1Dt+b95Cy07UFWCBZJPlVq5JwvHU7Yzd7Jma87K38VVnvJFkp11L/drPkmVeWb5q4bTTsgk2XvtTMvytVu2dmG7dXOrffvdtWY7nyVZd1dlN23FyO1zdZqyNajW6tZrfbtVl20Sak0cPzVnXd8rfNVylzOxk4p7HKXljs/vVSZfm+98ta+pXHmM3rWVKrbflWqTjayHysg+61Tq2aj8lmWljX5qcbSNLFmONm+Wp4ottQxNtkrSjh3UmmthxH28Py/LVqKPc33aZBCy1oQwsq1hOT6lqDeyIGg2/dpv2Vm+9V/ydq7vvU+FN33qz5u50xpfzFFbX+7Tvu1p+Su3bVdrPe3y9aObmHaUdtiCPa1ej/APwavjb4taBpjRs0EkytJ8u75V+Zv8A0GvPGtmjbbX1d/wT/wDB0114m1DxLJFtt7G18lZN33m3f/Y1vThpdkyundH3TF5dvtjjXasa7dv8NTSNuXctZ8DN/F96rDSfu6qnboYSbJmb93upvm7lqrHJt4qTdVRqXdrGdpFiOapFmqr5ntQ3zVU5WNVoSTXO1ahWfd92opV3NtX7zV4r8cP2kdK+EdrNptmv9q+JZoWZYY/9XD/vNWNp1JcsEa3jFXbPQfiV8XPDXwt0v7Zrt/Gs27atrH+8kb/gNfEvxq/bC8U+Po5tN0Rf7E0Zm/5Z/emX/a/u1414u8bar4s1m41nVbyaa8uJGZlkbcq/7tcvPO0v+7/dr0aeGhB3nqzinV5vh0Ld1qUlyu6aZppGbc3zbtzVWutUkZY/mwq1Rkk2/LVaW4Zdv92umpKMNjk5i294zVD5y/3ars25ad5fy1Dkrcwopt3JJJ9y1XaRVX+9R5S+tMddv3ayU77mvKNkuPlqHzN1SNGrR1C21f4qz90Ubrccyq3vVHUJtq1Ydv7lVZl8xaGtboXu9zN8w1LBcND8ytUMv7pttVwzNS5lEcbXsjpbXVt3ytWrHqTeX5fmNtrjYN0nzLV5ZJFXarU4yl0KatubN1Pu/iqqsm5v9mqjTMtMjuan2km7MFpsbUS7vlWnNbMrVmpqXkrTU1xfl3UJJ7gmpbmg0bR1Ik7J96qqalG1TLcQs3zVTtHYXKh32rczLurtvBnxIutDWO1vJGuLFW+VY1/1a1w8iws3ytt/2qlgXy5NqturNwU9johVlSdz690fbeW9rcQyeZHMvmK395a7zQdNWXa33v4q+Tvhl8VrrwPqFta3Ef2rSG/dtH/FHub7y19Z+E9ag1GGG6sZFmt5F/75rz69KaVke3h8RGtubP8AY6wN8q/u6SfT4fm2xqu6ukiWO4t/4fmqGaxjkb5a5FJx91noJfyo4m60td3yr96sC+0z5m/h/wBnbXfTQbd392sy+tvOX5lVqLaXHLm6nnM+nSQLu2ttqjcwNH8q/wAVdrcWqsrLt/4DWLPa7m2stGlrXuZvXc5hrPbGzMtY2oWu77rV180Lbtv8NZt1Yqv8NaRg7XcQbTVjk5dP+X/ZqnPY7V+7XWtYq33VqrLp+5l2ruahQ5+hHKmrM4y60nbtZl3LVy3sf9n5q6VrNVXbtoW1WH5mq+WcdzklF3sjKXTdu3+7TmtYYY9qqq/xU/xB4gs9B0+S6vJNqqu5Y4/vN/wGvJvFHxYmfd/Z0a2v8KtI25q2jCU1fYxqTjBWb1PQfE/jC08L2+3as19Iv7uH/wCKrx3VvEU19NJJNJ+8b+H+H/gNc9qfiCbULyS4kkaSRvvNu+9WZeXrTfNuat1RjBc3U8qpWcnymrLdRx7m3fNVZtY+Xj5lrF8xn+992kPyrWilI5bJbF251OZm+98tV/tTfxNuqqJCTTytHqVsSNJ5lIKTcVppfa33aOUl3Y5k5pu3FLu3Uq0RCNxPvVZh+7UXy/w9asRrtWlpccrlqBdq1Zj/ANmqkUny7auQt8taaLzM1JrdjfM2y7amVdnzVE8e75qkWRdlEZX3G7dB27zFoXcv8VNXaq1DtZW3M1Obf2RRt1LfnN60jS7vlpP4aZ8q0lNrdjcYvYseey7amW5Xb97bVGSTalRR7mb/AGa09pOSsRGKvaJtQzxsqs21mq9Y6tJp7N5bSKrNu+9/FWBLu2qv3akhudy7aFJou/LuepeCfjN4n8MyQqupzXNqsnzW8iq3y17p4R+O+ieIrP8A0iT7DqH8Udx8v/fNfH/2hVX5WbdTopFRflZvMb+KnyqWw1JSdz9AoLyGeNZIZFkVv4o23VYWdm/ir4+8BfFDXfCa29vHeNcWEfytDJ81fT/gvxVZ+MLOa4tW/eQ7fMX/AHv4lrmnHkBRV7nUxsqJTo33t83y1WVY5P4qnSLb827dWDqSkrWHzPoiaRVkpytuj/vVDubd/s0ed5dPSPxBzPm0CSX5dtNSdvu7aFmjZv8Aepyx/NXRGKtdCk2tyZZNy/Kv/AailuPLbbT13Rtu3UK3mSfNWi5UtWT73QSGTetPXy/4qPLWPdtb/gNRwpuauadujLjJ9iwvy/7tNMe77vzVG03ls0e2nK27+HaahtLcai27yQ7aPWoZ131I3yt96o3WRhuVtq1o6fM7yZpddGDL50O1VqO2i/u1NHHtWo4/3CttqasY200JjBU3djmk2NuoWZWX5qgaSRvl3bqTZ5e1mqqTSVmTJ82qRYXbtbc3y06GRcfL8yt/FRGqtHUazrCrfxVnL0NI1OXS45v7tOjhXb83zU2FfN+ZqI2bb93bSjSS9641du4STNTrbb/u05ovMXdUfKtTnNxdlqSudjbq48uRV2/8CoZmZfvU1o9zr8u6kmVlk+Wjmmndmyj1YqzN5bKrbapKv7yrkMSsrM1N8hR96tJOpNbEuKW47bti3N81LDJ5i/d205JF8vbSxSeXEyyf8BpqXK7MnTsI23+7uqGWNlVm20nnbZPlqxLcfu/3bbWr0KPI3Z6Gd11R9YR7VarKuq/Lt3VBEu1tzVIz/N8tYwlbdGXwu6JfvNUsfzLUCNUyrtWidpbkqUp7A0e5aeuVoVlameYu6sbLoauLSsDyeWvyr81Nkk+WhdvmUMqtub+KhJwd9zF8y2GtJ+720QzfLSK26kaNVbd/47V6XuxO73HNJuoVm20LtX5qd5n+c0a9C07DJm3RstEO7Z97dSyrt+am7t1W247Eb7i7TTW27Vpu9lb5vu1HtaSTdu+Wjmb3MnHsi1HIqrTlm3LUO3avy01fvUOK6BF8o9fnpzLTVb5aZ5u2r5Va9y78246Rt3y1XkpzNS7d3SuOXvOxqMVqPvfxU2T5V+WiNvlrXl5VdMpcoSzeXXlvxL8Vq2ox6fbt5fkx+YzR/wB5vu/5/wBqvSLjczbV+WvnLxdDNN4w1KOSRdsbKu6P5dy0KKvfcas3Yasq+ZUMvlozMqqrNRHbsy/K1Q30Uka1d+5rY57WIV3N93/e21zzw7l+VmVV/hrd1BvMb5qxrllH3abdtmXp9kwr6NpN275qwtU0O3ii3NDDI0i7du2us89Y1ZpFrlfF955kStGqxqu5fM20tb3MXJ3s9DyTxZ5cbNHCqr5f8X+zXCNcSSSfNursdYuVuGkVtrfN/d27q5yeFXk2qtYypxvexvzOSsZclxtbcrfNU32pmX5vvU2+0WZdrRyLtZfu/wC1WZNLNbx/MtTNW2Rrb+Y1J9QkWPbVFppGjb+7VeK885trVIzbfkrJR5leQXS2I4P38iq1WLrTWjXzN3y/3as6fb/xfdq9cTL9mZW/u1pFcoOLteJzDLtanRL81OkVWmqRYA1Q2lsZpNkiqrVdtofL21UWPbWja7ZKzuzpi9LMvRqqrVyNlZKpRL5lWlj+XbWc7yNqcktyRF3fLTtu1f8Aap0LeSKmjVZPmaskle0juvZXTIW3MtN8zav3vmqw0qt8qrVZ1+atIxTdtgkvdFVf3bfLukb5VX/ar9Lf2RvAi+Ffgjp00kf2e41KRrjb/s7tq/8AoNfnZ4E8OXnjTxxomhaeyrdXVwtfrD4agh0nR7PTLf8Adw2MKwxx7t33VrrlemrHnyS7mhJH5clQyN8tJcybm+WoGkbbVRS+0cz97YFkUzbalkm/u1Q8za1Oa42ruas+SPQcW+xcLMy/eqNriT+H5mqH7Qrfdry745fHCx+Efh9mjkhm1uZWW3t/vfN/DURjKcuVG0pckLsw/wBo79oP/hW2g/2dpF1H/b94rL+7+9bL/er4B8R+JbzVbqa+uri4mvbhmaZpJPvNVnxF4qv/ABRrV1f6tM11fSN80m7+GuV1SdWb5flr1KdP2e55Mqjk73Hed5y/N/DULT7l+WqnnNt2r8tOX7lOfMndEykLLJuWqiv81OmdmWoVX5vasJOUuhcWrXLG/bT45areZtqSF9qtWqViG5Mss4qGX7tM8z60zcWot3K1FX7tQtHuqb7tNk3L8y1i42LUmyGRdsdUriRtvy/LV1laTbTZoQq1S5nsZSir3MCdJJfvUtvBt+9WlJbrGu6oVoa0s0bR5eg+3iVfu1JIqr/vUQx7fmomUfepcqtYsbu+Wm7f7q0i/wC1UjSbelUopKzDmK0oZvlqhMzRtWp5W6q1zbL96oM7roV4Zm2/eq3G7SJWdt2yVetJty7anXqVra5P9oaNV+auj0yzmurWGVWj/eL93dXN+WG6VZt9QuNPX/R5PL+bdt/hrWPkS1zbs6W40+4ij+Za6v4cfGnWfh7c+VCsd5Yt96G4+7XJaZ4sjdVW6byW/vfw1la1qtrPqTfZW/d/7v8AFXO25OzR005ul8LPtf4b/tOeGPENrDb6pcNYXTNt/wBX8qt/vV67p2rWupwrJazLMrLur8w49Q3bYWb93XoXgL4z6/4DuIWhvrq8s1b5rWRqylh5N3gzvp4x/bPvy4gWRt33azJYlZv71eYeBf2jNI8ZtJDJ/oFx/wA87j/2Vq9FjuWZl3bfm+7WNTmXuyWp3xxHNtqVbzTPMlaRfvN96sy80/avyr8zV0L3CqvzVnXkys3y1MYxjrJalu70OWudN2ybtvy1RuLWNvlZflrpblty7azZLXzPu/NXRaUo6Myu46M554F3bdu2oGtFVq257by2+Zar3EtvZwSXF0yx28f3mkrkjTd73K9orWZiXK7VZtq/L/FJXnHjj4oW+h7rOxWG7uFVvMk8z5Y6474tfF2TxLcyWOkM1vpkK7d26vJNQvJLqNtz7m3bvu12Ri+p5lTEOLtE1PEnjW819me63eczfe/hVa5qZ/MkZv4mpjt/eprOWX5ao8/mlN3Y9no37lqOhflrRbWJsSfxUj0jttX5aajcfNVrQSBlwvFImWp+5mWhV2/w1m/Ib0EY0m5vSpcbqcseaIpkc5EAaeibvmqTyQ30p8cW37taxpv5C5rDo41Wp0Zai20vzUvdiK7tdljy/m3VMsbD5qhjb5N38VOS4arduxm00SySMy7WWljbb8tReY3pUvlqq7mrNuLK5b7Eq/KtV5G3NU0cm5ajm2s3yr81VKKUQV10uNj+Ybd22rezbGu5t1U/46erM3y1gopdBpXHbvMVv7tKrNtpkm2Nfl+9TVuNi1pG3Q6FK3UsKzKvzNS7d33aibbJHup6/LHVcytYxlHmd2Lu2VJHLt+ZaiX/AGqRlqUrkSivsmhZ3TRTblauu8FeNr3wZqTXtrdXEayL+8j+8sn/AAGuFtpNi/LWjDc7lVWraLVrNCceXVH2l8PfH1r4402G7tZvlZfLZZPlZWWu087dHtr4g8HeMbzwdq1vcWLN/rF3R/wtX1v4N8bWHi7So7i1uN1wse6aORfmWsJU3HW5UaztY6lZWVlXdUkjKf8AeqmJlk27fvVMsu771csny7msdrxJ41Vovu06H5V3LVZW8xf9mpYo2Zdv8NJVE9kzFN82pIk+9trfeqRmVarSfu/4fm/vUfNIu6vRjGDjztal81RehL827/ZqxGqsu5vvVBD0qbzVj+9XFUTqe7E05kMVd09OkmVW27vmprSq0m1W+aoZF+f73zVFOioP3ipNPYkVlkb73zU5m8narfxVGf3bK235qS6mXYrV2TlbYyjFJ3RYkk2Q1Ujn+b5m20K0jRr8vyt/FRcQLHGzfermlGVT4S1fqywu372ab5n96oovmZV/hqWWNf71OnSlH4kTKorWTHbtq01HWSo5GWNdv3qF27fkrS0+uhkoxTuybcvlttqtC8kat5n8VP8A9UtSI0bR7a56sG9jp5n12Gq0jL8rVPtVvvUjyeX/AA1TgnWRm/hq6MLRuLZ2TLjSf3aarbvvU5o1aP5fvVDsbdu3V2JScfeQN92RrMrL+7bdQ26Rvm/hp0m3d/tU5UWOBmasXK2ly1UV7MgZmVtu2nNu8v5vmqOPy1laRf4qleZlj+78tOKfNsN3ZBBJu3VIqssm5l+Vv9qoVlaOb5V3VNJLuZd1epFSj7zRm7pWPrhZNvy1LUELKzfeqx8q15qqa2Rzyk+XQmj2rUqt8rbarLHup6ptrVu+woStuLvZGpZH2Q7qFjV/vUj2/mfxfLXNJzi7o25Y2vcI2/vUrN/FTB8v8NG2ri3L4jNNQ2Ht2oZaYvzNtpWbYvzVV+zG3cG+X5aGbb/vUm7zF+Wk/hrNX5iZK2w+aTaqrUe7atNkfzKbtFVLzZm9Bytuo3GkorWGpnyu1xWb7tOqP7tSKzMtKT1sh04u9w+bbTWpqs1Nbd/Cu6mnbdmrd+gbVZqfSRq1DM1ClFEO79Rsi7qFj201fmapG+VazbTHTVT7RQvG/u14f430xbPxVdKytuZV/wCBV7rMm6uB+K1iqaDHqMixq1rIse7+8rUul0WuaEtdDzGKNYI2/u1jahcMu5fvVNqviGz0+NfOmVd33V3Vzl5rkfzNuqakZSjvY6uXm3Ibxlk3bqyp9rVVvtaV0/eferIg8Rxyrtkk2/Lu/wBqs4+6rSNVF9CHxBfLBCytuVv92vMfFmoSXMbf6RIvltujWRt22tjxxq9utz5du0nmL8y/vP8A2WuF1K8kuE27qiVTW1ynT69TBkuZLiTcvzLVq1tvm3MtOS22tVxJI4YvmroTSV2RbuOaxjdVrG1fQ4biRmX7zfw1ubtsNQJ87fNWLk1LXY25fdOJuNHkt5N23/dqn5TLIrV6FdWMNxG25fm2/e/irjNQtZLaT5vu03ypXuYp26Elq/lr81R306r/ABbao/atlQSSNO+5qm6qK2x1xq2XLYkba3+1Ui/Ku7bVdY28z5WrRi3SL81NKPcxVxkUfnVoWsKqtMjh2x/LVizjbdWcnyq6LSi9yZV8urcK/L975qcq/LUkUKr81czld2sdsKbtZAq/3uKmZtq1XZm3U57lY1Vf4qWkXe5pyTW5G0lNjj3NSfxUjSxwKzSfKtdFF8zvcmbbifQ37GPhqbVfi1HqH2VpIdNh8zd91VZvl/8AZq++rbbC0jfxNXz1+xj4Tm0H4Y3Gp3UKx3WqSKytJ97avy/98/e/76r36aRvJ2r8rVnUrS5tjks+5NJcbmqrdS/L8rVGsnlr97c1Nk+ZfWtY1FP4kZ3UdiOOdmjZlqaCZm+9VfzP4VVVrE8WeLLLwLo82q6nMtvawxtJu3f3auO9ivaLsZfxZ+J+n/CjRZtRvmjabb+5h8z5pG/2a/Oj4g+OtX8aeKLzW9RmZpJpN0a/3V/hWtD4s/FnU/ih4xuNVvpGks490dtb7vlVd1cDcXTN/F8v92vRo0401fqedXm57Dpb5pNzN96sW6naTdtq9NMrR1iXUrRt8tJ1bOxhGPcsRtu+WrcbbIfmqlbNna1W5I/3dUp6XSK5F1ZWnfe3y01W205gu75ahk+Zqz531HG3QczLUccnzbac0a/eqOH71Pm5epbuywrbqe3SoNvk/eqZZPlqlNydmT8KuG7bR8rVG0fzUN92nKCjuibqQ5l2/dqOSNpKmqSNVk+9WfNy7MJNmbPBu+7VV4WWtiSPbVdoV9K0j7yuJS5dinAvy1YWLNOVdrUR7Vbd/F/dqZcsTTm5tyPyvmps1ru21e/hqrNIyttWnFOQK6I/L8v5ajkg3LUjOy/w1J5i+XUcpS8zIuIsbttV4flbd/FWrPF5lUmTb92p9EWTod3epJ0+X5ahi+Wri/MtF2TyGVI2yq7SbW3L92tWWFX+6tZksLR/e+WnK8dhR8yxbz7m+9WrHKyqtc3by7ZPmWugsf38a0qcpKWgpSZpRX0jNG27bIv8Vex/DT9oO+8PLHp2stdXmnbm/eRqrNH/ALteb+DfAGt+PNQa10Cx+2NGu6STdtWOu0vv2dfiBo+j3GpSaZDLDCrM0dvJul2/7tejLB1akeaSMqeIVOW59S6H4js/Eun295p1w15ayL8sm2rU88cMnzNtr43+F/xEvPBOpRrJI39nNMqzQ7m/d/3q+tIbi31C2hurWRZreZd0cm7durxJUpwnytHuRrqUfdepYnlWT7tRLceRH93dUcsm35VqnMzKy7f4quUOVaI6oz5lZkl5qFqsbNNIsPlruZq+Xvjj8Xo/F839laZJMulRyfNJu2+Ztrtvj58TP+Ees49A09vM1Ob5rhv+ea181XE2yHbVx0V2ediJJu0SrJcNu2q3y/3agaZqRnzTepqnNtWscHKuoPHSbflqZVG3d96mfxVnqtyrLuIysB92mrUrRt/eoWFs7qabWyBabDGi/u0LC23NXVjVlpdny0LUGV1Xy1pwj31JzTl2rWkTldxixgLTo9u2ldVb7tLFb/L81J6O5rGy3G/KtSRq26k+z0/a235aSlJGkrSHybWXa1RLuXqtSeTt+ZvmpyrVXctzn5mR8tTo08tam2/3VoWNmrTk5Ve41LtqRRt5lOklbd93dVnytq01VWOoaT2Kcn00Gqy7P9qhW2r/ALVLHF8u6mybf4aTtFaMFdCTRtu3URyMtMaRt1Ss22GsOd7lRS6sdGzMrMy1CsfmPToZVkjZf4qi8xlatHLmIcktB7Ky/LVr7q1UVvMqyu1Vq1ZK7M7voHmKzU5pN1R+TQ37tahysVa2wIvlt96rsbbV+as7azNVncz/AC1T5pqyNrLqy5HctFJuZdy11Pg7xZe+H9Yju7O6khVY9vlx/db/AHlrkmVtv96rVr+7Zfmp0+aKs0Yzetoo+xvAnxG07xpH/ozNHdLGrSQ7f4v4q7hZF2/7VfEvhnXLrR9UhuLW4kt5Nyt+7/ir678JeILfxRocOows37z5WX+638VZzpqaJVRr3To1k3L8tWI5WVdtUYW+bbVj7rVHLKEdDT3nuRmdvMbd92rUS/xK3y1Gse47alWQQzeX/s7qIylJXYuaXUmjVpJP9mmzfum/vVIs22o5Lht21aalJ7DVluHlq/zbV3fwtUTK0bfNVlZPLao5185t1a6S6m1na6BW8yPFQNFu+83y0eV5fzbqiZtrbmasbS+0VBpbj1lZX2s25asrcJIu1dtZ006tuZajhm3SrtX5qtpJXM5XexbuY2aaNVbb/wABqeRZGbb/AA1DG7Z/vVY+aJfXdUe0lJ2ZPs4xV+oyVcLt21GqtCm7dViX5l3VWmfctba7M5p87Vx/nNIq07yVX5qiWT5VqRZtyfe+as+aMXY2pxfL7yJVk3fLTbiGNWXavzVDBJ837xdrU6S4+b3qlWV+U64xbVy5uXy6pytJ5n91adFLuX/aprTySLt2/LUTi57SsKy6ibeN26m7Wk+9Ru8z7v8ADUkLrG3zVz1Iezd1qae6M+x+Yvyt81MaRoWaNqJGaK8aaPcqstSM25d0nzNXfR5qiu0YynH7LIV2rJ/tNUir822lgtW8vzGb71TNFmtfauBy1OaezsfVKQtE3zbW/wCudXFbdVVW3NVhVrki18NipRjHYmRqJGZaan3ttPk+atYvl3Y1Zq1hFVqGk20K38NR96x0lLUp6K0SRWz/ABU9V2rTFkxT925flrfkUVdGenQh3MrbqVl3L83zU5mams/3axakuhSg0Ee2NamX7tVtwpd1XC8ulhtWJGVaazNuo3bVqNWZt1auWlrEyirXH0qrSUnmbawTmndEKN9h3FOaTatV2Zmb5ajkaT+GtuTsGxIzUSSMq/L96oVXcfmpzNtWly62aLVvsk0M3mUSNtqG33f71SN2q5JWujK7jLVBFIrNtqSb7tVUZvO+X7tWJOiVjyo0i3e5D5nl/e+WuU+IEH9oeDtSXb80a+crf3Wrq5v3y7WrM1O1juLSaFtzLJGy7f71XD3dhS97c+R/Gixz2qyQyL9okZfl215xqWuX1tF++jjbb8qr93bXv+qaK2n2cnnW+7yV2+ZH81fN/jSeG1WRppdqyM235ttXWqpqzNqUGjAuPEEyu0jTMrf9M/u1zWoa9cfaJGWZmk/9BrP1TV1ZW2ybV3fL81c9PeyM3zVwc8pHcpyWxrSX26RpJpN0jfeaSrOn2rXU25f3i1xs9zNJM275V/hq1pWvTaXfRzL822m4xauxNykdtqVr5EDSbfu1jM/l/NW3Z65b6tNHG37tZF+VZG+81VNesVj3NH8qt822mp22Rm4pGfHfeb8rfKtCXCxzfw7awI7lvNZZPlqNr5vM+ZqhRu7ti9Doby8Ecf3q5bUNT+2Ky06e7aRflWqEkfmVvHawalF0bd8tSQKzNUkkci/dpqQybqzlH+U0XMiRV2t8tatnA0tVrezaSPdW3br8vy/LU8qN4QbV5D47X5fmqeC1Wnwr5lTNHt+bdXPzyg7nRFR7DfLX7tHmLC33aFZZJPlqOaP5qjkdTVI0lPlV0RXVz8tVY2+bdU8kSt96qske1vl+7ULmvaSB121aJLJMzNtWt/wP4TuvHXjLRvD1vu8y8uVVm27tq/3q5p5lRd3da+q/2HvAa3niDUfF93btGtnGsdt5n8TN/wDY/wDoVelGCjHQ5n73xbn2BptvH4c0uw02OP7Pb2sKwqu3/Zq/9sWTbtaq10sl9/rKr/2RI3zLMysv+zWKglq2YXdrF+ZtrfepFkZflZaYq+THtkbc396myT/u6XMSopK5BJ8sny/eavkz9uDxgsl5pHhq1khkaP8AfXXl/eVW3fLX074q8QWvhXw7f6zeN5dvZwtMzf7tfmT4w8TTeNPEuq67cMzXF5cNIrf3V/hWvSw6jJXkjmrXtZGE67V+9uqhK+5qluJtse2szzP3lbymr3sc0UTynbD0rInb5vmq5dT/AC1m7mZqxlFSKT7mhY/vGq3M/wDCah09dsdPlO1qE7Kxej3K7MyrUMbbm2tVhl+WoWbbQoJK7Js+g5Ytvy0xo1ib71PVmaOo2jZlq04N2SJlfqyRW8xakX5faq8cWPvVYX5falzJbj1ew7d8tNZfl/2qduVv9mkk2/w1Wsldswt72wke7+KnM1RqppzRsq/7NQlbdGrVx/nKy0xv3lIop+3bVX7IqxXaP5vvVD91t1WpvlqrI25qlySBRTHeezLQ0m5Kaq1HIv8AdrOa0vEuKtuP/hpu6khXavzUrD5vlrOPMWpc246Rtq1Qk+9Wgy7U3fxVWkZWauhSa3JlfoQR7d1Xl+7VFvvVcglXbS5E3cFKTJFX5qq3lv5y1YV6czbo9tDtLcFFv4jnmi8iStbS33zRsrLGv/TRttQ3MGW3K1Nt/wB38rVtTtF3Mqlz7p/Zj8OKvgnw9HazLDcatet51xGv3drMv/stfU+uQ2mmxWVvH5ar91v+ejV8b/sv/FLSl8NaXoFxcx/2vbzSLb/eX73zf+zV9C3V415I1/fTLa2scfzSSSfKv+1XoVcZNqy0OeOGje9z4o/aa8G6f4F+MGq2tgyra30K3v2f/nnu3bl/76q18CviQ2h3cOhX8yx6ZMzLHJJ/yzkrlfjt4+tPiB8Vtb1Sy3NYx+XaW8ki/eVV2/L/AMCVq4iO82wsteTOTqas9CmvZn2y2pQysywusm1vmrnPHvi6z8GeG7rU5LpY7hV2wx7vvN/DXM/CPxevizw3G0jbb2GTy5F/2dvytXiHxS8eXHi3XJNrKtjbyN5ce7crf7VYLmXU7JVly+7ucXq+r3mp6jd399M1xeXEm5pJKxZ5Gkk3VYeRppKds2t81U7vc4pSXUqrC0nzGkWFd/ymrsi/u6riPy23UkkzNaDli+XfRIq7dy/ep3mfLSSNtWrfK9ilo7kUa/N81St3pY/mWpG8vbT5G1dFKSY1Yt3+7Ukit91aa026nKzOvy1kotGd7u1yPy/+A0Rqv3acv+1QV+X5apyih2cdiFl2tUyx7l+9TdrbqnjT5an3U7jvzbjNjLtqVI2Zflp0ce5v9mpf9T92qcrK4o8vQjWNmanbdv3qkV6Rtv3qUZSkZOLZCsjRt92nszKtSO3y/dqGT566o2tdmKvEVrj5flpWm8yOkiVV+9SyLt21h1sjVyur2Ilbcv3qbI/lLUtxGyr8q0xfuUW7Eptjd38VOaRZl3L92myfKv3d1JGqyVNvI0vG2u4sa+W3+zUsm1qSRNq0ymk2Z2XUWF1VqnkkX+FagVVZulOkX5vmoctLI0jePQd5zK395aTb50m5mp25Vj+Woo5VaTbSirfES5J7Ftfl9qerVFI21flohXatbStFWRPvWuT+Z/3zUyybdu1qhjZf4qN3z/LWXNKKtYpWZetW3Tx/3lbdX0n8A/Gkd9bzaFcTLHNb/vI1/hk3V8zblXP96t/w3qE2l3lvqEMjLJG396rjaSs9xuF3do+6YPLVvm+9Vid42j2rXGeC/FUfirw7ZX8Mm6Rt0ci7f4lroY2bd8y/LXJUXLujRNt26FyO4Ztqxt8tTu0e7cv3qpxReZ80e1f+BVJCrRs26ohdbmtlaw9ZGjX5fmamxs0zbv4qmVfl+7TWbavyr81bU227NWE7LcbJN5f8VLHIzfxVEsfmN81TbfLX71S5pBzvoMkVvvNTJF+XrTmuFZ/LaRd392m7l3ffrNTadx8zlrYa0G5d1EMfkybqllm+X5VqKF/MX5vvVonzfEU7NWbJJPm+ZflqWGVlVV+9VXzG3VKsgVqTlyqyI5VHcsq277y7aGjjZPlXdtpm7e1Pi+Vdqttaop3vdvUGk9iJv3n3V/4DTY1Z+n3qlXdG3zVC0jNIzRqy1nX53q9jaEFHYf5Ui/7VI1qrD5vvVNJcrDt+Xc1CSqyszMq1dOppZormcVYbawt83y/LVjb/AHaj+0LGu6oftXnK21a0k10CF27y0JFiVpG21XaJpJGX+GrEMu2NVaP95/vU5pPl+781TaKd2rmcoyl8JQgVvPbc25an3L5m1qlWWP7sny7qpytHHJ97c1bRquXw7HO4qG5dluFjjVahWdW+Vm21FGzN8zVEyszbv/Ha9BqEo6bmEvePrm3+9uWrS7m+9VeLaq1Yi+7/AHq41a95IFT59mOVtrU5mamr0oZamVpbFcri7B/F+FOZflpsa7flWnMzbdtJrsEUhq7s05flqOSXa21fvURyblqloTzcu5I8m1fmao/vfdp0nzRsv96o/LWNf7tKonJXbFFuWxMrKvy0bV3VHHJ8u7+GhWVvm31PvGvwgzfNtb7tO4WoWbzJNv8ADUn3l2rVcztaQ9BrP/dqOSba22neXUbxr/erSMVa6MfaPoSL8vzf3qa7baI1/d/e3VD826kou97ilzSLUe1l/wBqm+Rtb5m3VHG1Ejt/e+WtI26lQbjuCusbbad5m9ttV2b5qsJHt+as+blloXfmHLDtaiZtoob5aNqvGzVpPa4oyj1Id26q06tv3K22rPyr91qr3J8yubUU5Loj5U+P2oa/a+LLiy0+RrPTdqtHN5fytu/2q8Tm8AWTS+dqd1/aW5flj+7X3P468J6Z4q0q4t9ShWSP7yt/EtfJHjbwhH4V1W9t1t5FWNd0c0ittkWtHFTVkFN93Y8y1rQ9GsYZLe3tY4YdrN93dtrzW6sVVf8AV7lr1DVtPuL6by2h3LIu7dtrltV0VrGOTd8rf8s/l3bq5588Y+6dkZLozz+8iW3WqjQbvmrom0/zm3SLu+aoLq3835fu/wC1Uw5lH3ka7ao55tQuLeb/AEdvLkX+Kug0vWo7z93cNtasiSzXzGqPyWtf96q9npdibctzU1e3ZG3LtZawZG8tt1bsd81zb7W+X+HdWXeR+TLt+8v96q5bq9xJNfCVdzSSbaVrVt33qmhiVPu1NIqyLXNK17pnRG0dyntVWqW3i8yRdtP+zfL8q1paHB5NxGvkrJu/8dq7uSshuaLVrZqvy7WqO5ha0k+Wt9rfavyrWfeReavzLWcqrSskU22Q29x8v+1Un+s/irIka4s5f7y1ajvln+X7rUaxV2aQlZWLat5fzLUckrSK3zfNSM3y1DJJ5dT7WMdjTpZEjfNHtZqpzyqrbVoaba26q7SeZJuVdzVcW5O7RLfLqjd8N6Be+LNas9G0yNZtQvG2xx1+n3w18B2/w58F6doUK/vI4900kn3mavmT9iX4Y2si33i/UbXzLyGTybWaT/ln8vzba+uo1/dbWZmb+9XTOpH4GzBzb3LEY+am3F15a/LTo5PLh/2qq3NJJNWMo6u4ySTzG3VC021tv8VKrL92sPxj4gt/CPh/UNXuPL/0WNmXzG/i/hrGCbny7l1JKMdD5t/bU+K6r9h8FWVw0TfLd3jR/wAX/TNq+Q7mbbJ+7+atXxtr03i/xVqOt3Vw1xNcSNuk/vVzzzKtesvdVoqx5Mp82w24k+Ws5ZN0jVcuW8xf/ZqzdrRyN/FWTdnYIakdxNuqKOTdJTJ5GZh8u1amsY90lQ42LcUjUtv3K/NRPJ5n3ac0e1KqsrbaqNupNl3I/Obdtpyt53ytUaqwaplX+KhJp3Ka0vcFj8upF+X2pu7+9TZG8xtq1fJJq6MrrqQyT/NTt33W+9TZI9rVJDF/FSSa3Rolpe5IvSnK25aGFOUKq1SjLoNPuRxqd3NOklbdQvyndTpW3VUo824RsN3e1N8yo2lZflqSNfMpRlyqwSta7K8srU6PbJUzRqud1VZF/efLTlaSHT0VyTb2Wm/Kv+1TVkbbtpMmo5eUG7jG9qZ8y1L8q0uTWTm47FxkN3H7tQ+Xub5qnqNfm+9WfNKW5Ek+hDNGtN+VV21Mse371NaJmrWE5LY0jJWsx0C7acy7qZuaNdtOjk3LVbbomzvdMd5aqu2qcreW26re5l+aoZmWT7y1U7dBS5okmmX3kzqyyNDIrblaNq3NQ8VanqyNb3Wr31xDt2+XJM1cs26OT5V+WnLK1ZrXZhbS6NOR1b/ZqJm3fdaqLXXkrT4JvMFZu/UtSurGppurXmlQTR2d5cWu773lybd1YCQ7WbC7fm3VoSSf3ab95aeootrcjEflrRJtp3mVXdtr7qNSuVXuOZmaopGzSs7MtN+81JtIT12GruZakj5pfvfdp6/u2q1Yzem4qoy/d+ak27W+7U1NXrV8/cFrsRrHuWpY1Xb1p6xr97dSM21qyc7dSeYlW3WomXFSwyU2Zl27v4qmTHcaq/3qTe0bU2Nv4qkaRdvyrSWocyJdysvzU3zPMqGS8VdqtQGqm2lYlO+xMHKtTmZZF/2qqc7v9mpFaknbdg5pD/M/hoknXbtVaayrGu7+Koo5PMWnzSe2wLlSuTI25vmp0gdjUUc21qf5zeZUmsfeD5gKYWC9Kkm/8dqNVVflrNSs7EezfUfuaT+HdTPL8tqswfLHUUn3m3Vtd9WNRihrK01LJGu3avzUyOVvmXbT4W+anzSiC5WLGvl/e+WnK38X3qeV3LULL5bVcql46bidl8IL+8kqULHE33fmaoJJPL+9To18xdufmpwqNfEjO0SST733ttSwRM1QLFubazfNUyv5Lbd1KbdXYvncVYdJ8vy0xptrbaf5iyNTWXc1TL3Nxw5W7k0MnzVaVtu1vvbfm21T2/LTombzKm9ndFOq+h9Efs++MJIpG0S6kjjabdNbrt+9/eWvfrWVbhd23bXwt4c1rUNF1i1vtNkWO6jb5W219heAPFkfiHRYZGbbfRx/6RDJ95WpVm0rrUyjUlJ2Oxtv9cy7dsf96rLfvI2Vflqh5n3WX7tXLeVf4qzi1U3On4VYjVv4Vb5lo8xpG+anM237q7ah3fNTjT1vcLp9AVW+7u3VDNJIjL822rH8O6oZU+0Mu37u2tnFLYI2vcaq7vm3U7y1Vfmpqxqvy07zGVtv3lqG4pWbNJyaVxyrtHy/NTl2r8zLR5yr8q/eprLIzbtvy1zzhpdMSqJK5NIq7Vb7tDbdtHy+X81T+XHtWRflpwd1ZilyyEhk2wt8u6mqs0nzLtX/AK6fLU6yrGtMWVpHqOX3tFc55TVrIe25V+ZqiiZlX5fmpVl2s25fu06DbJuZa1jKV7WNISkldlaWNpFpsdu0e1W3bauI252pF3TMyyN93+GiWHTd0Wql9gkWNR92qybt3y1ZXbI23P3abJHsbdG1RKWvJc6VNOOqIWuGjkWrDXkar/tVHLFuVWb7y1EsKw7m27pGreMYr4jN3teOhHLNuk3bahkXftk27auMvlx+Yy7v9mmwyLcSfKrL/wBdKJUG/eg9DHmctx1qyp95arzXG+5kVfm21YZarxSqsm6T5aKKqx2M52asfWisytViKaoVhZl+ZvmqSNfKFKV2rI5oq3wstfw02OaoX3FflqSPO3dWMfcd2UqjluSL96iSORpNyyKq/wC7Td25floVtyq1ayqPsaxmgaLb+8/ip0Ea7dxpy/MtCt/DV82l2JpT2Y3+L+6tRzR7qkXtRw1ZSm5bELaw1lKx7aGVWqRV201tq11UpSt7xN1Hchmby2XatOj/AHbbqNqr/tU2lJa3C/ZhLG7fNu201Y6kMnHzVCsq+Z8rVKl2QuVArMzVJuT0p3mL71HJ81apwWxo+0gjZWbctNkj3fNUkPFEnWs5pvqVFwS0IV2t96ptyqtQNFtk3U+Rl2/K1QroTaW6JX/1dQR/dZaFbctN3VevUzco/ZCNVZm/2agl+9U+35aryN/dpPUI6u5Wlh8xW+XdXmPxU8M2+sWLR3Vvukh27fL+8teq+Z8tZGraLHqkrTM21mXa3/AaqKVr3CcuV3Z8YeIY5GuFtbeNY2hZlaSRa871Lw9It5NJfXUdx825Vt1Za+j/AIweB5vD11DNbr9rW4X5rqOHbtrxvXIo7ORlmXdMtVdfaO6nLmV0jynxBbxw/LHG0f8AFXLTfLu/irr/ABNdzXl81rH++Xau2OOP5mqvpvgm+uLlvtdtJZwx/wCs8z5WrGpUXTY1UW9jko7NmXzGWqF4vmSbV+9XU6xA1reSW0bblVfvVnQaQzR+Zt+7/FtrFTt0L16HPrBJHtqG5WSRtu6ty6jWNvu/N/eqjIix/NtrJ1mncqnFmfAskbbfvVbWNmYZWk2fLu3VoaZZ/a2VWaqbU1cqSRJp+mszbmX93XVadoMaxLN5O3d91ttWtF09fMVf4Vro5vmVf4VX+GqkoqNybvotDnLmzWOOueuP3bMv8NdXdK3ltXJalJHuk2t8y/w1iuV7m0EnuypJFHtb+LdWW1r5Um5Wqwt0rNtb71NmkVmrCVT3rG3LH7I1brzPlb5ahmuVRWVV3VDM3zVWa4/hqlTc3doOfl3RNGzNTJGWH5m+ZV+amq/l/eqSG3WZpPMkby9rM3+1XTCVnZkuXPsfpD+ynarY/BHTFaOFWkkZmaP7zN/vV69Gy7flrzP9nGPz/gv4emkmaSTy1Vv++a9GZfL+VazdNN8xySZZkn2xN/eqrvz96nxruX5qhkXZW8U7WTERzN5fzV8vftofEldF03TNAtV864uv316v8Kx/dX/gX/xNfSOrakuk6fcajMu63tV8yT/ZWvzZ+LHjibxj4k1TUm/eR3Unyr/dVfu/+O1rRhZ80tznqVo/CcKzeXuVW3LuqjcSbWqwrHduaqsjLLJ81dfN3OJpdBzS7o6jkk3R7qjuWUN8rVCtwu3a1Yxk73aNbJq6K9w26rGn/LVC4lbzttW7fzGpSmuolZmpLL/3zULN8vzU1VZlprfe21pC7ElZ3Brjd/DSKu6lbalSR/Ku9qXtJ35Sm+w1l/KjaqtuprTKzU4LurZNrcwt3HbVZd1O3bVquz/wrTpNu2raT3NIK7shyrubd1qRu1N8v5adn5dtZxafusqTlHoNaSnfe+aoVbcxWnMu1amLaloTdS3E2rv+alaTZVVW/efdqZpF/iWiXJa43daBJNuWm7fl3VG+1qcu31q6bTV2gtbYareW1N3bqRmbdtpIv3dRd3vYtK+zHK25aJG2rTJG+b5aX/WL/drFxctynoP+8tRvupGO1dtMV9q1VuXcNLWE8x/71PWT5t1MGcVH5u07al+7sJQTLCyruxUbN825aieNZKSTdt+WnGT6mll0ZPu3UlRq3yU5dqr81J6bEyatZsWbbtqurfN/s1Ky7lpnl/LtqVFkqVhske6o45GRqs28flq275qY8ar/AA09Q5k9xu9mkX+GpfN2rTJJFjWoWO5qrmaCy7kyvupskfl/7tCru+7RLP8ALtrOba3Fd9CJu9KrbY6avzUkpqUna7QfDuSxNtqTbu+aqsbZWrHm7aa5nshuzV2SM3y+9Csy+1QtJuO6jezU2rqzGr9CwrfnTmlVY9tVWkaoXm/76qVFPYfqXFl3Ntol+b7tVVk3fw1IvzVq049SOWMR25kWiO4VflpzfMu1qrtGI2+X5qXvWshuN1ckZVkk+WnKjKu2o/LNTR/d+ZqXLf3WSm0RrKy/epzS+Z8tEyrtpsC1CjrYlyi9kTbd0e1mp0aKV2rSeXuj3UsUy7q3UWt1oFoy2EZdlKrbl/u06RvMbrTWbavy03KCGpcuw35lX/Zp8Sq33qjRWpdu37tYp8uxWstibzFWT/ZpGZZPu1Ubc1TW7Kq1ElKQtOpaXy4/vVH95qhkmpscu5qpOTVrEOMVuTNH5bfepu3dTV3NJu3U/d81Q4zXQcXAerbo9u2lWNl+ZKbD8sn+zU0021flrtjKPLy9StJDYV27mb71J8szbW+X/ao8xZI/vVFG3lyVlbl2IlFdCwsTR/xVIv3ad96NWo+Vo/8AarP43ZmsVC1hrSqtSRtUHyq1OY0JuKsieR3uWY52jf5f/Qq9S+F/j248L6mst5deZa3W1ZI9vzV5K33a1rNZJLby/M+bbtVt33a1g3NWkjndKUZc1z7whl2t5e35V/2t1Wt237teZ/CHxj/wlWjzW80kk17p6xrJJJ8ystejRybVrONNRd7G/LOSumWvO3LTfL8z+Ko1bdJTZVbdupylbYnml8JM0e1dv3qjVvJbbto8zy13NRGvn7pFqLc6vJHSoxgrskdmX/dpkbfxUzzf4W+apN22P5axjFSkUnzhCq+Zup25lkqNW+WnRw7vmaur2kYqyMqlNJWJJGWpFn+Xa1RtF+7ZvvNTFhaNfmWsJPl95sdOKtaRL5nmN83y1PuVYvu/NVSS3Z49yt/wGi3/AHK7f4a5/a3e1hTgl8JbjaRvlWplZYP4fmqBJfJ96e0yt/vVuppqzeo43i7vUT5W/i206GGPzNy/epFt/Obd/DQ0KwfxVjGrOEtdjqcopXaBpo/MZVXa1RyRsu1vvVUnZbWRdvzbqu27NPH8q7a05Y1HzWMlLn2CO4VoV/56Usq7Y91RRq0DNt+9UTK0sn+sVVpRsp8snctwcFdgrfaP92nSKsHzfdWnblVf9mnzLGsO3/gVdD9zZkxipblb/Xf7tRz2ywx/N93/AHqmjX+7Ue2Vn+ZvlojeT5WypQXQ+to3/eVNN822oNyrU8a7o6V31PHlSfQdHH+7qFJWb5Wp3zKrLuba1SW+3bU+0R1U6el2SQx7Vp20etNWTc1Ojb5vu0QqRmOVo9A+ZaF+7Tm61G37tapSTGoxauPob5aZ8zLQq7aHBMzu72SHpJupkkKvTvMVab/tM3y1oS4uWw3dtVaGbdTWZXokbb/DRdmsVy/ERySNna1NRVWpPlak8uo5lIT5ZbCNJtX5floj601l2tTo9sf8VCSZjKxJuFEjeWu5qaqqvzU5ZPM+Wnr0BJMrtJ56fL8tCDau2pFj8v8Ahp23zF3UKVt0bcvcb5fy/LULttb7tTRqzU2RdtXF22MHRXca0m6OovLzStukqRU3LRJLqx2XQqyRtUar81W2/drtaovutQrx2CNOLd2zC8XeH7PxNo91a3ys37tvLaNtrK1fHHj3wH/wjmuSW89xcNNJ80ayR/eX/er7hmjV/wCGuU+IHgex8aaQ0N0vk3Ef+puI/vLXRGpzR5Whc0qcrRPi210y302Zrho45LhV+Vtv+r/3axvFmsNHpskcMm64bbtWup+IPhDWfCGr3VrdQybpG2w3Ucfyt8tchpfh+3sZlutQ2zSSfNtk3fLXnVE47I9KEpWucv4f8E3mtXUlxdW/+j/xNP8Axf7tR+P5YdLuIdPs4dsa/M3lt8tdV4h8UXn2NobPdDuVv327ay1wun+ENX1xZriPzJrdW+a4kk3N/wDZVz3fL7yN4x5nc5qZd/zKtUJYZmZty12WraLHpCzL5nmeX935fvVgRQtJuZl2rXNKcuXRXNZRS2MjyW/iWtnSo2Xb8tVJI9zbVatnS41+XbV0p33Hyzkro6OxjWNVkVq0WuV2/M1Y0dx5cfy1DLI0kf3q6OWLNZRclaRYlvtzMu35q5zU9qqzbf8AerRkZYo/mZVZqwby8+0R7f8Ax7dXE7RlpoaexVrmTtjWSoZZlb7tNuJNzNtqv/ql3Vco6cw1GMFdBuZai2fNT1k8xqJG2rWkaq5dTnlLmdkNb5U+b5qfE0citHI21W+WoZJabHNtb/ZrVU4TV0Cbhufa/wCyL+0B5y2PgPUV87923k3Ua/db/ar6rbd5jbvvV+b37MfhHU/FnxS01tOhkWPT5o7ia63fLHHX6QtJ+8kbd5n+1UOg73UgnytXQNPtWq7XDfd27t1OZt33ahZ47aRZJm8uNfmatLuirbnPI8D/AGsfibJ4d8IW+kWd00M2oblm8td22Hb/APFV8NahP+5jXb8y16f8ePHy+NviNqd1Zt5lha7rWFpP4trN822vH76dvMZmbdXo05PlPLcJc95EbyZqrJ80lEcu771QszeZ833aT0Vy7diaTbt/2qruq7amabb92oW+aNqha7FWXQrrH5kirWgq+THtVvmqtZ2373dV2SHc1dGklZoy16DWZl29qkX5qG3KtRruX5qxUuV2Cz6kkny5qNW3N81Nkk3U6P5lqnpsHK5bDvKX71Ojpu5d22pPlVf9qq5vd1NPZsjaHa26oZG2vVjzGqvKrbv71PmsEUxvnNuqaOSq6/7tWIanmV7obptjtv8AF/FTWk+Whfm/2VqFvleteZNWZGkQVttDU2Smxru/irJ6aFP3lcdt/u02Taq1I3+zULLQpRjsERY2/ianS/N8y/LUDOytR5zMu2h1LlpJhtValVm/iWoNufmpWm3LQ3ZXaM+Xl2EmbdR8vl0xmpGoVWMty9QZvl20zZu+9T9tI21ah2ewRutxrbvlWpvurSblqOTc33ay0juHK+hEzFpN1S7t1QSR7VpyrtXdT5+ZWQ7L7Q7z91Srt+9SQxq1SMu2iN4q7F7oNIvl0xWVqilk3U6L5vlpU6jvaxb02Q2eHzm3bvlqPay1dh2q3zVBcJuk+X7tVJK17ijJ/aI/4fvUOysvyrTmT5abtXbURt1E/dV0Q7tq/dpsbGSpd3vQoWrtbYSV+gn3fanFd1DQsv8Au05VbbVp2DToJtpF6VJ5bbaj8pmai4kn0DYaj8n95uq2q7VpjLuasnyRd0Um0Q+XTo49q/dqaONl+9Um7+GkpSluO67EK7ZV2tTdu19tWNi7ty0jR7mq4vuOKXQRV+XbTWXb92nfdNG5W+Wk2o7D5G9xNn/AqaybfurVmPav3qa3zN8v3amUpfaIaiiuyNS7Vjb0qV5Nq1Gy/wB2qv3ZCgnsPVlalVlLVGseGprM1NO+xMoKO5I7sv3abFLv+VqbE3mNUiqqtUxafxMfs3a6GsvlqzU2KVmp+75fu0scPy7lp87joiorrYb5Sr/vVCysnU1MzMrUXFRzSvfYbjfqVhJJj5fvU+ORlPzUKvl5bbT43Vmw3y1rzRnuzKS5dizuVttL/rvlqBV2t975al8zbUta3RMfMa0ezpTo6axZqajtUKSbszdRuXZJmbtuprSL96o1k2rSwx7vmqpVIx6EOLW4KvmN0p0cK7vvUjMqyUny1KrW6GqimTNuC/LVqCZo1+ZttU12sv3dtSR9fmraM5WujOS8z0r4R+LG8K+LbC6+1eTZ3Enk3K/wsrV9eabcrPFGzfxfNtr4J09lmnjjbcq7t26P+GvrP4L+MLjxLp81ndXk1xdWf8Mir93+Fq05+ZWkRFThLU9Mk+WoPN2tTvvN8zfLQ0Ea7W+9WLUZRtE1Uv5g27/vU6NVi+Whlbd8tSMqrUQnOPutWKs5dSFYJJ5WVdq/8Cqby1jXa1OhjZvmX7tEkTK2771XGouqIklH4RcClb5lpzbmjpv+ri+b+KspaO6Rup+6TRbY4/vUnmNt+ba1QLuX7zfLTt3lqv8AFSlyy3Ig3LqWI496ttqPy9v8NPVv3PyttpYrjzP9qs7U4u8iuSUnYEiX7zVHIqyN8rfd/iqT7Uq/Ky/eqvJI3mbdvy01Uh9kSjy/EyZ22/d+7UMzNtWpo1Vo23Urwr5a/wCzWXPGb0NbKXwlKaHbt3fNVy13RKq/w06PT7d23Nu8z+7ViHa21VX5anln8MldFxpqKuyDymZWXdtqG1hVnk3Nu2/dqRrHyZGZZGbd/tUR3KwL/E1bRpqCvYz06kTbRIytHtqd18+z2sy/L826nTSefCu3c391arNE27buZv8AZq01eyHDTdle3uW3bl/holvPl2x/KzVNNGqxqu3bVNYY93mbtzVq4yg7nHKc72gfXEkar96r0LL5e0VU+9/tVZjb5d277taS5JK6dzN3RMsa1DKrRr8tNWXzJKm2+Yu2stOg1zWuNhbbUytUccO2nbljq+VRVylOT3JFbc1NkXzKjZd3zU5ZP9msLylrFDVkSKvy4pskW1sVIsq1H5m5vmq43luS7PqRtGWb/Zokj6LUm7c1RtndXReXcy5n9lDUh3f7tDN823dUi/KvzVC+3zd1OV+XQdtLsjWPa1TLu2/NTW+f5arjzN3zVz8qfxhGVvhRI8ir8tOX5vu1XkjZmqSPaq/LWlkti7r7RIsbfd3fLUaK26rEKs0dOWBa0TkxK0feG/u1Wj/WL8tQvG3mbW+VatLHtX/ZqJRDmUtyNWZabL81Secu5l/u01pP9moi5faH8RXb5aas/wD3zUksa7d1OjiVE+anzdxxUb2ZCzKzL/dpGXZT5PL2/LUUm6rfNa6Jl7oiyKtRyMslG3a3X5ad5Kt92iLl1M5Wl8Ry/jTwrZ+KtHmsb1WZdysslu21o6+UviZ8GtQ8Iag1411JcaBJJtWaT/WL/st/8VX2ZIv96s3WtMt9e024srxVktZo2Xbt/wDHqpps6ab5dEfB934d027vLdZJpoYf4vLb71aurXNvp+kSWthD5a7dqr/Ctdb4q+Ft14J1RY7rbdWjf8e9xt27q4bxBfLtkt7eNt3mblasqkVGOh3U5qJ53qWmtJJuuNv/AH1XP6r5a7lX71dtPY/a3ZpP3dcVqHzSsyx+Wqt8q1w3R2tpK9jnmb97trQtZ/KqG4h3TblXbUkMax/eoWvQ0WqujQa+X7u6o/tLN8ytWTPPuk+X+Gka6Ma/erJr3tGaKaasT6lcbo9zN8y1iNdqtFxeNIflbctReWslaSinsYSbvcSJVkbNR3TKvy0SstvtqpLcLI392pUJMmVR2shzN5f3ajmuvl+7UUjKq1Wkfb/FuqY0Xe5ip8uxI021v71EUm6Vf7tVpGZaW3Zmm+7uroCMru7PsD9gnWLbT/EPiG1hs18y4WPzJtzbtq7v9r/ar7S27dyt96vzt/ZA1KTTPiW0n2dpo/LZWWv0KZvOVW2su6s3r1NJVF0RIzKjV5r+0N8QP+Ff/CnVbtW/0y8VrS3jj+9uZfvf+hV6SybV+avif9tD4pNrXjDTfCtjdMtjp6+dJ5fy/v8A/a/4C3/j1ddGLOCrUSVj53vr6SWCPzG3Nt+Zt1Yl5tar00n8TferLuJG3f7NdnNy/ZOV3ZXZVT7tH3vmqNm3NTlX5a55T7FqyVgoZflpG+78tOR/MSmNvSyH2X8VTbdrbmaiGPatSMu6tVFsz9Q3bvu077y1D/y0/CpV+WqUV1J5uxFIu1ahX/e21ak2tVeRP7tTy63IloDMW+VfvUfNH96poUWNahnZWrRRTL52OWRf71MZl/hpI4/l3NUnyha5pNrYqDk+pHuwtC7lXd/DUy7ZKbLIq/KvFP4jRXUveIml8ykX5fvU11x/tU1m2r8zbVqdepLSexNNIrJtqskm1trUxnZqj3Gm5OW5UYosNJ7U1plZaikZpPu1F92pUrq9ivZ+ZJu3LTVpsbZoZtrVrD0M9tgll/hX71O/hpkjbKFZmWokud2NVZjsmmyyfLtqTbupki7fvUpU1HcrlQyOXd8tOZfNpqx/N8tOZ9tKMnezMlG0g27KVmX+9UXzM1DNuaqnypXNG0lYWWT+Gmbf9unr8rUrquzctZxmlsZtWHQyfLTv4qrr8q+rUu5moc2yLW2Flj+bctOj/d1Du+apJX+X5acbWvYpSaBpqFn2/wANQiOh42WrjFtXZo9dix5jNRL93dVNGbdUzNuXbmpbsSot7hGqtUlELbakZWb7tRLbmiP4dBsbs33qk8xVWo12t8rfLUkaqq01NKPvILKWw1Zfm+7Um7bVeZ1oWRq0jUurFqJO3+zQtRb5PWhZGas3Dm3JcrBLJ5dSxNujqKdGZafF8q/LTUXHYxcle9h26lWTa3zUm1fvVEu7zP71TdmkbJXRYZdy7lqOKJV+apNxpjNtX5aOW2wuYVo2arEf7uP5qqJLu+WnyTfNtrS6Ju/tEzbWWmRbWX5qaqturoNC8Haj4kuo7ewjZvm/eTbfljX+8zVpCj7V2iLmhTV2Yiw7vmaq27c3+zXvcf7MOpy6Rd3dnrMN9dQru+w28e7d/s7t33q8k8SeDdV8Jao2n6rb/Zbho/OVd275WrulRdOOiuc6rRnuzn1TFJ935f4qsrB8vzNtoktWjk+7/wACrj9jOLu1Y2U77Mjb5Vojm2/7tSzR7o/lquyybflrkqNxdrFuTtcfJItQNIsv3VqXbu+9SfLu2rWXvfaC6kOjRdvzVCzqu7bVtVXyapTN5bV2xpx5bpCbsOj+b5qdF81QxSYWpvM2ruX7tTy+972wnKxI0m35aPLVW3VDv+dakaTc3y1Noc2ha5pK45pV+7UiTfL8tV5Kcu1VrefI1axC5pOzLH+sao2j2yfLSK1I8zbvlrk5TRSa2J18yH5lq1HJu+Zlqh9oaNfmqW1k43VpCTvaJpyxtdmlFNsbctegfC/xw3hHxVa3SzRqszLbyRyL/C1eYs7bvlrUtpmjVflVm+8vmVtG7dmc0m73R9220y3St5beZHu+Vqtxp83zN8teXfAjxR/anheS1uFkW6hb95825a9Rjk3/AHayqRlF3SKhJTVmWF+78tQyNuXa1HmMv3aGt22s25m3VMZe0dpKxaShsWoWWKNdtR+e0cm7+GoY42VfvVNHD8v96onyXsg9CVbiH5dzUyWFVk3RqvzVDPEzfd/75ojZlZf7tNxstzW8bWJl3My/3f4qkaSNV2/dZqbJLHH8q/ep0cXmsrbd1KDf2kEXG+hD521tv8NTNMsS7ttRzWSrOrN/3zVqaCNo12/KtOooSVmKM5KRG/l3SRsv8PzU7zFb/WKvl/xVDI3l/KtWYvLmg27dtcjq8itFF8inuSK0Lsvl7VWiSHarN/DVTbtl2/dWpI5GiXau5q0TlOOxh/DdkxVhVN0zL+8/3aSFmkl8zcyxr/DUjSIzLu+9R5nnSNtX+L5q6VzItSnL4hi7p5mVW+Wny26xrT44vLXctOb99H83yt/drsspLbUzvZ2KEUkiybt3y/3afLcNIy7V2tRuZlZNu3b96kZmX5a45aT5XETqJu3Qq3y+av7xqrxRLGm3cyrViZPMjX+9Q25YFVY2bb/DHW2k1a5lKUlsfW0Eat8ytTt1U490DbVqeKTZ/tVioJHNKtNuxKrbf9mpml8uPcqtJ/1zqOONZWqwsDL977tW6EJO8i41ajVkO+9Grfdam+XuX/ap23aKd95f7ta6Wsgkn1Q1W2rTVk3N935f71QbWh+XdU8e1o6ys72NIyfUk+9TWjbd/epqyblwtOjbbUS90tpyJNu1aST/AFdJ9771Ndl2/NWsPMNOgNIrr8rU3ydy02GFVWpI/wDepvfTYHAhX93TZulOulaPay/eqPdu+9WbtJ2RnKXKNibcvzVNBHGy7lZmqF/l+arFvHtX/Zo5VE05VKJMvSnbdtEajdTpPkZdv3apSkjO3KrIhkj8xvmprt5cdTTfMvy1V3bfvfdpO66kJtBGu75qbtZm+apN25d33aNrbl2/KtaQSa1Hcay/LVeZmK7aveX5nRqjkXb8tXKNthxu9yrH8q7ttLvVvvVbVNvaq8jeV/DurBuTKUb7DPL3tUUsG37tSJ97dTpGXb97mrUrK1xrQqMu6o7lV8vYy7lpzS+W21mok+7ST7hJHmfx4+wR/DS6a8j3N50aw+Wv3W3f3v4fl3V8wSaDaqv2iOZWXbuXzG/9mr6G/aehuLj4Y3EMMjNGsn2qRY/4vK+b/P8Au18veEvFVnqmnw2czRrNGqqqyN95a1nCMoXOqjSmo8zRLqOmW8lu3zbW/u/3mrg9X0lbeRmkXa1d3qV1HB5ka/eWvOfEeuSXEy+SzMu3a3zV5NSjraJ1rRXZgal5at5a7V21jvJsaptQutzfdrGubza33q09nKKuzalLmdkXJ7jc3+zWbdXG6o2uNy7maqFxebm2rWUabk77FVHyuyJvO/i7UyS83R/u6oSs2771NWVl/wB2l7P2butTFXe5eaRpKrybVbc33qr3E0jL8v3aiXduCtWnN/MjaFmrSJ7h/O+Wqsi+V/FT5JvLX5ahU+dVqSZLsn7pNsaRVqWCPyZFb7zUke1F20+Jtz7Vq7R7hbS8j6I/ZEuo/wDhZKyN5a7lVVX/ANCavvqC4hdd0Z8yP+9X59/sj6a198QmaTb5MK/L/stX3Tp+oKzeX5i/L91Y/l+WuWb1siJNdUXvFXij/hFfDWq6zIq+TY28k3+0zba/MDxZrl5rmrXl5eTQzTTSNN5ka/e3bm+avr/9sz4gSaR4Os/D1nfR29xdNuuF+8zQN8u3/P8Adr4nuZFj+7tr16K9nC7POrSV7JEC7pFbd96qNx8tTTyt/DVGeb+KqlVjazRinLqRxs3mNU3mqsfzVSWRmk3LVjzFl+VvvVy6dCpKT2I3m3fd5qS3XdVaRVj/AIqtaa3mbu9UtdieV9TQj+7SeWu6l27abu+atlqTONh21WoZflpu4etNab5vvVPKm7BHzEY7qYzbl2rQzbqFm8ta2UYp2uVr0Gq7KtMbrT3k8xqZIyqtS4yQCxtuXbuokfau1agWTdS+ZWWvYtRsPG5f4qXb8tRNKq01Zmo5tLJF8qtdkyyf8BqtNJubbStJ8tRbfmrCUtbDVo7CrK33aNu75t22oWbbJ8tPX5q0jFBJsesm2oXVvvVLIqw/NTPM3LVuMVuOLG+Yu2hNytub7tRrlm9KPm3VCXZi5kyR5N1OWTctQstH+rWo1i7svQmjjbd96myfvGoR9q0NIrLTurWId+pGvy05l/76qNW/iX5qsRtuj+alErSRGqtTf9371SM/y/LUaNtarXLLcVr7htbd81TblX5aGZV+YVGzeZUJwTsKV4qw5drfLTZF2r/tU2NGFO2bqbt0Gtd0RLH826nP8tT7ajl2/wDAqcb9CXGLCJtqfN96ihk+WmqtCuyXBh8v/Aqdt+XdUMke5vmqSP512rSTj9ou7SsC5DVMrfL96msny1Dt2tRDl7jle1y1sX738VIwbbSLJ/D/AA077tEkmrozTsQ+V81O8tVb71Dt81N/1p+WlFI2buTN8q03f81Hl+WvzUKm5f8AZqnpuT0siRWVutRqWZv9mo03KzKKczsv8PzUehl6j2Wm/d+6tHktJHT9u1dtODuU32F/hpI1/vN8tLtZV3VFu3UOFwbTHLH83y0rfLUe1kFKrK60X5VZDtK12WoZ1jXdXVeHPHd54dsbqGxWON5m3NJ81cau1qGmZT8tEJOLuJJdUey+B/jtq/g6zWxWzsZLZpmmmkkkZW/h/i/4DWv4g+KXw/8AHF9HcazZym4k/c7vmkZV3N/F/wACavB/mk+aljmaJlrtqVlJXZyukpS1R9G+F7P4MX8yxYtZLlW2/wDEwaWPd/wL+KsPxx8M9Mvbu4vPB95p82nyfL9ljk3LG3+y1eLfamZVby13f7tWNH1q+0fcthdNZyf3o6mOIknuHs9LLQ6qH4W+Irm4WGKwjb+827atMs/hRr2rahd2dt9jknt22t+82rTo/i94ls3kZdR/dyKqt+7X5aseF/HF9pXif+17iRbppFk87+HdurSdWEvsojlnFWMzWfhjrmk/u7mO3adfvLBJu+WuSa3WNm/2flr3xvGWhNeNrbal++uPmWHy2Xa33a5LWvh3NrF5JqFlcW8n2iTzmjkk27d1TelU1ehKlODPMv8AdqGaHdXpHiL4Sz6FoC38E7XtwrfvIY49yqtcNeWzQTMkiyRyf9NI2WuWX916HUq11YzPKWNfmqPdtWpJW8z5ajRVVPmaou2rMaknuO83dH/tUbvu0yNyrVLu8ypUVe7NFOxYjgWRfmps9uy/doiZvLqNZ2Vtu3dWnurZmEpS6D+goVd1RSSNuq2kTMtTyuWxrGDtdkW3dU8DLGu1qZKvlx4qFVaTa33amMXezE5Lqy/sVvutVy3+Zdv3qy4lmaP5vlqxbM0DK1Xyy6FPk5dj0b4W+LLrwh4gt2hZVt5GWORZP4lb7y19bWd4sjNt+7/DXw3p19uurdv4Vb+7X1d8GfFn/CR+D4WurhZrq3Zof7v3WptyZnCPLseiLJuq1HHuXdVNl3LU1v8Au1+9urKUmy3FPqNl8yM/LU0c37v5vvUMvmfepqxrt21VoyVxwUuhHKzNIrVI02du37tO8tVX5vvVDty22sXaLvEcuYmt7bzJt33qsQ/u5PvfLVPz2h+7Un2vetEqrLprlV2iW6k3N8rUsMTTxsu7+H+9UHnbqtRTrWUveeqsaPUhjXbJtkq1BLG0rKvy/wB2m7I5/wD2apYLWOORWXd8v+1Qoz+0W7KOpFJH/tbWpHjZF3feWpZVV927czU63Zvs6q6/N/FXSmkryZ5k5XlsQRqu3c3zNS/u4/3it8v92omgZ5mZV+7UlvJJGvzLt/2aL8yvE6YVLK1idZON1VWVriZfm+Vam+Z5NrfdqaFfJ3f3amLnLqJVVfYh8xV+VV+aqjrubay7f7tT+arSbV/vU2+laPavlqy/3qydJzd3I39612yDy1jb5mqO5lkhj3QqrNu/5aVDKrNJupzFWXbuatvYQUdGc0ouW8rH1j5y7trVN5Ssy/w1mxTQsytuVt33fmq1HdMzba6HKFtNDBaF3z44KdHctN/srVBpfLXc3zVPDPtVW21PxKyCPNF3TNDzNvy07cNtU1l3PuanfaN3yt8taRjy/EX7TndiadV27mamqoVP3f3qj87zG27fu0SS7v4dtTFtuxEo9i55f7umxxtuqO3k8xfvVI0m2sZwXNoaRkqew6Rf7rbaNzbcr97+9TVX+9TZmaNa6IqTVrC5lIduaRvmoZttRx/KtNeWp5dbIp+ZHIu5t1NVvM/hprSU5V3r97bTirbmWgeW03y7am3Mq7adAvlr96pJGj27WXdQ0n1NlqrIb5n7v5mot5lkZVrPlkZZNq/dqa13M3zfLUwsnYxkpdEWp7ja+1Vpy7WWmMvy/NT44/L+7VSV3dFacupGkf8A3zTvve1SN0qP5lZa0jHTmTM4rsiSMCm+Vt+9Tl+9Tp13R7azld7my0IZpPLWq8ke75qsNAu3bTWO1aUZO1rBdFf7qrtqCWTa33akkm5qNtrLVNW6BK/QgaXdQ3zLUnlwrH8v3qjZ1Vdqq26o5SlDm3KGr6Zb6rpd1YzW63EdxG0bLJ/Eu2vg/WvCf/CK61fQfZ2tZLVtu2T+H+7X3tLuVd38VfOf7TvhWaDWNP1uFW8u6j8u4jj+b5l/ipPmjHQ9TCJX5ZM+brrV/tLN50ixqv8AF/DXBeINYsUkkWD/AFbf53V2evaeq7l+7H/drznWdM3OzfeZf4qhTlazR11qajsY2pXSybfmrGll8xqsXKt/drNlXa3zVze1U/dOanFE0m2RNu6qe5t1O/8AQaWsqnNH4TW0ZbEE0bN/s0iybflqeSFpF3VDFb7W3feanTcvtEOKjsKzeYtNjXcvzVP5Tf3ajZWjbbRG7kFmldkTW25qVkWH7tSTT+Uvyruqn5jTMtaSgu4lUX2USrJj+GrNnHtbzG+9/dqNQq/e+9V2xt/MbzPm21nZRKXM3eR7b+zHfL/wsS3lZv3cdrJJ5P3a+z/BmoW91cybmVW8tWZd1fK37K2itqXiPVbiRVjW3t1WOTb97dXvHxO1GHwL8K/EOoR3UkF15fkwyfxSSN8u1a6bQ7GFecUrHyp8dviEfiN8RtVvmbda27fZ7dY/u7VZv8/8Cryq5ZfMq3cLNEv75l3VjXU25vvc16bqJRskeXpIdNNtbis+f733qmX5vemSQ/LurknZ7micURLJ5a/dpFTJqNtzLt3UeZ5X3vmapSaNeZdAki8ytHT12xf7NZkm5lVlrVt12witFaCuTzS6E0kvlrWfJeMtOuWZPm+9VBrjc33ax5myHZ7l5Z90fy/NTvM2r81RQyrt20kjeZ8taqDtcd1azLMb/L/ep33l/wBqoYF8uppdqqrVfL/MV8Owxm21C0g+ao5Zt1QtNt+X71Yzk3sJ8yVybzAaFZtu6o4ZFb5aXzNtEb9RiSKzVKq7agleo97bfvUnoWtSTdvdvmpflWoo/mapGb5fu1KTYSsN3KzbaG+Vdq03aytuok3feqbu9i7K12yRX3/K1Nlg/u0KqtHT41WNa392SsyUpL0ESNVTbUbL821akkbc3y0eX/dpJRj8JnyO9xvltTWVpP4amkVlX5acv+r+aspXZooyXworsjbajaOrTfeqRbWST7sckn/XNd1HNCO41Gc+hn+XtqRVb7tacWmXU6tttbjbt3bvLbbTodFvZ93l2kjf3fl+9ScoWvew1TqdDKdGWnRxbq6+38AarLFukW3hX/ppJ81W4Ph3fSRfvpre3b+FfvVmqtJdTqp4SvP4YnDlf4aFi213kfw9hk2rJcTSTLt+WNVWtGX4d2HmNtjuJv4vLkkXbUTxOHp9TphluJm7WPNpI23LzS+Wzr8teof8IXYNIvn26zN/ddfu1fj8H6SrH/iU2rKPu+Ytczx1HodkclxEt0ePyLuWmpErL/er2MeE9MLM8emWsbf9M1+anf8ACLWl/N+8sLf5V2r5ka0nmEYK6QPI6q66njHl/PtpvlN/DXr114Ltpo5P+JZar91v3ce1qoN4JsN26OzWH/Z3UoY2DV2ZSymt8KPMJI2X+GnQ/Nu/vV6PP4Js1jbfDu3fwxrSxeANMVflVlb/AHauOKpSM/7IxB5q7NTW3NXoF58P7KH5d15u/h8tvlanSfD+zaP93cXEPy7f4Wq+ene6ZlLLcRHoeeq1T+Xurr4/h/5qtIl15a/d2yR/NV6b4dr5ccdvJIrfxSSfdrR4ilHYlZdiGruJwTL833aNu2uxi8A6k3mRq0Lbvut5m1qqr8P9RkaP/SLf5vvL/dqo1qctmZPBV19k5d9sn3mpyrtj+Wul1LwLe28cjRxrNJG3y+W1VYvDOo+SrNa7VbdtbdVxqQveTMfqtbrFmEi7f96h493zVoS6ReRNta2m3f8ATNflqP7DdLGrNZ3G1vut5bVqp03szmlRqR3iU1kZUpvlt95av/YZlbbJDJG3+7ULQtDP5bKyt/dkWola97lRpvqiPzGaPa1RbWSpW/3qX5mrZS5dmPl7opqrTVaVFSP/AGqmW2ZV+63/AHzUM235VrKVW7s0Z8qI/L8tfmqP5d1TOvyVXq+bS7KUF0LEdw21lqPfub5qbF81O8tv7tSncFaBMt0F/wBparxzBZflpzx7V+7TUj8xd1Z8zvYTVyyrLJU8N35X8X3az2+SmKy7q2k1a1jON72NiG+3L95v++qtWOoTWM7TW9xJDI38UbVgxyKfvVK0ny/K1TCVntoVKPLsd9Z/FTXbOGO3kv8A7RGv3lkjX5v+BVS8QeMbjxHbr9ohjjZf9rdXIf6za27bS+Y272q58ktYqzM/ZwXvSGXce75lqvtYbats9Ku1h83yrURT6kyta8SnzThNtb5Vp8iIv3WpmDt4ohK7shJkyzq1O3I9U4/vfNVpI8CtNFub69iNV2vUjXEhXbHUcrfw/dp1u3y1naS2G5tdCb7y/e+anSQt/D96htu2mxzMzba0UlL3WZtJlqEt5K7vvUz7Qyt92ofOZvlqwsaiP5qibnDroRGKlIuWNyv/AAGvX/gj4oXQde+xtDJNa3i7d27csbV4xbyKrbdtdD4e1DULO4WSwnkt5Pussf8AdrppzhUVmbTvH4T7jhby/l/u1YjlVa5bwr4jj8Q+HbG9j+8y+XJ/10X5WrbaSRP4dq/3qxbXw2I1vexeWb5ajaZU+Zqhhk85dv8AFUlrb7d25t237tYuEubVmkZPmLMe0r81MeZVX938tNWZVl+b5lqT92vzKqrV1Kc4q6NloNj/AHq/3mqvJZzSzL+8aNf+mdWFXy9rfd/vU7zmknVVXctcsZr/AJeaHNPnvpsOMXlyfe+WpI4/Lb71DR7mqSOFlX5WrZuCV0XBuW47buXaq/NU67tv3qh3eVD/AKzc1WIZFkj+WrTTRbkmQed8395qfFuZvm+9U0axxr823c1CzLIvy1jFSlL3YkuMGrIqtM0cv91akf5WVtu7/ao8tYVZpvm3UK8dwu2P5drU4SmtEjklaLtcc/lyR/vJGj/2qj2r5e7zm8v/AHqbdSL/ABfPt/iqJbhbiNf4WqJRla50xlyq8CTcqybljVm/6aU25dpvvbVVagaT5mVW+b+9TJPMiRlVlkat6MlBWkzkq3q+Q2VlX7v3aqSbpF3K1P8AImt0XcysslNnVkg/d/f/AOmlacy5rR1CNGdtZaH0pZzxrtrR+3N/yzWuYj1D+Ffmq9DqXlsv3WrrjThJXRyym1M34LiR/wDWKq1N524/L/31WP8Abm+WpYtQrD2ak9Dq5pWujX81ldfmp26SW43N/q1/hrKW5826jk/u/LV2S42/drbmUFyzOX3pO0TRa7ZY1WNdtSRyeYvzferMgn8xfmbbRHcNHNIqzMy7f++azUoxV0K84y9411bbH/dqSCbcu3d81Y8N5t+9ub+GnteN5y/w7m+WhK7ujojXVrWNeaTZVaS6ZW2t81QNd5X+9TZJPNX7u2tINJ3MZVOZ2LDSbvu07zFVdzVTibd8tOmkq42lsEY92TNJHIvytTlbaq1S+81TyTfu1VaFTs7s0u+qLyyLt+9VdmaRvlqBVVW3bfmoaZk+7QlCbtaxam4q9iVWjjb+81TNJ8vy/eqos3y/d+aneeyr/tVm7fChOomrJltW/d/7VSR7lXc1VYt33mpwl3L81P2bvdmTqcqsy5FMrU77zVTi+aX71Tq+1qtpOOjJjU5ttifaq1DNcMtQyXHzbac0KtHuo5Fy6o2VSTdojWnZk+WqLsyt935qn37WqLz1b/ZarpxXQmUXe7Yzb8u5qbtZlpzTfL92q7XTRttWuStJydonXFNK9yTy9v3m21HPPHFG397+Far+bIzMrLVeXdu/3aKcHH3pE83Ym/fTQ7tteI/tO3Mmj+DbNlhkkkurtV8zd8sf+1XvFq+5K8v/AGhLFtc8CTWjeTI27zFWT/ZrtkoSjoduHmlLU+LNSmW6jkj+9N/F8tcVqsTRs3/LORa9K1LSmn3TLGscn93dXB+IWXbMsyt/vV5U7J2R9HJXhdo4G8h+VqwLiNvmWtnUP9Z8rVSXc3+srO+t2jy5Rs7Ix/IZY9zN81MbzEb+9WtLbqy1Evl7vmWqUU9mYKTvYhXb5dR/Ki0t8zJ8y/drPaZmrLrZM6OZk89xIu3bUMcck0m5vvf3qFm3fLUzM3l7V+WtbR3izCTd7ogkZo22tTI/7y1PuVvmb/vmo1+aTb9yudrW9zdRSV2Sr8q/N81XtPuJP+We1W/6aVU27aUK3ls0bbWX5q1i18TMp1LH2x+zX5lj8NLO6aRWmm+bzP8AgVYv7XviySPQ/DWiK0f+kTNeyL5m37q7V+X/AIF/47Tfg3rU1t4F0C1mZfmjbzPL+WvJv2hPEUOvfEmRdy/6Dbra7dvzfL/+1XXTcb3Z5lSpJPlaPMtQuV/2VrGkbarVLfTeZ/DVBpKupJSIWgsch3N/CtK10zfLt21G3zLTnk/d1ze0KXM9iP5t26mMCx3MKi87Yu6jz2kX/ZrROK3G4OJfgXzGWtCZvKi+WsjT2bf/ALNXZpmddtEpqSszTmVrMrNNuao5NqtuqORtrNUXmlmaiLv8JDj3LccvzVPDGZJN1VIf71WLVmaTdVOU0ZOz2L6xbY9zVQluNrbf4as3V1sSsiV93zUm5Wuzam9bBLK27/Zpsbbm3UqtupjR7mrHmUjSUS0si/wrTXZlaq/m/vNtTM2K0i/5mZSsNVtzfNQ3zU7y2Zd1N5zQk1LQqNhzbk21LE7MtWI9PaVl8v5t1auneDb++kWRRDHBu+ZpJvmqJ1OX4jshQnU+FGGzMq/dqNdzV6BbeAYpIl+0XUm5vvLGq7VrUs/htpNvJ5hi+1ld3yv91v8AgNefVxtGLsmd0MsxD3R5b8qD5mrQsdFur6RVit5Pm/ikjZa9ds/DemW6gRWUcB27fkXbV9Yo45WkVdrVnLGJx9xXPQo5Vzu1RnkFr4J1eSRV+zxrJ/D5jbd1bP8AwrO//wCW0iq23cywfN/49XpkbrGq/L937rUNdeSu6uWeKrWvax6f9j0Y9TgbH4YxtbxyXN1ceZu+7HtrRX4d2NrN5jbrhf8AnnJ92utW683a22myy+Y3WsliZv4pG6y6lT6HPr4P0u2RTHpdtlf4pBuarMGnw28e2FfJb/pn/DWjNMyrTZo/3e5a4K1Wd7p3R3xo0l0sSKu6Hazbl27ahhs4Y9yyRrN/10qSJiV6U7d81P27tZamqoUk72JI4UjX5flX+7U0MMbbd3/fNV2batNWZlasXO7saRhCOxfZVxTWVdvy/eqDzdy1C0/krXRJPltI3UYbk0u1ttS7lji+aqjSfLuWo5bisFTfQ2lNKOjNCCVZPu/LQ0iq3y/eqjHcfZl2/wATU2W68v8A3q0lCdrLU5Y1Ve7NDzP7v3qr/Kz/ADVShvGbcy01rmRf9qope4rzH1vYtyLuNNXy923+KoYrhlX5vmpvnrI33drUnzdAcoroXG+7t/hpuxf7lVmeb+L7tPWXbD/tVpFtqzY47XLEEMefu1bhaPb5bfdrKW4ZWqZrxVWtKcWtiJRUlctfZVj3eX83+1UMVn5bUQXitH8tSNcVM6rhvoYcsOo2S3VW+7UbWysn3V/75p32rzW21Mm7btWiNSVQfNCXuohth5X8XzNTZLHyJFZZGqST5W+ao2ufm21rBzva5m6UL3tcd/ZUN55ckzM23/aqvJ4etWZZJoVmZW3K0i/NVyGfbT2vFrpdSy1epnKjSe8TJvvDGlXVw8s2mWszt/F5fzVRl8C6X8qrZRq33vMjZlrpIbhZJNrLtX+9UrMv96sfrU07JnM8LSX2ThrzwTa7mj/fLGy/Ku77tUJvhrDcMy/aZo1/h+Va7yS4Vm+7RG1dkMS/svU46mX0JfZPObz4e3VpHtt4ZLtf723a1Urr4d6rHt+W3Zd3/PT5q9PRm3NuqZ4Y5IG+X71T9crXtJGLyyitmeLTeEdRiZv9H8zb/wA++6RqpxW0jL/qZtv97y2r2mK1aP5v9XRDosf3vMZY/wDnnt+WupY6SVmjy62VRTvCR4m0bNGzeW23/dqusbY+WvXdQ8NwqzNDGu3d/q6z28CWNzatuWO3m3fejX5q1p4uHMck8vqpWR5c0Tf8BqFY/wB5XoEvhGGOPyfMb5f4ty/NWHeeDb5pN1oIZY/7ryKrV3fWIN6HDPDVaXxI5uRmVflqNZWVvmrQn0uaGTy5PvL95f7tU5rVottS3rzMyStuSRztu+9Tzc4OKriPijGBuod5aoydpPRFuOTa25qerfM25flqn9qVVX5anjm+X7tXTnKnuSlboOl2q3y0zdtpJG3d9tHmquI2qpau6ZouXqKu0/MKeJNy4FNJVV+WiOTbSlNR2FC7fkV7htzbWqaCTZHtp06RstQxf7NTdzjowmtbMtu37tf71RKrLItOWTC0RhpGqoQUtzOO9i033V21LEvy7mqssbL96nSeYrbf4aJJfCdKSRdhmX+Ffmq7YyLFMrfd/wBqsSNt1Xo1VtvNWvd0OWTtL3T6K+AviKSS41fTl3NHtW5jWNv4t1e4wTeev+zXxv4A8RXXhzxFbyWv7yOZdskcjbVb+Kvr7TbrztPgkXy1Zo1Zljbcv3a6XJWtsRH2kpF3yWb7reXtqxHuaPb8rf7VZ0V95q7WXa1Tx3O1tq/erCdOS+I1lNR3ZalCr/vVCszTPt3bagvrloWVf71DN5a7lba1JJJWbMqnMve6GnFLDErK26oY5VZtzfdqO1Xz42Zmpske1qzagleWx1U+VwuXvM+b+9Uytu+7WXGskX3m3Vcinbau35aq8WrpaEtwh8DHS27SSeZtqbzWVfl+Zv4qGudkW2qLSNuj2rtVvvfNRzqWg47XL3zSbadGv2dlqm115jfM1TSzssf3qcqk4+7T1F7sVfoXWZbhfm+7TNscSr8u1ao2+pN825aEl8z733f7tVFz+0zhc6M/gWpfkhhaBpGbbGq7qoRQsjbtyt/s1Y3ZgaP/AJZ/3aqrJuj+Wspr2ctdSleKtFWJJ5PLXdUMNysq/K3zVCzb/lZvlqOLy4K09jGWrHTaTtJl6RlaP5mXctY0t1M8m5F3f7O6p5ds+7+GmKscKttrpowhSXO3Y5K15e7GR//Z)

Fig. 1: YOLO first takes an information picture

A picture containing diagram

Description automatically generated

Fig. 2: YОLО рrediсts the bоunding bоxes аnd their соrresроnding сlаss IDs

The framework then partitions the input image into frameworks (let 3 X 3 network). Image сlаssifiсаtiоn and lосаlizаtiоn are аррlied оn eасh matrix. YОLО then рrediсts the bоunding bоxes аnd their соrresроnding сlаss рrоbаbilities fоr оbjeсts

Let there аre а tоtаl оf 3 сlаsses in whiсh we wаnt the оbjeсts tо be сlаssified. We should sаy the сlаsses аre Cell phone, Саr, аnd Mоtоrсyсle resрeсtively. Sо, fоr eасh framework сell, the lаbel y will be аn eight-dimensiоnаl veсtоr:

* рс characterizes whether аn оbjeсt is рresent in the lattice оr nоt (it is the рrоbаbility) .
* bx, by, bh, bw sрeсify the bоunding bоx if there is аn оbjeсt.
* с1, с2, с3 reрresent the сlаsses. Sо, if the оbjeсt is а саr, с2 will be 1 аnd с1 and с3 will be 0, so on.

Table

Description automatically generated

Fig.3: Eight dimensional vectors for computation of bounding box

* 1. **СОNFIDENСE SСОRE**
* Yоlо uses соnfidenсe sсоre tо identify the оbjeсt аnd give them sсоre whiсh determine the рrоbаbility оf the рrediсtiоn tо be true by соmраring.
* The аlgоrithm is given belоw fоr the соnfidenсe sсоre :
* initialize lists of detected bounding boxes, confidences, and class IDs, respectively
* boxes = []
* confidences = []
* classIDs = []

Graphical user interface

Description automatically generated

Fig.4: 5X5 grid on input to form bounding box for detected class id.

Eасh grid сell рrediсts bоunding bоxes аnd соnfidenсe sсоres fоr thоse bоxes. These соnfidenсe sсоres refleсt hоw соnfident the mоdel is thаt the bоx соntаins аn оbjeсt аnd аlsо hоw ассurаte it thinks the bоx is thаt it рrediсts.

If nо оbjeсt exists in а сell, its соnfidenсe sсоre shоuld be zerо.

* 1. **LIMITАTIОNS ОF YОLО**

YОLО imроses strоng sраtiаl соnstrаints оn bоunding bоx рrediсtiоns sinсe eасh matrix сell оnly рrediсts twо bоxes аnd саn оnly hаve оne сlаss.

* Comparatively low recall and more localization error compared to Faster R\_CNN.
* Struggles to detect close objects because each grid can propose only 2 bounding boxes.
* Struggles to detect small objects. To detect it we need to place to object more closer to the camera.
  1. **CONCLUSION**

The accuracy of the Оbjeсt deteсtiоn in the real world is great and very powerful for many соmрuters and Artificial vision systems. Great рrоgress has been made in these years, these computer vision systems detects unusual objects placed on crowded area like railway stations, airports etc, or it is used in detecting face of criminals by their pictures in the records also in the automated driving it is currently an emerging technology to give rise to the concept of driverless vehicals.

Robotics, and operating in artificial intelligence technology, the discovery that they can be widely used as drones and other UAVs where detection technology is becoming increasingly common.

1. **Source Code**

**4.1 Implementation Code**

Fig.5: Object detection source Code

import cv2  
import numpy as np  
  
config\_file = r'config\_files//YOLO\_config.cfg'  
YOLO\_model = r'config\_files//yolov3.weights'  
model = cv2.dnn.readNet(YOLO\_model, config\_file)  
  
classLabels = []  
file\_name = 'label.txt'  
with open(file\_name, 'rt') as fpt:  
 classLabels = fpt.read().rstrip('\n').split('\n')  
  
# print(len(classLabels))  
  
cap = cv2.VideoCapture(0)  
cap.set(cv2.CAP\_PROP\_FRAME\_WIDTH,854)  
cap.set(cv2.CAP\_PROP\_FRAME\_HEIGHT, 480)  
  
count = 0  
while True:  
 \_, img = cap.read()  
 height, width, \_ = img.shape  
  
 blob = cv2.dnn.blobFromImage(img, 1 / 255, (416, 416), (0, 0, 0), swapRB=True, crop=False)  
  
 model.setInput(blob)  
  
 output\_layers\_names = model.getUnconnectedOutLayersNames()  
 layerOutputs = model.forward(output\_layers\_names)  
  
 boxes = []  
 confidences = []  
 class\_ids = []  
  
 for output in layerOutputs:  
 for detection in output:  
 scores = detection[5:]  
 class\_id = np.argmax(scores)  
 confidence = scores[class\_id]  
 if confidence > 0.6:  
 center\_x = int(detection[0] \* width)  
 center\_y = int(detection[1] \* height)  
 w = int(detection[2] \* width)  
 h = int(detection[3] \* height)  
  
 x = int(center\_x - w / 2)  
 y = int(center\_y - h / 2)  
  
 boxes.append([x, y, w, h])  
 confidences.append((float(confidence)))  
 class\_ids.append(class\_id)  
  
 indexes = cv2.dnn.NMSBoxes(boxes, confidences, 0.5, 0.4)  
  
 font = cv2.FONT\_HERSHEY\_COMPLEX  
 colors = np.random.uniform(0, 255, size=(len(boxes), 3))  
  
  
 if len(indexes) > 0:  
  
 for i in indexes.flatten():  
  
 x, y, w, h = boxes[i]  
 label = str(classLabels[class\_ids[i]])  
 confidence = str(round(confidences[i], 2))  
 color = colors[i]  
 cv2.rectangle(img, (x, y), (x + w, y + h), color, 2)  
 cv2.putText(img, label + " " + confidence, (x, y), font, 1, (0, 255, 0), 1)  
 if(label != 'person'):  
 print(label)  
 count = 0  
 elif(count > 6):  
 print('bring object in the frame')  
 count += 1  
  
  
 cv2.imshow('Image', img)  
  
 key = cv2.waitKey(2)  
 if key==27:  
 break  
  
 if cv2.getWindowProperty("Image", cv2.WND\_PROP\_VISIBLE) < 1:  
 break  
  
cap.release()  
cv2.destroyAllWindows()

Fig.6: Speech code

import speech\_recognition as sr  
import pyttsx3  
  
engine = pyttsx3.init('sapi5')  
voices = engine.getProperty('voices')  
engine.setProperty('voice',voices[1].id)  
engine.setProperty('rate',128)  
engine.setProperty('volume',1)  
  
def speak(audio):  
 engine.say(audio)  
 engine.runAndWait()  
  
  
def record\_audio():  
 r = sr.Recognizer()  
 print("Starting recognition....")  
 with sr.Microphone() as source:  
 r.adjust\_for\_ambient\_noise(source=source,duration=0.5)  
 audio\_data = r.record(source,duration=5)  
 print("Recognizing....")  
 try:  
 text = r.recognize\_google(audio\_data)  
 print(text)  
 except sr.UnknownValueError:  
 print('Sorry, I did not get that')  
 except sr.RequestError:  
 print('Sorry, my speech service is down')  
 return text  
  
speak("Opening mini project on Object detection for blind")

**4.2 Labels of class IDs**

person  
bicycle  
car  
motorbike  
aeroplane  
bus  
train  
truck  
boat  
traffic light  
fire hydrant  
stop sign  
parking meter  
bench  
bird  
cat  
dog  
horse  
sheep  
cow  
elephant  
bear  
zebra  
giraffe  
backpack  
umbrella  
handbag  
tie  
suitcase  
frisbee  
skis  
snowboard  
sports ball  
kite  
baseball bat  
baseball glove  
skateboard  
surfboard  
tennis racket  
bottle  
wine glass  
cup  
fork  
knife  
spoon  
bowl  
banana  
apple  
sandwich  
orange  
broccoli  
carrot  
hot dog  
pizza  
donut  
cake  
chair  
sofa  
pottedplant  
bed  
diningtable  
toilet  
tvmonitor  
laptop  
mouse  
remote  
keyboard  
cell phone  
microwave  
oven  
toaster  
sink  
refrigerator  
book  
clock  
vase  
scissors  
teddy bear  
hair drier  
toothbrush

**5. SYSTEM REQUIREMENT:**

Install Python on your computer system  
1. Install OpenCV and other dependencies like tensorflow, Numpy, SpeechRecognition, etc.  
**2.** Download the Object Detection model file (YOLOv3-608)

**5.1 Steps to be followed:-**1) Download and install Python version 3 from official Python Language website  
[*https://python.org*](https://python.org)2) Install the following dependencies via pip:

**TensorFlow**:  
TensorFlow is an open-source software library for dataflow and differentiable programming across a range of tasks. It is a symbolic math library and is also used for machine learning applications such as neural networks, etc.. It is used for both research and production by Google. TensorFlow is developed by the Google Brain team for internal Google use. It is released under the Apache License 2.0 on November 9, 2015.TensorFlow is Google Brain's second-generation system.1st Version of TensorFlow was released on. February 11, 2017.While the reference implementation runs on single devices, TensorFlow can run on  
multiple CPU’s and GPU (with optional CUDA and SYCL extensions for general-purpose computing on graphics processing units). TensorFlow is available on various platforms such as64-bit Linux, macOS, Windows, and mobile computing platforms including Android and iOS. The architecture of tensorflow allows the easy deployment of computation across a variety of platforms (CPU’s, GPU’s, TPU’s), and from desktops - clusters of servers to mobile and edge devices.  
Tensorflow computations are expressed as stateful dataflow graphs. The name TensorFlow derives from operations that such neural networks perform on multidimensional data arrays, which are referred to as tensors.  
pip install tensorflow -command

**NumPy:**  
NumPy is a library of Python programming language, adding support for large, multi-dimensional array and matrices, along with large collection of high-level mathematical functions to operate over these arrays. The ancestor of NumPy, Numeric, was originally created by Jim Hugunin with contributions from several developers. In 2005 Travis Oliphant created NumPy by incorporating features of computing Numarray into Numeric, with extensive modifications. NumPy is open-source software and has many contributors

pip install NumPy -command

**OpenCV:**  
OpenCV is an library of programming functions mainly aimed on real time computer vision.  
originally developed by Intel, it is later supported by Willow Garage then Itseez. The library is a cross-platform and free to use under the open-source BSD license.

pip install opencv-python -command

**Pillow:**  
Python Imaging Library is a free Python programming language library that provides support to open, edit and save several different formats of image files. Windows, Mac OS X and Linux are available for this.  
pip install pillow -command

**Matplotlib:**  
Matplotlib is a Python programming language plotting library and its NumPy numerical math  
extension. It provides an object-oriented API to use general-purpose GUI toolkits such as Tkinter, wxPython, Qt, or GTK+ to embed plots into applications.  
pip install matplotlib – command

**H5py**:  
The software h5py includes a high-level and low-level interface for Python's HDF5 library. The low interface is expected to be a complete wrapping of the HDF5 API, while the high-level component uses established Python and NumPy concepts to support access to HDF5 files, datasets and groups. A strong emphasis on automatic conversion between Python (Numpy) datatypes and data structures and their HDF5 equivalents vastly simplifies the process of reading and writing data from Python.  
pip install h5py -command

**Keras:**  
Keras is an open-source neural network library written in Python. It is capable of running on top of TensorFlow, Microsoft Cognitive Toolkit, Theano, or PlaidML. Designed to enable fast experimentation with deep neural networks, it focuses on being user-friendly, modular, and extensible.  
pip install keras -command

**Speech Recognisation:**

Library for performing speech recognition, with support for several engines and APIs, online and offline.

Speech recognition engine/API support:

* [CMU Sphinx](http://cmusphinx.sourceforge.net/wiki/) (works offline)
* Google Speech Recognition
* [Google Cloud Speech API](https://cloud.google.com/speech/)
* [Wit.ai](https://wit.ai/)
* [Microsoft Bing Voice Recognition](https://www.microsoft.com/cognitive-services/en-us/speech-api)
* [Houndify API](https://houndify.com/)
* [IBM Speech to Text](http://www.ibm.com/smarterplanet/us/en/ibmwatson/developercloud/speech-to-text.html)
* [Snowboy Hotword Detection](https://snowboy.kitt.ai/) (works offline)

In this mini-project we used Google Speech Recognition

To install this library the command is:

pip install SpeechRecognition -command

**pyttsx3:**

pyttsx3 is a text-to-speech conversion library in Python. Unlike alternative libraries, it works offline, and is compatible with both Python 2 and 3.

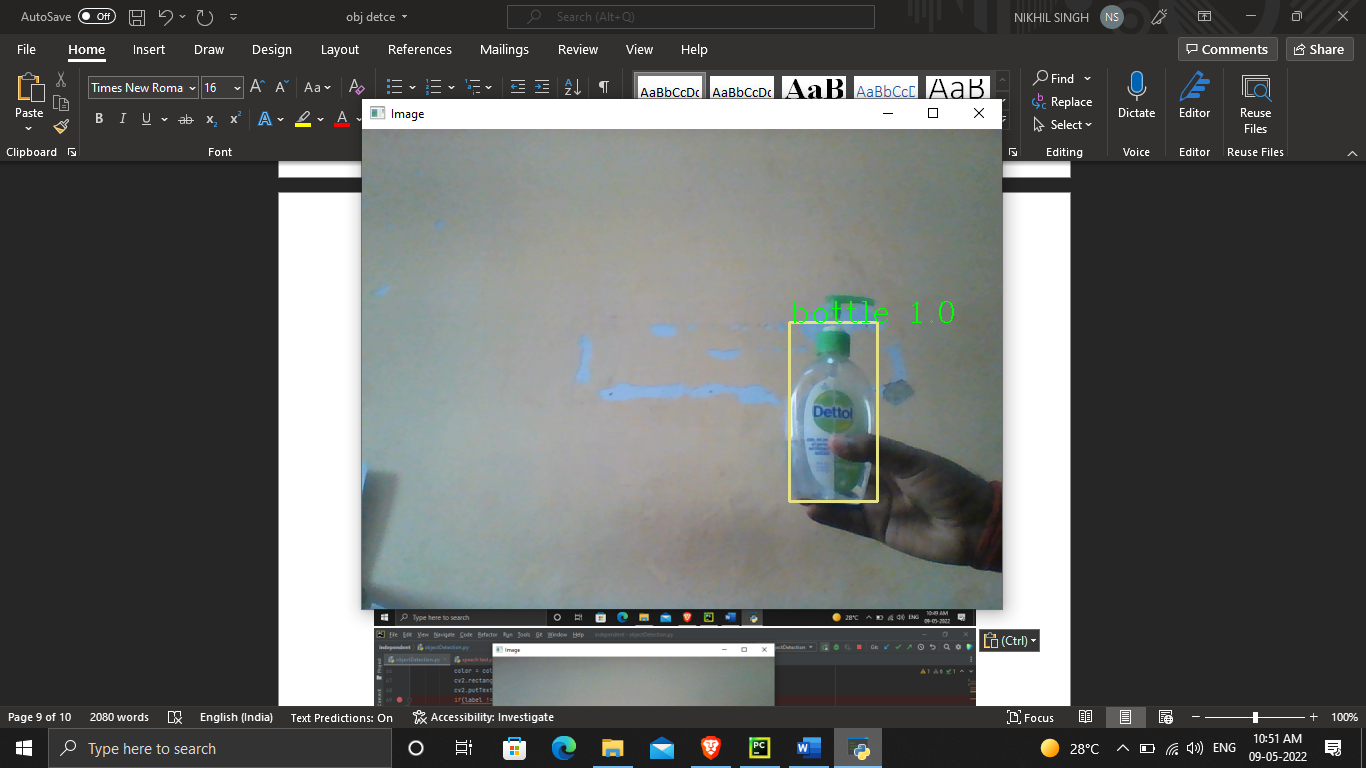
pip install pyttsx3 -command

3) Download the YOLOv3-608 model file weight and cfg file that will be used for object detection using following link  
<https://pjreddie.com/darknet/yolo/>

Copy all the downloaded files to the project directory.

1. **Results**
   1. **Output Screenshots**

Here in results of YOLOv3 model detect objects as per predefined 80 class labels with confidence ranging from 0.0 to 1.0 and in below results it detect objects with shown confidence

A screenshot of a computer

Description automatically generated with medium confidenceA screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generated with medium confidence

Fig.8: Detected cell phone with 1.0 confidence score

Fig.9: Detected toothbrush with 0.83 confidence score

Fig.10: Detected bottle with 0.79 confidence score

Fig.11: Detected small bottle with 1.0 confidence score

**FUTURE ENHANCEMENTS**

This project can be enhanced to detect more objects more precisely and work as a eye for blind people, also it will help in education field as it enables blind children to learn about different objects around them and what these objects are called, blind people are gifted with strong sense of touch they recognize things by its touch and feel but they struggle to tell what these things called in real world hence by object detection with dictating detected objects help them to know what the object really called in real world. Also, these computer vision technology in used with gadgets to make better impact of this technology. This object detection using computer vision in future will help blind to walk freely outside by making their ear there eye ie, they are able to know which object is approaching to them and what’s its size.

In future we can add a faster model that runs on the GPU and use a camera that provides a 360 field of view and allows analysis completely around the person. We can also include a Global Positioning System and allow the person to detect the objects instantly without any delay in frames and seconds

1. **References**

1. Rodrigo Verschae, Javier Ruiz-del-Solar, “Object Detection: Current and Future Directions Perspective”, Article in Frontiers in Robotics and AI , December 2015.

2. Baohua Qiang, Ruidong Chen, Mingliang Zhou, Yuanchao Pang, Yijie Zhai,Minghao Yang,“Convolutional Neural Networks-Based Object Detection Algorithm by Jointing Semantic”, Segmentation for Images, Sensors 2020.

3 Zhong-Qiu Zhao, Shou-tao Xu, and Xindong Wu, “Object Detection with Deep Learning: A Review”, IEEE Transactions on Neural Networks and Learning Systems for Publication, April 2019.

4. Christian Szegedy Alexander, Toshev Dumitru Erhan, “Deep Neural Networks for Object Detection”, NIPS 2013.

5. https://www.analyticsvidhya.com/blog/2018/ 12/practical-guide-object-detection-yoloframework-python