The design of a web application to act as a hub of services for the transgender community in Liverpool

Lucy Alexandria Morris – G4272527

TM470 – TMA03 – 4th July 2023

A person holding a flag

Description automatically generated with medium confidence

Figure A transgender flag being waved at LGBT gay pride march by ‘ink drop’ used under Standard License from Adobe

Contents

[1. Draft Project Report 3](#_Toc139053108)

[1.1 Problem description 3](#_Toc139053109)

[1.1.1 Title (Note: Unchanged) 3](#_Toc139053110)

[1.1.2 Description (Note: updated) 3](#_Toc139053111)

[1.1.3 Analysis of the impact of the project 4](#_Toc139053112)

[1.2 Account of related literature 4](#_Toc139053113)

[1.2.1 1st Lit review 4](#_Toc139053114)

[1.2.2 2nd Lit review 6](#_Toc139053115)

[1.2.2.1 Requirements 6](#_Toc139053116)

[1.2.2.2 CSS 7](#_Toc139053117)

[1.2.3 3rd Lit review 8](#_Toc139053118)

[1.3 Account of Project Work and its outcome 9](#_Toc139053119)

[1.3.1 Previous work 9](#_Toc139053120)

[1.3.1.1 Initial User Interface sketches 9](#_Toc139053121)

[1.3.1.2 Requirements elicitation 12](#_Toc139053122)

[1.3.1.3 User Interface design 15](#_Toc139053123)

[1.3.2 Recent work 19](#_Toc139053124)

[1.3.3 Future Plan 25](#_Toc139053125)

[2. Review 25](#_Toc139053126)

[2.1 Review of project work 25](#_Toc139053127)

[2.2 Review of project management 26](#_Toc139053128)

[2.3 Risks to project completion 26](#_Toc139053129)

[2.3.1 Resources 26](#_Toc139053130)

[2.3.2 Risk management 27](#_Toc139053131)

[2.4 Review of personal development 30](#_Toc139053132)

[3. References 30](#_Toc139053133)

[4. Appendix 30](#_Toc139053134)

Note: Annotations in green will indicate which sections are new, updated or unchanged from previous TMAs for the benefit of the marker.

# 1. Draft Project Report

## 1.1 Problem description

### 1.1.1 Title (Note: Unchanged)

The design of a web application to act as a hub of services for the transgender community in Liverpool

### 1.1.2 Description (Note: updated)

There are many vital services available to the transgender community in Liverpool, but it can be a challenge to find them. This is particularly the case for new members of the community who may be in a vulnerable situation, as the point of coming out is a huge life change that may be accompanied by mental health issues and the loss of relationships. This is compounded by transgender healthcare facing profound ignorance (and in some cases outright bigotry) from many GPs, who may attempt to block or delay attempts at medical transition, alongside extreme waiting lists for appointments at Gender Identity Clinics (McAuley, 2022).

The trans community attempts to solve these issues in numerous ways, mostly informal (e.g. by word of mouth in group chats), but two more formal ways are the Liverpool Trans Wiki (TransLiverpool Wiki, 2023) which catalogues and comments on many services that are available; and the Spirit Level peer support group which invites in guests from services to explain what they offer to the community. The proposed web app will seek to build on these solutions and incorporate this specialist knowledge into it.

The web app will be usable on web browsers and on mobile devices using HTML, CSS, and JavaScript and will utilize an AWS DynamoDB table as a database, consisting of several pages. Firstly, a page that contains a map which displays services on it, which will be filterable by type (e.g. mental health or peer support) and when a service is selected more information and contact details will be provided. (Note: sentence removed RE providing directions on the map) Another page will contain a search function for a database which will return services based on user queries. There will also be a page that will contain an events calendar. The app will be designed such that information will be one way, to protect the user’s privacy and limit the amount of sensitive data stored by the app. Ethical considerations are vital for the project, since some users may not wish to be open about their trans identity and therefore would need to conceal their use of the app. This must be at the forefront of the final product to reassure users that their identity is safe.

The requirements elicitation will also explore another feature, a map which displays the location of gender-neutral toilets at businesses such as cafes, restaurants, and pubs. However, this will be considered for further work beyond this project and will be considered out of scope to keep the amount of development to an achievable level. The scope of the project is for services in Liverpool & Merseyside due to the ability to engage with services and their users directly and due to already existing knowledge. However, if successful the app could be expanded to cover the whole of the UK, it would be a matter of gathering the data rather than any technical challenges. Also out of scope would be online only services that have no physical footprint in Liverpool & Merseyside, some of these may be included in an ‘important links’ page but not as part of the core services covered by the app. The scope of the services included is that they must offer something specific to the trans community, rather than broader services (e.g. the CMAGIC & TSS counselling services would be included, but not the general NHS counselling service offered by Talk Liverpool.)

<https://www.liverpoolecho.co.uk/news/liverpool-news/trans-lives-at-risk-liverpool-25594158>

### 1.1.3 Analysis of the impact of the project (Note: new section)

The project, if successful would increase the visibility of services available to the trans community and so would mean that transgender individuals would gain the benefit of accessing them. As these services provide very important and worthwhile things, it could mean that a trans person gets access to essential sexual health care much faster to avoid potentially living with an STD; finds a peer support group to help them with their transition; or a trans-friendly GP who is prepared to offer HRT (Hormone Replacement Therapy) through bridging prescriptions.

However, increasing the visibility of these services could also have unintended negative consequences too. In the last few years some trans related events and organisations have been targeted by far right and ‘Gender Critical’ groups, including protests accusing trans and gender non-conforming people of paedophilia (Hansford, 2023); violence directed at trans people and allies; and faeces smeared on the entrance of a supportive church (O’Thomson, 2023). During requirements elicitation one of the respondents raised this as a potential risk for the app: “not sure if this might allow terfs to find and cause problems for those services/users who attend that place?” (n.b. ‘terf’ stands for Trans Exclusionary Radical Feminist and is a disparaging term for people from a feminist tradition who are anti-trans, but it is often used as a synonym for the broader ‘Gender Critical’ movement or all people who are anti-trans). There is a risk therefore that this app would provide a way for those with ill intent to target these services.

However, on balance, the positive aspects of the app strongly outweigh the risks it may present. Those who wish to target the trans community could find out about these services through other means already and although it is important to take reasonable precautions for safety, it is also important to increase the visibility and awareness of the transgender community. Indeed, one of the main organised events for the community is ‘Transgender Day of Visibility’ for this purpose.

<https://www.thepinknews.com/2023/03/24/lilah-lilahrpg-posie-parker-kellie-jay-keen-minshull/>

<https://transsafety.network/posts/far-right-attack-on-honour-oak/>

## 1.2 Account of related literature

Three literature reviews were undertaken, the first focusing on DataBase-as-a-Service (DBaaS) products and some other issues relating to databases. The second considered requirements gathering and skills development for CSS; and the third considered the application of database products comparing OpenStack Trove and AWS DynamoDB.

### 1.2.1 1st Lit review (Note: changes in 1st paragraph)

The focus of the first literature review was on sources relating to databases, DataBase-as-a-Service (DBaaS) products and security and privacy issues relating to databases. The database is key to the functioning of the app and was implemented early in development. This also will involve work beyond existing skills, since in TM352, the module the project builds on, the database was already setup and provided with the focus on API calls. The search considered the date that the sources were written, as for some of them there would be a risk of being obsolete, since cloud technology is a relatively recent innovation with the term being coined in 2006 around the release of Amazon Web Services (Regalado, 2011) and has experienced a rapid expansion since then. The source was also considered, with a strong preference given to papers published in journals or from conferences; textbooks; and official documentation.

Poljak et al (2017) compare three popular relational database management systems, MySQL, PostgreSQL and Oracle database 11g using criteria such as differences in syntax and performance. It concludes that Oracle is the best option where speed and performance of complex operations is important, but that MySQL is a good open-source alternative if the cost of Oracle is prohibitive. This may help form a conclusion around which database technology to use for the web app and understand what the trade-offs are since there is no budget for the project. The paper was from a MIPRO conference and has been cited in other published works.

Patil et al (2017) explain the differences between relational databases (which feature linked tables) and non-relational databases (also referred to as NoSQL, it is a more flexible type, including in a document with JSON style structure) and then compares the performance of them primarily using MySQL (relational) and MongoDB (non-relational), among the most popular of each type respectively. They found significant performance advantages for the non-relational database for performing basic operations, as shown in figure 5 below, which shows the number of records inserted and the time each database takes to load them, with MongoDB being the faster of the two.

Chart, line chart

Description automatically generated

Figure Time taken to load records by two databases

Al-Refai et al (2021) lays out some of the challenges facing Database-as-a-Service (DBaaS) service model; unavailability, interoperability and confidentiality and proposes solutions to tackle them. If a DBaaS solution is used for the project, understanding the implications of that is important. The paper also includes its own literature review, which is a useful jumping off point to further reading on the subject. The paper was from an ACIT conference and has been cited by another published work.

The official documentation (e.g., from Amazon (2023) and Openstack (2020)) for the DBaaS’s will be important for comparing them and deciding which one to use. Additionally, they will be a crucial resource for setting up and using it. Although the Trove/Openstack DBaaS was used in TM352, this had been setup ahead of time so some learning may still be required if that is chosen.

Security is another important consideration when using databases and is particularly crucial for this project as protecting users’ privacy is essential both from a moral point of view and to maintain user confidence. Mehak et al (2014) outline the challenges of DBaaS security in detail, including confidentiality, integrity, availability, and privacy. They conclude that further research is needed into the topic, and it should be noted that since this book was published in 2014 more recent literature should be considered to supplement this. The book ‘Cloud Computing: challenges, limitations and R&D solutions’ was described as a “comprehensive overview” by Beidler (2015) for Choice Reviews and the book and the relevant chapter has been widely cited in published works.

Some important factors when choosing database technology are whether to use a relational database or a NoSQL database; whether the database is free; familiarity with the database and the performance of the database. There are multiple solutions that could be viewed as equally correct, or with only marginal differences, so in some instances an arbitrary decision must be made because the time to consider the differences in detail could be used to on more important work. As currently conceived the database would not require interlinked tables since each service would only have properties associated with itself, so a better performing (Patil et al, 2017) NoSQL database such as MongoDB could be used. The OpenStack Trove DBaaS is free and open source, whereas an AWS solution may have costs associated depending on length of use and options chosen (Amazon, 2023). Additionally, having already some familiarity with OpenStack Trove makes it a good choice for the project.

### 1.2.2 2nd Lit review (Note: a few changes in introductions)

#### 1.2.2.1 Requirements

The first part of the second literature review was relating to requirements including how to identify them, the differences between functional and non-functional requirements, their elicitation and analysis. This is crucial for the project, so that the goals and boundaries are clear, as are the expected outcomes and the characteristics it should have. The goal was to find sources that cover all these aspects of requirements, and unlike other literature reviews for this project the date when written is less crucial here, as this subject has not changed over time in the same way that a technology might.

Nilsson & Fagerström (2006) discuss the analysis of requirements once stakeholders have been consulted and how to balance their potentially competing interests to aid in the decision-making process. Furthermore, they outline a method of analysis considers different needs stakeholders might have and the extent to which requirements may meet them. They outline a method of collating all this in a ‘stakeholder and requirement matrix’ as shown in figure 4. This piece of literature is a research paper that was published in the Computers in Industry journal and has been widely cited by other academics, so can be seen as a trustworthy source.

A picture containing text, crossword puzzle, receipt

Description automatically generated

Figure Example Stakeholder and Requirements matrix

Robertson & Robertson (2006) provide a detailed overview of requirements, covering topics such as what requirements are, why they are important and the process of writing them. It also covers the Volere Requirements Specification Template that was pioneered by Robertson & Robertson with others, that forms a foundation and structure for requirements specifications. This book covers important foundational concepts and informed the TM354 module on software engineering, so can be considered a trustworthy source.

These sources will provide both different, complimentary ways to consider and analyse requirements. Both the stakeholder and requirements matrix and Volere template are useful tools that can be utilised, but care must also be taken that they are used in a proportionate way for this project. Using them to their full potential would take a very significant amount of time and as previously stated, so care must be taken to use shortened versions which will still be elucidating and provide context for discussion on future. The textbook for TM354: Software Engineering Block 1 Units 1-4 From domain to requirements (The Open University, 2014) does this with the Volere Template and so will be a useful resource as an example of narrowing this down.

#### 1.2.2.2 CSS

The second part of this literature review was on sources related to skills development for CSS, to assist in the development of the visual elements of the user interface. Previous modules such as TM352 did not cover CSS in much detail, so the goal was to learn enough basic CSS to create a simple, but functional appearance for the app. Since the CSS language is being continually updated, more recent sources were preferred, though some older sources may still be of use since the basics of the language have stayed the same.

Gray with CSS Tutorial – Full Course for Beginners (2022), produced an extensive video tutorial for freeCodeCamp on CSS starting at the very basics including fonts and colour changes. It also covers grid layout and flexbox, as well as media queries which may be useful to ensure that the app maintains the intended appearance on different devices. The tutorial also covers accessibility issues, for example mentioning how code will affect the way screen readers will read the page, so it also will be a useful resource to ensure FreeCodeCamp is a charity founded by a teacher to provide free online courses teaching coding and has other learning materials that may be useful going forward for the project, for example on JavaScript and REST APIs, if required. Gray is a lecturer and PhD student at Fort Hays State University and has produced many teaching resources on web development. This source will be a useful starting place to learn the basics of CSS and could be combined with another source such as a textbook to fill out knowledge gaps as needed.

Meiert (2015) in ‘The Little Book of HTML/CSS Coding Guidelines’ provides guidelines for coding, explaining good practise and the reasons for it. For example, naming classes/IDs so they properly reflect the purpose of an element and are ‘as short as possible but as long as necessary’. This will help ensure that the code is consistent and easy to read, both for other people but also for myself as the project goes on, the amount of code expands and there is a need to return to code written months earlier. Similarly, the W3C markup validation service (2023) will help ensure the code is valid and using proper syntax.

There are numerous books on HTML and CSS which would be suitable for skills development for this project, so there must be a degree of arbitrary choice when considering which one to use. Web Design Playground: HTML and CSS the Interactive Way (McFedries, 2019) is a more recent one, ensuring that newer updates to the language can be covered if necessary. Additionally, the author has written many other books which have sold ‘over four million copies’ on the web development and related topics, so can be considered reliable source when covering an introductory topic. The Book covers the basics of CSS and HTML including topics such as pseudo-elements and how the cascade and inheritance work.

These sources will give a solid grounding in CSS, combining audio-visual and written learning to aid in the skills development required for the project. They will also help consider accessibility issues as development continues, to ensure that the app is still pleasant to use for people who use screen readers, have colour blindness or any other potential barriers to using the app.

### 1.2.3 3rd Lit review (Note: new section)

The first literature review in section 1.2.1 concluded that a NoSQL database would be a suitable for the project, and that OpenStack Trove would be a good choice due to previous familiarity gained from TM352, as well as it being a free open-source option. Another possible choice considered was AWS (Amazon Web Services) which has a NoSQL database DynamoDB, but concerns were around cost as AWS charges for some of its services and there is no budget for this project. The familiarity with OpenStack Trove was with the use of the database and API calls, not its installation and setup, so some skills development was required first. This literature review will therefore consider sources for skills development for the setup and installation of a database and either consider whether the decision to use OpenStack Trove was sound or whether using the alternative option of AWS DynamoDB would be more suitable.

The official documentation for Openstack was part of the first literature review in 1.2.1, which provides information on how to install OpenStack Trove and how to setup a database. In addition to this, FreeCodeCamp previous cited in the second literature review in 1.2.2 also have a video guide for setting up and working with OpenStack Trove (OpenStack Tutorial – Operate Your Own Private Cloud (Full Course), 2022). If OpenStack Trove is used as a database, then this will be a good starting point for skills development in using the database.

The OpenInfra Foundation was formed to govern the OpenStack project and its mission is to help people “build and operate open infrastructure” (OpenInfra.dev, n.d.). It hosts yearly summits which features industry professionals working with open infrastructure to give talks and presentations, which pertain to open infrastructure, and are hosted on their YouTube channel. Configure, Debug and Install OpenStack Trove (2016) is one of these presentations by Sadasiva Pillalamari & Rama Krishna Bhupathi, software engineers for Hewlitt Packard Enterprise, each with decades of experience in the industry. The presentation includes a demonstration of a non-relational database, MongoDB, which it was decided in the literature review in section 1.2.1 would be most appropriate for this project. This presentation and others from OpenIntra Foundation would compliment the previous sources for skills development for using OpenStack Trove.

<https://www.youtube.com/watch?v=_gWfFEuert8&t=1203s&ab_channel=freeCodeCamp.org>

<https://openinfra.dev/about/>

<https://www.youtube.com/watch?v=hUBcAaybepA&t=2s&ab_channel=OpenInfraFoundation>

Having done the above research, one thing that became immediately apparent is that OpenStack is not available for Windows and must be installed on Linux, so would require either an installation of a dual boot or virtual machine (VM) for Ubuntu 16.04 and the installation would require the following steps:

1. Create a VM (or dual boot install) for Ubuntu 16.04
2. Install OpenStack using the Linux CLI (command line interface)
3. Install relevant packages including Horizon, the OpenStack GUI
4. Install Trove

While this is certainly achievable, it would require further skills development and refreshing knowledge for installing an Ubuntu VM and using the Linux CLI. Additionally, the process may take a significant amount of time and could stall the project if there was an unforeseen issue with VM installation. Given the time constraints of the project, it was considered prudent to investigate the alternative of AWS DynamoDB. To begin using AWS DynamoDB is very straightforward in comparison with OpenStack Trove, as it is a matter of creating an AWS account and confirming credentials, then DynamoDB can be interacted with through the AWS GUI on a browser. The concern was noted previously about cost; however, AWS provides a ‘free tier’ of 25GB of storage, 25 Write Capacity Units and Read Capacity Units, enough to allow 200 million requests per month (AWS, 2023), which would be more than sufficient for this project given the relatively small amount of data involved. Were the project to have a full release, this must be kept in mind so that unanticipated charges were not incurred if the amount of data stored or transferred were to grow significantly.

<https://aws.amazon.com/dynamodb/pricing/>

Skills development for the use of AWS DynamoDB therefore also needed to be undertaken, with the AWS documentation developer guide being a crucial resource. As it is provided by Amazon, it can be considered a definitive source and it features guides for setting up and using DynamoDB tables (the terminology used to refer to a database) and how the unique identifiers, the partition key and sort key work. One of the challenges of using DynamoDB is that the API’s need to be set up manually, as although AWS provides low level APIs these can be cumbersome to use, and it is recommended that using the AWS SDK (Software Development Kit) is a better approach. The documentation includes a step-by-step guide on how to set this up and how to use the SDK.

<https://docs.aws.amazon.com/amazondynamodb/latest/developerguide/Introduction.html>

Two textbooks have also been identified to supplement the AWS documentation for skills development. Tankariya & Parmar (2019) provide a guide to passing the AWS Developer’s Certification, which has a chapter on DynamoDB featuring an explanation of the Query and Scan operations that may be useful for applying the service tags and allowing users to search for the services they need. Deshpande (2015) in the DynamoDB Cookbook explains from the basics of how to get started with AWS to designing applications and provides many ‘coding recipes’ which may provide useful jumping off points when implementing the code for the project. All these authors are experienced, active industry professionals and given the subject matter is relatively basic, it is reasonable to consider them reliable experts.

<https://ebookcentral.proquest.com/lib/open/reader.action?docID=5785314&ppg=382>

<https://library-search.open.ac.uk/permalink/44OPN_INST/j6vapu/cdi_safari_books_v2_9781784393755>

While conducting the literature review, the decision was made to switch from using OpenStack Trove to AWS DynamoDB as a DBaaS solution for the project. This was due to the time investment required to implement the OpenStack Trove Database, and the uncertainty around issues that may have arisen during the installation process including an Ubuntu VM. The sources outlined will assist in the skills development required to implement and use the DynamoDB database to move forward with the project.

## 1.3 Account of Project Work and its outcome

### 1.3.1 Previous work

#### 1.3.1.1 Initial User Interface sketches (Note: some changes)

Three initial ideas for UI layout were roughly hand sketched in Figures 4, 5 and 6 with Figure 4 using Google Maps for inspiration, Figure 5 having menus that swipe in from the sides and Figure 6 being a much simpler and more basic. The advantage of the layout in Figure 4 is that it will be familiar to users, since Google Maps is such a ubiquitous app any app using a similar layout should feel natural and easy to use. The layout in Figure 5 would have a clean and pleasant interface, keeping it uncluttered, particularly for smaller devices. This style is quite common, including in apps such as Twitter and Discord. However, it runs the risk of users not realising the menu is there without some visual cue, so care must be taken to carefully gather feedback.

As previously stated, current experience with CSS and visual styling is limited and both the designs in Figures 4 and 5 may require some time learning how to implement them. Time was allocated in the schedule for skills development on CSS and the literature review in section 1.2.2.2 identified appropriate sources for this (sentence removed, as the skills development occurred, and some CSS was attempted). Figure 6 shows a more simplified layout that could have been used as an alternative if the skills development were unsuccessful or time constrains meant that attempts styling were limited.

Diagram, engineering drawing

Description automatically generated

Figure Rough sketch of UI using Google Maps as inspiration

A piece of paper with writing

Description automatically generated with medium confidence

Figure Rough sketch of UI with menus that swipe in

Diagram

Description automatically generated

Figure Rough sketch of UI in a simplified style

#### 1.3.1.2 Requirements elicitation (Note: some changes and new paragraph on adhering to OU guidelines on research)

Initially the preliminary project description was reviewed to identify some potential requirements, these would represent the outline of what the system as initially proposed would deliver. The next step would be to consult with stakeholders so that their feedback could potentially confirm they were correct, remove them entirely, or adjust them. These proposed requirements are outlined below, with functional requirements and non-functional requirements having the abbreviations FR and NFR.

The system shall:

* FR1: display services for the transgender community in Liverpool on a map.
* FR2: provide information and contact details for each service.
* FR3: have tags to show or hide the services displayed on the map.
* FR4: show directions to the location of a selected service.
* FR5: have a searchable database of services.
* FR6: display events related to the services or for the community in a calendar.
* NFR1: give the user control over privacy.
* FR7: display the location of businesses with gender neutral toilets on a map.

Using the classes of non-functional requirement identified by Robertson & Robertson, NF1 could possibly be considered a legal requirement (due to legal requirements of handling sensitive data) or a security requirement (due to maintaining confidentiality). However, it could also be described a cultural requirement since there are unique aspects to the trans community that go beyond what might normally be considered ‘privacy’, such as the name of the app and when notifications may occur.

Nilsson & Fagerstrom (2005) suggest constructing a ‘stakeholder and requirements matrix’ which can be used to show “a rich picture of all the stakeholders” and the relative importance of their needs. As previously discussed, the amount of feedback sought from stakeholders has been scaled down to be manageable for the scope of this project, so only a partial matrix will be constructed, but a full release that elicited more responses could flesh it out further. A questionnaire was therefore designed to elicit responses from stakeholders that would assist in both the creation of the matrix and to get feedback on the proposed requirements. Participants were asked how useful a feature (that that delivered a proposed requirement) would be to them; to rate the importance of it; and for further feedback, as shown in figure 5. A full copy of the questionnaire is included in Appendix A.

The Open University guidelines on conducting research with human participants were followed, with the research not being considered high risk as all participants being over the age of 18 with full cognitive capacity, the full knowledge and consent of all participants was gained, and the questions did not broach sensitive topics. The Participant Information Sheet and Consent Form, which explain what data is stored, what it will be used for and to gain consent are in appendix A (Open University, 2023).

<https://learn2.open.ac.uk/mod/oucontent/view.php?id=2093267&section=1.5>

![Table

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDoRXhpZgAATU0AKgAAAAgABAE7AAIAAAAKAAAISodpAAQAAAABAAAIVJydAAEAAAAUAAAQzOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAERheW5lc3RhcgAABZADAAIAAAAUAAAQopAEAAIAAAAUAAAQtpKRAAIAAAADMjkAAJKSAAIAAAADMjkAAOocAAcAAAgMAAAIlgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADIwMjM6MDQ6MTQgMjM6MTY6NDYAMjAyMzowNDoxNCAyMzoxNjo0NgAAAEQAYQB5AG4AZQBzAHQAYQByAAAA/+ELHGh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iLz48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdGVEYXRlPjIwMjMtMDQtMTRUMjM6MTY6NDYuMjk0PC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyI+PGRjOmNyZWF0b3I+PHJkZjpTZXEgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOmxpPkRheW5lc3RhcjwvcmRmOmxpPjwvcmRmOlNlcT4NCgkJCTwvZGM6Y3JlYXRvcj48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAcFBQYFBAcGBQYIBwcIChELCgkJChUPEAwRGBUaGRgVGBcbHichGx0lHRcYIi4iJSgpKywrGiAvMy8qMicqKyr/2wBDAQcICAoJChQLCxQqHBgcKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKir/wAARCADjAqwDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD6RooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAoorI1jV7qxv9PstPs4bqe+aQL59wYVQIu48hGP6U0nJ2Qm7bmvRVFtSSw01LrxBLZ6cc7XJusxKcnADsFzkew/rTpdX02DTk1CbULWOyfG25edRG2emGzg5o5WF0XKKxtS8WaLpVvYz3WoW/k38gjglWZNrDu+SQNo4yRnGRWlDe2txnyLmGXaiyHZIDhWGVbjsQDg96bjJK7QXRPRVG41vSrSGOW61OzhjlQSRvJcIodTjDAk8g5HPvTptY0y21COwuNRtIryXHl27zqsj56YUnJzS5X2C6LlFRXMrwWzyxW8ly6jIiiKhn9huIH5kVR0DVpdYsJZri1W1lhuZbd4ll8wAoxUndgenpRyu1wvrY06KKKQwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK5zxFpZ1PxFoQdLryI2nMsltLJEUzHxl0IIyeOvNdHRVRk4u6E1dWOS13TZrLU9Int7nVI7K1iniaa1T7ZNG7lCrESJIzAhWXIGRkDOCaqG3lsLKyktTqy2017PPNevp6S3cTMDgpEsZ2BznJMeeeQM13FFaKrpZonk1PPrK2vovC9lPPa35W115rpkltv3/kmVzu8tF5Pz5IUdzxgVrXF29hr+pXBsL+4j1Kyg+ymC0dtzjeCjcfuz8yn59o55Iwa6uih1bvVCULHH+H9NlTUfDst1ZyK1roAiLyREeVJ+6BXJHytgMMdetZ9zpczXGsafqNxrqi/vWkSKxs43imRtuxvNMRCEAAfM642AjjFegUUe2d7hyK1iK5uEtLZ55VkZEGSIomkY/RVBJ/AVz3g253xajC9teQO9/c3C/aLOWEMjykqQXUA5B6dfaumorNSSi0XbW4UUUVIwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK5rxrqOoW9lY6XoN19k1bVrpbe3n8tZPJUAySybWBBxGjDkYyy9eldLWFrPg3RPEWsW2oa/ZRamLWB4YbW8iSWBN7KWfYwPz/Koz2HTqaAF8K6+dd8HWmqTKq3XlFLuJT/q50ysqfg6sK5nSviLr2rRaGYPCluj6/Ym8sA+q/KgURl/OIiygxINpQSE8ZCZO3p9A8J6Z4Zg1C20ZGt7O+uDcfZECrFbsUVWESgDap25xzyTjGai0vwbp+kroAtprlv7AsnsrXzGU70ZYwS+FGWxGvTA5PFAHP6p8UBp/hKw1v7Hptubm3lleDU9YjtSXjOHhiO1jK4YEdFHTkZxVi78f6g9xfjQfDy38Fhp0GoyyTXwgZo5VdgirsbMmEOASFPdh3kk+GWnfZlhs9W1WyBtZrOdoHh3XEEsjSMjFoyVwXbBTa2D1yARSX4ez3HiPVo21HU7DSZtMs7BGtZogbuNFlV0fKsVOGX5lCN8xwaAOl1HxNHZaTpOpxW5ms9QubeFpGfYYUnIVHIwc/OyLjj72c8c5Nn8QVvplgh00+fLrX9mQxtOP3sW1pPtI+X7vlo7Af7OM9639V0Cy1bw3Nocge3tJIREhgwGhC42lMggFSARkHkCs7TfA2l6XrljqdtJcmSx06PT4oncGMqmQshGMmTDMu7OCGOR0wAcx4C8Xaw3hzw1ba5ZExapZSC21B7/AM24lljTefMQpgBlVyGDucKNwUkgXdC8carq2kaUui6QdVu20e31O9N5fLCyrMG2IpWII8jeXJ2jXgcjPG3Z+CdNsbHQbWKe6KaCHFsWdcvuiaM7/l54c9Mc4+lU4PhzY2NvYRaVq+racbTTo9MlktpYw93bx/cWQlDhhl8PHsYb2wemADH0/wAW6tpOo63LeWX2vSE8RrZPdS3xEluJTDGgji2kFA8gz8y4ySAa6rX9evNO1LTtL0fT4r/UdQ810S4uTBFHHGAXdnCOeroAApyW7AE1HP4L06406/snmuhHf6nHqcpDrlZUkjkAHy/dzCuQcnBPPpY13w3HrdzY3keoXmmX1gzmC7sjHvCuu10IkR0ZThTgr1VSMYoA4jwp4t1KO3sft66jcSzTa5M9qsqSsfIucLFypZiA21QrqOMYYYxp23xFvLrw3Yalb6Zpl9NqF/HYwwafq/nLG7xl8Su0S7GUgBlwSAc8nCnT074f6fpKWn9n6hqMctmL3yJ3lSR1a6cO7Euh3FWA2ls/7W6snW/h/cSfY3s9R1K8vp9YgurzUnkhjmiSOJ0VlCIiHbkcbDnOGDDigBl34p1G/wBZ0KyuYG0q+tPEosb6C3ujLFMhsZplw+1d6EMhwyjDL04Bpf8AhaEjavfabb6dp15eQ2d1cw2llrCTzhoCMwzoqYhkO7gAuMgjPGa3LXwLYQSWs897fXd5Bqf9qSXc7R+ZcTeS0A37UC7RG2AqhcbV98w6D8PrLQNQ0+4g1TUrmLS7eS2sLWdovKton25UbY1ZvuLyxZuOp5oAqap8SYbe3nudJsBqFnDZWl09205jijFy+ELkK21FQGR3wdq44Oau63q91c/CbV9Wimtorg6TczRTaZemeNSI3KvHNtQnoDkAYP0zWf4J8F3ei+DbizF3eaJeXl9Lcs1uYZZIY922KLLrIhAiWNeBxjity38IWFt4Nu/Day3DW17HcJPOzL5rtOWMj8LtDEuxwFCjsMcUAYUnjjUrXT72TTtFXUrXQrWF9TnmvTFKzGFZmESbGEjCNlb5mQEsAD1I07PxXfavrM8ehaPHd6XaTRW9zdyXnlS73RHJjiKEOqpIhJLqT8wUMQMx3vw9sbuS5Eep6naWt/DHDqNpbyRiO+VE2fOShdSUAQmNkJAHPANW08H29vr02o6fqWoWMNzLHPc6fbOi288kaqqsfkLr8qICEZVYIAwILZAOZuviR9tutW0RVsIbkabezQtYaslzPbNCACs6Io8l/myMM4yrDPFXfEGt61pfwdtdV0d45NQFpas01zLg/NsDNko+4nOOR3JzkczWPwx02xWCL+1dUntrSynsLO2leIJawygBlXbGCxwq4Zyx45J5rcvvDVnf+Dz4cmknW0NstsJUYCRQoAVgcY3AgHpjI6dqAM6HxNrUni+Pw+dDsxNHYwXt5ONRYxwpJLKhVP3QZ2HlZGQoOSCVwN2JF8V4zdarbS2mnST2OlXOpJDZaulzInkY3QzhUxDJ8wHBkXIbBOOeqs/DMFtqs2pXN7d313cWEVhNJceWPMRHkcMQiKAxMrA4wMAYA74dv8LtNhthbS6vqtzBHpM+j28Urwhbe2lCAqu2IZYCNcM24+u6gBv/AAn2o2sF42qeHDHKuknVbK3tLv7RJPGDho3AQbHBZM7fMHzHBOOd7w9rz6z4dOquNPnU7yn9j3xvY5Avo5RMtkEbccHvTZ/C0L30N7a6heWd3b6e2nxTQ+WSiFkYth0YFsxgcgjBPHTEmieHItDsb6KC+u57m/na5ub2by/NeUoqb8KgQEKiAAJj5ckEkkgHKRfFRB4QGuXsGkQedcw2kUI1fIglcZKXTNEv2coOWGHIwQATgEtPik2pQ2kWladY6jfz6q2lsLTVBJahvs7TrIs4j+dNoAb5QyncMEqA2t/wr60lN1cXur6nd6ncSW8q6lIYUmhaAsYtgSNY+DI/3kO4OQ2RgVeTwr5kumTaprOo6nPpl615BLcCBDkwtFsIiiQFcOx6ZyeuOKAM7/hO5Y/OtLnS1TV4tXh0sWa3JZZDIqyearlASoiLv93P7thVPSfGmp31lYWmkaf/AGnqVyb2VzqF4sCRwwXDRZLxwnJJKhVCdAdzZGW35fCOmzeN4fFLNOL6K2+ziMOPKbG7EhXHLhZHUNn7rkelUB8PrO3hs/7K1bU9NurQ3IS8tniMjJPKZZI2DxshXfgj5cjaMHrkAxdZ+L1lo2rXVrdQ6fbrp3krfQ3eqpFdhnVXYQwBW87arrk7lBO4LnHO/o3i6XV/GGp6N9msbZbB2QpLfEXjgbcS/Z/L4iYtw+85GPXAePBwt9TkvNI13VdLNwIzdRQNDKtyyKEDuZo3bcVVVJBGdoJ55qDVvCN7c3Nzqdtrd3c6kkFxHpiXnlJDYtMMFlMUSu20YADM3Trn5gAaninXG8NeGbzVltDd/ZgpMe4qoBYKXdgDtRQdzNg7VVjg4rO0rxfJf6to9hLBYSHU7G5vBc6df/aoAIpI0AV/LXfuEuc4GCpHPWtY6TcDw9BpkGsX1vNDFHH9vTy5J22gAsTKjqS2OSQeprEX4e2cMVo1jq+qWd9by3MrahA0PmzG4YPNvDRmPDMqn5UXBUYxQBVsvHmo61DZpoGgw3N5NaSXk0VzfmGOKNZWjVQ4jYs7FWIG0AAHLDjOZB4u1jSNc8WXM1g15pVprFvHK09/te1SSC2BWKPawbaXZ2G5BzwWJNbkHw6sbC3sk0fVtW02W0tntPtEE0bSTQs/mbHMiMDhicMAHGT83Jq3P4I024sdatHnuxHrVzHc3B8wFlZEjQBSQeMQrnOTknn0ALHinxAfDmlpdgaeoeURmXU9QWyt4+CfmkIY84wAFYknsMkczB8UPt1loE9lY2EX9sJL++v9T8i2EkcoiMUcyxOJXZtxUYXcq59h1OveHI9dmsLhb670680+VpLe6tBGXTchRhiRHUghv7ufQisd/hzaP4ZTw8Nb1ZdIIlW4tcwN9rEkjSOHdoi4yWIyjKcd880AaXinxFc6B/ZMdhpq6hc6pfixije48lUYxSSb2ba3yjyucAnBJAJAU4dj8QNTmnga/wDDsVrZjVTpF1OuoCRkuN5RWjXYN8ZbYNzFGG4/Icc9Tqmi2+r3Wlz3Lyq2mXn2yERkAM/lSR4bIORiVumOQOazz4M09rVoDNdbG1cauTvXPnCUSbfu/cyOnXHfvQBz2j/FrT9X8SWenx/2b5F9dS2luItUWS8VkDkNLbBcxo3lnB3MRuTIGTibQPiBq+uWujXD+Hba0TXrKSfTt+pliZFQPslAi+RWG4hl3nA5UE4G5pXhQ6JeA6drmpx6csjyLpREDQLvJJAYxeaF3MSBv46Djik0zwXp2lWvh23t5rpk8PRNFal3UlwY/L+fCjJwe2OaAOY8P+Otbh+Fuh654iXRUuL6KMi7vtXW0gkym7c7GL5HbBwiK44PzCrfhzxVJ4n8XaFfW7SwWd94fnuGtBNvjEgnhXPHDY+YBscg9s4q7b/Dq3srDTbew17VrZ9JZxYToLZntonUKYQGhKlMAcsC/H3scVe0HwTpvh64sJbKe7kawspbKLz5A+5JJVkJY4yWyo5z0znJ5oA5vUvFmr+HvFHi+8SxOo6VpcNtcXAlvjH5EflEv5KbWDNgFiDsBwPmyeJNX+LenaV4iu7A/wBmG3sbmG1n87VFiu5GfZlobbaTIiiRckspO18A4Gej1Lwdp+qQeIYria5VfEFuLe6KMoKKIymUypwcHvnmmDwj9n1ia+0nXNT0xbqRJbm1txA0M8iqF3ESRMykqqg7CucZ65JAM24+IUdr47tvD08Wm/6TdG1VI9VR7yNvLZw72wX5Yzt4O8nDKSozgc94Y8SeKn1DwfZQfZ7y0vrK+luXu7xhJIY7iNdxPlMcor/KN2G3EHbtBPUxfD6yi1mK9TVNS8iHUZNUisN0XkJcSb97Z8vecmRzhnIGeMYGJbfwLZWQ0U2GoX9tJo/nLDIhiZpY5XDyRvuQjaSq/dCsMcEUAc/4M8W6vDY6VDq9kZrLUdUvLKLUJL4vN5iyzsoMZX7m2MqDvyMAbQOa7XxFdXll4a1G60tY3u4bZ3iEr7FyFJyTtbp16HNZ8XgyxtdM020gluHGl38mo2++RRvlcykqxC/dzM3QZ4HXva0DR7my8KQ6brt22pXLo/2uV3Zg7SMzMqk87BuKr6KAKAOZ03xj4k/sbwvBPotleatrVo0quNRKRAJHGxeRvJypYOflVGwcDkElbM3xDS18dWvh65h00G5ujaqkWqpJeRt5bOHe2C/LGdvB35wykqM4GlpHgy30r+xi+p6hfNosMkFq9yYs+W6qu1tka5wEGD165JqtF8PrKLWYr1NU1LyIdRk1SKw3ReQlxJv3tny95yZHOGcgZ4xgYAKWj/EG+1CXSZr3QEtNP1iWaC0lS982YyxI74aPYAFYRPtIYn7uQM8TeHviJY6joT6vr91oui2u9Igr6sGkhkIJMM4dEEUoxymW6N6ZOhD4J0+30/RbWC6vEGi3ElzaybkLF3SRDuyuCAJmI4HIGc8g2NE8Mpo+pXmpT6le6pqF5HHDJc3giVvLjLFECxRouAXY5xnnrgAAA4e/8T6lZeLPFPiKeJL3StB0uK4tI7bWZljkRkkYN5Sp5blx/E27btXbntual4zu9D1WGTxHavYwJpN9qM1va3KTqEgMON2YlJkxIeFfaOeWyCNbVfBenaxD4gjuZrpRr9qlrdeW6jYiqygplTg4c9c9qn1fwrpmu6ml3qaPMBYXGnvblgI5IpyhcNxnP7sAEEdT7YAOOt/jDbvYajI9tpd3c2dgL9INI1hLwMm9UZHcIojcF145BzweDWrcePb3TP7TtdZ0OOHVLaO0e0tba985Lo3MrQwqXMa7D5ikN8pAByC3SrzeCmudDutI1TxJrGo2dxCsIS4+zBogCCCrJCpJ4xli3581NrfgnTdevb66u5rqOa8tLe23wyBTCYJXmikTg4cO+cnI+UcdcgHD6xrviFb7xMuoGTTZ7e40FEitL9pYlWS8w5jbahw6na2VXOCORgnrrfxx9oubWxGn41KXV5tNltvPyIViVpGmLbfumLY4GBzIo75pB8O7GRb9r7VdUvrjUZbOW4uLiSPczWs3mx4CoEUZwpCqAQM8MSxTTvC8kfxX1nxJNA0cMllDb2xMgIkkP+tkCg/KdqQpyATs9KAItd1fULzxbcaLY6lc6TaaZp6aheXFjaLcXU3mNIqRxoyOMDy2JwjMTtAxznA1Dxdss/D6f8JxcWNjcanc2t5qt1Zw2cyiOJ2WORZ4tisHCqSEXPoK7bWfCsGq6pb6ra6hfaTqcEZhF5YNHukiOT5brIjoy5O4ZXIPQjJzX07wRY6fLp85vL26ubG9uL7z5mj3TyzK6uXCoq4w5wFC9B15yAVvDPiG+k+HlxrWpE3xthcyW9wUEJvoI2bypsAYXeiqcgYOdwGCBVA/ETULXTzeat4dW1iuNHn1WxEd95rSCFFdo5cIBGxDrgguOvPGD1mv2s174a1O1tU3zT2ksca5A3MyEAZPHU1y+k/DqJtAjg1zUtTupn0dtMWOeWJhYxyoolWIqnJ+VRucucKOcE5AJNR8b6lpfh+01LUtO0bTWvGLRDUtdW3iWPYGVWkMZ/fHJ+RVZQFY+Z0y2x8f3mvw2T+FtCF80ulw6ncx3N59nMSTbvLjQ7GDyHy5OCUX5RlhnjV1LwhBf3Gm3NvqV/p11p1u9rFcWhi3tE+zch3ow58tTkAMMcEVQt/hxYafb2MWkatq2m/ZbBNNke1mjDXUCElFclDgjc+Hj2MN556YAMM+LvE0Nn4zn1KOCO00vUxb20tpdr50WUtiIwr25UqRIzFmyQWKgYAaumg8U393q959l0iNtGsLl7a6vnu9swZEyzJDsIZASFJ3huGIU4GUvPAtleS61u1C/jttakSa5tEaLyxKojHmKShYMREoI3FevGeani8IQQa3cXtvqWoRWt1Obm40xXT7PNKV2ljlN4BwCVDhSRyDk5AOW0f4w2urMPJs7O6a4sJ720tNL1Nby7IjUOIpYVUeXIynhQXG4FSc4z1nhDxC/ifQxqTHSyjthDpmoG8jxgHDMY02sCcFcHHr2qDS/CM2jWf2Kw8T6yllHAYLW2cWzrar0XYzQl22jgb2bjrmqsPgy7stVtri11m7l86/F9qt1NIqT3ZSHyootsSImzhSeBkIByTkAE3inxdL4f1fTNPhtrLdfh9tzqV8bS3DAqBEHEb7pW3EhMDIVueMVi3Xxa0+28Ty6cf7N+zwakmmyK+qKt6ZGZU3pa7SWjDuATuBwGYKQBnpvEvhkeJ7R7K61a/ttPmiaG6s7YQ7LlG6hmeNnGRxlGU+nPNRQeEvsGrS3ek63qWn289yLmfT4RA8Er8bv9ZEzqG2jIVl5JIwSTQBjD4jXBudXsm0J1vdDguJ9TRrgiOJFUtAUfZ8/nAZHA2gPnlcHUk8YlL+ytl04yG60WbVhi4VSPLaIeX82F5877xIA2+/Dbb4f6RbXv2wSXUlzKtwl7K8i7r9ZuWWbCjIBA27du0KAMDINEfC7TZYXi1TV9X1NW0qTSF+1Sx/u7dzGcAJGoLAxj5jknJ3FsDABhX/AMRH1/w1rMNjPYxXmm3Wmk3Oi6r9rheOa6VcCUIhDYRwy46EcnNep1yP/CvLSY6k+o6xqmoXGpfZPPnnaFWAtpWljChI1UDLEHjkehyT11ABRRRQAUUUUAFFFFABRRRQAUUUUAFYGu+LrHw7renWeqyW9paXkE8sl9c3CxRweWYwAd3HzGUDqOfXNb9c3q+iz3vxC8N6otqkttp1veh5mK5heQRBcA85IDjI7Zz1oA0b3xLoWm6bb6jqOtadaWN0FNvdT3aJFMGG4bXJw2RyMduadfeItF0yS0j1LWLCze9OLVbi6SMz9PuAn5vvDpnqPWvNIfB/iXTP7GvIYdST7LFf2r2+kvYmaJZLoyRkC5Bj2FAoO0hhhRzzit4j8G+JT4Tn0Hw/p+pizl0FLO3UNp4ldx5v7q7kfPyruAQQ8As/I4NAHa6p8SdI0HUNSg11o7KKz1G1sEledB5rTJG28hiu1UEmW5OFUn2qzbePtEl1250+51HT7WMfZ/sVxJeoBfecm8eWDjd1GME5yK57V/DOuSS67dwWDXLvrWlahbxLNGGuUtxbmQAswAb924G4jJHvml1zwtqeraf49ni0jZda3pcMVkkrxeYzrAw2FgxAKuRznGeQT1oA9HrMXxLoTatHpa61px1CUsI7QXaea5UsGwmcnBRweOCp9DUOia5Jqupara/ZSkOmyx2/2rfkTy7A0gAxxsLBSQSM5HGDXnWkabf6wmo6ZZaD5aN4ylv31gSRCOMQ3e8lhuEhkIjMYwpGGX5hyAAenReINGn1qTR4NWsZNTiG6SyS5QzIMA5KA7hwR27imW/iXQru6vLW11rTp7iwDG7ijukZ7facN5gByuCCDnGK890TwZrFtqltY6r/AG+0VnqVxeW91bvp/wBjDSGQiQnAuclZSGBz8xPJHNVtC8E63b6NbabqcGvSXWlaXc2Vs7y6cLF2aIxnYYws5VyFYeYM5wW5GaAPUtP1fTdWWZtK1C1vRBIYpTbTLJ5b9drbScHnoarWfinw/qIY6frum3QSZYGMF5G+2RjhUODwxwcDqcVHo2m/2d4IsdNlssGDT0hktYSoyRGAUByF65Gcge9cNb6D4nTQxbw6bftp2kX1hcaXp2oT2v2vy4n/AHkYeJjGVCbNhdtxIbc2MGgD0S41zSbPz/teqWUH2d/Lm824RfKbZ5m1sng7Pmwf4eelQr4o0B9Kj1Ndc01tPlZljuxdx+U5VWZgHzgkKjk88BWPY15lrllqyX76pqXh4g6j4ss7q20+WeF3kSOzCYyCUD5jOATjdj5sfNTta0/ULbUtM1a78PlX1LxlHew6O8sJkXy9PkTcSGMXmkxFx82M7csDkgA9MPiXQl0Ma02tacNKY4F+btPIJ3bf9Znb94Y69eKSXxRoFvpkWoz65psVjMpeK6e7jEUiggEq5OCMkDIPeuGt/D2t2mpx+JDoDy7tbub86Ms8PnwpJbpCHBL+UZMxs5G/pK2CTwZ9H8I6kvijTNWvNMjghbVNQ1FrdnjY2XnRqqZwSC7EMzbCwDO3JHJAOm0HxvoHiXVtS0zSdRt5rzTpmilhWeNmcBUJkUKxJQGQLuIHzAjtWg+v6PHraaNJq1iuqSLuSxNygnYYJyI87iMAnp0BrH8NWWoaX4p8TRXWnyi01C/F/b3wkjMbA28EZjK7t4YGNjyu3HftXMatoXiu/wDGUJFndCwt9egvVMBso7NoFC5kOf8ASGm5IbOFODjIwCAd5b+JdCu9TGm2utafPfEMRax3SNKQpIY7Ac8EEHjgg1m3vjjSoPEmm6LYXVnf3d1fNZ3MUN2hksyIZZMugyesRXBx19sVz+meEtTs9E0KP+z447u28T3WoXBDR5WGSW5xJnPJMckYwMnBxjjAo6N4b1+GfwXYXXh3yV8O307XWpm4hKzq0My+ZGAxch2ZWbcFYMRw3JUA7LVfGWm6H4lTTdZuLXT7ZrI3X227uliQESKgT5sDJznOe3StC/8AEWi6U1ouqaxYWRvTi1FzdJH5/T7m4jd95enqPWsu40OW4+JcGrTWcctnHo8tr5r7Th2lU7cHnlQe2O1ec3/hLxs3w+ttCj065V38MRac4smsctOqOpjuZJst5a5Xb5XOWfkcGgD1h/EFhBdX0V7PDZpZPHG809xEqszruA4csp56OFJ7ZHNTLrOmNpceprqNobCXb5d2J18p9zBVw+cHLEAc8kgVwWoeENWvb+9MunrNBPq+k3GHkQh4oRH5pIJ7bTweTjjNdN4/0W48QeEH021tVu2kvbJ3hcrtaNLqJ5M7uCNiscd8Y56UAW5PGHhmG1s7mXxFpKQX5YWkrX0YW4KkBvLO7DYJAOM4Jqe98R6Hp17HZ6hrOn2l1K6xxwT3SI7s33VCk5JOeB3rivGHhnWLjxhfX9sus3WnappcdjLFpBsN6BGk3K4uxjYwl48sjlW3D7pqtrHgbUZ9B8Z21np7zy6hodrY2D3MsRlmaOJwVZs4BDFck4GeRQB39t4g0a8t7ye01ewnhsCwu5IrlGW3KjLByDhcAHOcYxTbHxLoWqW8c+ma1p15DJP9mSS3u0kV5du7ywQSC23nb1xzXGeK/B2o3euXk+jaZBJYx2OnFLUMkaXZtbt5Tb47ZTCjcNnIB4ziPU/DGseIJ9f16LSpNKvXhsn06zuJovNkubV5JFkdo3ZFDbxH94naDnHFAHcX/iPRNLink1PWdPs47eVYZnuLpIxFIyhlRiSMMVIYA8kHNQReIop/FVvpFuiTQ3GnG/ju45Qysu9VAAA5BDZzmuMfQ/FFhpOl3dtZ3S395c3N9qrab9je8gllAKRI9z+62KAEYjJPlpjjNN8K+HfEnhiz0y5OkC6udO8Ny2otluo0Elx5wdIg/QAgfextHt0oA9OopkLO8EbTR+VIygsm7O045Ge+KfQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUVz93420ez1O6sGXVJ7izdY5/sej3dykbFFcKXjiZc7XU4z/EKAOgorm/8AhPNI/wCfPxB/4Tmof/GKP+E80j/nz8Qf+E5qH/xigDpKK5v/AITzSP8Anz8Qf+E5qH/xij/hPNI/58/EH/hOah/8YoA6Sore0t7RXW0gigWSRpXESBQzscsxx1JJyT3NYH/CeaR/z5+IP/Cc1D/4xR/wnmkf8+fiD/wnNQ/+MUAdJRXN/wDCeaR/z5+IP/Cc1D/4xR/wnmkf8+fiD/wnNQ/+MUAdJRXN/wDCeaR/z5+IP/Cc1D/4xR/wnmkf8+fiD/wnNQ/+MUAb89rb3RiNzBFMYZBLEZEDeW4BAYZ6Hk8j1ontLe5eB7m3ima3k82FpEDGJ9pXcuehwzDI7EjvWB/wnmkf8+fiD/wnNQ/+MUf8J5pH/Pn4g/8ACc1D/wCMUAdJRXN/8J5pH/Pn4g/8JzUP/jFH/CeaR/z5+IP/AAnNQ/8AjFAHSUVzf/CeaR/z5+IP/Cc1D/4xR/wnmkf8+fiD/wAJzUP/AIxQB0lFc3/wnmkf8+fiD/wnNQ/+MUf8J5pH/Pn4g/8ACc1D/wCMUAdJRXN/8J5pH/Pn4g/8JzUP/jFH/CeaR/z5+IP/AAnNQ/8AjFAHSUVzf/CeaR/z5+IP/Cc1D/4xR/wnmkf8+fiD/wAJzUP/AIxQB0lFc3/wnmkf8+fiD/wnNQ/+MUf8J5pH/Pn4g/8ACc1D/wCMUAdJRXN/8J5pH/Pn4g/8JzUP/jFH/CeaR/z5+IP/AAnNQ/8AjFAHSUVzf/CeaR/z5+IP/Cc1D/4xR/wnmkf8+fiD/wAJzUP/AIxQB0lFc3/wnmkf8+fiD/wnNQ/+MUf8J5pH/Pn4g/8ACc1D/wCMUAdJRXN/8J5pH/Pn4g/8JzUP/jFH/CeaR/z5+IP/AAnNQ/8AjFAHSUVzf/CeaR/z5+IP/Cc1D/4xR/wnmkf8+fiD/wAJzUP/AIxQB0lFc3/wnmkf8+fiD/wnNQ/+MUf8J5pH/Pn4g/8ACc1D/wCMUAdJRXLXPxF0GztZbq8i1yC3hQySyy+Hr9UjUDJZiYcAADJJqX/hPNI/58/EH/hOah/8YoA6Siub/wCE80j/AJ8/EH/hOah/8Yo/4TzSP+fPxB/4Tmof/GKAOkorm/8AhPNI/wCfPxB/4Tmof/GKP+E80j/nz8Qf+E5qH/xigDpKK5v/AITzSP8Anz8Qf+E5qH/xij/hPNI/58/EH/hOah/8YoA6Siub/wCE80j/AJ8/EH/hOah/8Yo/4TzSP+fPxB/4Tmof/GKAOkorm/8AhPNI/wCfPxB/4Tmof/GKP+E80j/nz8Qf+E5qH/xigDpKK5v/AITzSP8Anz8Qf+E5qH/xij/hPNI/58/EH/hOah/8YoA6Siub/wCE80j/AJ8/EH/hOah/8Yo/4TzSP+fPxB/4Tmof/GKAOkorm/8AhPNI/wCfPxB/4Tmof/GKP+E80j/nz8Qf+E5qH/xigDpKK5v/AITzSP8Anz8Qf+E5qH/xij/hPNI/58/EH/hOah/8YoA6Siub/wCE80j/AJ8/EH/hOah/8Yo/4TzSP+fPxB/4Tmof/GKAOkorm/8AhPNI/wCfPxB/4Tmof/GKP+E80j/nz8Qf+E5qH/xigDpKK5v/AITzSP8Anz8Qf+E5qH/xij/hPNI/58/EH/hOah/8YoA6Siub/wCE80j/AJ8/EH/hOah/8Yo/4TzSP+fPxB/4Tmof/GKAOkorm/8AhPNI/wCfPxB/4Tmof/GKP+E80j/nz8Qf+E5qH/xigDpKK5v/AITzSP8Anz8Qf+E5qH/xij/hPNI/58/EH/hOah/8YoA6Siub/wCE80j/AJ8/EH/hOah/8Yo/4TzSP+fPxB/4Tmof/GKAOkorm/8AhPNI/wCfPxB/4Tmof/GKP+E80j/nz8Qf+E5qH/xigDpKK5v/AITzSP8Anz8Qf+E5qH/xij/hPNI/58/EH/hOah/8YoA6SisjRvE+m69dXNrYfbEuLVI5JorywntXVXLhGAlRSQTG4yM/dNa9ABRRRQAUUUUAFFFFABRRRQAVzfhf/kYvGf8A2Go//TfZ10lc34X/AORi8Z/9hqP/ANN9nQBdu9d+x+LtO0Wa3Aj1C2nliufM/wCWkRTMe3HdXLA5/gPFc5YfEyPUvCeoavbaW32i11FLCCzafBuDK0YgcMFOFdJkfocAnrjNaXj7w5qPiLQoR4fuLe11ezn820nuNwRCyNE+duT/AKuR8DuQPqMwfD6e28caVe2M8CaFaQQedatne81vHLHCQMYxtlBPOcxJQBuHxvoA1oaX9sk883P2Tzfssv2fz8Z8rz9vlb+23dnd8uM8VZi8UaPNaWt1Fd7oby8exgbynG+dHdGTGMjDRuMnjjryK5ZfBuuG1Hh6RtP/ALCTWP7SS9WV/tRX7T9q8oxbNoPmfLvD/d525OKZb+DvEMFxp9gDpY0jTtdm1WOfzpDPKkkksnllNm1SpmIzuOdo4XNAGjpXj+0/4R2zvdfYx3V5cXcUUFjaTTsyQTuhbYgdgAoXcx4BYdMgU7TvGzSfCtvF97As5S2ln8qzR2WTazBcbQxwcDLcgDJPArN0zwf4i8PTade6WdLurqCO+t54bmeSNPLnuvPR1cRsdy4AKkAHP3hjJ19H8K3dp8MW8M39zC1zJaz27zwg7MyF/mAPP8XT9T1oAzv+FlQf2xoQe2uYrHVNPuLhozp1y1z5sbQgKkYTey4kckhDkLkEAGtg+N9I8yG4F9af2XLpUmqC7Mjg+UrIC23Zt24fnLBs4G08kUtG8O60mueH9S1ZLCBtM0q4sJo7a4eUMztAUZS0a8YhbIPQkDnrWZpvgPUrGG1F5DpmppDo11p8tpPM6xztLcJIAT5bYTapBO0nOOD1oA7Ky1y0v9Lm1CCK/SGHduWfTp4ZTtGTtidA7e2FOTwMmuT8LfEWPUPDsesa9KyC+uGjsrK20e6E2BltoX5mnwoyXRQowa2/BmjaroumXMGrz7hJcF7a2F7LefZYtqjy/PlAeT5gzfMON20cAVzEvw61NPD/AIYSOWKa+0SOeKSGLU7ixSZZcEkTwjepBVTjaQeQR0IAOou/Hfh+z0m31KS7mltriFp1NtZTzusa/eZ0RC0YU8HcBg5BweKrHx9p48aTaAYLpo47CO8F9FazSRMH3H7yxlNu1Qd+7aSSvUEVzmoeAdck0a1sNJSGztGt7lZ7JfEN6qxXEshbzzMqCS5zuYlJNoznnnI1tN8I6rp2p6e/+hTWzaBDpF8TO6vGY9x3xjYQ4JcjBKYxn2oA6AeKdGMFhMLz93qNm99anyn/AHkKKrM/TjAdTg4PPTrVNPH3h6XTYb+G5upYLiTy7bytPuHa6O0vmFAm6UBQSWQEAA5PBrm7DwX4mMej2+pNpMcGj6NcaXE1vPK7Tl440WRgUAT/AFYyo3Yz1NWtW8C6hc6L4VFvIkt5oVt9nlhTUbixWcNEqNtnhG9cMikfKQRkEDIIAN/U/E0I8Aaj4j0OSO5WCwnuYDIjAF40Y7XU4YEMuGU4IIIOCKr6R490HUrR3e+EElvZC9naeCSCMw45ljaRQJI8/wAaFl5HPIzDH4UlT4ZanoFtawafd39tdoU+3zXaCWbf87TSKJGyW3Elc5J698TUPAWu+JrV4PEE+n2RttGk0y0lsZJJPOeRo2aZwyqYx+4TCKzH5m+fgEgHY6L4m0vxA80enSTiWBVeSG6tJbaQK2drbJVVip2thgMHB54NEnijR4rWa5kvMRQXy6fI3lP8twzqgTGP7zqM9OeuKx/B/hq60rUbm+1TTore7kgSEXC+ILzUmdQSSv8ApCDYMnIwT1NZepeDfEU8t7YWR0v+zLnXrfV/tEs0gmCpLDI8XlhCucxsQ+7ngbRncADqIfF+iz3N/ElzME04Sm6untZUtovLOJB55UREqcggMSMN6HGFr3xM0yy8IarqekLdTXlnbrJHb3Om3MTfvMiORkZFcxkqfnHy/KRkGqGpeANU1m61yEG20LTtUtrmOWOzv5rlLmaQrsnaFkRIWG0s3lnLlzk5+ao28AaneaFq8NzY2trqV5ZrbR3UniK91EEbwxUidP3a5GflzQB1GmeKrMaPdy6rfq9xptoLy/ddOntPLibeyt5Mm5x8sbfLknjoMgVJouvy6r4k1myxEbWyW2e3dVIZxLGXO7J/LgVh+KfCuv3t94gOgnTWg8QaUljM95NIjW7KJVDKqowcES4wSuCM89K2PDnh+70fWdUu7mSFo7yG0SMRsSQYotjZyB36f0oApaV8R9Jv7XWbm9iu9Og0m5eF5bi0nRXCkKuC0Yy7FgBEMvkgAHIrc0XxFpuv/aBpss3m2rhJ4Lm2kt5YiRuXdHKqsAQcg4wecdDXK3Pg/XGh1iC2OngNrCazp00kznfIro5ilTZ8q5QjerMeQdvGDteH9H1KLxBqmva4trBd38MFstrZzNNHFHD5hBMjIhZiZW/hGAAOeTQBcj8VaLLZ2V0l8piv7l7W3JjYF5U371IxldvlvnOANpzVO08feHL53EF9IAIJLmOSW0mjS4ijxveF2QLMoBBzGW4IPQiuV0/wz/afxL8V2j3H/ErtY3MEaDmG5vYU84/UKm4f9fDetaEHg/XdTj0u08RNptvbaRZzW0UtjLJI100kPkh2RkURAKWO0M+SRyNvIB1kOvabcXljaQ3O6fULVry2Ty2HmQrsy2cYH+sTg4PPTg1W1Lxdoukaillf3MscrPHGzrayvFE0jBUWSVVKRliRgOwzkeorA8O+GvEkHiLQ77XBpUcGkaRLpu2znkkaZmMBEnzIoUHyj8vO3j5mzxT8ZeCfEfiPWrloLuJ7GV7ZoDLqlzAtqsbBnQ20a+XMWZSd7nI3DjCDIB0jeO/Dq6wdMN9J9pW6Fm5FrMYo5zjbG0u3YrHIwCwzkYzms7X/AIh2NhqNrp2lyeddvq9tp0xktZvJy8ih0WbAjaRVYnaGJGDkfKcR3ngzUZ9E1mzjntllvtfg1OJi7ALFHNBIQfl4bELYAyMkc+lE+DfEieTpUL6V/ZFv4gGrpctLJ9okQ3XntEYwm1SCz4fc2QqjaucqAeiUUUUAFFFFABRRRQBzfxH/AOSWeK/+wLef+iHro2YIpZiFUDJJPAFc58R/+SWeK/8AsC3n/oh66KRFljaNxlWBUj1BoAytO1e91JIbqHTVFhM3ySG4/ebOzlNuMf8AAs47dqr6V4mS40+CfUmt4N1iLuVgWG0biOhBGOP72c9qm0q01fTra2sH+xyW1uBGLje3mNGBhRs24BxgZ3H1x2rJTwje/wBmpbtPbq6aclsGGWHmJLvHYfL0Hr7UAadz4jiF1ZJakBJLkxXH2iJ4mjHls+cNgjoOSMda049RtZdNF+JdtqUL+bIpQbfX5sce/cc1i6xoV94ijt49TFtBFHOWKQSsxC+WVzuKjJ3HOMAYHerlxp19qXhmWw1KWEXbptM0QJViDkMQQMZwMj8qAHr4k0swTStcPGsMYlfzYJIzsJwGAZQSM9xmnz6zBHodxqcKTSxQxlwphdS+BxgFc4P97GMc9KydR0LVNYjuZbv7JBO9l9ljSKRnUkuGLElQR90ADB781v6hbG80y6tVYKZ4XjBPbII/rQBRj8SWJ0+G6n8+LzY/M8v7NKzKAAScBc7RkfNjHvT7jxFpdswElwzFoBcgRQvJ+6OcP8oPy8de3GeorMuNH1m4sbWBnhVYrYwNDHeyxruwAJNyqC3APyHjnrVSCy1K01ZLC0W1lmj0OCCQyyMqghnXcCFORkdCBn1FAG9req/2doTahbNE6hosOxyhVnVScg+jZzThr+nfZpp2nZFgdY5EkhdJAzY2jYQGJORjjntUF3osj+FrfSbaVS0At1DycBhG6EnjPULVPVPDdzfXt5cRyxr5k1vNCvmOmTGCCCy8rnPBGTQBot4h0xbZZ2ndVaf7OFMEgfzcZ2bNu7OOgxzx6inSa/p0U4ikmdWwhbMD4j3/AHQ5xhCeOGweRWbH4fm821mEEVvLHfJcTE3stwZFWNkHzOoOfmHHTA60y68NSPqF43kpd2l5KJWSS/mg2tgAgogKuPlBBOD27CgDT1fW49Ilskkgml+1TeVmON22jaTn5VOTx93qeT2NLJ4h0yK4MMlwwZXWN28l9iMeis+NqnkcEg0mtWNzeLZSWQiaW0uln2TOUVgFZSMgHH3vSs2fQdRlt77T1a1Fne3XntMXbzIwSGZQu3B5GAcj6UAbl7qNtp4j+0uwaVtsaRxtI7nGThVBJwBnpVZvEOmrHbOJ3f7WGMCxwu7PtwGG0AnIzyMZHPoag13SJtRubG5tiC9qz5jNw8G8MMffTkEEDtzzUdloT22oafcpFFAsC3BmjFw8xLyFTkOwBbO0k5x170AP/wCEotH1SytbdJZ4ruEypPHE7AcgAYC+/Jz8uOcVZi17Tp7kQRTsWO8K3lOEcp94K5G1iMHoT0PpWZp+g32nzaVKpt5WtlminBkYfLJIGBX5TkgDocfWotP8Ly2ghgniSeO3Z2inN/N8pO7afJxsBw2Dg+p9qANyx1ez1K1a5snklhVdwfyHAYf7OR83ToM4PHWqWn+KLO80kXs6TWw8zywhhkJZtxUBPl+cnGcKDjv0q5ollJpuhWVlOytJBCsbFCSCQO2axD4avjplvalod1jdvPAyXMkfnKzPkMVUGM4fqC3IoA2I9e02RolFztMvmBRIjJgpy4bIG0gc4ODjmq9t4ltrrWksYYbhkkt0mSbyJADuJxwV4GOdxOO3UVnXPhWXUNPFhLHDZ27zNcTMty9y7SbcKcyKOO5+mO5q9HY6smrxag62bSvZC3nHmsArhi25fl5BJ6HFAG5RUNn9q+xxf2h5P2nb+88jOzPtnnFTUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAc3Y/8AJU9d/wCwLpv/AKPvq6Subsf+Sp67/wBgXTf/AEffV0lABRRRQAUUUUAFFFFABRRRQAVzfhf/AJGLxn/2Go//AE32ddJXN+F/+Ri8Z/8AYaj/APTfZ0AdJWfr+tW/h3w/e6vepLJb2cRlkWEAuQPQEgZ/GuU+IVjqS3+n3+iWtxNcXkM+izvboWMCXABSZgBwqPGMk9A57Zrk9S8N6pdeGfENidLuymhaRNpGlIsTkzpJMWBj7tiGK2XcM87h2NAHs9RXd1DZWc11cuI4YI2kkc9FVRkn8hXmus+DPs+reILXw1pwsIW0m1vrWSKIrE2oQzyujE9C52x7jncQRmqdrLJ4q8OQztE8cvj3UlZ425aHTYlyVPYBooyP964oA9M0LUJ9W8P2Oo3dmbGW7gSZrZn3mLcMhScDkA88daTVdat9In02K5SVm1G8FnF5YBCuUd8tkjjCHpnnHFcF4v8ADmo6j4rv9HsreddP8RRRXU15Erbbee3RwCzdASy2mAeuxuuKo/2JeeKotL1nW9FukbVvEEMt1YzQOpgtorSSLZIvXyy+8kNwwlwcg4IB63RXj+oW8/gfTb3X9P0qSG38P69MtpZRxbEeyuY4ldY14GzznD/LxlCK6DXPDl5pnwG1XRreOW81R9LmMvkIWe4upAXkZQOSWkZiAPWgD0CqmqanZ6Npk+oalN5NrAu6STaW2jOOgBJ615v4i8LT6Vea9a+EdIuLezutJtnnSwBjN0yXLeaofIBmaEsM53HIyehrM1zwvY6rpHig+FvC0lvox0yMrZPpT2onvEdmLxW7orbxHhdwX5shQSQcAHo/iLxYnhvzZbnR9UurK2g+0Xd7bRxmK2jycs251ZsBWYhAxAwSORndR1kjV0O5WAII7iuM1DR9H1e38N6ZbaZfwaFLJKWsLezltbfaI2YLcR5Qohb+FlIYkAjnNdqAFUBRgDgAdqACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAOb+I//JLPFf8A2Bbz/wBEPXSVzfxH/wCSWeK/+wLef+iHrpKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAObsf+Sp67/2BdN/9H31dJXN2P/JU9d/7Aum/+j76ukoAKKKKACiiigAooooAKKKKACuE0zRr7UfFvjCWz8S6ppSLq0SmGzjtWRj9gtDuPmwu2eccHHA4657uub8L/wDIxeM/+w1H/wCm+zoAP+EX1f8A6HvxB/340/8A+RaP+EX1f/oe/EH/AH40/wD+RazPGEmpRfEDwo2jWlrd3PlX2I7u6aBMbI8nesbnPtt/GuasNW1q313WLOWS30a71fxXFaXNzbSC4W2X+z43HltJGoLOY1QFkwC/Q8UAdnc+DtSvLSa2n8deITFMjRuFisFJUjBwRbAjg9RzUFr4Bnso7NLXxfrSfYYPs1q32bTy0MWFBRWNrkA7EyM87RnpWEfFuq6BeXDarq7X2k6Prf2C7vZII1aaKW2V03lFC70mdE+UKCGGRkGrHhXxH4h1LV9K0TVLrGo2jz3GrlYUAeMxRvFGOOBm5QbhgnyW96AOh/4RfV/+h78Qf9+NP/8AkWj/AIRfV/8Aoe/EH/fjT/8A5FrA8WeIfENhr2o6FpF2Fv8AUIrebRS8KsqYEhnjxj5vlhzzkjzRjoKqf8Jnqmuz20+lan9h0jWtUt7C0uxFGzQJ9lM7uhZSpd5MRDeGAI4HPIBvan4CutYtUt9S8a+IJoY54rgJ5dioLxuHQnFsMgMqnB4OOQaml0K+t54IZ/iHrcUtyxSCN49ODSsFLEKDa8kKpOB2BPasC18Sa5aeJbXSJ9Va+tbfxJ/Z0l9JDErXETWDTiN9qhQ6yELlAucKDznNX+3LnVfFWiTyTreiz8Uajb2/lhfuJYz4QFRzg5GeTQB1Mmg38NxDBN8QtbjmuCRDG0enBpCBk7R9lycDk47VN/wi+r/9D34g/wC/Gn//ACLXE6JfX2qeIvh7q+o+IRqMmrwXF79jMUSrbFrYkrFsUNsXdsO8ucgcg5B3PGPinVvD2uXWm286tNrNnGmhho1PlXfmiJwePmA86KTB7LJ2HABtf8Ivq/8A0PfiD/vxp/8A8i0f8Ivq/wD0PfiD/vxp/wD8i1yup6/r0Gm6/rUPiB0k0K/Szj0sW8JjuQDGMS5TzN8u/wCXYyAbkwDzmzqHi7U7XRtRf+0I0uovFlvpkQKx5ELzw5jxjkmJ2OfvYOc8ZoA6H/hF9X/6HvxB/wB+NP8A/kWj/hF9X/6HvxB/340//wCRah8WXWqf8JD4d0rStUk0yPUZp1uJooY5H2pEXG3zFYA5HUgj2rm9Q8V6tD4xsUsb/U5tPk1pdJlaS3tEtGbYwZVyftBlVhncBsJU8YoA6r/hF9X/AOh78Qf9+NP/APkWj/hF9X/6HvxB/wB+NP8A/kWvPdJvNa8NeB/9A1LU72bUPFF1p7AR2nmW/wDpdxuePeqJ5jlQP3hKhnG1ein0Dwk3iK50a/t/ESX1pKs7pZ3V0bU3LwlQQ7iHdEGViyjAwQqkjk5AI59Cv7VoVufiFrcLTyeVEJI9OUyPgnaubXk4BOB2Bqb/AIRfV/8Aoe/EH/fjT/8A5FrzrStNvl8B+CY49cuzLP4gKpJLFCxtcJdBtgCAbup+feA3YgbTp3XirxJBLDoEN3qF7ONbubBr+0itFu5Y0gWdFAl2wBsPgnbysZwuTkAHZf8ACL6v/wBD34g/78af/wDItH/CL6v/AND34g/78af/APItVLa51w/DHU5PEtq0V/FbXYAulhdpYwH8tpEjLR7im3coyuc8AHA5K513xCmj6zPputHT4NB8LWepw20FnBsllMU7FWyhxGfJA2rtI4wVxggHcf8ACL6v/wBD34g/78af/wDItH/CL6v/AND34g/78af/APItchrviTxH4bsdY8zXftU39hxanFNNaxKlrL5u1woAGY8MMK5ZhjlznNSaz4l13w3dalYp4gXU0e2sZVv7m3iH9n/aLnyWciNVUoFJdQ2T8pyWFAHV/wDCL6v/AND34g/78af/APItH/CL6v8A9D34g/78af8A/Itcjr2veJNAvtT0az8QS3zxy6S8V/dWsJktzc3ZhkicRoiMCq7hwGG48/dIuw6Zd6f8W5JrrxNqc6W+hJLIZobbEqrM+VYJCDj+L5cHJ644oA6H/hF9X/6HvxB/340//wCRaP8AhF9X/wCh78Qf9+NP/wDkWvPz468Qw2+ryRXuovHN4Su9asp7+3s0CyRhPLkhSIsyxnzM7Z8sNoBJO6tTV/EviDwsl8txrf29p9GjvUmu7aNI7KQzrG7KECkxgShtrliNnLnJNAHWf8Ivq/8A0PfiD/vxp/8A8i0f8Ivq/wD0PfiD/vxp/wD8i1z3iTUtd0CbTdGsdc1HV5tQvzG88MViL2BRCZBGu8JBliuQWXO3dgE4I2dP1XxFp/w71LUddsZTqdhFcyQRXHleZcIgZoi4hJQOQACEOM5wBnAALH/CL6v/AND34g/78af/APItUtM0+TW7VrnRviZquoQK5jaW0/s2VQwwSpK2xGeRx71z97fa0lnZ2x8VzanHrmh3N28kcFuv2cpGjCSHbH/q237cPvPK4bOSb8OnXCfs9tbDU7x5G0DekxSHei+QD5YAjC7cfLyC2D1zzQBsNoV8l5HaP8Q9bW5lRpI4THpwd1UgMwX7LkgFlye2R61N/wAIvq//AEPfiD/vxp//AMi1x1ppV/L4o8F2sHiK+jkfw/dyG9ENu0wQtaEIv7vywOgyUY4z3O4Gl614g1ybTpbB7Ftdn8L3nl3M1sihrhLiJAxYAsqk/MUB25xxwKAOx/4RfV/+h78Qf9+NP/8AkWj/AIRfV/8Aoe/EH/fjT/8A5FpPBOpyX+nXkF5c6pLf2V0YbqPVUtxNA5RHCZt1EbLtZWBGT83J7DpaAOb/AOEX1f8A6HvxB/340/8A+RaP+EX1f/oe/EH/AH40/wD+Ra6SigDzvx94c1SD4beJZZfGmuXKR6TdM0MsNiEkAhYlW22wbB6HBB9CK6D/AIRfV/8Aoe/EH/fjT/8A5Fo+I/8AySzxX/2Bbz/0Q9dJQBzf/CL6v/0PfiD/AL8af/8AItH/AAi+r/8AQ9+IP+/Gn/8AyLXl2neJNc0jwALXVNWvZ21cQ3umX0lwxlBFxGs9uX68D5l55V2HRa7fUfGGvw22q65arpo0fStQNnJZyRO1xOqSKkjiUOFQ5JKpsbO0cjdwAbX/AAi+r/8AQ9+IP+/Gn/8AyLR/wi+r/wDQ9+IP+/Gn/wDyLWDJ4y8QxXdzfSDSxpFrr8ekPAIZDPIrypEJRJv2qQZFO3Y2Qp5GcCLR/iDrGreIIPIsZJdOuNSlsvIj0a7DQRIzoJ2uz+5b5kBKADAbG4leQDT1a1GgQxy678UdS0yOVtsb3jaZCHPXALWwyazI9b0GWRY4vjUzu5Cqq3mkksT0AH2euxvP+Rr0v/r3uf5xVH4y/wCRJ1j/AK85P/QTQBV/4RfV/wDoe/EH/fjT/wD5Fo/4RfV/+h78Qf8AfjT/AP5FrpKKAOb/AOEX1f8A6HvxB/340/8A+RaP+EX1f/oe/EH/AH40/wD+RaT4h3VxZeAtRuLKeW3mTytssTlGXMqA4I56HFO8Q6xqkXiDSdC0JrOC61CK4uGuryJpkijh8sECNXQsxaVP4gAAx56UAJ/wi+r/APQ9+IP+/Gn/APyLR/wi+r/9D34g/wC/Gn//ACLXOJ8RNUtIC2qWtmWji1G3byAwE17auNqpluFkQOQvJBXGTjNa/hrxXqOuatZ2M0Vqr2+nyPqxiV/kuVnMKqmTwhaG4PzZOFX3NAFPVJrLQ7wWutfFy7065KhxDdzaXE5U9Dta3BxwefamadeabrF8llpPxguL67kyUgtrjSpJGwMnCrbknABNdVY/8jLq3+5B/Jqi13/kM+G/+wk//pJcUAVf+EX1f/oe/EH/AH40/wD+RaP+EX1f/oe/EH/fjT//AJFrpKKAOb/4RfV/+h78Qf8AfjT/AP5Fo/4RfV/+h78Qf9+NP/8AkWsT4nNrT3nhy38OXtxbXj3U8qRxTMi3DRW8kqxuB95GZACDkc1i+IfF1x4m1HQL7w3qNzbaXa3elyXPkSlPPkurmICGTHULEWLIeMyp3FAHa/8ACL6v/wBD34g/78af/wDItH/CL6v/AND34g/78af/APItc1pfxE1fUtbieKwkm0yXUZrQ28WjXYaCJGdPPa7P7hvmQEoAMBsbiV5rWeqa34g8Q+ANa1NtPFhqklxdW0FtG6S2yPaSsiO5dhIdjDLAJgrwDn5QDrv+EX1f/oe/EH/fjT//AJFo/wCEX1f/AKHvxB/340//AORawfA/i2/1DStLimhiEcnhqHUtxeWRvNZmBXfI7My4A6kt6mqcfjnxVqWmW1xpq6Pbt/wittrs7XFvLIGlcOTEqiRdqnbwxJK46Nn5QDqv+EX1f/oe/EH/AH40/wD+RayNVks9Bultdc+LV5ptw6CRYrybS4XZSSAwDWwOMgjPsateHPE2s3viKzs9ZSwEOq6UdTtUtEcNbBXjVo3djiTiZPmCp0Py1uW//I46j/14Wv8A6MuKAOUsL7TNVvo7LS/jDcXt3LkRwW1xpUkj4GThVtyTwCfwrc/4RfV/+h78Qf8AfjT/AP5Fq14g/wCQhoH/AGEv/aE1bVAHN/8ACL6v/wBD34g/78af/wDItH/CL6v/AND34g/78af/APItdJXH+NtVvtL8QeETp8F7eCbUZklsrOVEa4X7JOQDvdEIBAbDN/DxzigC5/wi+r/9D34g/wC/Gn//ACLR/wAIvq//AEPfiD/vxp//AMi1x934m1Q6hr81zaX9j5eqaPBHZXl1gxLLKiMQbeUgZ3Zxuwf4gRkGfRPiDq+v+NrbTbG90VoGv72C806O3eS7sobdmQSSOJQAHKrglAB5ij5qAOp/4RfV/wDoe/EH/fjT/wD5FrN1eKLw/wCT/b3xU1DTPP3eV9tfTIfM24zt3WwzjIzj1FYfw21fWtO0HwXZXzae+matayQwRQxOJoHjjMis0hba4ZUfICLtJAy2Mnvbj/kcdO/68Lr/ANGW9AHH2+r6Ld3MVva/GeSaeZwkcUd3pLM7E4CgC3ySTxiuh/4RfV/+h78Qf9+NP/8AkWrXi3/kX/8At8tP/SiOtqgDm/8AhF9X/wCh78Qf9+NP/wDkWj/hF9X/AOh78Qf9+NP/APkWukooA43w5YXOnfEnX4rzVrzVXbSdOYTXiQq6jzr0bR5UaLjjPIzyeemOyrm7H/kqeu/9gXTf/R99XSUAFFFFABRRRQAUUUUAFFFFABXN+F/+Ri8Z/wDYaj/9N9nXSVzfhf8A5GLxn/2Go/8A032dAG/Ja28t1DcywRPPAGEUrIC0YbG7aeozgZx1xVa50PSb22u7e80yzuIL5w91FLboy3DAKAzgjDEBVGTn7o9BXJ+N5NYufGXhfSbJR9guZZpZ/L1WaykkKJ0LRIWKgNu27sMcAgYzVbRPi3Yazr9lZRLpzQ6hPLBapBqiS3isgdgZrcKPLVhG2DvOMoGAJOADsx4f0ZdEGjLpNiNLHAsRbJ5A+bd/q8bfvc9OvNWI7Cziv5r6K0gS7nRUluFjAkkVc7QzdSBk4B6Zrzi++KN5d6X4jtdIj0j+1LHR5tQt3s9XW6EIQ7WEwWMhJVyCE+dWII3Ac102h+JtRn1TSdI1mwt4ru90uW/eW3ujKo8t4UA5jTlvOyeBjGOetAHQyWFnNfQXs1pBJd26ssM7RgyRBsbgrdQDgZx1xVc+H9GbRW0dtJsTpjElrE2yeSctvP7vG373zdOvPWuY0rx7f65daRb6ZoURfULJr6Rp77YkEay+WwyIyWbkEDAB6EjrVPRPizp+ueILKwiOmrBqU8tvaiDVFlvEZA5DTWwT92rCNiDubGUDAEnAB2DeG9DfQ10V9F09tKX7tgbVDAPm3f6vG3rz0681LbaHpNmsAtNLs4BbOZIBFbovlMU2FlwPlOw7cjtx0rkvClrex+N73+zptXbRbOB7S7k1XUDc/a7sOhDxKXYxgL5m7ARTvXCnGR3dAGZZ+GtC0+9kvNP0XTrW6kkMrzwWqI7uQQWLAZJIZuevzH1qHVfDyar4k0TVJplCaQ80qQmPJeR02Bt2eAql+MHJIPG3nZooAzpvD2i3GsxavcaRYS6nCAI717ZGmQDPAcjcOp796bP4a0K51RtSudF06a/bZuupLRGlOwhly5GeCqkc8FR6Vp0UARSWtvNcQzzQRSTW5JhkZAWjJGDtPUZHBx2qifDOgtrDau2iacdSYgtem0j84kYwS+N3G0Y57D0rTooAzG8NaE4vw+i6cw1Ig32bRD9rxnHmcfPjJ+9nrU2laNpehWhtdE020063Zy5htIFiQsQAW2qAM4A59qu0UAZ1v4d0W0meW10ewhke4+1M8dqilpsEeaSBy+GYbuvJ9aW70DRr+0uLW/0mxube6l86eGa2R0lkwBvZSMM2FHJ54HpWhRQBTs9H0zT9L/syw060tbDDL9kggVIsNncNgGOcnPHOaQ6NphiniOm2hjubdbadPIXEsKghY2GOUAZgFPA3H1q7RQBh+JfC9r4h0O8sUENpPc24txdiAMyIGDbex25HTOKtWfhzRNPsrqz0/R9PtbW83faYILVESfIwd6gYbI4Oa0qKAMy08N6Fp+n/AGCw0XT7Wz85Z/s8NqiR+apBV9oGNwKqQeoKj0qe50jTbzULa+vNPtbi8s8/ZriWBWkgz12MRlc+1XKKAMe28IeGrJbgWfh7SrcXMbxTiKyjXzUfG9WwvzBtq5B4OBnpV+TTbGWQvLZ27uYTblmiUkxHrHnH3Tjp0qzRQBkr4T8Opoz6QmgaWumSP5j2Qs4xCzcfMUxtJ4HOOwq5pul2Gj2KWWkWNtYWqElYLWFYkUk5OFUADJ5q1RQBmWHhrQtKN0dL0XTrI3gxc/Z7RI/P6/f2gbup6+pq/HbwQ2qW0MMccCII1iVQFVQMBQOgGOMVJRQBn6f4f0bSRCNK0ixshArpF9mtkj8tXILhdoGAxVScdSBnpSSeHdEltzby6PYPCYWgMbWqFfLZgzJjGNpYAkdCRmtGigCppulafo1ktno9hbWFqpJWC1hWJATySFUAc1boooAKKKKAOb+I/wDySzxX/wBgW8/9EPXSVzfxH/5JZ4r/AOwLef8Aoh66SgDBufBPh680Gy0W601JdPsJkuLWFpHPlSISVYNndnk9+QSDwcUT+CtBudYfU5rNzPJMs8kYuZRBLKuNsjwBvLdxtXDMpOVU5yBjeooAyZPC+jy2s1tJZ5invl1CRfNf5rhXVw+c/wB5FOOnHTFR2/hLSbTWH1O0W8t5pJmneKHULhLdpG+8xgD+USTkn5eSSTzzW1RQBm6xoFjrnkm+N2jQEmOS0vprVxnGRuidSQcDgnHFZb+ANEkUpNPrc0Z+9HL4gvnRh6FWmII9iMV01FABRRRQBT1fSbLXdJn03VImltbgASIsjRk4IIwykEcgcgisl/AuiS28UU39pStDKZoZ5NXu2nhYrtOyYy+YgIOCqsAe4roqKAMSTwboEulabp0mnKbXS7lLu1TzHBSZST5hbOXYlmLFidxZi2cmrenaFpuk31/eafbCG41GUS3T72bzGHsSQByTgYGST1JrQooAxdS8J6ZquoNe3MmpRTsioxs9WurVWAzjKxSKpPJ5xmo7LwbpNhqNvfRSapNPbMWi+16xd3KIxUoTsklZc7WYZx3reooAKKKKAKl1pdne39leXMO+4sHaS2fcR5bMhRjgHB+ViOc9azrfwX4ftLF7O101Ibd9RGqNGjsAbkSCQSdezKp2/dwAMY4rcooAxbfwlpNprD6naLeW80kzTvFDqFwlu0jfeYwB/KJJyT8vJJJ55qtp3gHw3pWp2+oWNg6XFo7va77qZ0tt4YOsSM5WNSHOVUBfu8fKuOjooA5uT4f+G5LLT7Q2EiQafbGzgSK7mjzAcZicq4MqHaMq+4H05NW7bwjolnbiC3stkY01NKC+a5/0VAQsfJ7bj833uetbNFAGfb6DptrfWd3BbbZ7Kzaxt38xjshJQlcE4PMacnJ468mq2qeFNN1jUPt11JqUVx5SwlrPVbm1DKpYgFYpFBwXbkjPNbNFAGBaeC9IstQt71JNWmmtnLxC71m8uEVipXOySVlJwxHI71v0UUAFVLvS7O+vrG7uod8+nytNbPuI8t2jaMnAOD8rsOc9fWrdFAGTd+F9Hvp7ma6s98l1NbzzHzXG54GDRHg8bSoOBwe+a5LQvBfiHTNdtZWuUgt4L2aea4g1e5dbqNzIfL+wlRBFkuDlScFeMk5r0OigDJtPDGj2MOkxWtpsTR932Eea58nKFD1PzfKxHzZ60useHLDXZrea+a+jlt1dY3s9QntWAfaWBMTruHyL1z0rVooA5tfAejCWJ3m1qbypElVJ9evpULKwZco0xVsEA4II4rpKKKACiiigDm7H/kqeu/8AYF03/wBH31dJXN2P/JU9d/7Aum/+j76ukoAKKKKACiiigAooooAKKKKACuE0zxZ4c0Hxb4wtdc1/S9NuH1aKRYry9jhdlNhaAMAxBxkEZ9jXd1zfhf8A5GLxn/2Go/8A032dAGfeeLvh/e61p2py+NdEE2neb5SrqtvtbzF2ndznoOMEVl6fqngTTd1tbfEux/sg+aP7IbVLIwBZN2VDbfNCgsSB5nHAHAxXcXes29nrmnaVKkpn1BJXiZQNqiMKW3HOf4hjANGl69o+ued/Yuq2Oo/Z2CzfZLlJfLJ6BtpODwevpQB51YD4cWalbr4jWWox/wBlPo6RXWrWYWO1bb8gEaryNgG45PPJPGLD3/gZodMK/FO3jvdNhkt479NVsRNJDIV3RuNmwj92mCFDDaDnOSdYfFXw/eaa13o11bX3larDp00a3ceUWS4EPn/KW+TkspONwHaukh8S6FcaNJq9vrWnS6ZESJL1LpGhTHXLg7R1HfvQBxuhan8NvD09lLY+N9Jc2Vi1hEJtYt2zGZA+Sc5LZHXPT86XR9c8EaFdJ/Z3xNsU02N3ZNKbU7FoE3knaGK+btDNkDzOMAfdGK68+KPD40qHUzrmmjT593lXf2uPypNud2184ONrZweNp9KcfEuhLqVvpza1pwvrpBJb2puk82ZSCQypnLAgHkelAGFp/jbwRp5uz/wnulXX2m4af/SdZgfytwHyJ83yoMcDtk1c/wCFj+CP+hy8P/8Ag0g/+KrY1TWNM0Oz+161qNpp1tuCeddzrEm49BuYgZ4PFV77xRoGmW8U+pa5ptnDMiyRyXF3HGroejAk4IPY0AZ//Cx/BH/Q5eH/APwaQf8AxVH/AAsfwR/0OXh//wAGkH/xVbY1Owbz9t7bn7PGJZsSr+6QgkM3PAIBIJ7A1yGo/Ffw7BYeJH0q8tdRvNBgaZrVLuMfaQsYc7CpY4GdpO3hgRQBqf8ACx/BH/Q5eH//AAaQf/FUf8LH8Ef9Dl4f/wDBpB/8VVuXxZo/9m395YX9pqS6e2y5S1vISYmzjazM6qh9mYdKmm8S6Fb6mmnT61p0V9JL5KWr3aCVpMKdgQnJbDqcYzhh6igDO/4WP4I/6HLw/wD+DSD/AOKo/wCFj+CP+hy8P/8Ag0g/+Kq7c+LPDllq40q81/S7fUWZUFnLexrMWbG0bCd2TkYGOcip9U8QaNogB1rVrHTgV3g3dykWVyBn5iOMsB9SPWgDL/4WP4I/6HLw/wD+DSD/AOKo/wCFj+CP+hy8P/8Ag0g/+KrQHiTR5Zru3tNTsru7tIPPmtYbqMyom0MCQWG0EEYLYHI5pieKdF36dDdapZWl3qUSS21nPdxebKG6BQGIfnjKkg9iaAKX/Cx/BH/Q5eH/APwaQf8AxVH/AAsfwR/0OXh//wAGkH/xVWLjxhoccd/9k1Kyv7jT2C3VrbXsHmQnfsIfc6hCDx8xHIx14qzJ4l0KHVE02bWtPjv5JPKS1a6QSs+AdoTOScMDjHcetAGd/wALH8Ef9Dl4f/8ABpB/8VR/wsfwR/0OXh//AMGkH/xVXZfFnhy31kaRPr+lxamXWMWT3sYmLNjauwndk5GBjnIrM1/xza6R4w0jw1A+nPf6iGkZbvUBb+WgZFAA2sXdi52JgbtjcjFAE3/Cx/BH/Q5eH/8AwaQf/FUf8LH8Ef8AQ5eH/wDwaQf/ABVXk8WeHZLa6uI9f0toLNEe5lW8jKwK4yhc5woYdCevanDxRoB0mLVBrmm/2fMzLHd/a4/KcqGLAPnBICOTzwFb0NAGf/wsfwR/0OXh/wD8GkH/AMVR/wALH8Ef9Dl4f/8ABpB/8VV+28U+H7y6tLaz13Tbi4vozLaxRXkbPcIN2WQA5YDa3Iz90+hqtrHjXQdB8Radourahb2t3qCO8QlnjQKAQBu3MD8xJC4ByQR2oAh/4WP4I/6HLw//AODSD/4qj/hY/gj/AKHLw/8A+DSD/wCKo8OeN9L16RrR7qztNT+03UKaebtWmdIZpIvMCcNg+WT045GTjNalv4g0a71ibSbXVrGfUoAWms47lGmjAxksgO4dR1HcUAZf/Cx/BH/Q5eH/APwaQf8AxVH/AAsfwR/0OXh//wAGkH/xVQ6p44trLx5p/hW1fTZLy5jM04utQELxruUBUQKxkkILMFO3hetbNh4i0XVZ7qHTNYsLyWzOLmO3ukkaDkj5wCdvIPX0NAGZ/wALH8Ef9Dl4f/8ABpB/8VR/wsfwR/0OXh//AMGkH/xVN1L4i+FdO8OS64NcsLyxinS3aS0u4pB5jEYXO7GQDuIznaCe1a9trukXsLTWeq2VxEkAuWeK4RlWI7sSEg/dO1sN0+U+hoAyv+Fj+CP+hy8P/wDg0g/+Ko/4WP4I/wChy8P/APg0g/8Aiq0z4h0VbuC1bV7AXFzt8iE3Kb5dwJXauctkAkY6gUuneING1e5uLfSdWsb6e1O24itrlJGhOSMMFJK8gjn0NAGX/wALH8Ef9Dl4f/8ABpB/8VR/wsfwR/0OXh//AMGkH/xVV7/4jaDaalrelxXdvLqmkWZuTaG5jVpyEdyiDJbKiP5vl+UMDzWronifSdetmax1GylnhjR7u3huUka1LDO1wDlTwRyB0NAFL/hY/gj/AKHLw/8A+DSD/wCKo/4WP4I/6HLw/wD+DSD/AOKpupfEXwrp3hyXXBrlheWMU6W7SWl3FIPMYjC53YyAdxGc7QT2rfs7211Gziu9PuYbq2mXdHNBIHRx6hhwRQBwXj7x94PvPht4ltbPxZoc9xNpN1HFFFqULPIxhYBVAbJJJwAK6D/hY/gj/ocvD/8A4NIP/iqPiP8A8ks8V/8AYFvP/RD10lAHN/8ACx/BH/Q5eH//AAaQf/FUf8LH8Ef9Dl4f/wDBpB/8VWhZ67HfOjW1lePayOUS7CL5be+N27bxjdtx70mla9FqVnBNJGLcy2ouW3SqQi5I9Q3brtx70AUP+Fj+CP8AocvD/wD4NIP/AIqj/hY/gj/ocvD/AP4NIP8A4qtCTXrUzWK2MkN5Hd3BgMkMwYIQhbtnJ46cda0IbmC4gE9vNHLEc4kRwy8HB5HoQaAOf/4WP4I/6HLw/wD+DSD/AOKo/wCFj+CP+hy8P/8Ag0g/+KrYh1fTbiGSa31C1liix5jpMrKmemSDxSTaxYQ6XPqAuopbaAEu8cisMj+HOcZzgY9SKAMj/hY/gj/ocvD/AP4NIP8A4qj/AIWP4I/6HLw//wCDSD/4qtSPX9Kk0+K9bULWOCXhWkmUDOM7c5xkdxUtxqunWmPtd/awZAYebMq5Bzg8nvg/kaAMb/hY/gj/AKHLw/8A+DSD/wCKo/4WP4I/6HLw/wD+DSD/AOKrX1fUf7K01rsx+btkjTbu2/edVznHbdn8KfHqlhNZvdxX1s9tGcPMsylFPu2cDqKAMX/hY/gj/ocvD/8A4NIP/iqP+Fj+CP8AocvD/wD4NIP/AIqtn+1tO+yrdfb7X7OzFRN5y7CQCSM5xnAJ/A0p1TT1mhha+thLOoaFDMu6QHoVGeQfagDF/wCFj+CP+hy8P/8Ag0g/+Ko/4WP4I/6HLw//AODSD/4qtTU9csNHktkv50iNzJsXc6jbwTuOSPl4xn1IqZtU09bpLZr62FxJjZEZl3tnpgZyc0AYv/Cx/BH/AEOXh/8A8GkH/wAVR/wsfwR/0OXh/wD8GkH/AMVW9dXltZQ+be3EVvHnG+Vwi59MmopdV0+CCOae/tY4pV3RyPMoVxxyDnkcj8xQBjf8LH8Ef9Dl4f8A/BpB/wDFUf8ACx/BH/Q5eH//AAaQf/FVoy+ItMh1O3sXu4vMuY/MjfzF2kcYGc9Wzx64NWk1Kxkunto723e4jBLxLKpdcdcjORQBif8ACx/BH/Q5eH//AAaQf/FUf8LH8Ef9Dl4f/wDBpB/8VW3BqVjcpI9teW8yxKGkaOVWCAjIJweBjmqlh4j0vUNOe9ivIY4YziTzJVHl/MVG7njOOPWgDP8A+Fj+CP8AocvD/wD4NIP/AIqj/hY/gj/ocvD/AP4NIP8A4qtyLULO4MQgu4JTMC0WyUHzAOpGDzj2qnF4k0qfVhp8N5C8rRLIrLKpV8nhRzy3fHoRQBn/APCx/BH/AEOXh/8A8GkH/wAVR/wsfwR/0OXh/wD8GkH/AMVXSUUAc3/wsfwR/wBDl4f/APBpB/8AFUf8LH8Ef9Dl4f8A/BpB/wDFV0lFAHN/8LH8Ef8AQ5eH/wDwaQf/ABVH/Cx/BH/Q5eH/APwaQf8AxVdJRQBzf/Cx/BH/AEOXh/8A8GkH/wAVR/wsfwR/0OXh/wD8GkH/AMVXSUUAc3/wsfwR/wBDl4f/APBpB/8AFUf8LH8Ef9Dl4f8A/BpB/wDFV0lFAHN/8LH8Ef8AQ5eH/wDwaQf/ABVH/Cx/BH/Q5eH/APwaQf8AxVdJRQBzf/Cx/BH/AEOXh/8A8GkH/wAVR/wsfwR/0OXh/wD8GkH/AMVXSUUAcb4c1vSte+JOv3Wh6nZ6lbppOnRtLZ3CzIrCa9JUlSRnBBx7iuyrm7H/AJKnrv8A2BdN/wDR99XSUAFFFFABRRRQAUUUUAFFFFABXN+F/wDkYvGf/Yaj/wDTfZ10lc34X/5GLxn/ANhqP/032dADfEOk3V74s0W9js2ubO1tr1LgI6qx8xECqMsOWwRnoO5FVvANlrOmw3dle299a6NbpDFpdvqb273MKqCGTdAzKYwBGFLEvnduJ4NdfRQB5pceGdYudLvdGm0Z5Ij4pi1ITSSQmG4tmvVmfA37sqmcqyjPbdSeJfCGuXmrare6bFNFGNZstRiFq8AluBHb+W5QSgpvDbWHmAAlByOCPTKKAPNNM8IXraxod/NZas+zXZtQvv7ZezLoTZPEkirbnZjf5fQbt2WPrUF74P1Z/E+rQ3aa9cabqWqw36yaY+niEbfL2+YZgJwyNGPuEjaF24ORXqVFAHJeNoNee50ubQbe6eOJpftEumrafbEyo2hDdfuwhOd2Pm4THGaxPA/g3UtKu9BbWtPiC2OgSWMjFo3CSNMp2DHYoDyABjjjpXolxcR2trLcXDbIoULu2CcKBknA9qqtrVgnh5tcafGnLa/bDPsb/VbN+7bjd93nGM+1AHkk/hnV7DR/BWhzRiC51rSo9B1mLzAxWGILITlcg4jW4jznH70Vv+JfDmtXFr4/03T9IlnTXbINYzpLCse9bZYvKIZwytlcg7duO4rttSvtHstPTxBqQiEVrEXiumgLyIr4BCAAtlvlG0DJOBg1PpusWOrK5sZ90kYUywSI0c0O4ZUSRsA6EjkBgDigDiPGPhLUr671kaLp8fkXOhQWcIjaOMNJHOzBMEjACtx25xSan4R1Oey8cGDTo2udV1S1uLNi0eZUijt8HJPG10kIDY5GR159FqpY6pZ6jNew2U3mPYXH2a5G0jy5Nivt5HPyyKcjI5+tAHkmmvOvi4XeoJO2gp4rnktbm2tYtpunZ7ZVaQz+YV3MQcQcH+MoMn0G90Sa6+JumatJaJLY22kXduZX2nZLJLAVAB55RZOQMYyD150U8M6DHrn9tJomnLquSft4tIxPkrtJ8zG77px16cVqUAeW6T4J1bT/AAj4Oso9LjguNO0e7trxEeMeXJLCMjIODukGSRkE8k96s2Gh6/pWoaA2j6dqFpdi0sbXVpnmtnspoYlw6sC5lDqGkCmNQCxG4leR3esazY6Dp/2zU5HSLzEiURQvM7u7BVVUQFmJJ6AH16CrcMqz28cyBwsihlEiFGAIzyrAEH2IBFAHlsnh3xHNoGtaNpel6ja6O8UbWljqk1qzxzG43sInidj5e3cT5rE52heMitC/8JanLpnjDydPja71HXba8tG3R7pIo1tcNknja0cuAcHg4HIz1Vz4w0a2hdzNcTGO7ezMdrZTTyeagywCRoWIA6sBj3rR0zU7PWdLt9R0u4W4tLhN8Ui55H0PIIPBB5BBB5FAHkfh03CeKrK+1NLg6N/wkmoS6fc29rEEa4meeIK8hn81l5cY8hfmx8xRQT6Je6VeTfErR9VjhzZW2mXkEsu4fK8kluUGM5ORG/IGOOeoq/D4Z0G31ptYt9E06LU3JLXqWkazMSMEmQDccjrzWnQB5rYeE9V0n4f+C4k0hZ7nQbpLq70uOSNTKSkisVJYRl1eXzOWAJXrmhfCeq3+uWmr3Gki2huPFKarJYSyRM1rGli8AkfaxUuZAjYQtjKnOQcelUUAecx+D9Qgspjb6ZFHcSeMBqjMpjBaDzwTKTnr5e7j72OMVv8AiKz1AeLvDurWOnzX8NmbiG4SCSNWjEqqA/zsoKgryASeeAa6eigDzrT/AAjqdro2nJ/Z0aXUXiy41OUho8iF55sSZzyTE6jH3sHGOMVT8JeD9X03VNItNaXX5E0m7uJ4biOTTxYlnEo35UC5O8SHIYH525JA3V6jRQByuraFqF/4zmurf9zby6DPZLchh+7meRSvGd3QE59utcZpnhHxDDovlPp+qyapp+hzWFpHqR019OfcEBjVYQsjoTGpUSADj5sGvXaKAPJP+EV8UX0Hi64ubTU5pL+3042i6nLZCeZreaR3T/R8RrwVAJP8QyeCF2Ncsdfk1jVdQ07w5dXH9u6FHY+U9zbobOZGm/1v7wjaRMOY9/3Tx0r0OigDgdB8JajBc6w11AtpLd6DY2EF1uVmSRI5VkA2nIAZkPoe2cVW8B+GdT07U9LfWrfXoptK01rKJp30/wCxhT5YZI/ICyspMald6jhecGvR6KAOE1rRtXbX/FgtdMlubfXNEjt7e5jliCRzIk42OGcMM+YmCARzyRiqeo+FtahS0/sTS7I+R4UuNO8mdYzCZ90BjiZM/MMLLj+H1PNej0UAeSf8Ir4ovoPF1xc2mpzSX9vpxtF1OWyE8zW80jun+j4jXgqASf4hk8EL6raTyXNnFNNay2kjqC0ExQvGfQlGZc/Qke9TUUAc38R/+SWeK/8AsC3n/oh66GaMTQvE2QrqVOOuCK574j/8ks8V/wDYFvP/AEQ9dJQBh6J/aVhY2emT6Yf9HUQtcrKgiZFGAwGd2SAONvU9awk8Nao2kpA1soddKjgKvIuGdZd5TgnqOM9Oa7migDlNc0m98QCDyrF9OP2gmSUyR+YV8plDNtJ4yQMAk4z0q/c2d7qfg6Wye0jsrpofLEKsPL47AjopAx7A1uUUAchqulajq8d3NFphtCdO+ypA8keXYuG42sRtABxkjr0rpNRtDPot1aWyqpkt3ijUcAZUgD2FW6KAOTuLXWJbG0jjsZ4Qtk1vIIzbmXfhRgs5I8s4P3eeOlVILe7tNQjtTpjXdyvh+G3dFdAUbLggliBtyOcE9Bwa7emCGITmcRp5pUIZNo3FQcgZ9Mk8e9AGHqGj3D+C7fSlVbiaJLZHGRh9jpuPPbCk1S1fQ9QudQv57aNgjXFrOgRk3S+WCGxuyMjjG4Y4FdZRQByqaLcSTWs/kXrN/aaXM4vWg4CxMu8CM7eu33yM0y90O7fUdRSZdQmtb6ZJd1m1uBgBQFbzPnBUrkbTjB4wc11tFAGTr1vczf2dNaW7XBtbxZnjRlDFdjqcbiB/EO9ZFzpOoS2uo6eun5+23v2hLzzE2opZW+YZ3blxgYBHTmutooAw/EFheXF9pt5ZeefsrSbxbmPzPmXAK+Z8vsc84JxVaw0WS31LSZkguBFALppPtTRF4nkKkcJ8oBw33egPaulooA5TStK1DTp9Gkks2YQxzwTKjp+6DyAq3LcjA7ZPtUWmaDewLa216t+xtHleORGt/Iyd/OeJcMG5B7nnpmuwooAzfDtlJp3huwtJ4hFLFCqyICDhu/TjrWD/AGPqY0ezt1gnjk0++ebMbxEzKzvho9xIyAwOHA/OuwooA4278O3d/Yi1t4bq3llnluZLu9eLcjFNpUCE9H747bu+K0reG/i1uG+/stkSTTlgaJJIwIXVidp+bpzgEZroKKAIbOWeaziku7f7NMy5eHeH2H03Dg1NRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBzdj/AMlT13/sC6b/AOj76ukrm7H/AJKnrv8A2BdN/wDR99XSUAFFFFABRRRQAUUUUAFFFFABXN+F/wDkYvGf/Yaj/wDTfZ10lcsfD/iOz1zV7zQ9c0uC31S6S6aG80mSd42EEUJAdbhAQRCD93uaAM/4ha7f+ELyx1208+5gmim09rJWJRrh132zbegJkTy8/wDTUZ6VzepumkSX2leLfFmqWt5Y6TCNJkTUJYGvJtjeZIgVh9okMoA8tg+PlAX5uen1jwr4v1v7ALzxLogSyvI7xUTQpcSPHkoGzdngMQ3GDlV56g6X2Hxv/wBDD4f/APBDP/8AJlAHAa94tv8AR/Dfi2LX9Wk0/W5/D9vcWVv5zJIJjbuJDAo7rIpLFPu4ycDmu48Z302k+HdP11bmeKHS7uC4vBHIQJLdv3cu8fxBVkL4PdAetT/YfG//AEMPh/8A8EM//wAmUfYfG/8A0MPh/wD8EM//AMmUAcXomp+ILrWLLRJru6N67nxC6STNn7PJCdtuTn7guX27c42pjtVfw/qT3svh86D4g1HUtbu7e4HiG1mvpJPszGBiS8BJW2ZbgIqqqp1KjI6d59h8b/8AQw+H/wDwQz//ACZR9h8b/wDQw+H/APwQz/8AyZQBwdn4sTWNP8N2drrEl5PH4ZvBqsQmZitwsMIxN/00Db+G+YZJ71karf2j+DL+z1zWr2xmj8K239j2cN1JEtzutm3kRqcTkt8rAhtqgHC5zXqf2Hxv/wBDD4f/APBDP/8AJlH2Hxv/ANDD4f8A/BDP/wDJlAGF8QLKK++EtmszzqEm05h5FxJETmeJeShGRhjwehweoBGVrU19b6lqulWmralBbx63o9nGy3kjSRxSLGHAdiTlsnJOSScnmuy+w+N/+hh8P/8Aghn/APkyj7D43/6GHw//AOCGf/5MoA4jUr+XRrjUtHutY1G30C18Q2sN3ezX8pktraS0Em03JbzEQz+Wu4tkCQjIFb3wra0dfFjabdzXtodebyLieRpGkT7JbbSHbl1x91yTuXDbmzuOz9h8b/8AQw+H/wDwQz//ACZR9h8b/wDQw+H/APwQz/8AyZQBxGieLDNL4H0l9ekfU4b28h1eJp2Z4zHbXPFwCePmUMA/XZkZ25GVHr99a+FNTtdN1X+15oJrP+0NetdfnntpYGlZZG34cWb4BLiIHYrhgcAEemfYfG//AEMPh/8A8EM//wAmUfYfG/8A0MPh/wD8EM//AMmUAecG1Gt6dpv2jW4L+xHiS2S1XSfEtxem3Vk+dGuPkcncNy7sldxwQOK0tY8TnTLPXNFfWp4tXHiSzFrbG4czi1aa1OVyd3lFS4J+6SSCcnB7X7D43/6GHw//AOCGf/5Mo+w+N/8AoYfD/wD4IZ//AJMoA5y3vZdP8K+LJ7fUxpT/APCRvGLzy95jDzRKcLscEkMQMqRkjOBzXb6Fotr4e0S30uwMjQwA/PK+55GZizOx7szEsegyeABxWX9h8b/9DD4f/wDBDP8A/JlH2Hxv/wBDD4f/APBDP/8AJlAHSUVzf2Hxv/0MPh//AMEM/wD8mUfYfG//AEMPh/8A8EM//wAmUAdJRXN/YfG//Qw+H/8AwQz/APyZR9h8b/8AQw+H/wDwQz//ACZQB0lFc39h8b/9DD4f/wDBDP8A/JlH2Hxv/wBDD4f/APBDP/8AJlAHSUVzf2Hxv/0MPh//AMEM/wD8mUfYfG//AEMPh/8A8EM//wAmUAdJRXN/YfG//Qw+H/8AwQz/APyZR9h8b/8AQw+H/wDwQz//ACZQB0lFc39h8b/9DD4f/wDBDP8A/JlH2Hxv/wBDD4f/APBDP/8AJlAHSUVzf2Hxv/0MPh//AMEM/wD8mUfYfG//AEMPh/8A8EM//wAmUAdJRXN/YfG//Qw+H/8AwQz/APyZR9h8b/8AQw+H/wDwQz//ACZQB0lFc39h8b/9DD4f/wDBDP8A/JlH2Hxv/wBDD4f/APBDP/8AJlAB8R/+SWeK/wDsC3n/AKIeukrjdb8OeMde0DUNIvPEmhpb6hayWsrRaFMHVXUqSpN2RnB4yDV77D43/wChh8P/APghn/8AkygDpKK5v7D43/6GHw//AOCGf/5Mo+w+N/8AoYfD/wD4IZ//AJMoA6Siub+w+N/+hh8P/wDghn/+TKPsPjf/AKGHw/8A+CGf/wCTKAOkorm/sPjf/oYfD/8A4IZ//kyj7D43/wChh8P/APghn/8AkygDpKK5v7D43/6GHw//AOCGf/5Mo+w+N/8AoYfD/wD4IZ//AJMoA6Siub+w+N/+hh8P/wDghn/+TKPsPjf/AKGHw/8A+CGf/wCTKAOkorm/sPjf/oYfD/8A4IZ//kyj7D43/wChh8P/APghn/8AkygDpKK5v7D43/6GHw//AOCGf/5Mo+w+N/8AoYfD/wD4IZ//AJMoA6Siub+w+N/+hh8P/wDghn/+TKPsPjf/AKGHw/8A+CGf/wCTKAOkorm/sPjf/oYfD/8A4IZ//kyj7D43/wChh8P/APghn/8AkygDpKK5v7D43/6GHw//AOCGf/5Mo+w+N/8AoYfD/wD4IZ//AJMoA6Siub+w+N/+hh8P/wDghn/+TKPsPjf/AKGHw/8A+CGf/wCTKAOkorm/sPjf/oYfD/8A4IZ//kyj7D43/wChh8P/APghn/8AkygDpKK5v7D43/6GHw//AOCGf/5Mo+w+N/8AoYfD/wD4IZ//AJMoA6Siub+w+N/+hh8P/wDghn/+TKPsPjf/AKGHw/8A+CGf/wCTKAOkorm/sPjf/oYfD/8A4IZ//kyj7D43/wChh8P/APghn/8AkygDpKK5v7D43/6GHw//AOCGf/5Mo+w+N/8AoYfD/wD4IZ//AJMoA6Siub+w+N/+hh8P/wDghn/+TKPsPjf/AKGHw/8A+CGf/wCTKAOkorm/sPjf/oYfD/8A4IZ//kyj7D43/wChh8P/APghn/8AkygAsf8Akqeu/wDYF03/ANH31dJXP6Hoeq2ev6jq+uanZ31xeWtvaqtnYtbJGsLTMCQ0shJJnPcfdFdBQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAf/9k=)

Figure Example question for stakeholder elicitation

When analysing the completed questionnaires, the goal was to see if any changes to the requirements were required; to identify the needs of a stakeholder group; to match how well a requirement meets that need and to be aware of any unexpected feedback that may elicit entirely separate requirements. There were three respondents to the questionnaire (the implications of this are discussed in section 3.1) who were potential users of the application, rather than service providers, so the analysis will focus on this single stakeholder group.

Responses indicated that FR1, FR2 and FR5 all were valid for this stakeholder group and will remain unchanged, some key quotes are:

* *“it would allow me to find what services are nearest rather than just what services are beat advertised”* (FR1).
* “Yes it would help to find what is accessible nearby especially if someone can’t access support during the day due to commitments or work” (FR2)
* “Yes, searching by the name/description of the service would be good” (FR5)

A stakeholder need can also be identified from this feedback:

* *N1.1: Finding a service that I need to access*

This is the core need that the app is attempting to fulfil, and all respondents rated this as of high importance to them. All respondents felt that there was some difficulty for them in finding and accessing the services that are available to them.

FR3 elicited a lot of suggestions about how it might be delivered, perhaps suggesting that it was vaguely worded. The feedback also indicated that users would value personalising their use of the app to tailor to their individual situation. As discussed in section 3.3, there are different experiences under the ‘trans umbrella’ that the app should try to cater for, such as transfeminine, transmasculine and non-binary. A key quote is:

* *“I wondered about a tag could be selected to specify services intended for specific people ie just trans women/men like make up support”* (FR3)

Therefore, FR3 has been amended to:

* *FR3: have tags to show or hide the services displayed on the map, based on type of service and the gender identities they provide for.*

Additionally, a stakeholder need can be identified from this feedback:

* *N1.2: Personalise the experience of finding services to my identity*

For FR6 there was a lot of feedback that users find it difficult to find out about events because they are spread across multiple places such as Facebook groups and discord servers. It highlights a problem that with this functional requirement that in delivering it there would be a risk that this would be simply ‘another place where events can be created’ and would potentially exacerbate the problem that users have rather than improving it. A key quote is:

* *“It’s hard to keep track of events, some are on Facebook, some by discord, so a central location would be lovely”* (FR6)

Therefore, FR6 has been amended to:

* *FR6: collate existing events for the community from other sources, in a calendar.*

A need can also be identified:

* *N1.3: Find out about community events*

Previously it has been stressed that maintaining privacy and safety of users is crucial to the project, both from a moral and reputational point of view. This community anxiety is highlighted by an unpromoted in response to the question about the filter tags:

* "not sure if this might allow terfs to find and cause problems for those services/users who attend that place?”

This is an important consideration for the app fundamentally, that while increasing the visibility of services is a positive thing for the trans community, that visibility may also increase for those who would do the community harm. However, this does not require change to NFR1 and other feedback indicated that this requirement was valid. A key quote is:

* “it would help with feeling safer particularly before coming out” (NFR1)

A need can also be identified:

*N4: Maintain my safety and privacy when using it*

Feedback also indicated that FR4 was not important to users, as they have other apps they use to give them directions. Additionally, many services require some interaction or planning before using them, so a user would not likely go to the service directly and instead make an appointment. A key quote is:

* “Not particularly useful to me as I use google maps for navigation. A simple link to a maps provider would do for me” (FR4)

Therefore, FR4 has been removed entirely.

Table 1 below is the resulting stakeholder and requirements matrix. The extent to which a requirement meets a need is expressed as either none, low, medium, or high. This was parsed from the priority that users gave in their responses but also by interpreting their written responses and an understanding of how the requirements and needs will interact.

Table Stakeholder and requirements matrix work in progress

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | FR1 | FR2 | FR3 | FR5 | FR6 | NFR1 |
| Trans community app users | N1.1 | H | H |  | H |  |  |
| N1.2 |  |  | H | M |  |  |
| N1.3 | L | L |  |  | H |  |
| N1.4 |  |  |  |  |  | H |
| Service providers | N2.1 |  |  |  |  |  |  |
| N2.2 |  |  |  |  |  |  |

Further analysis will be conducted to produce user stories from the feedback that has been gathered, and then all of this will be collated in a condensed version of a Volaire template. So far only one non-functional requirement has been considered, so more could be identified and as development continues further requirements may emerge.

#### 1.3.1.3 User Interface design (Note: No changes)

As explained previously, some skills development was undertaken by studying Gray’s CSS Tutorial – Full Course for Beginners (2022) and McFedries’ Web Design Playground HTML and CSS the Interactive Way (2019). The goal was to gain enough knowledge to produce a simple, but effective layout that would maximise screen space to ensure that information is legible to the user, while taking into consideration accessibility issues (discussed in section 3.3). Previously three types of designs were considered, a design similar to google maps, a design with menus that slide in from the sides and a very simplified design and the conclusion was that a balance would have to be struck between investing time on learning how to produce these designs and spending time on other critical aspects of the project.

The first task was to create a simple menu bar and decided to start by using an unordered list to do this. Initially a horizontal bar was considered, but on reflection this may have taken up unnecessarily screen real estate, so instead, it was adapted into a drop down ‘hamburger’ menu as Gray and McFedries both illustrate. This was achieved by utilizing the transition property and a hidden checkbox to activate the menu, with figures 6 and 7 showing it with the menu closed and open.

![A picture containing graphical user interface

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDoRXhpZgAATU0AKgAAAAgABAE7AAIAAAAKAAAISodpAAQAAAABAAAIVJydAAEAAAAUAAAQzOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAERheW5lc3RhcgAABZADAAIAAAAUAAAQopAEAAIAAAAUAAAQtpKRAAIAAAADNDkAAJKSAAIAAAADNDkAAOocAAcAAAgMAAAIlgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADIwMjM6MDU6MDIgMjA6MzQ6MzUAMjAyMzowNTowMiAyMDozNDozNQAAAEQAYQB5AG4AZQBzAHQAYQByAAAA/+ELHGh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iLz48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdGVEYXRlPjIwMjMtMDUtMDJUMjA6MzQ6MzUuNDkyPC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyI+PGRjOmNyZWF0b3I+PHJkZjpTZXEgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOmxpPkRheW5lc3RhcjwvcmRmOmxpPjwvcmRmOlNlcT4NCgkJCTwvZGM6Y3JlYXRvcj48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAcFBQYFBAcGBQYIBwcIChELCgkJChUPEAwRGBUaGRgVGBcbHichGx0lHRcYIi4iJSgpKywrGiAvMy8qMicqKyr/2wBDAQcICAoJChQLCxQqHBgcKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKir/wAARCADFAnwDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD3Giq9/dfYdNubvZv8iJpNmcbtoJxnt0rH8FeKf+Ew8P8A9p/Y/sf75ovK83zOmOc4Hr6VC1vbod7aTSfU6CisXxTrd7oGkpd6bo1xrErSiM29vu3AEE7uFbjgDp3rWt5GmtYpZIzEzoGaNuqkjp+FHS4X1sSUUUUDCiiigAooooAKKKKACiiigAorjL3xhqFv8V7HwwkNsbK4g8x5CreYDtc8Hdj+Edq7Oi2lxXV7BRXEan4x8VaTaXN5deCNtpbBneb+1ovujvgKT+FQ6T468T65pkWoaX4I8+1mzsk/taJc4JB4ZQeoNNJsTkk7He0UiklAWG0kcjOcUtIoKKKKACiiigAooooAKK5bwr40/wCEm1vWdP8AsH2b+y5vK8zzt/m/My5xtGPu+/WneJvGX/COeINE0z7B9p/tWbyvM87Z5XzKucbTn73qOlNJtpdyeZWb7HT0UUUigorjNd8YX+mfEnR/D9vDbNaX0YaV3VjICSw4IbH8I6g12dHS4r62CiiigYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFcrL/AMhzVf8Ar4T/ANEx11VeE+P/ABlrWgfELWLTTrlI4S8ThXiDcmCMHBP0qZTUFdmtHB1MZL2VO199T2bX/wDkW9S/69Jf/QDXHfBb/kn/AP29yfyWu11eCS60S+t4F3Sy28iIucZJUgDmvOvBUXjXwf4f/sz/AIQ37Z++aXzf7Uhj644xz6etXDeXovzOapvF9r/kanxh1G90zwZDPpt5cWcpvEUyW8rRsRtfjIPTgVS+ItxrGn+FNF1/StQu4mtDH9pRJmCyhgCC4B+b5hjn+9UvjnTPEnjHwHFANB+x6gt6rm0+2RyfIFYbt+QOp6da6670ZdU8Hto94NpmtBC3fa23GfwPP4Uaxi31uvyB+/JLpb9TmvFXiOXV9F0Gx8P3UlvdeIJUKywuVeKIYZyCOQR0/OsXxv4xMHjS38Ny6zcaNpdvErXl3bhmmclcgBgCRxjn3Oak+GXgjXNH1hr3xNCYxZwGCxQyo4AZiWI2k479f71avinwlq6eMrXxb4W8mW8iUJPaTNsEwwRwenIOOcdAap8qku2v/AI99xb66L/My/APixp/HF3oVrrNxrWlNCZbW5uw3mqwxkEsAT1PX0GKreHzrfiH4ieJ9NbxDqFrYwTvlYpSXVfMICxlshPqBnjFd3o2peJb+8X+1tAg0m2VTuLXonkY9sBRgD6msHwb4a1bSfH/AIl1LULTyrS+lZreTzEbeDIT0BJHB7gUK3Nr2Y7Pl07oy/ibc6poS+FrLSNWvY3MrRNK9w26bHlgGQjG7rz9TUXjmLXvBFvY+ILTxLqF7IbgR3MFy48lyQT8sYACj5SMcnnrS/Gfzft/hj7Pt837S/l7/u7sx4z7Zqz4n0Pxd46mstL1LS7fSdOt5vMnuUuxKJSBjKqAGHBOAR360Ru0n5hO12vL/Ml8beLtSmvtA0Pw/ObKbWVjlkuAAWjRzgAenc+vFUfFMmsfDWbTdTtNe1HVLGabyrq31GXzc8Z+U4+XgH8QOtbnjXwVeajcaTqvhtoo9Q0gqIopThZEUghc+ox+prN1vQPFPxAvNPt9d0uHQ9MtJPMmH2tZ3mPT5dvTjI59e/SiNtLd/wAP+GFJS1v2VvXr+JJ4t8RanqfjjSvCeh3r6fHdRiW4uoh+82kFsKe3yrn6mqmsXuq/DnxVpCjWr7VdJ1F/Lmj1CTzXQggEhsf7QP4Vr+LfCGpP4o07xR4XEMl7YqI3tZW2CVBkYB6A4Yjn29Kp3fhvxF428UaZfeJNOh0fTtNbeLYXKzyStkE8rxg7R+FEbXXq7+gTUte9lb1Kmqf8nGaT/wBeh/8ARclepVwV/wCGtWm+NGn69FabtNhtykk/mIMNscY253dWHau9pP4V8/zZovif9dDn/Hn/ACIGt/8AXm/8qzvhP/yTPS/rL/6NetnxbY3Op+D9UsrGPzbi4tnSNNwXcxHAyeBVL4e6Te6H4GsNP1SHyLqHzN8e9WxmRiOVJHQiiPwy+X6hL4l8zkvEl7rU3xqsNI03WLmxhmtQSquWQfK5J2E7S2BwSOuD2rr7rS10bwpcW8/ia+tk8zzJNSvJ1eVASMqGIAGcYHHGaxb/AMNatN8aNP16K03abDblJJ/MQYbY4xtzu6sO1W/ib4X1HxV4ZjttJZTPBOJvJdtolGCMZ6Z578Uvsr+uore83/WxwV14sh0bxNpX/CKeLtU1qKacR3kGoO0igFgONygc5PT0rofidqWsWvjDwza6LqM1m1zLtKrIwjdi6gb1B+Yc9D2qn4n0Dxl4hg0WePw3Z2S6U422UV6hZvu854VV+UcZJrY8YeHtb13xX4U1K20/EdnIkl4PPT9x86MRyRuxg9B2q1bmjfv+Bl73LK3ZfmZ2tyax4P8AH3h1I/EGoahHqkwiuYrtwYz8yqSqgAL97jHTHWrfxU13VNJvdJhjubyw0ed8Xl3ZD94ORwG7HGSPX3xV3xz4c1XWfF/he9021863sLnfcv5iL5a70OcEgnhT0zW94huddgYLpeh2us2kke2WCS5ET7s/7QKlcVN/di+t2acrvJLyKHgYaTJBcXOjeJ9S1xJAoZb+781ocZ/hIBXOe/XFdZXnngfwbqGneLtQ8QX1jb6NFcxmOLTbeUSBMkEkkfL/AA9B69q9Dol0HTvbU8W8FajrOn+NPFZ0PQf7YL3jeYPtiQeXiR8feHOefyp/i7UdZ1Dx54QOuaF/Y5S9Xyx9sSfzMyR5+6OMcfnXU+AfDWraJ4p8TXmp2nkQX1xvt38xG3rvc5wCSOGHXFO8c+HNV1nxf4XvdNtfOt7C533L+Yi+Wu9DnBIJ4U9M1UWlOHy/IzlF8k/66lTxxql/afEzwra2l9cwW88iiaGOZlST94B8wBwfxp/jrU7+0+InhK2tL24gguJsTRRSsqyDevDAHB/Gp/H3hnWNQ1/RNe0G3jvJtNkBe1eURlxuDDDHjsf/AK9ZuraB4u1zxx4e1m+0+CG2tZlZ7eG4VzbKGBJZjjeTz90YGBU07e7fo2Orf37dUrFPx9FdT/GXw7FYXC21w9uqpMyb/L+aTnHcin+JLnV/h94s0e4i17UdSsdQkKXEF9L5mMEZ2gAAcNkYAxjvWn4w8NeIb74k6PrWh2kMsVnAA0k8oVAwZztIB3cggZAPWob7w54k8a+LtNu/EOmRaRpmmNvEQulnaY5BOCvrtA5AwKcPs37u/oFVO8rdlb1selUUUVBuFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBwPxOsfCV5/Zf/AAmOqXen7PN+zfZlJ352bs4RumF9OveuC/sT4Sf9DRq3/fpv/jFeleP7/wCxf2f/AMUX/wAJTv8AM/5Y+Z9nxt/6Zvjdn2+73rjf7d/6ov8A+SX/ANorWN7HPO3N/wAOY/8AYnwk/wCho1b/AL9N/wDGKP7E+En/AENGrf8Afpv/AIxWx/bv/VF//JL/AO0Uf27/ANUX/wDJL/7RVakaeX3M9E8EQaRbeDbGLw5dS3emr5nkzTDDN+8Ytn5V/iyOg6VxPirxT4b0jxhqdrrNp9ouRJG24WyybVMMeBk/n+Nd54Tn+0+F7Sb+xf7C3b/+Jfs2eT87DptXGfvdB96vPPFXw9j8S+NdY1CXUHtyZo0CJGG4EEfPJ+tc8+b7O56OG+r8y+sNqPkeuUVgzeJmh6WW7/trj+lVT4xcf8w7/wAj/wD2NXySOJYim+p1FFct/wAJk/8A0Df/ACP/APY0f8Jk/wD0Df8AyP8A/Y0ckh+3p9zqaK5b/hMn/wCgb/5H/wDsaP8AhMn/AOgb/wCR/wD7GjkkHt6fc6miuW/4TJ/+gb/5H/8AsaP+Eyf/AKBv/kf/AOxo5JB7en3LfiTwfYeKbjT5tQmuY20+QyRCBlAYkqfmyp/ujpit6uW/4TJ/+gb/AOR//saP+Eyf/oG/+R//ALGjllawvbU73udTRXLf8Jk//QN/8j//AGNH/CZP/wBA3/yP/wDY0ckh+3p9zqaK5b/hMn/6Bv8A5H/+xo/4TJ/+gb/5H/8AsaOSQe3p9zqaK5b/AITJ/wDoG/8Akf8A+xo/4TJ/+gb/AOR//saOSQe3p9zqaK5b/hMn/wCgb/5H/wDsaP8AhMn/AOgb/wCR/wD7GjkkHt6fc6miuW/4TJ/+gb/5H/8AsaP+Eyf/AKBv/kf/AOxo5JB7en3Oporlv+Eyf/oG/wDkf/7Gj/hMn/6Bv/kf/wCxo5JB7en3Oporlv8AhMn/AOgb/wCR/wD7Gj/hMn/6Bv8A5H/+xo5JB7en3Oporlv+Eyf/AKBv/kf/AOxo/wCEyf8A6Bv/AJH/APsaOSQe3p9zqaK5b/hMn/6Bv/kf/wCxo/4TJ/8AoG/+R/8A7GjkkHt6fc6miuW/4TJ/+gb/AOR//saP+Eyf/oG/+R//ALGjkkHt6fc6miuW/wCEyf8A6Bv/AJH/APsaP+Eyf/oG/wDkf/7GjkkHt6fc6miuW/4TJ/8AoG/+R/8A7Gj/AITJ/wDoG/8Akf8A+xo5JB7en3Oporlv+Eyf/oG/+R//ALGj/hMn/wCgb/5H/wDsaOSQe3p9zqaK5b/hMn/6Bv8A5H/+xo/4TJ/+gb/5H/8AsaOSQe3p9zqaK5b/AITJ/wDoG/8Akf8A+xo/4TJ/+gb/AOR//saOSQe3p9zqaK5b/hMn/wCgb/5H/wDsaP8AhMn/AOgb/wCR/wD7GjkkHt6fc6miuW/4TJ/+gb/5H/8AsaP+Eyf/AKBv/kf/AOxo5JB7en3Oporlv+Eyf/oG/wDkf/7Gj/hMn/6Bv/kf/wCxo5JB7en3Oporlv8AhMn/AOgb/wCR/wD7Gj/hMn/6Bv8A5H/+xo5JB7en3Oporlv+Eyf/AKBv/kf/AOxo/wCEyf8A6Bv/AJH/APsaOSQe3p9zqaK5b/hMn/6Bv/kf/wCxo/4TJ/8AoG/+R/8A7GjkkHt6fc6miuW/4TJ/+gb/AOR//saP+Eyf/oG/+R//ALGjkkHt6fc6miuW/wCEyf8A6Bv/AJH/APsaP+Eyf/oG/wDkf/7GjkkHt6fc6miuW/4TJ/8AoG/+R/8A7Gj/AITJ/wDoG/8Akf8A+xo5JB7en3Oporlv+Eyf/oG/+R//ALGj/hMn/wCgb/5H/wDsaOSQe3p9zqaK5b/hMn/6Bv8A5H/+xo/4TJ/+gb/5H/8AsaOSQe3p9zqaK5b/AITJ/wDoG/8Akf8A+xo/4TJ/+gb/AOR//saOSQe3p9zqaK5b/hMn/wCgb/5H/wDsaP8AhMn/AOgb/wCR/wD7GjkkHt6fc6miuW/4TJ/+gb/5H/8AsaP+Eyf/AKBv/kf/AOxo5JB7en3Oporlv+Eyf/oG/wDkf/7Gj/hMn/6Bv/kf/wCxo5JB7en3Oporlv8AhMn/AOgb/wCR/wD7Gj/hMn/6Bv8A5H/+xo5JB7en3Oporlv+Eyf/AKBv/kf/AOxo/wCEyf8A6Bv/AJH/APsaOSQe3p9zqaK5b/hMn/6Bv/kf/wCxo/4TJ/8AoG/+R/8A7GjkkHt6fc6miuW/4TJ/+gb/AOR//saP+Eyf/oG/+R//ALGjkkHt6fc6muVl/wCQ5qv/AF8J/wCiY6cPGLn/AJhv/kf/AOxrlLrWPEN1rmpy6VYAwNOnHkRy4Pkx5+ZriM/+O/iafK1qzOpUhJWTOsltA/aoDp49K1cUbRXbY8VSZk/2evpR/Zy+lauBRgUco+dmV/Zy+lH9nL6Vq4FGBRyhzsyv7OX0o/s5fStXAowKOUOdmV/Zy+lH9nL6Vq4FGBRyhzsyv7OX0o/s5fStXAowKOUOdmV/Zy+lH9nL6Vq4FGBRyhzsyv7OX0o/s5fStXAowKOUOdmV/Zy+lH9nL6Vq4FGBRyhzsyv7OX0o/s5fStXAowKOUOdmV/Zy+lH9nL6Vq4FGBRyhzsyv7OX0o/s5fStXAowKOUOdmV/Zy+lH9nL6Vq4FGBRyhzsyv7OX0o/s5fStXAowKOUOdmV/Zy+lH9nL6Vq4FGBRyhzsyv7OX0o/s5fStXAowKOUOdmV/Zy+lH9nL6Vq4FGBRyhzsyv7OX0o/s5fStXAowKOUOdmV/Zy+lH9nL6Vq4FGBRyhzsyv7OX0o/s5fStXAowKOUOdmV/Zy+lH9nL6Vq4FGBRyhzsyv7OX0o/s5fStXAowKOUOdmV/Zy+lH9nL6Vq4FGBRyhzsyv7OX0o/s5fStXAowKOUOdmV/Zy+lH9nL6Vq4FGBRyhzsyv7OX0o/s5fStXAowKOUOdmV/Zy+lH9nL6Vq4FGBRyhzsyv7OX0o/s5fStXAowKOUOdmV/Zy+lH9nL6Vq4FGBRyhzsyv7OX0o/s5fStXAowKOUOdmV/Zy+lH9nL6Vq4FGBRyhzsyv7OX0o/s5fStXAowKOUOdmV/Zy+lH9nL6Vq4FGBRyhzsyv7OX0o/s5fStXAowKOUOdmV/Zy+lH9nL6Vq4FGBRyhzsyv7OX0o/s5fStXAowKOUOdmV/Zy+lH9nL6Vq4FGBRyhzsyv7OX0o/s5fStXAowKOUOdmV/Zy+lH9nL6Vq4FGBRyhzsyhp49KyF0DSLrUtQe/0uyuZROo8ya3R2x5UfGSK63aK4LV/GeiaF4k1Oz1K98mcTI2zynbgwx45CkVlUVkb0JNyO+ooorc5AooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACvnv4maZeXnxI1aS2gaRAYVJBHXyUr6EryLxV/yOusf9do/wD0RHWNX4Tpw/xnrtFFFbHMFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV4R8QdffS/iFq0CwLIC8TZLY/5Yx/4V7vXzb8WZdnxP1UYzxD3/6YpWVX4Tpw/wAZ9JUUUVqcwUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXzT8XP8AkqGq/SH/ANEpX0tXzT8XP+Soar9If/RKVlV+E6cP8Z9LUUUVqcwUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXzT8XP+Soar9If/RKV9LV80fF0gfFHVcntD/6JSsqvwnTh/jPpeiiitTmCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK+ZPjB/wAlT1X6Q/8AolK+m6+ZPjB/yVPVfpD/AOiUrGt8J04f4z6booorY5gooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACvmL4wvt+KmqjBPEPT/AK4pX07XzJ8YB/xdPVfpD/6JSsa3wnTh/jPpuiiitjmCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK+ZPjB/wAlT1X6Q/8AolK+m6+ZPjB/yVPVfpD/AOiUrGt8J04f4z6booorY5gooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACvmT4wf8lT1X6Q/+iUr6br5k+MH/JU9V+kP/olKxrfCdOH+M+m6KKK2OYKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAr5k+MH/ACVPVfpD/wCiUoorGt8J04f4z//Z)

Figure Drop down menu closed

![Text

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDoRXhpZgAATU0AKgAAAAgABAE7AAIAAAAKAAAISodpAAQAAAABAAAIVJydAAEAAAAUAAAQzOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAERheW5lc3RhcgAABZADAAIAAAAUAAAQopAEAAIAAAAUAAAQtpKRAAIAAAADNTgAAJKSAAIAAAADNTgAAOocAAcAAAgMAAAIlgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADIwMjM6MDU6MDIgMjA6MzQ6MDAAMjAyMzowNTowMiAyMDozNDowMAAAAEQAYQB5AG4AZQBzAHQAYQByAAAA/+ELHGh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iLz48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdGVEYXRlPjIwMjMtMDUtMDJUMjA6MzQ6MDAuNTc1PC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyI+PGRjOmNyZWF0b3I+PHJkZjpTZXEgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOmxpPkRheW5lc3RhcjwvcmRmOmxpPjwvcmRmOlNlcT4NCgkJCTwvZGM6Y3JlYXRvcj48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAcFBQYFBAcGBQYIBwcIChELCgkJChUPEAwRGBUaGRgVGBcbHichGx0lHRcYIi4iJSgpKywrGiAvMy8qMicqKyr/2wBDAQcICAoJChQLCxQqHBgcKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKir/wAARCAC+An0DASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD3GiiuD8K+JNW1L4meIdKvbvzbKz3eRF5aDZ84HUDJ49TUJXdjulJRV36HeUVV1Vpk0e8a2uIraZYHMc8xASJtpwzEgjAPJ4rE8M6pLbeFFvPE/iDS71hKwa+gnQQ9eF3AKM/hQNu1jpaKZDPFc26T28qSwyKGSRGDKwPQgjqKittQs721NzZ3cFxACQZYpAyjHXkccUDLFFUrLWdM1KR49O1G0u3j++sE6uV+oB4p82qafbX0VlcX1tFdzDMcDzKsjj1Ck5PQ/lQK6LVFUhrWlm0muhqVn9nt22TTeeuyNuOGbOAeRwfWo5PEOiwpA8ur2CLcDMLNcoBKPVeefwoC6NGigEEAg5B6Gs9Nf0eS++xx6tYtdZx5C3KF8+m3OaBmhRQSAMngCqFvr2kXd2bW01WxnuAcGGK4Rn/IHNAF+ivOfjLqd/pegadJpl9c2bvd7Wa3maMsNp4JBHFeipzGufQU7aXFf3rC0VzusaL4lvdSabSfFn9mWxUBbf8As2ObaccncxzzXD+EtQ8a+KdU1iz/AOEv+y/2ZMIt/wDZkL+blmGcYGPu+/WhK4pSt0PWqKyLe6Hh/SIV8Ua9bTTFiv2u4CWwkOSQAucZA9PSr8eoWc15JaQ3cElzEu54VlBdB6lc5ApWHfuWKKzj4i0QXYtTrFgLgnAhN0m/PptzmrV5fWmnWxuNQuobWBSAZZ5AignpyeKB3J6KoPrukRvAkmqWSNcqGgDXCAyg9CvPIPtV5mVFLOQqqMkk4AFAC0Vm23iPRLy7W1tNZ0+e4YkLDFdIzkjrgA5rSoC4UVwWreJdWtvjJpWhQXe3Tbi33yweWh3NiTncRuH3R0PatX4jaxfaD4HvNQ0qfyLqNowkmxWxlwDwwI6GjZJ9/wDOxPMrtdjqKKxdH1qJfBumanrl9BAZ7WJ5Z53WJS7KD7AZPatGfU7G1sRe3V7bw2jAEXEkqrGQeh3E45pyVm12GpJq5Zorz/4uatdWXge2vNHv5rcyXce2e1mK70KMeGU8g8Gupsdc06O3sbW71O1W9lgjIhluFEjkqOxOTmhK6YnJJpeVzXooopFBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFU9W1ay0PS5tR1SbyLSHb5kmxm25YKOFBPUiua/4Wz4K/6DX/AJKzf/EU0m9iXJLdnY0Vx3/C2fBX/Qa/8lZv/iKP+Fs+Cv8AoNf+Ss3/AMRRyy7Bzx7nY15z8WZo4v7J82RUz52NzAZ+5XW6B4s0TxR9o/sK9+1fZtvm/unTbuzj7wGfunp6V558dNOuL/8AsL7MgbZ9o3ZbHXy/8KTuhqMZ6N2Xc9cry7wP/wAlk8WfRv8A0MV6jXBH4e6ta+KdS1vRPFP9ny6g5Lp/Z6S4UnOMs3t1wKcdJXfZkVE3FJd0dR4p/wCRP1j/AK8Zv/QDXC/D/R49f+C9xpkuP9IaZVJ/hbOVP4EA11Ft4c197DUbTW/FH9pRXlq8CD+z44fKZhjf8p+br0qz4N8M/wDCJeHU0r7X9r2yM/m+V5edxzjGT/OiytJd1+o3duLttf8AI8y8PeNJtP8AhbqOjMWGr2s32G2jz8x8wkDHup3/AJCrPxHt5/DHgDw94etMiCRtt0Ubb5jAAkE+hZifwrpz8LrM/EL/AISb7Z+6877R9i8jjzMdd+7+983Suk8TeGdP8V6O2n6mrbN2+OSM4aNh3H503K6T66X+X9MhQavHorpfP+kebz+HPEMuu6JfaL4Ih0E2Eq+ZJBfwt5seRkMBjPGeeSc1N49sYdS+M3h2zuwzQTW6rIqsV3DfJkZHY9K6nTvCPiCzENvP40u5rCHAWFbSNJCo6Ay8sfSp9X8F/wBq+OtL8R/b/K/s9An2fyd3mYLH724Y+96HpTuuaPa4uV8kl1aXbuUPiHpdhpXwt1eHTLK3s4mEbFIIlQE+YgycDk8dawtP8JaHN8FXvbixha7fT3uDdyDMiuqkrhjyAMAYHFdP8Uv+Saat/ux/+jFrmvD/AIL1LXfh7ptsvii6t9MuYA01mbdH75Kq/DKvtyKlXcZeqLdlOOnf9DEGv6pB+z+hSWQM10bMSgnIhyTjPp/D9OK3tS8F6BD8GzcRWVuLqPT1uVvAg8xn2hvvdSCeMdK7T/hENIPhEeGzATp4j2Yz82c535/vZ5z61zbfDTUJdLXRbjxbeSaGpAFmLZA+0HIXzepHtjHtVSafNbr1/r7yIwa5b62X9f5HG6/4l1W5+CWjebNJuu52t55snMiIWwCffAz64rovHvg/QtJ+GhudNs4La6sRE0V1EoWRzuUElhyc5zzXZaj4N0fUvCieHpYDHZRKBF5Zw0ZHRgT35PXrk1z8nw2vr+0t9N1vxXd3ukW5BS0W3SNiB0DSAkt+NDabdtNbgotJXV9LHJfEDULjVfhP4Xvb0k3Esil2PViEYbvxxn8a9pj/ANWv0Fcr4x8CQ+KdDsNMtrtdNhsnDRhYfMG0LtC43DFdWo2qB6DFEpJp27v9Coxaav2Fry34Sf8AI0eMP+vtf/Q5a9SrlvCXgv8A4RbVNYvPt/2r+05hLs8nZ5WGY4zuOfve3Spi7X9P1RUk3a3c5j46c+G9M/6/P/ZDXa22k6F4Y0me7is4LWOOAm4uAn7x1AySz/eb15NUvHXgz/hNNNtbT7f9i+zzebu8nzN3BGMbhjrW9qGnQappNxp12C0FxEYn2nBwRjj3pX9xpb/8BBb37ni3iK50/VfAl3deH/AcVppkZVY9Wdo45Fw4GduNzZ6dT19q2vEk0lx+z1YyTOzuY4AWY5Jw4H9K1Y/hbdjw/NoMviq7bSiS0Nslsi7TncNzclhnnHAzV6T4fXFx8O/+EWudbMoWRTHc/ZANiKQQu0Nz35J71UrWaXdMzUZXu10a/wAjkfEPhnSbL4HW2oRWcbXzw20xunGZcsVBG7rtwcAdMAV0+q6Pqfij4N2Fpp02buWzt5GDvjzsKCVJ9/etbVvBv9qfD6Hwx9v8ry4YYvtPk7s+Xt527h12+vFXP+EfuI/CtjpNnq1xZzWcUaJdwIAWKLjlTkEH0/WnJpqXrp6FRi016WOB8Ja/pWiatp+jeJPCEOi6qAsUF6tsv71vu7t2M89MgsOetes1xcXgG6vdcs9T8VeIJtZawbfbRC1SBFbOckL15APboK7SlJ3V+o6cXHToeReMbe8u/jppMOmX39n3T2Y8u58kS+X/AK3Pyng8ZH41J8RtF8TWfge8n1Xxb/aVqrR77b+zYod/zjHzKcjB5rsL7wX9t+Idj4o+37PskPlfZvJzv4cZ3buPv+nar3i7w7/wlXhq40n7V9k85kPm+XvxtYN0yPT1pX91Jf1qLlu5P+tjhPGn/JBNK/64Wn/oIq146/5IXaf9cLT/ANlrqr7wda6l4Fg8NXs7skMEcS3CLtO5AAGxz6dPeuevvhfeap4dj0vVPFNzci2Crak2yrHEBxygbLnHGS3GTTk03LzlcXK1b/DYyPiT/wAkZ0L623/olql8a+E9DsfhN9sgsoY7yKOGUXWMyu7MoO5+pzuPBrqPEngb/hIfBlhoH9o/Z/sZiPn+Ru37EK/d3DGc561Qv/hteapb2+nah4qvZ9GgKlbR4E8w4HAMowT+INNtNuz3dwUWlG6vaNvmbvga8uL/AMC6Tc3rM07243M3VscAn6gA1v1Fa20NlaRWtrGI4YUCRoOiqBgCpamTTk2i4JxikwooopFhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBjeLJ/s3he7m/sX+3duz/iX7N/nfOo6bWzj73Q/drzX+3f8Aqi//AJJf/aK9R8Qwavc6DcReHLqK01JtvkzTDKr8wLZ+Vv4cjoetcP8A2J8W/wDoaNJ/79L/APGKuNrGU730Mb+3f+qL/wDkl/8AaKP7d/6ov/5Jf/aK2f7E+Lf/AENGk/8Afpf/AIxR/Ynxb/6GjSf+/S//ABiq0/q5Gvn9yNnwBf8A23+0P+KL/wCEW2eX/wAsfL+0Z3f9M0ztx7/e7Vzvxq1VdM/sTdEZPM8/o2MY8v8AxrrvCFj4ts/tn/CY6paahv2fZvsygbMbt2cIvXK+vTtXK/GTTINR/sb7Rv8A3fn42nHXy/8ACs5XvobR5Ev3mx6fRXzX/wALZ8a/9Br/AMlYf/iKP+Fs+Nf+g1/5Kw//ABFX7KRl7eJ9KUV81/8AC2fGv/Qa/wDJWH/4ij/hbPjX/oNf+SsP/wARR7KQe3ifSlFfNf8Awtnxr/0Gv/JWH/4ij/hbPjX/AKDX/krD/wDEUeykHt4n0pRXzX/wtnxr/wBBr/yVh/8AiKP+Fs+Nf+g1/wCSsP8A8RR7KQe3ifR11aW19bPbXtvFcwP9+KZA6tznkHg8063toLS3S3tIY4IYxhI4kCqo9ABwK+b/APhbPjX/AKDX/krD/wDEUf8AC2fGv/Qa/wDJWH/4ij2cg9vE+lKK+a/+Fs+Nf+g1/wCSsP8A8RR/wtnxr/0Gv/JWH/4ij2Ug9vE+lKK+a/8AhbPjX/oNf+SsP/xFH/C2fGv/AEGv/JWH/wCIo9lIPbxPpSivmv8A4Wz41/6DX/krD/8AEUf8LZ8a/wDQa/8AJWH/AOIo9lIPbxPpSivmv/hbPjX/AKDX/krD/wDEUf8AC2fGv/Qa/wDJWH/4ij2Ug9vE+lKK+a/+Fs+Nf+g1/wCSsP8A8RR/wtnxr/0Gv/JWH/4ij2Ug9vE+lKK+a/8AhbPjX/oNf+SsP/xFH/C2fGv/AEGv/JWH/wCIo9lIPbxPpSivmv8A4Wz41/6DX/krD/8AEUf8LZ8a/wDQa/8AJWH/AOIo9lIPbxPpSivmv/hbPjX/AKDX/krD/wDEUf8AC2fGv/Qa/wDJWH/4ij2Ug9vE+lKK+a/+Fs+Nf+g1/wCSsP8A8RR/wtnxr/0Gv/JWH/4ij2Ug9vE+lKK+a/8AhbPjX/oNf+SsP/xFH/C2fGv/AEGv/JWH/wCIo9lIPbxPpSivmv8A4Wz41/6DX/krD/8AEUf8LZ8a/wDQa/8AJWH/AOIo9lIPbxPpSivmv/hbPjX/AKDX/krD/wDEUf8AC2fGv/Qa/wDJWH/4ij2Ug9vE+lKK+a/+Fs+Nf+g1/wCSsP8A8RR/wtnxr/0Gv/JWH/4ij2Ug9vE+lKK+a/8AhbPjX/oNf+SsP/xFH/C2fGv/AEGv/JWH/wCIo9lIPbxPpSivmv8A4Wz41/6DX/krD/8AEUf8LZ8a/wDQa/8AJWH/AOIo9lIPbxPpSivmv/hbPjX/AKDX/krD/wDEUf8AC2fGv/Qa/wDJWH/4ij2Ug9vE+lKK+a/+Fs+Nf+g1/wCSsP8A8RR/wtnxr/0Gv/JWH/4ij2Ug9vE+lKK+a/8AhbPjX/oNf+SsP/xFH/C2fGv/AEGv/JWH/wCIo9lIPbxPpSivmv8A4Wz41/6DX/krD/8AEUf8LZ8a/wDQa/8AJWH/AOIo9lIPbxPpSivmv/hbPjX/AKDX/krD/wDEUf8AC2fGv/Qa/wDJWH/4ij2Ug9vE+lKK+a/+Fs+Nf+g1/wCSsP8A8RR/wtnxr/0Gv/JWH/4ij2Ug9vE+lKK+a/8AhbPjX/oNf+SsP/xFH/C2fGv/AEGv/JWH/wCIo9lIPbxPpSivmv8A4Wz41/6DX/krD/8AEUf8LZ8a/wDQa/8AJWH/AOIo9lIPbxPpSivmv/hbPjX/AKDX/krD/wDEUf8AC2fGv/Qa/wDJWH/4ij2Ug9vE+lKK+a/+Fs+Nf+g1/wCSsP8A8RR/wtnxr/0Gv/JWH/4ij2Ug9vE+lKK+a/8AhbPjX/oNf+SsP/xFH/C2fGv/AEGv/JWH/wCIo9lIPbxPpSivmv8A4Wz41/6DX/krD/8AEUf8LZ8a/wDQa/8AJWH/AOIo9lIPbxPpSivmv/hbPjX/AKDX/krD/wDEUf8AC2fGv/Qa/wDJWH/4ij2Ug9vE+lKK+a/+Fs+Nf+g1/wCSsP8A8RR/wtnxr/0Gv/JWH/4ij2Ug9vE+lKK+a/8AhbPjX/oNf+SsP/xFH/C2fGv/AEGv/JWH/wCIo9lIPbxPpSivmv8A4Wz41/6DX/krD/8AEUf8LZ8a/wDQa/8AJWH/AOIo9lIPbxPpSivmv/hbPjX/AKDX/krD/wDEUf8AC2fGv/Qa/wDJWH/4ij2Ug9vE+lKK+a/+Fs+Nf+g1/wCSsP8A8RR/wtnxr/0Gv/JWH/4ij2Ug9vE+lKK+a/8AhbPjX/oNf+SsP/xFH/C2fGv/AEGv/JWH/wCIo9lIPbxPpSvPPit/zCv+23/sleXf8LZ8a/8AQa/8lYf/AIiqWoeLPEPijy/7Wv5rj7Nny/Kt8bd2M58vb/dHXPt3p+zaInWjKNjW8DahE2gahothrK6Brl3PG8F+7mNZUUcwmVeY+ec9CRilsfBOp6nd+IL7xHp+oT3enSKsthp0aCaaZzxjarKFx8xYKc5465rmNKvdHt4SmsaRNeMJQ6S2955DY7o2UcFe/AB68+m7c/EGTVNV1qbWtNS5sdYWNZbWGUxNF5YxEyOQ2CvuCDk8Vq1rdb/8N/Xqcq2t/X9f8N6att8O9Mi8ZXVhrE+oW2nLo51VBtVbiJcA7JARjcPmBAAyR26ViXGgaTqPhG51nw3HfLLa36W8ttczpK3lOv7t/lReS4IxzUOmeKbLRtRv5tM0cxW93pklgI3ui7guBmVm24Y5HQKo6dOpTwX4vPhHULiaSxXULe4jUNbtJsG9HDo+cHoV/Wizvr/Wv+WhTtbz/wCB/ndm5qvhXTdJ0LxVDaTSSzaT9hild1icPM5Pm7W2bkUHjCsOnJPQUfE3hrQvCiwaZqMmozavJZLcSTwtH5EUjcrH5ZGWGOC28eoB6VlQeKJU0DXtPuIPPl1qaGZ7gyY2Mjs5+XHOS3qMe9XNX8XWXiC1t5da0dp9Wt7X7MLuO7KRygDCM8e3JZfZgCeoxxRLm/L8v8/6sGnN/Xf/ACOguPhd9ntLu2e01Vby00w3z6kygWTyABzCo2c/Kcbt/wB4H5cVlyeD7BPAFtrcEWo37zQyNPc2UkckVnKpyI5Y8bgCuMsWGMg4PQ0NT8U6frcUdzq+jPPq0dqLc3KXeyKUhSqSPGEyWAx0cAlRkYyKXQvF1t4et5ZtO0po9Tks3tDOLs+Syt1doipJbH+2FyAdvHKlzWdv63/4H/B1BW938fw/4P8AwNDl6KKKsQUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFb/hk4+1f8A/rWBVuy1b+y9+IfN8zH8WMY/D3qZbAtypRXd+DfD0Gp+C9Yv4vD41vUra5gjghJmICtndxE6n8T0rP8SaDpK+Nr2w0W/tLOxhQPJJc3BaOFtoLRqwBaTDHaMAt+RNPmXNy/wBbJ/qC1V/63scpRXdaD8O47nxfp+l6xqcH2S/smvLee0Z8zpsYjbuj4IK8hgOAcc4qxofhuxvPh74k23mlyPbXNuV1SRHVI0wSwUsgk56bQuSeADQ3ZX/rewdUv62uee0V1dv8PNVu/Elpo1tc2Uj3tmL22uQ7iKWLaTkEqGB4IwVHP51Xh8HS3F1frBrGmSWWnRh7vUVeX7PGSxUKDs3MSRxtUg9jRcRzlFdKfAmrvrWn6faNb3a6lF59teROfIePGWclgCoXByCARjp0zDeeEbi30231Cz1Cx1KymufshntGkxFL1CsHRWGRyCARxTvd2Hsr/wBd/wAjAoruZ/hTq0F9e2X9raM13YxrNdQi5YeTETjzGYoFAA+YgndjnHIzlT+CNRTVNHs7We1vV1oA2dxAzCN/m2nO9VYY75H50k07eYm0r+RzdFaetaN/Y0yxjUbK/BZlZrR2OxlOCrK6qw+uMHsTg4zKE01dD2CiiimAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABUcyF9uO1SUjdqmfwgtztPDepacvgHWdIutXh029ubq3mgeaOYrhCSTmNGINb2peJPCuqeJLm4muba4vIdJit7bVb+zd4Z7pRh5XiCsSSpwNykAryDxXl1FNq7b7/5WEtP687nq8njDQIfF3hTVRqsU8dhZvYXggsmh8skSL5qoFC7Pnzhecfwg8VzEGo6ZpvgDxBoi6lFdXNxd28lu0MUgWVVyWILKMYz3x7Zrj6KTjdW/re/5lN3afb/ACseoad4v0ODxD4duZb7bDZeHjZTt5LnZNscbcbcnkjkce9c14b1bTz4U1rw7ql2tgL4xTwXbxu6LJGc7XCAtgg9QDg1ylFHKtfP/Nv82L+vwS/JHpdl4w0TSZtF0UXMl1ptvp1zZXd/FEww1ycsyKwDFUIA5AJ546Zy49U0nQPCLaPZ6rHqdxfajFcXEsEMixwxR9P9YqsWJOeARgVxFFO2t/63v+YnquX+trfkelX3izRZvEnjq6jvd0OrWRism8p/3rfLxjGV6HrisrUde0650vwdBbarPaTabBIlzPbxMZLZi+VI5XP4H/CuKoqY01Hlt0t+F/8AMGrtvv8Arb/I7Pxtrun6xpWn+ZPZ6lryvI95qdnbNAsqE/KrBkQuwx97aMDA55rjKKKpRS2G3cKKKKYBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFQ3BI24OOtTVXuyRsx71M/hBbnZaDoekT+CtW17Vo72drG4hiSG1uEhDB85JLRv0x6VJf+FtOvPCtr4h8NPd/ZzdCzvLS5KySQSnkMHAUMpBA5C8/Xi14aEV58MfEGmJeWUV5Pd2zxRXV5FAXVc5IMjKOKsfb7Tw34Gt/DpvrW6v7/AFKO8uvs0qyxW0a4AUyKSpYkZ4JAHX3NedrzX5K/6kXajf1/W36GQfh/rlzrmp6dpVnJcNphX7QZ3hhaMMMgt+8KjoejEDHJqjYeENa1My/YreGRY7gW3mG7hVJJT0SNywWRuOiE9vUV3ev61p73HxIa21K2b7b9lFsY51PngMN2zB+bjrjNZ+h6vaXHgXSbezt9Gm1TR72STytUuzbZDkMsiN5satgrgg5PA4xUU5SlFOXZGrSX3v8ABHHaZ4b1bV5LtLK0P+hLuunnkWFIOcfO7kKpz2JzwfStix+Huo3Wjazd3E9tZz6Y8SCCe4hQS7z97e0gCrggq3IfOFJrdj1eHX/DfizRZtQ0231W81IX6Seb5NvdAH5kR5CMcjKhiM5+tZuhwxW/hnxX4efUdO+3XUdpJCTeIsTlJNzoJWIQkBuxwcHBPWqUm07+X6X/AFBpdDD03wdrmr2sNxZWsZjuJGigMt1FEZ2XqIw7AvjOPlzzxRpfg7XtZhvJrGxzHYMVummmSEQEAk797DGNpyT0xXUsLfxHZ+EJrLV7CxGlRi2vI7m8jha3ZJNxlUMwLhgc/Jk5GKn1vxHpuq+G/HEtncwxf2hqkElvCWCPMgY5cIeTnAY8cZ5ocml/XdL8b3+RPVf10b/C1jirvwtrFje6faT2gMupBTZ+XMkizBm2jaykjr71n3tnPp99PZ3ahJ7eRo5FDhgrA4IyCQefSvUPBus2bfD1tW1A5vvCDSGyyMh/PUiMNnriTJ46YFeVySPNK8krF3dizMTySepqtebl/ry/DcenLf8Arz/4AyiiimIKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKrXn8H41ZqtefwfjUz+EFuWaK6TRPDVlqHhfUtc1LUp7SCwmiiMdvaCZnL5weZEAxisq/sI44zd6aL2403eIhd3Fp5IMmMlOGdc45xuzjtTur2EtVcoUVej0bVJri2t4tNvHmu08y3jWBi0yc/MgxlhweR6GkOjamt7PZtp12Lq3QyTQGBt8SgZLMuMgAEHJpjKVFa3/CLa6upWdjcaRfW1xettgSe2dDJ0yQCMkDOTjOKs6x4K17RfEH9jz6dcT3LMywm3gkZbjaMkx5UFgPUCi6EYFFT3dnc6fdPa39vLbXEZw8UyFHXjPIPI4qCgZdGr3w0M6OJ8WDXH2kxBF5k27clsZPHbOPaqVFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVWvP4PxqzVa8ONn41M/hBbnqHgldSf4X+Ixotj9uu/tltth+xLdZHOT5bKwP1xxS+GrDUtZOs+Ddds20281NEvbNJbUW4SWM87YwqgBk3DIA+7Xm9FOy5m+/+S/VXErpWX9f1seuWerafrmveLNOtYZJW+wJYaXBbXAikmghbDxxuVYZcLu24ORkVNouo3sXicudJudEuNP8KzxwrcziSciPOx3+VSp44BUcAEcEV47RUuF1Zv8ArX/M0jJJ7df8tPwO+trs/wDCqtPu7yVn2eJy7yOSxx5Ssx/PJrZ1VtW0r4w6zdW2hnU7fUopQtu7mP7bbsq7vJYHLNj+5uPXjivKKKqUU3f+tkv0M1p/Xm3+p1Pj7S7fSdYs4ba6vZA9jE5tL9w01jkcQtjpgcgYGARxXLUUUJWG3cKKKKYBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVVvv4Px/pVqqt9/B+P9KmfwgtzYh0e+uNGutVhg3WVo6RzS71Gxm+6MZyc+wqCKyuri2nuILaaWC3AM0qRkrECcDcRwMngZrr9F/wCSN+Jv+v60/mar+GbK1uPAPjC4ntoZZ7eK1MMrxgtETKQdpPIyODik5ayXa35J/qEPet5/52ORrVl8P3UPhW319pITa3Fy1sqBjvDKMkkYxj8a9REGmN8QvDnhxdD0pbG90tHuz9ijMkzNAxzvIyhG0HK4Ockk9o/COh2er/DiwjvE+1fY9Tup4dP3bWvnSMYiBPA9T3wDgehKVk32/wA7MSu1Frr+qbR47RXb+GtR0q41HWxrg0/StUuwq2U0+mo9rbOH+ZDFtKpkALu2naNxPOc4HivTLrSPFN9Z39tbWsySZMdoSYQGAYFMknaQQR6Z7dKd9irGPRRRVCCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKqX+f3ePf8ApVuqt9/B+P8ASpn8ILc6DS/E2qaNYXFlYyQG1uXV5obi0inV2XocSK3TNLL4o1SW2vbcPbQQX0aR3EVtZwwrIEYsvCIACCeo5PesiiqsmC02NoeLtbGuWmsC9/0+yiWGCbyk+RApUDGMHgkciq48Q6qum29gl46W9tcm7hCKFaOU/wAYYDdn8azaKLL+vv8AzF5G6/jLWpNQuryWe3klu8faFeygaOYg5DNGU2FgSfmI3cnnmsvUNQu9V1Ca+1Gd7i5nbfJK55Y/0HbHQDiq1FFkO7CiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACqt9/B+P8ASrVVb7+D8f6VM/hBblqiiiqAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAqrffwfj/SrVVb7+D8f6VM/hBbn//Z)

Figure Drop down menu open

While this may be adequate, it seemed relatively simple to change this to emulate the ‘sliding menus’ design sketched in TMA01 by having it transition horizontally rather than vertically. This opens and closes by tapping/clicking the ‘hamburger’ icon, though the original concept conceived of it also opening using swipe gestures, this is something that could be added later in the project. Placeholder buttons for the service tags and a placeholder container for the map (which has a green colour, so it is visible for development) were also added. This is shown in figure 8.

![Graphical user interface, application

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDoRXhpZgAATU0AKgAAAAgABAE7AAIAAAAKAAAISodpAAQAAAABAAAIVJydAAEAAAAUAAAQzOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAERheW5lc3RhcgAABZADAAIAAAAUAAAQopAEAAIAAAAUAAAQtpKRAAIAAAADNjkAAJKSAAIAAAADNjkAAOocAAcAAAgMAAAIlgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADIwMjM6MDU6MDIgMjA6NDQ6MjEAMjAyMzowNTowMiAyMDo0NDoyMQAAAEQAYQB5AG4AZQBzAHQAYQByAAAA/+ELHGh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iLz48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdGVEYXRlPjIwMjMtMDUtMDJUMjA6NDQ6MjEuNjkzPC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyI+PGRjOmNyZWF0b3I+PHJkZjpTZXEgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOmxpPkRheW5lc3RhcjwvcmRmOmxpPjwvcmRmOlNlcT4NCgkJCTwvZGM6Y3JlYXRvcj48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAcFBQYFBAcGBQYIBwcIChELCgkJChUPEAwRGBUaGRgVGBcbHichGx0lHRcYIi4iJSgpKywrGiAvMy8qMicqKyr/2wBDAQcICAoJChQLCxQqHBgcKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKir/wAARCAGwAToDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwDR+GXw/wBG1z4c6XqF61yJ5hLu8uQAcSuo4x6AV1f/AAqnw9/evP8Av8P/AImmfBr/AJJHov0m/wDR8ldxWv1istFJnbBe6jiv+FU+Hv715/3+H/xNH/CqfD3968/7/D/4mu1oo+tVv5mVY4r/AIVT4e/vXn/f4f8AxNH/AAqnw9/evP8Av8P/AImu1oo+tVv5mFjiv+FU+Hv715/3+H/xNH/CqfD3968/7/D/AOJrtaq/2pYf2l/Z/wButvtu3d9m85fMxjOduc4xR9ar/wAzDQ5T/hVPh7+9ef8Af4f/ABNH/CqfD3968/7/AA/+Jrtaq2OqWGpo7abfW14sbbXNvMsgU+hweDR9ar/zMNDlP+FU+Hv715/3+H/xNH/CqfD3968/7/D/AOJrtaKPrVb+ZhY4r/hVPh7+9ef9/h/8TR/wqnw9/evP+/w/+JrtaKPrVb+ZhY4r/hVPh7+9ef8Af4f/ABNH/CqfD3968/7/AA/+JrtaKPrVb+ZhY4r/AIVT4e/vXn/f4f8AxNH/AAqnw9/evP8Av8P/AImu1oo+tVv5mFjiv+FU+Hv715/3+H/xNH/CqfD3968/7/D/AOJrtaKPrVb+ZhY4r/hVPh7+9ef9/h/8TR/wqnw9/evP+/w/+Jrp9Y1mw0DTXv8AVp/s9shCtJsZsEnA4UE1Ys7uC/sYLy0fzILiNZI3wRuUjIODyOKPrNffmYaXsch/wqnw9/evP+/w/wDiaP8AhVPh7+9ef9/h/wDE109/rmk6XIsep6nZ2buNyrcXCRlh6gEiqv8Awl/hr/oYdK/8DY//AIqj61X/AJmGiML/AIVT4e/vXn/f4f8AxNH/AAqnw9/evP8Av8P/AImursdTsNUhaXTL23vI1baz28qyAH0JBPNWqPrNf+ZhocV/wqnw9/evP+/w/wDiaP8AhVPh7+9ef9/h/wDE12tFH1qt/MwscV/wqnw9/evP+/w/+Jo/4VT4e/vXn/f4f/E12tFH1qt/MwscV/wqnw9/evP+/wAP/iaP+FU+Hv715/3+H/xNdrRR9arfzMLHFf8ACqfD3968/wC/w/8AiaP+FU+Hv715/wB/h/8AE11d1qlhYzww319bW0twdsMc0yo0hyBhQTz1HT1qeeeK1t3nuZUhhjUs8kjBVUDqST0FH1qt/Mw0ON/4VT4e/vXn/f4f/E0f8Kp8Pf3rz/v8P/ia6+0vLa/tVubG4iuYHztlhcOrYODgjg81NR9Zr/zMNDiv+FU+Hv715/3+H/xNH/CqfD3968/7/D/4muq1XVbPRdMm1DU5vItYQDJJtLbckAcAE9SKdp2oWuq6dDfWEvm2067432ldw+hANH1qv/Mw0OT/AOFU+Hv715/3+H/xNH/CqfD3968/7/D/AOJrtaKPrVb+ZhY4f4Nf8kj0X6Tf+j5KXxDqnxEtteuIvDmg6fd6au3yZppAGb5QWz+9X+LI6DpSfBr/AJJHov0m/wDR8lZvizSftPii7m/4Wd/YW7Z/xL/tOzyfkUdPNXGfvdB96sl8TMteRWD+2/i3/wBCvpP/AH9X/wCP0f238W/+hX0n/v6v/wAfrG/sL/qtH/k7/wDb6P7C/wCq0f8Ak7/9vqtP6uTr5/ejZ/tv4t/9CvpP/f1f/j9elV45/YX/AFWj/wAnf/t9ex1EjSF+oV5d/wA3HD/rz/8AaVeo15PeX1pp37QhuNQuobWBbTBlnkCKCYuOTxSj8S+f5MVX4fmvzR6wehrzn4faxp7eG9cvPDnh37G9tIWNt9teT7QwXP3mHy+nQ12lp4i0XUbgW+n6xYXU7AkRQXSOxA68A5rgPgh/yCdZ/wCvwf8AoNCTtL0/UptXj6/ozr/Bfi+DxhoJ1GOH7K8cjRywmTfsI5HOBkEEHpVaw8eWdx4b1HX723NrptpO8UMm/e1yAcBgMDGScAZP1rzDU7u/8B+LPEWg6ZExTWUAtAvG0uflI+gZ1+oFdj468KTWvwht9L0tGkOnGOSRYxzIADvOPqxb8KJW5eZbO3/B+79SYylfle6v/wAD7/0LY+Jk9rFZ3+teG7rT9HvXCwXxnVzzyC0YGVGOevTpmtLxr46Twc+mbrE3iXzspZZdvlgbeQNp3fe6cdK4XTdM8H694TtG1jxxqiKI1Mljc6mgEbqMELGy9B2x2q98VBGLjwYIHZ4hP8jt1ZcxYJq+Vcyj5kKcuRy8r/M7aHxHqR0zU9RvfD81jbWluZ7cz3Cb7gBSSCq5MZ4HXPWsDTfiZqWs6C+o6R4SurvyS3ngXSqiAf3WK5dsc4VeMius8U/8ifrH/XjN/wCgGvPfhl4t0PR/h1JFqOo28M9vJK7QSOA7g8jap5bPtms+kn2RrK6cVfe523h7xppniDwxJraMbaG3DfaVl6wlRk5x1GOc1gx/Eq/vbGbVdJ8J3d1o0Bbfdm5RGIXqRHgkgexrk/Bvh7Ub74R+I2gidX1Bt1tGBzIE5OPryv4VueDfGWg6b8LFt768ggurOKWOS0dwJHbLEYXqc5HSqmkuZrpbQiMnLlTe99fT+rnY2fjLR7zwk3iNJylhGpMm8fMhHG0j+9nAx3yK50fEvUDpZ1tfCV4dDBz9s+0pv25xu8rrj3zj3rjdI8M6rN8C9S2Qyb7i6W7ihwdzxrtBIHvgn3xXQxeM9AHwY+zm+txdDTTafZN48wybNn3euM856U5JLmt0t/X6BGTly30v1/r7y58StVtNb+EUmo6dJ5lvcPEyNjBHzgEEdiDxXWeD/wDkSNE/68If/QBXlt3pl3pf7PBjvkaOSa5WZY3GCqtIMfn1/GvUvB//ACJGif8AXhD/AOgCnZKMku6/IUZOUot9v1Ld/oek6pIsmp6ZZ3joNqtcW6SFR6AkGvLfD2h6TP8AG/XrCbTLOSzityY7d7dDGhzHyFxgdT+dewV5b4Z/5L94i/69T/OKpp/H8mXUS5V6o6zxFqNh8P8AwrPqGmaPbiNZF3W9uFgDFiFySFPP4UeHfFWoeIWtJ4fD89vp08O97yadQFbbnaqfeYZ43YGetZnxg/5Jvd/9dov/AEMVveE2KeA9HdVLsunQkKO/7scUlbllJ9H+g3fnUV2/UydW8Ya9py3VzD4OuZtPtS5e4kvI42KqeWEeCxGBn6Vdi8aWl34Dm8T2EDyxRQvIYJG2NuXqpPOPrzXl8OvN4m8O65qPifxbd6fdRCSODSrecQq3y8KUxlwSdpHXg5NafhS4hk+AeswRyo0sUc5kjDAsmemR2zQ1aL8kSp3krbO5vQfFG8vfDJ1qw8LXM8EAJu2+0qqQgH+FiMucYJwvGetdPbeLtOufBg8TfvEsvJMrKR8wwSCuPXIxXG+Hv+Td7j/ryuv/AEJ6ueBhph+CtsuulV090lWcvkAKZWHUcjk9e1VUilzJdP8AgihJvlu9y9o3jTX9dFtdaf4Pc6ZcSALdyajGpCbsFtmM8c8d8V2leG38n/CCXVpL4C8WLqkFxOE/soSrP19lOOTx0U8969wQs0al12sQCR6GlJK10OEnez3PLfixLHB4y8HyzOsccdwWd3OAoEkeST2FdF4w8UeH7rwVrEFtrmmzTSWcqpHHdxszEqcAAHk1zvxYijn8ZeD4pkWSOS4KujjIYGSPII7iui8YeF/D9r4K1ie20PTYZo7OVkkjs41ZSFOCCBwaT/ha+Y9fau3l+Rm+CdX/ALB+CMGqeR9o+yxzSeVv27v3rcZwcflW9a+MftPw7bxT9h27YHm+y+dn7pIxv2+3pXJaNE837OcqRIXb7NOcKMniVif0FULPxNpMHwJ/s0Xkct/JbSxfZYjukUlmOWUchQOcnjFVV+Kf9dyKbsorpr+hveKtc/4ST4H3erfZ/s32mNT5W/ftxMB1wM9PSqPh/wAa6hovw70+4s/DN1fWFnAFuLszLEBg8lVILMB64A4NV3/5Nr/7Yj/0oqWy8X6HbfBP7K+oW7XgsHtvspceYXIKj5euOc56Yol7vPbowg+bkcnun+h6LoWt2niLRbfU9PLGCdcgMMMpBwVPuDWRd+PdLs72e2ljnLwyNG2F4yDg/wAqpfCbTbjTfh9ai7Rke4kedUYYIVjx+YGfxritdgmPiLUiInIN3LghT/fNEopSaQvaS5Ezsfg1/wAkj0X6Tf8Ao+StPVvh74X1zVJtR1TTPPu5tvmSfaJVzhQo4VgOgFc18JfEmh2Hwt0i2vtZ0+2nQTb4prpEZczORkE5HBBrsf8AhMPDP/QxaT/4HR//ABVLVPQuPK4JMx/+FTeCv+gL/wCTU3/xdH/CpvBX/QF/8mpv/i62P+Ew8M/9DFpP/gdH/wDFUf8ACYeGf+hi0n/wOj/+KovIfLDyMf8A4VN4K/6Av/k1N/8AF12NY3/CYeGf+hi0n/wOj/8AiqP+Ew8M/wDQxaT/AOB0f/xVJ8z3KXKtjZrOvPD2i6jcm41DR7C6nYAGWe1R2IHTkjNV/wDhMPDP/QxaT/4HR/8AxVH/AAmHhn/oYtJ/8Do//iqVmO6LFn4d0XTrkXGn6PYWs6ggSwWqIwB68gZqex0uw0xHXTbG2s1kbc4t4VjDH1OByaof8Jh4Z/6GLSf/AAOj/wDiqsQeINGuRm21ewmH/TO5Rv5GnqK8UTXGk6dd3sV5dWFrPdQ48qeSFWePByMMRkc88Vbqp/a2nf8AP/a/9/l/xo/tbTv+f+1/7/L/AI0tQuiI+H9GN59rOkWP2nOfO+zJvz67sZqa80vT9ReFtQsba6aA7ojPCrmM8crkcdB09KT+1tO/5/7X/v8AL/jR/a2nf8/9r/3+X/GjULxItftZr3w3qVrbJvmntJY41yBuYoQBk8dTXLeAvBwsvBlvY+KdHtZLmGaR1S4SObYCeCDyK67+1tO/5/7X/v8AL/jR/a2nf8/9r/3+X/Gmrq4nyu13sWkRY0CIoVVGAoGABVGfQdHubz7Xc6VYzXOc+dJbIz/99EZqT+1tO/5/7X/v8v8AjR/a2nf8/wDa/wDf5f8AGlqO8S3WedB0c33206VYm6zu8/7Mm/Pruxmpf7W07/n/ALX/AL/L/jR/a2nf8/8Aa/8Af5f8aNQvEkvLG01G2NvqFrDdQMQTFPGHUkdODxUkMMVvAkNvGkUUahUjRQqqB0AA6Cq/9rad/wA/9r/3+X/Gj+1tO/5/7X/v8v8AjRqF0W6qxaXYQahJfw2NtHeSjElwkKiRxxwWxk9B+VJ/a2nf8/8Aa/8Af5f8aP7W07/n/tf+/wAv+NGoXRJeWNpqNsbfULWG6gYgmKeMOpI6cHipIYYreBIbeNIoo1CpGihVUDoAB0FV/wC1tO/5/wC1/wC/y/40f2tp3/P/AGv/AH+X/GjULoaNF0sXzXo02zF2/wB648hfMb6tjNJDoek21tPb2+l2UUNx/rokt0VZf94AYP40/wDtbTv+f+1/7/L/AI0f2tp3/P8A2v8A3+X/ABo1C8RY9MsIdOOnxWVslkVKm2WJRGQeo24xg5NPtrG0s7MWlnawwWyggQxRhUGeT8o47mo/7W07/n/tf+/y/wCNH9rad/z/ANr/AN/l/wAaNQvEjtdB0ixujc2WlWVvOessVuiMfxAzV+qn9rad/wA/9r/3+X/Gj+1tO/5/7X/v8v8AjRqF4i3Wl2F9PDNfWNtcy253QyTQq7RnIOVJHHQdPSp54Irq3eC5iSaGRSrxyKGVgeoIPUVX/tbTv+f+1/7/AC/40f2tp3/P/a/9/l/xoswuiW0s7WwtVtrG2htoEztihjCKuTk4A46mq0eg6PCk6xaVYotyCJwtsgEoPUNxz+NSf2tp3/P/AGv/AH+X/Gj+1tO/5/7X/v8AL/jRqF4h/ZOnf2b/AGd9gtfsOMfZfJXysZz9zGOvNRP4f0aR4Xk0mxdrdQsLNbITGB0C8cAe1S/2tp3/AD/2v/f5f8aP7W07/n/tf+/y/wCNPULxLdNMaE5KLn6VW/tbTv8An/tf+/y/40f2tp3/AD/2v/f5f8aVmPmR8fWf/HnH9KmqGz/484/pXq8c8niXwt/ZNtdXehXWn6UpuNNu4t1ncQKQxnXI+STnduIyeAG6muu9keaeXUV6rrnhLwtY3TabbxIbm1urNVeH7UzzxSEK5mZlES5zlShHpUOq+HfD2peIvEXhzQNHWxvbFN1jKbiWRpmRsyAgsV5U8DGRjqaXMgseYUV7BaeF9A1HTf7KtJJ4rSPXYbGWVbqTbMywje+wnYGZgQDj0xxWVpOgaLrHiLUYbjw6NNi0tLoqhmuTHcsmNqPjc+5Qdx2EEjGFo5gseaUV6RDpHhH+35HFoZrSbTYpIiY7sWUNyzbOWwJfLJGFbnliOcccX4l0xtG8TX+nvb/ZjbzFREJvNCjqMNgZGCOoB9eaadwMunxSyQyB4XaNx0ZTgimUUwPQPCHjH7TdR6drTLukO2K4PGT2Df416N/Zn+z+lfPQJBBHBHQ1794M8R2mpeELO41C8ginRTFL5siqSV4zz6jBppIwqXWqJ/7M/wBn9KP7M/2f0rS/tvRB11ew/wDAlP8AGk/tvQ/+gvYf+BKf40WRlzSM7+zP9n9KP7M/2f0rSGtaIemrWB/7eU/xqzDcWVycW9zBKf8ApnIG/lT5ULnkYn9mf7P6Uf2Z/s/pXR+StHkrRyi9oznP7M/2f0o/sz/Z/Suj8laPJWjlD2jOc/sz/Z/Sj+zP9n9K6PyVo8laOUPaM5z+zP8AZ/Sj+zP9n9K6PyVprpHGu6RlRfVjgUcqD2jOe/sz/Z/Sj+zP9n9K1ZNV0iI4l1OzQ/7Vwg/rUf8Abeh/9Bew/wDAlP8AGlZFc8jO/sz/AGf0o/sz/Z/StH+29D/6C9h/4Ep/jSjWdFY4XVrAn2uU/wAaLIOaRm/2Z/s/pR/Zn+z+lbsMtpc/8e9xDL/1zcN/KpvJWnyoXtGc5/Zn+z+lH9mf7P6V0fkrR5K0covaM5z+zP8AZ/Sj+zP9n9K6PyVo8laOUPaM5z+zP9n9KP7M/wBn9K6PyVo8laOUPaM5z+zP9n9KP7M/2f0roXSONd0jKq+rHAqnJqmkRHEupWaH/anQf1o5UPnbMr+zP9n9KP7M/wBn9K0f7b0P/oL2H/gSn+NH9t6H/wBBew/8CU/xpWQ+aR8xWf8Ax5x/StV9d1eXSxpkmq3r2AAAtGuHMQAOR8mccHnpWVZ/8ecf0qap6HYaD69rElnBaSarfPbWxVoIWuXKRFfulVzgY7Y6VEuq6gmpHUUvrlb4sWN0JmEpJGCd+c5IPrVSimBZGoXq2rWy3c4gaXzmiErbTJ/fxnG7361Zm8R63c3kF3caxqEtzbZ8iZ7p2eL/AHWJyPwrNooA0h4h1pdTOpLq9+L5l2G6Fy/mlfTfnOPbNUJppLid5p5GllkYu7uxLMxOSST1JplFABRRRQAV7Z8GtB0nVPCN1c6jp9vczLfOgeWMNhfLjOOfcmvE69z+Cuo2Vj4KmS9vLe2afVHSJZpVQyN5cXC5PJ56Cs6nwmtG3Nqd8PC+gD/mCad/4CR/4Uv/AAjGgf8AQE07/wABI/8ACrDatYrDeSJdRSiyBNwsTh2iwCSCByDweKjsNVN2225sbnT3OPLW5MZ8zIJ+Uo7Ang8Zz3xiufU7LIiPhbQCOdE07/wET/Cqlx4E8M3I/eaPAvvFmP8A9BIrVbV9NS5it31C1Web/VRGZQ0n+6M5P4VF/wAJBo3kTT/2tY+VblRNJ9pTbGW6BjnjPbNAWiYb+BvsnzaFrV/YsOkcj+dF/wB8t/jWXqfiS+8H+T/wmFrmykkEY1SyUtFGT0Mq9UHQZ6ZNdddeItHsjCLjUrVWuNnlL565cMQAwGeRyOau3NtDeWsttdxJNBMhSSNxlXUjBBHpVxnKJhUw9Kp01MqORJoklhdZI3UMrqchgehB7inVw/wsLW2j63pAkd7bRtcu9Ptd7ZIiRgVGT6bjXcV3Rd1c8OceWTiFZOpa6tndrYWVvJqGoyLuS1h7D1Zuij3Na1Zfw5hSXwwNWkG681GWSWeQ8k4dlA+gA6VnUm4rQ6MNRVWWuyGR+HfEGqDfq+sDToz/AMu2nL8wHvI3OfoMVYi+Hvh4MHurea+l/wCel1cO5P64/StnUtVg0trQXKyEXU6wKyAEKSDgtzwOPfrUJ8R6bFNeLd3CWcdpIsbzXLrHGzMM4VieehHbkGuRylLc9iNKnDRIjj8I+HohhdFsT/vW6t/MVJ/wi+gf9ATTv/ASP/Cpptb0q3uGt5tStEnSMyNE06hwoG4ttznGOc+lRQ+I9InSPydQtnllg89IFmQyMm3dkLnJ4qfMu0dhP+EY0D/oCad/4CR/4U1vCvh9hg6Jp34WqD+lXVvo2ktkCvm5jMicDgAA8/8AfQqvDr2nSNGkl1FbyzTyQRRTyKrytG5RtozzyO3qKNb2D3bXM+fwF4ZuPvaTCh7GJmjI/wC+SKqP4IltPm0LXb+0I6RTsJ4vptbkfnW22v6X5kkcN9bzyQyrFNHDMrNEScfMM/Lz6+lRWXifR7+SBIL6DdcIrwBpVBmznhRnJIxyO1NN7omUKb0kjldS8TXnhJoR4ytNlpI4jGqWal4EJ6eYOqfXpk100bpLGskTq6OAyspyGB6EGtW6tYL20ltbyFJ4JkKSRyLlXU8EEV5p8LC9vo+t6QJHe30XXLvT7Uu2SIkIKgn23GumlUcnZnl4rDxprmidxRRRXQcBk6nrqWd0tjZW8uoajIu5LWHqB6seij3NJH4d8Q6n8+r6wNOjP/Ltpy/MB7yNzn6DFP8Ah1CkvhkatIN15qUsks8h5Jw7KB9AB0re1HU/sDQxxWdxezzZ2Q25QNgdTl2VeMjvnnp1rinVk3oe1RwsIxvLVmNH8PfD4YPdwTX0v/PS6uHc/wAwP0q/H4R8OxDC6LYn/egVv5iraaxY+Zbwz3Edrc3Cb47W4cJKR3+QnJxg9PSpY7+zmkRIrqB3dBIirICWUgkMB3BAOD7GstTqSitkU/8AhF9A/wCgJp3/AICR/wCFH/CMaB/0BNO/8BI/8Klk1zS4phAdQtWuHi82OBZ1MkiYJyq5yRgE5q5DKJoUlXIV1DDPXBFBVkfG1n/x5x/SvQY/h1byaVDMusyLdS6QdV2SWYEKIP4Gl8zIPoduK8+s/wDjzj+leor8QtGbw7ZWN3/aV1Hb6SLN9MkgjNtJMB8su4uSpB6EJnjrXU720PNRx7eD9aTTRfvbQpb/ALreWu4g0QkOELru3ID6sAK6a2+F10n9v2t/NDLf6dbxy24tLyIxksRnzM8oADn5tvr05p+peMfC8/hDUNI0uyubH7XbwKiR2MICSREN88offJuOfmbp2U80mq+N9Eum8TT2q6gZddtYYxHJAirC6bc/MHO4HHXAPtSux6GDB8PfE9zqE9lBpoee3iSeQC4i2iN/uuG3bSp9QTiooPA/iC5tFubexSRJBI0SrcxF5wn3jGm7dIB6qCD2zXRXnj7TZ9N1S3hhvFe80a2sEJVQA8ZO4n5vukHjv7UzTvGuixNoGo30N+NR0K2MEdvCiGG4xnYS5YFOvPytTvIWhz1n4L1+/wBOivbWxDxTo8kKGeNZZlT7xSMtvfH+yDVi0+Hvii+s7e6tdM8yK5h8+DFxEGlTuVUtuOO4AyOM9a3bbx5o8l5ous6lBerqejwvGltbxp5FweShLlgUGWOflapYviNppurGee3ut8OizWEoSNcGVyTlfm+7z9fai8g0OXbwR4gXU47A2KmaW3NyjC5iMZiHV/MDbABj1rI1CwudLv5bO/i8qeIgOmQeoyCCOCCCCCOCDXYjxtZibw+0E2o2TabpjWcs0Mcb/Oc/8s2O2RD0KsVz+HPPeKtR0zVfEU93odj9is3VQsexUyQoBbYvyrk84HApq4GNXrnwu8MNrvg24livPIIvJYZEczbJEMcRwRFLHn8SR7V5HXsXwh8Y+HdB8L3NjretWVhcvetKsdzMEJQogB591P5VNTa5rRtzanq9pp5s9OktoZijPJK4kVRlS7s3Q5Bxu79cVi2/hW6tWM9rdaba3KyiRPsummKFjhgS8YlyzEMedw/Gpx4/8HEZHizQ/wDwYw//ABVH/CfeDv8AobND/wDBlD/8VXNre52e7sQw+G71bso93F9m2weaxtxvmaN2cbTu+TkjqG9sHmorLwvqK2WnyyXtvFeWMUa26mz3JHhSGVwH+c/McFSuPzzab4geDVGT4s0T8NRiP/s1Z158XfAdiCZvE1m+O0G6Yn/vgGndi91Kxqx+HJILVkgvEE7NC5keAldySGQ/LuBwSxwM8e9bFzcw2drLc3cqQwQoXkkc4VFAyST6VwL/ABWfU/k8H+FNZ1dz92eaL7Jbn/to/wDhVOXwv4h8YzRy/EHUIVsEcOuiabuWFiOnmyH5pO3HTNXGEpGE69KmtxPhZuuNH1vVxG6W2s65d6ha71wTE7AKcH12mu4pscaQxJFCixxooVUUYCgdAB2FOrtirKx4k5c0nIKy/hzMkXhgaTIdt5p0skU8Z4Iy7MD9CD1rUrG1nQGv5De6XevperKhSK9iUNj2ZDw49jWdSDktDow1ZUpa7M6DWNJGr26RGdodm8hlXJBKMoI9wWz+FZN94Pe5WJ4dRaG5TaTIBIgdsNvY+XIjfMWJ+9x71gR+MPG3h4eX4k8MLrkC/wDL9oT5dh7wPg5+hxVmD40eDDIItSvbrSbg/wDLHULKWJh+O0j9a5HFrRnrxqU56pnQWXhiOzs44ElQbJUkykZwNsIiwNzE9s8kntz1qkvhG9e7t5bvV1kS3QKkccMqDIj2Z2+aUPUnJUt/tYGKkg+JPgq4XMfivSB/10vET/0Iipv+E+8Hf9DZof8A4Mof/iqWruae6XLvw/ZagLJNSgt7yK1QqIriBXViQBuwc4PH61ht4CSOZDZXawQZYPbhZUjKGV5FULFKg48wj5gw4GAOQdD/AIT7wd/0Nmh/+DKH/wCKpr/EHwai5bxZon4ahEf5NRd3uK0bcvQZbeFLmPVzfXWp+eQw2pskwFDq2MNIyr93HyKo9uKsWnhxoLURz3Ucki/ZwJEg2/LC+5RgseSOOvXJxzise8+MHgKy/wBZ4ktpW6BbdXmJPoNimqL/ABSu9U+Twh4P1jUmP3bi7QWdv9d78n6YprmtZEylTjq2d9dXUFlaS3V5MkEEKF5JJGwqKOSSa80+Fge40fW9XEbpb61rl3qFqHXBMTkBSR77TTn8Ka74tmSb4h6lFJZqwdNE03clvkHI8xj80n04GRXaRxpFGscSKiIAqqowFA6ACuilTcXdnmYrERqLliOoooroOAy/h1MkXhkaTIdt5psskU8Z4Iy7MD9CD1rZ1zSpNWtkhRrMoDl4b6zFzE/odu5TkY4Occng8YwdZ0A38hvNLvZNL1VUKRXsShsf7ynhx7GsqPxf438PDy/EfhldcgX/AJftDkG8j3gfnP0OK4p0pJ6HtUcVCUbS0ZtyeC5PtltPFqA2xiIyRSCfYxjbcu1UmVQBxgMHxgVaTw5e2zLJY6jBHL53nu0lnuVnZCr8K68HK4Gflx1I6YcPxo8GeYItTvLvSLg/8sdRspYmH47SP1rXg+JPgq4XMfirSAP+ml4if+hEVm77HSuToMbwhcvcWpfVcwW0SIkYjkHKpsJIEuw55PKFhn72ABXSwReRbRRZ3eWgXOMZwMVh/wDCfeDv+hs0P/wZQ/8AxVH/AAn3g7/obND/APBlD/8AFUtSvdvc+U7P/jzj+lTVDZ/8ecf0qauxbHmhRRRQMKKKKACiiigAooooAK9g+E+jaXqng+6bU9NtLwi+dQbiBZMDy4+OQa8fr234M/8AIm3f/X+//ouOqjuY1vgOkPgfwmTk+F9GJ/7B8X/xNH/CDeEv+hX0X/wXxf8AxNbtFXZHHzPuYY8EeFFOV8MaMD6jT4v/AImtC00fTNPINhp1pbEdDDAqfyFXKKLIV2FFFFMQUUUUAFFFFABTJYYriMxzxpKh6q6gg/gafRQBjzeEfDdw2bjw9pUpPd7KNv5rUX/CDeEv+hX0X/wXxf8AxNbtFKyHzPuYX/CDeEv+hX0X/wAF8X/xNKvgnwqjZTwzo6n1FhEP/Za3KKLIfM+5VtNL0+w/48bG2tv+uMKp/IVaoopkhRRRQAUUUUAFFFFADJYY54zHPGkiHqrqCD+BrLm8I+G7ls3Hh/SpSepeyjb+a1r0Uh3aML/hBvCX/Qr6L/4L4v8A4mj/AIQbwl/0K+i/+C+L/wCJrdoosh8z7nyXZ/8AHnH9K9a1XXfEOnN4HtfD95dAzaXBizjkby5iTjDJ0ORxyDXktn/x5x/St2HxX4it7NbSDXtTitkTYsKXkgRV6bQoOMe1YWuekj1TUvDehXOoWlpbxFtPm8Tm3e3iuZBCB5WXVUDbVw2RkAEdM4rGt9H8IzLr2oPp1naW2l3sdmsN1cXTgR7sNK5iy25sEDooPr385g1bUbWKKK1v7qGOGXzokjmZRHJjG8AHhsdxzTrPWdU067kutP1K8tbiXPmTQTsjvk5OWByeeaOVhc73VPDeg6HpP2+y0WfXFutVe1SOYzwvDHj5VCjawdsjBYHp05q6mh6Lq03gvTptEtbNb6CWSd4vMWaQxlj5ZbOCWwASRn0I4Feb2uvaxZNcGz1W+tzdEtOYrl184nqWwfm6nr60xNZ1OOxjsk1G7W0ik8yOATsI0fOdwXOAc85oswPRvDnhjQfETaTeXmg/2Wsmqy2Utok822dBEz5BdiwZSMHBA68DpUej+GvDvjN500rTF0o6bqCm5H2iSQvZ4OSdzfeypyRjrXBz+I9cur2G8udZ1Ca5twRDPJdOzx567WJyM+1WNG8Rvo+mazbxweZcapbi3Nw0hHloTl+MfMWHGc8e9FmBn6pJaTatdSabD5Fm0zGCLJO1M/KMkk5xiqlFFUAUf29rGl/udM1W+s4m+cx29y8alumcAjnAHPtRVC//ANev+7/U1z4htU9DOp8Jf/4TDxN/0MWrf+B0n/xVH/CYeJv+hi1b/wADpP8A4qsaivN55dzmNn/hMPE3/Qxat/4HSf8AxVH/AAmHib/oYtW/8DpP/iqxqKOeXcDZ/wCEw8Tf9DFq3/gdJ/8AFUf8Jh4m/wChi1b/AMDpP/iqxqKOeXcDZ/4TDxN/0MWrf+B0n/xVH/CYeJv+hi1b/wADpP8A4qsaijnl3A2f+Ew8Tf8AQxat/wCB0n/xVH/CYeJv+hi1b/wOk/8AiqxqKOeXcDZ/4TDxN/0MWrf+B0n/AMVR/wAJh4m/6GLVv/A6T/4qsaijnl3A2f8AhMPE3/Qxat/4HSf/ABVH/CYeJv8AoYtW/wDA6T/4qsaijnl3A2f+Ew8Tf9DFq3/gdJ/8VR/wmHib/oYtW/8AA6T/AOKrGoo55dwNn/hMPE3/AEMWrf8AgdJ/8VR/wmHib/oYtW/8DpP/AIqsaijnl3A2f+Ew8Tf9DFq3/gdJ/wDFUf8ACYeJv+hi1b/wOk/+KrGoo55dwNn/AITDxN/0MWrf+B0n/wAVR/wmHib/AKGLVv8AwOk/+KrGoo55dwNn/hMPE3/Qxat/4HSf/FUf8Jh4m/6GLVv/AAOk/wDiqxqKOeXcDZ/4TDxN/wBDFq3/AIHSf/FUf8Jh4m/6GLVv/A6T/wCKrGoo55dwNn/hMPE3/Qxat/4HSf8AxVH/AAmHib/oYtW/8DpP/iqxqKOeXcDTs/8Ajzj+lTVDZ/8AHnH9K7K/8JabpthpLXGq3j3uq2iXEEEVihjBfgK0jTDHPfbXs3O05OitlPCWuSX17Zpp7tcWEiR3EYdcozNtUDn5iT0xmrR8A+JP7Qt7JNPWWe5MgiENzFIrGP767lYqGHdSc+1F0BzlFdVafDrxBdatZ2Dx2lu155nlTSXkbRkx/fXcjN8wPG3r144OKa+C9dexmvIrSKa3hZlMkV1E4kKruby9rHzMA87M459DRdAYNFFFMAooooAKoX/+vX/d/qav1Qv/APXr/u/1Nc2J/hmdT4SrRRRXmHMFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAGnZ/8ecf0r0HVvGFjqvhfTNNj1nXbAWmnrazWcMCtBO69z++Xg9OVNefWf8Ax5x/Spq9u1ztPRJ/ibGl1o95ZWrm5jnjudU8xQBcSJGIxtIJ427jyOpHpVm2+I2l2euW04kv7ixiluJRAunWtsIvMQqAFjPztzy5I6fdrzKilyoLndeH/G+n6Ra+GY57e6c6Tc3ElxsVfmWUEDbk8kZ6HH1pmkeJfD+l6VeabcnUdTsG80w2d1awlHdkwjhtxaBgSclC2eDx0riKKdkAUUUUwCiiigAqhf8A+vX/AHf6mr9UL/8A16/7v9TXNif4ZnU+Eq0UUV5hzBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBp2f8Ax5x/Spqhs/8Ajzj+ld38QP8AkF+Ef+wJF/M17Z2nFVOlldSWct3HbTPbQsFknWMlEJ6At0BNeseJ9F0SxXxLqd7pr6nNYJZrbi6vZ2wZFAO479xHOcZHTAIrYsvCWjta69o0ata6fNdWUwtxKSWJj3+UrMeCx4BJ79elTzBY8Ior0XQtB0nWTqFnP4fFlqst60NtbzyXCRoqxkmOOUbgJQRuPmAqR2GePPHRo5GRxhlJBHoRVJ3AbRRRTAKKKKACqF//AK9f93+pq/VC/wD9ev8Au/1Nc2J/hmdT4SrRRRXmHMFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAGnZ/8ecf0rdh8V+IrezW0g17U4rZE2LCl5IEVem0KDjHtWFZ/8ecf0qavb6HaXp9a1S6jmS61K8mS42+csk7MJNv3d2TzjtnpRLreqzxyJPqd5KkpQyK9wxDlfuk5POO3pVGimBqjxPr4kmca5qQe4ULM32uTMgAwAxzyMcc1lUUUAFFFFABRRRQAVQv/APXr/u/1NX6oX/8Ar1/3f6mubE/wzOp8JVooorzDmCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDTs/8Ajzj+lTVDZ/8AHnH9Kmr3FsdgUUUUDCiiigAooooAKKKKACqF/wD69f8Ad/qav1Qv/wDXr/u/1Nc2J/hmdT4SrRRRXmHMFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAGnZ/wDHnH9KmqGz/wCPOP6VNXuLY7AooooGFFFFABRRRQAUUUUAFUL/AP16/wC7/U1fqhf/AOvX/d/qa5sT/DM6nwlWiiivMOYKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKANOz/AOPOP6VNUNn/AMecf0qavcWx2BRRRQMKKKKACiiigAooooAKoX/+vX/d/qav1Qv/APXr/u/1Nc2J/hmdT4SrRRRXmHMFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAGnZ/8ecf0qaobP8A484/pU1e4tjsCiiigYUUUUAFFFFABRRRQAVQv/8AXr/u/wBTV+qF/wD69f8Ad/qa5sT/AAzOp8JVooorzDmCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDTs/+POP6VNUNn/x5x/Spq9xbHYFFFFAwooooAKKKKACiiigAqhf/wCvX/d/qav1Qv8A/Xr/ALv9TXNif4ZnU+Eq0UUV5hzBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBp2f/HnH9KmqGz/484/pU1e4tjsCiiigYUUUUAFFFFABRRRQAVQv/wDXr/u/1NX6oX/+vX/d/qa5sT/DM6nwlWiiivMOYKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKANOz/484/pU1Q2f/HnH9Kmr3FsdgUUUUDCiiigAooooAKKKKACqF/8A69f93+pq/VC//wBev+7/AFNc2J/hmdT4SrRRRXmHMFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAGnZ/8AHnH9KmqGz/484/pU1e4tjsCiiigYUUUUAFFFFABRRRQAVQv/APXr/u/1NX6oX/8Ar1/3f6mubE/wzOp8JVooorzDmCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDTs/8Ajzj+lTVDZ/8AHnH9Kmr3FsdgUUUUDCiiigAooooAKKKKACqF/wD69f8Ad/qav1Qv/wDXr/u/1Nc2J/hmdT4SrRRRXmHMFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAGnZ/wDHnH9KmqGz/wCPOP6VNXuLY7AooooGFFFFABRRRQAUUUUAFUL/AP16/wC7/U1fqhf/AOvX/d/qa5sT/DM6nwlWiiivMOYKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKANOz/AOPOP6VNUNn/AMecf0qavcWx2BRRRQMKKKKACiiigAooooAKoX/+vX/d/qav1Qv/APXr/u/1Nc2J/hmdT4SrRRRXmHMFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAGnZ/8ecf0qaobP8A484/pU1e4tjsCiiigYUUUUAFFFFABRRRQAVQv/8AXr/u/wBTV+qF/wD69f8Ad/qa5sT/AAzOp8JVooorzDmCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDTs/+POP6VNUNn/x5x/Spq9xbHYFFFFAwooooAKKKKACiiigAqhf/wCvX/d/qav1Qv8A/Xr/ALv9TXNif4ZnU+Eq0UUV5hzBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBp2f/HnH9KmqGz/484/pU1e4tjsCiiigYUUUUAFFFFABRRRQAV678KNB0fVPCtzNqelWN5Kt6yCS4tkkYLsQ4yQeMk8e9eRV7b8Gf+RNu/8Ar/f/ANFx00k3qY1vgOo/4Q/wz/0Luk/+AMf/AMTR/wAIf4Z/6F3Sf/AGP/4mtmir5I9jiMb/AIQ/wz/0Luk/+AMf/wATR/wh/hn/AKF3Sf8AwBj/APia2aKOSPYDG/4Q/wAM/wDQu6T/AOAMf/xNH/CH+Gf+hd0n/wAAY/8A4mtmijkj2Axv+EP8M/8AQu6T/wCAMf8A8TR/wh/hn/oXdJ/8AY//AImtmijkj2Axv+EP8M/9C7pP/gDH/wDE0f8ACH+Gf+hd0n/wBj/+JrZoo5I9gMb/AIQ/wz/0Luk/+AMf/wATR/wh/hn/AKF3Sf8AwBj/APia2aKOSPYDG/4Q/wAM/wDQu6T/AOAMf/xNH/CH+Gf+hd0n/wAAY/8A4mtmijkj2Axv+EP8M/8AQu6T/wCAMf8A8TR/wh/hn/oXdJ/8AY//AImtmijkj2Axv+EP8M/9C7pP/gDH/wDE0f8ACH+Gf+hd0n/wBj/+JrZoo5I9gMb/AIQ/wz/0Luk/+AMf/wATR/wh/hn/AKF3Sf8AwBj/APia2aKOSPYDG/4Q/wAM/wDQu6T/AOAMf/xNH/CH+Gf+hd0n/wAAY/8A4mtmijkj2Axv+EP8M/8AQu6T/wCAMf8A8TR/wh/hn/oXdJ/8AY//AImtmijkj2Axv+EP8M/9C7pP/gDH/wDE0f8ACH+Gf+hd0n/wBj/+JrZoo5I9gMb/AIQ/wz/0Luk/+AMf/wATR/wh/hn/AKF3Sf8AwBj/APia2aKOSPYD5Ls/+POP6VNUNn/x5x/SpqzWx6QUUUUDCiiigAooooAKKKKACvbfgz/yJt3/ANf7/wDouOvEq9t+DP8AyJt3/wBf7/8AouOqjuY1vgPQaKKK0OEKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAP//Z)

Figure horizontally opening menu

The same technique was used to add an info box that pops out from the other side which would contain the information and contact details about a service selected from the map. Since the scripts to implement the map and pins have not yet been implemented, a visible checkbox was placed in the header to use as a placeholder trigger for it to pop out. The info box is split into three different ports, the title, the contact info, and the description with the intention that the title and contact info always remain visible and the description would be scrollable. The first attempt at coding this resulted in the description overflowing the viewport on some display sizes but was fixed by defining the max-height property. The resulting code snippet is shown in figure 9 and the UI is shown in figure 10.

![Text

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDoRXhpZgAATU0AKgAAAAgABAE7AAIAAAAKAAAISodpAAQAAAABAAAIVJydAAEAAAAUAAAQzOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAERheW5lc3RhcgAABZADAAIAAAAUAAAQopAEAAIAAAAUAAAQtpKRAAIAAAADNTQAAJKSAAIAAAADNTQAAOocAAcAAAgMAAAIlgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADIwMjM6MDU6MDIgMjE6MjE6MjIAMjAyMzowNTowMiAyMToyMToyMgAAAEQAYQB5AG4AZQBzAHQAYQByAAAA/+ELHGh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iLz48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdGVEYXRlPjIwMjMtMDUtMDJUMjE6MjE6MjIuNTQwPC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyI+PGRjOmNyZWF0b3I+PHJkZjpTZXEgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOmxpPkRheW5lc3RhcjwvcmRmOmxpPjwvcmRmOlNlcT4NCgkJCTwvZGM6Y3JlYXRvcj48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAcFBQYFBAcGBQYIBwcIChELCgkJChUPEAwRGBUaGRgVGBcbHichGx0lHRcYIi4iJSgpKywrGiAvMy8qMicqKyr/2wBDAQcICAoJChQLCxQqHBgcKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKir/wAARCAGDAacDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwDxUWd0bQ3Qtpjbg4MwjOwH69KPsd19k+1fZpvs+ced5Z2Z6deldHqkENxDNI9n5dpFaJ9lvN7YYgDCDJ2+vAGRyfWjV4IZ47qV7PyraK3T7Hd72w/TCDJ2ngngDIwc96HoC1OWooooAKKKuW+k3t3pl3qFvDvtbMqJ5N6jZuOBwTk/hSbS1YLV2RTortNF05r/AMJiKGxeyfbPJJqFxpqTW8ygcZnYZiI2lflyM+hNXbWx06LwzZyrp1zf2klk7XUlrpaTFZsHJaffujKnbxgDA75rGVZRuv66/wCRpGF7f1/W559RXY6tqNnpdlptoNGsZI7nSEaV/KUSNIwID78EgqQDxjPOe2FuYrEeHz4hS1tQLiyWzEPlDatzu2swGMA7F3/VhR7XrbyBQv1/rT/P8DmZNKvYdIh1OSHFnPI0Ucu8fMw6jGc/pVOus1DSdQb4f2l3caO0UkV04My2IiPkeWm1mYKNwyT8xzk96d4is7i2tY00rTY/7B8iIrqCWSSF8gFmabaWDbyQV3DGMYpqprbzDl0TORorv/FdlYWml3yQ6ZcNaqYvsF3FpaRwoOMH7SrkyhlP8WecdOlchMdOtPJm0y6uLidWBZLqyjVB/wCPuG57EYpwqKauKUXEpzQTW0nl3ETxPgNtkUqcEZBwfUHNT3+l3mmC2N7D5QuoFuIfmB3Rt0PB4+h5rqfGDateXlpPDp6SWc8VsYLiLT48SSeWo2BwmW5yNme2McVB4qs77S5tI1GTSktGayTzS2nokRmy+QyFdm7GOMelSqjfL5j5fyucybK4S+FnNGYJ9wUpORFtJ/vFsBfqcU/UdOudKvDa3yKkoVXwsiuCrAEEMpIIIIPBrqvHMOraj4ik8nTjLaXMqtaT29io+0ZQEbZFXL8dsn9Ku3Ojn/hPtLGs2ckUEllCsYuISEllS3XCfMVDHfgFSRk8HrSVbRN9rj9ndtf1uefUqqzsFQFmY4AAySa6XxdFFFDYBtOvLS7w4lluNMWxWZcgriNSVJGSCRjtWd4YW2fxNp4u5ZIlFxGVMcYfLbhgHJGAe55x6GrdS1Nz7XIlFp2K2qaVd6NfNZ6gkcdwoyyJMkhQ5xhtpODx0PI9Kp1p+JDK3ivVjcIqSm9mLqjblVt5yAcDIz3wKzKdKUpU4ylu0E0lJpBRRRWhIUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUVv32kw21rLBbC1luIIVlmJkkMo6EkDhMDOMcnHP0rk2r6FPcyadBC7OIoHjeTJbqx+ZyMAe3VhQBkUUUUAFOdCjAH0B49xmm1Lcf6wf7if+gigCKiiigAoord1LQbPSLOBdQv5xqVxbJcJbRWoZED8qryFwQcYJwpxmmotq6E5JOxhUV1V54NgthqNpHqjSarptsLm5tjbYi24UuEk3HJXcOqjPOKbqcf9oeDvD8iW1qt3NdXFvvht44jIAIgoYqBnqeTzzVqm3ddf+DYzVWLtbZ/5X/I5eiuquvB1rH9vhtNWae80uSOO8ia12INziNjG+4l9rkDkLnqKj1/wvp+jDUIYNeiu73T51ilgMPlhwSwyhLEsVwNwxxnqcZolTlFXY1Ui3Y5mirmoW1lbx2hsdQ+2NLArzr5LR+RIc5j5+9jj5hxzVOszQKK+2PACqfhv4bJUH/iVW3b/AKZLXk/7SsHn3vhSFEkPmNcrtiTexyYei8ZPtSA+f6fDLJbzxzQsUkjYMjDsQcg12OveFbHTtJMqpd27+fHH501q4RR5a7ix3NhSWzkAnIKgVS8QWsFjZWFna3OnlJLaF2CWzea5b5jJvMe7bz0znGBtrNVFLRG0qMo35jG1nVDrOpy30lpb20sxLSi337XckkuQzHBOe2B7VRroL/wv9itIrl7ie2ieYws1/ZvBg7dwYAbiwOCOnXtWpqOm2R8WW+kGWyNojBRBBB5cpIjyFaQoCS54+8etKMoQSjHZfoN05t3l/Vzi6K6a+0ONrWxnubePQ5Zpnikil80ggbSrbTucE7sc8cA8Zq3qGmW154ubTFmsks7dpSUt4RE8SRqTtdygyTjrlu5qvaL8/wABexl+X47HHUVtapY2/n2UyfYrewuWKefZmaRVw2G3CT5sgEHGBntWdqMFrbalPDp959ttkciO48ox+YPXaeR9KtO6uZyjyuxWooopkhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBoyazNLA6+TCs0kYikuFB3ugxwecdhyADxVa5vZLmC3hZVSO3TaioD3OSxz3NPm0829ssk9xCkrKHW3yxcqeh4GBxzgkHFTT6NLBbzO08DSQIrzQKW3oGxjORtPUdCetAGdRRRQAVLcf6wf7if+gioqluP9YP9xP8A0EUARUUUUAFbF14ha+0+K3vtOs554IFgivW8xZVRfuj5XCEgcAlScAZzWPW0uiWkPhiHVtRvpoWu5JY7WCG2Em8oBksxddoywHAY+1UuazsRLlurk954yvr23ug9raRXd7EsN1fRq4mnRccH5toztGdqjOOe9R3Xif7Rotvp0WkWFstq5kgmhafzI3O3cwLSEZOwdQQO2Kz5dG1SDTk1CbTbyOyfG25eBhG2emGxg5qSTw/rMMCzzaRfRxM4jWRrZwpY9FzjqfSq5p3/AK/rf8SVGmrf1/Wn4Gjd+M726juNtnY2895JHJeXEKOHuih3DcCxUZb5jtC5NY+p38uq6tdahcKiy3UzTOqAhQWOTjOeOa0tZ8Ha5oVrFc6hp9wkEkKStL5DhYt3ARyVAVs9R7isOlJyekioKNrxLmoaj9vjtF+x2lt9lgWHNtFsMuM/O/PzMc8mqdX7nQtXslha80q9t1uGCwmW3dfMJ6Bcjk/SrWs+HpdL1CysYRdz3dzbxyNBJZSQyJIxI8sK3L4IxuHB7UuVj50+p2+kfH7xVouiWWl2llpDQWVvHbxtJDIWKooUEkSDnA9K53x18SNY+IJsDrVvZQmx8zyvssbrnftznczf3B6d6wL3QdX00xDUdKvbQzNtj8+3dN59Bkcmo7/StQ0qVItTsLqykcblS4haMsPUAgZpWY+ZMn1TW7nVlxcJEo855vkB+8wUHqTxhRTZNZuZNQsrzEay2SRJFhTj93jaTk9eOaq3Vpc2F09tfW8ttPHjfFMhRlyMjIPI4NWNJ0mfWL029u0cYSNpZZZSQkSKMszEAnA9gahKKRcpyerZPqGvSX9m1sLO1to3uPtDmEPlnwQSSzE9+lQXmqPqGsPqF5BDI0jAvF8wQ4GMcHPb1p+raNNpP2Z2ngure6i82C4tyxSQZIP3gCCCCCCARTNK0qXVppljligjt4WmmmmJ2xoMDJ2gk8kDABPNJKK1X9f1YHOT3Yl1qclw0ISGG3hgO6OCIHap7nkkknA5JPp0AqT+27r+3pNWCxCaWRndNuUYNkMuCehBI61Le+G9QtbqOG3j+3rNDHPFLZo7q6OdqnBUMMt8uCAc/hVddF1V9RbT0028a9QbmthAxkUYzkrjPQinaP8AX4hzve/b/gFmLVYLm+sUvoktNOtXL+TaweaM5yfld/mzgA5bp+VReIdQtNV8QXl7ptjHp9rNJmK2jACxrjHQcDOM4HrUcWiatO86waZeSNbsVmCW7kxEdQ2BwfrTRo+pnUGsBp12bxRua28hvMAxnO3GenP0p6dBN3ZTooopiCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDpbzWYri3uXe9MsM9uqJY7W/dPgfN02jGCcg5OfrSX+pWUunXMSXSyxPFGsEYVxMrLj/WMRhgOeMsBxjFc3RQ9QWgUUUUAFS3H+sH+4n/oIqKpbj/WD/cT/wBBFAEVFFFABXXar4xvLvwVpFgutXstwrXC3sTTSfOhK7AxPDDAPHOK5GirjNxvYiUFJpvod9qfiDSXuNe1W31Hz/7VsUtodN8t1aI4QfOSuzCbTjaT26c1Frfiexv7jxLsvnlivLK1htAyvhijRkqAR8uMOecDr61w1Sx2080MssUMjxwgGV1QlYwTgFj2yTjmq9rJ/wBev+bM1RjGz7W/T/JG94guLDVdL0u7ttRhWe00+K1ks3jkEpZCQSCFKEYIP3gfbNZ02o29w1uttptjpjpIpNxE07H6sHdxjvwM/wAqpJbTy28s8cMjww482RUJVMnAye2T0zTp7K6tYoZLq2mhjuF3wvJGVEi+qk9R7ipcnfmLUYpctzpvEtzo2qxR3DXennWbi6JuLmwS4WAxkDLyLIud27n92MY3cZxTfEv9lXx0NLbXbSVbe0hsrhkhn/d4Zi0mGjGVAI6c+1cpRT5+lkJU7W12O7XVtH0nxbo93b6nb3mkac/lQ29vHMJEUg5lYOiAsWO44OegHQGszxNqkE2nWun2U2lS20dxJMpsVu96FsAljceuAcKTyOa5eih1G1b+un+QRpRi7/11/wAzR1943125aHV5dZQlcX0yOrTfKOocluOnPpWh4M1ay0rVrj+0wn2e6tXty8kZkRGJBUso5ZcqMgdq56ismrqxo1c6nxDrFvrDaLp0+opNHaApPfRW5WNQ7DhI9qnaigDGFyQcDuU0C50rR9c1NU1QMhtpIbO8khkELsccyRgElSM/KQwz1Brl6KXKrW9fxC2h3t/4psUOqSWN+ReXGkxWplgWRY5JfMXcIgwyi7MjGFHBwBxWfoXiOCawv7PXZLd3ltoILeS7SXygkTZ2N5OH7jB55UZrkqKXIrC5Ulb+un+R6XpvjSygvC97f20bLdxEvZJPseNLZ0By43khig+bnIz2zWdp8D+JvFNk2l6rcadDbaVEl1qUUbhbYpDhg7ZXCkgrnOD71wtFCgk2/wCtrAo22/rW4pGCQDn3HekooqygooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA6nUEieC5sLeS7hitbVJgBIBDJwp5QDkkn7xJ5pLy5hvNN1GRLvzLMRx/Z7bYwFu2VwORgHG4fKTkZNc817dParbPczNbqcrEZCVH0HSie9urpUW6uZpljGEEkhYL9M9OlDBaEFFFFABUtx/rB/uJ/6CKiqSZg8gKnI2KPyUCgCOiiigArv5tD0Z7e5tI9KETQ6BHqDX3nSFlmMatjGdoVicYIJyTgjgDgK3Nb8VX+s29taGe5hsoLaGEWn2hmjJjULv28AE4z0/GtYyioNdf+A/1sZyjJyVv61X/BOjm8K2Ufh3VIrm2soNQ0+yhuGaCW4eZGYpxISPJwwYkBeRx1wTVy60y107SvFekWenrbw2sdpC1+xkZ5SZYyS2W2DOSwAA47nrXCSa/rE1iLKXVr57UIIxA1y5jCjHy7c4xwOPamza3qtzZraXGp3ktsiCNYZLhmRVGCFCk4x8q8ew9K09pDmvb+tfu+Rl7Kdld/1p/l+J2+pWlvp3hrxfYWWki1gsbi2t/tLNIz3BWTqxLbcn72FAwGHXrWbqiQal/wAIeXgMUN2mx7dbiV41XzymE3uxUYHQGucn1/WbmFIrnVr6WNAAiSXLsFAIIwCeMEAj6U+68S67fRql7rWo3CI4dVluncKw6MAT1HrU+0jpddV+v+YeylZ6/wBWsdfc+H9E1K6ltbHTGsRb6/HppeGaSV5Im3hiQxIz8mQQBwec4zVHxfbaBZaOI7Cz02K/a+kVGsb57n/Rl+6zHzGVWOehGeOg6Vz+la/dabrEF7Mz3iR3S3UsE0hKzSAn5m9W5PzHPWtPXvGL6xoo01Vv5ENwJ2m1K/8AtcikDAVDsUIOTngk8c8USlB09N/+G/yf3sahNTXb19f+AZmupGlzbCLRptIBtYyY5XdjMcf60bgMBvQcelaXw/t0ufFsakxiZYJntjIpYLKEJU7RycHnA9KwLq9ur10e9uZrho0EaNLIXKqOijPQD0qOKWSCZJYXaOSNgyOhwVI6EHsawet/mbNXVjr/ABbLFqPhvQrhJby8umknhW5vFHnXKAqcnknAZmUDLd+R0rn7NNa0vW1tLL7bYak7CEIjNDLlsYU9CM8VWutSvr+6W5vr24ubhQAss0rO4x05JzSnVNQOo/2gb65N7nP2kzN5mcY+9nPTipirD1tY7m5ntda8XPp+tSzapZ6LpsyGTzm3zSRoWd9x5+/kDORgDrWdpFpoGuSTXUdjHZmxsHluLaSSYwM+8Kr5UvLtCtlgMcqOgya5GG4nt2ZreaSJnUoxRipZSMEHHYjqKda3dxY3KXFlPLbzp92WFyjLxjgjkUlH+vPX/MXLb+umh6JomheFNTvZGht4r1GazidIZZ0ihkkZ1fZv2uRhQRuzgnqRxXKeLrKxs7vT30y1+yxXVik7RCRnwxZh1Yk9FH/1qoPr+sSzmeTVr55SVJka5csdpJXnPYk49M1UmuZ7nZ9omkl8tAieY5bao6AZ6Dk8UlF3vf8AqwJNO51/hIxWvhHV9QS9nsJobiBJri0QtcLCc/KnI25YLkkgYHfgGr4zsJb7xxcx6XYTNPLFHNLbQx72RzGrPwo55JJOBzniudstQvdMnM2nXk9pKV2mSCVkYj0yD04pYNRvbW8a7try4huXzumjlZXOeuWBzz3puL5rgk0dj8O7aO2u4NTjlsnvnvI7aGGa7ijaJCR5kgVmBYkHaoHqfai8stJ0uw1HUdW0yPULn+2mgG26OwRld5/1bYJxnuME89MVxEUskEySwu0ckbBkdDgqR0IPY097y5lhaKS4leNpDKyM5KlzwWI9ffrRKLcr/wBdP8g5df68zs7DS/DSaYNVuFt/sV1qMkSi+a4DQwrghV8kEeYQ2cuSOBgHk1paZ4f8NHRoZzp328OHZLh55UMi/axChKgjHytkjA6DpzXAWGr6lpW/+zNQurPzMb/s8zR7sdM4Iz1P50DV9SC7RqF0F5485sfe3+v94bvrz1o5XdaicW+o7W7WKy8Qaha24KxQXUkaAnOFVyB+gr0fw55FraeFrdZpmtNRhlWWygT91cOWKytOx4IVMYGCfl/h4NeWSyyTzPLM7SSSMWd3OSxPJJPc1Zg1XULayls7a+uYbWbPmwRzMqPkYOVBwePWhxbjYcld3GvY3DW813BbzvZRybDceWdgPYFugPTjNdTpGs6vp3g2/v7jVLxoJE/s6xtpJ3MeWHzsFzjCpwPQsPSuUW9uksns0uZltZGDvAJCEZh3K9CfemyXVxLbxQSzyPDBnyo2clY8nJ2joMnrim1dWZT1dzq9Sj8OaXYWFvNpLtNeaSs7XSzOWWdgdpC7gu3I5znrwBjmxqWjeHNM077LdS2q3Dack8Eym5M8szAMP4fJ8s5K8cjGc5zXFzXE1x5f2iaSXy0Eab2LbVHRRnoB6VaTWtVj042EepXiWRBBtlnYR4JyRtzjrQl/X3kpNW/rseh634Y8OwWepJaaSIZYYrsxyi4kYqYfLwcFsHO8/gB35ry9ThgSAwB6HvVuTWNTl3+bqN2+8MH3TsdwbG7PPOcDPrgVTpQi47sIppWZ2ev3Tap4Z8KS3EcSLJLcr5UKbERfNUBQB0GPx7kk80uq2fht/El14ftNPkspF1CO3guhMzkjzCsgfc2ABkbcDPy8k81ztz4j1u9tzBeaxqFxCSCY5bp2UkHI4J7EVQmmluJ3muJHllkYs8jsWZiepJPU0KOwuXRnokWheFrjxJHpjrarPHfNF9mtnut0kQVsiQyKAHBUHKEA5PHSqPijR9Hh8KxX+m6atnM32SQlZpH4lidmX5ieAVHv157DmJPEWtyrEsusag4hO6INdOfLOMZHPHBI49agGp3bCOO5nlurdChNvNK5jYJwqkAg4AJHBGATjFJQl37Ds+a5Z8QxpHqaiLRZtFUwofs0zuzHj7+XAOG6+lZdaWu69eeIdQW7vtimOJYYo4wdscajCqMkn8SSeetZtWUFFFFMAooooAKKKKACiiigAooooA1Ut9Om0q5uVguoWj2pGzXCsryHtjYOwJ61cuvD0cVneGNbgS2agmaRh5cxHDhRgHj1yenOMism4vvNsba0ij8qOHLN82d7nqx49AAB7Vdvde+2LPJ9nZbu4iWKWUy7l2jGdq4+XOB3Peh+QIx6KKKACt3Trazv/CmrFrJFvLBI547mN33OpkCMrKSVxhs5ABGOprCrpNDlOk+G9V1OO8gt7uVI4bMx3C/aFbzBvKqDvQbAwJ4yDjnNc2JbUFy73X5r8O/kVHc5uiiiukkKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigC8dHuxbyTr9ndIl3v5d1G5UdM4DE96in0+6trSG5nhaOKYny2Yj5uAenXoRVmV47TQ44IpFee7bzJtjA7UH3UOO+ckj6VavIpG8MwCW4t5JluHlcfao2fDKoBwGyTweOtD6gjDooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiuvW/dfA13eanZaczXkgtbHbp8Ebrt5kkDKgPAwoOerH0ouWjl8Bz3Wq6fY2bzyRJpIgtxHIwTiViw+Z1x1Lk/N0oegHIUUUUAFP2KANz4yM9KZT5P4f8AdFABtT/np+lG1P8Anp+lb+n6HZXvh37RbLLf6gfNL28N5HE0AUAg+UylpRjJJU9sds1eg8J6eNKtWvrtYLi6tDcrO9/BGkeQSimJv3jZxjIxyehxWUqsY7lqDexyW1P+en6UbU/56fpXTXekeHbCys1urm+S7u9NF0JMqY45CCVTAUlgxGOoxx17Nm8PWEVrJqKvcnTjpy3ETbl3eezeX5ZOMHDhu3QUe1iHI3/Xp/mc3tT/AJ6fpRtT/np+ldDfzCX4e6d5D3CRR3skZhldHXfsVi6kIrDO7oScVBrWmadpEg0wJdXGpCOMyTidVhDsA20JsJIAIGdwyecdqand2E42VzF2p/z0/Sjan/PT9K6vXvC2m6VZ3yx3YS7sWRQXv4JPtJztcCJfnjIJyM54Bzg1hNod0k1tG0tmTcyLEnlXsUuCemQjEge5FEakZK6CUXHco7U/56fpRtT/AJ6fpXQy6Jplx4mi8P6d9qW4F0LaS8mlUoxB2sREFBHOcDeeKsW2gaPqrQSacL+3iGqRWMyzyo5dJCcOpCDa3ynIIPUc0vaxtcfI72/r+tDltqf89P0o2p/z0/SupfSNEhhgvYYr6WGPUjZTRyToDLhQQ4+QhRnOVO7jvTdX07T73x3Npul6ddxn7ZIkkcU0ZDAE8INiiMcHkkgDntylVTf9eX+Y3Bq9/wCt/wDI5jan/PT9KNqf89P0rrpPB9nLfaQIZnt4L1J3nX7VFdGMQjc2148KxK9scHrVTw6NDuvGWmQrpt21vJOqGO4ukkDMWGCR5QBXGcr39RT9qmrr+t/8iXFrc5zan/PT9KNqf89P0q1qjWLXbDTbae3RSQyzTrLk57YRcD25rR8F2aXfi7T2mWOSCCdJpY3YZdVYEhU6yH/ZUEn0onUUKbqPorhKPLJoxNqf89P0o2p/z0/SrOrahdapq1xd31xLcTSOSXlYlsdhz0wOMdqp1cW3FN7hJKMmkP2p/wA9P0o2p/z0/SmUVRI/an/PT9KNqf8APT9KZRQA/an/AD0/Sjan/PT9KZRQA/an/PT9KNqf89P0plFAD9qf89P0o2p/z0/SmUUAP2p/z0/Sjan/AD0/SmUUAP2p/wA9P0o2p/z0/SmUUAP2p/z0/Sjan/PT9KZRQA/an/PT9KNqf89P0plFAD9qf89P0o2p/wA9P0plFAD9qf8APT9KNqf89P0plFAD9qf89P0o2p/z0/SmUUAP2p/z0/Sjan/PT9KZRQA/an/PT9KNqf8APT9KZRQA/an/AD0/SimUUAWrvUrq+t7WC5l3RWkflQIqBQi5yeABkknJJ5Per+oeKtV1W3EWoNaTARiJXNhAHVB0AcJuAHsahWwsZdPubmG8uMwKpKyWwUMxOAoIc89T07Go2sbd9Mlu7W5kYwlBIksIQZbP3SGOenfHFDDzKFFFFABWlHqN/Z6bcadFOIra8WMzxMgy+PmU5IyOueOtZtXNT/4+0/694P8A0UtJpPRgnZ3RYtNav7G18i0ktYflZRKttF5oDZB/e7d/QkdenFCa1frpy2LS200CKyxie3ilaMHqFZlLKO/BGDzWXRS5YvoO7Ld3dXF95H2qdZPIhWGPgDai9BwOevWntqN6+kppjXSmzjk81YsDhue+M45PGccn1qjWk/h/UItLTUJ0ghgkj82MTXUUckiZxuWNmDsMg4IBzinyq22wuaz3JZde1CbShpzvZfZQchFs4VIOANwYJndgDnOTio7jWb+7sUtLqa3mREEavJbxtKqjoBIV34H16cdKln8K6xbafJezWqiKKNJJUE8bSRI2NrPGG3qDkckDqKk1TTdPj8MaVqenx3Ucl1LNDMk0yyDMYTlcIuM7zwc/Wn7Ja6bf8MSqibST/q1yve61f6jB5V9LazEhQZmtovObaABmXbvPAHU81nBCCCHUEdCDWtdeEtas7Uz3FooVWjWRVnjZ4S/3BIgYtHn/AGgOeKNU8Ja3o1rLPqVl5KQyCOUecjNGTnbuUMSAdpwSMHsTkU/ZuC2sHtIy6jLvXdSvWjkuLiAzxurrcpBGk25ehMqqHJ9yfenz+I9WuJ4Jnu4Ua3n+0oIoI4183IO9lVQGbgcnNUtQ0m90uO0e+h8pbyBbiA71bfGc4bgnHQ8HmqdRyR7Gl2Xnv7ySza1e5UwtcG5KgAfvCMbs4z07dKuP4k1WTUYb9rm3F3ESRMttErPkYO8hfnyOPmz1NfRHhD4OeBdV8E6JqF9ohkubrT4Jpn+1zLudo1LHAfAyT2rzv45eBPD/AIQm0CPwzYCyN6ZxKXuHYMVMe3JdiFxuPPHXmlyx7BzS7nnU3iPV5p7OX7bHE1iSbYQRJEsWcZwqKBg45HTr6mq8+qXdxeQ3Re2hngYNG9tbxwYIOQfkUZOe5rQv/CF1ZWXnJNHPJ5qRCGOSNmZmQMQAHJJBIGAMkc9Kbq/h5tJ0+1Emn6gbiaNGadvliV258vbszuA4+9nOeKlOmrWLdOpZ3M7UL+41S4867a28znJhgji3ZOSTsUZPuak0K+/sbxBYakQsgtbhJSm7G4AgkUSeH9Tj8vbbeeZXMai2kWc7gMlfkJwcc4Na1/4V+z6tb6YlveQO33724P7pwE3OVXaOnP8AEelKXs3Hkez/ACD2c5bmLqaWbalM2mzyS2zMWRriMRvzzggMw/HPPtVTy/8AbX861ZNBa4itptEafUI53ePH2cq6MuCcqC3GGBzn8qual4ZMOuR6VaWl5C+5h9puj8kqqMs6qEBwOTwW7VUZKKUb/wBIcoTk3Jr+mc95f+2v50eX/tr+daOoaM9tqcFjbJeGWYhUW7tfs5Yk4GAWPB9Tiqmo6fdaTqU9hqEXlXNu5SRNwbafTIJBq001dGTi4uzIfL/21/Ojy/8AbX86ZRTEP8v/AG1/Ojy/9tfzplFAD/L/ANtfzo8v/bX86ZRQA/y/9tfzo8v/AG1/OmUUAP8AL/21/Ojy/wDbX86ZRQA/y/8AbX86PL/21/OmUUAP8v8A21/Ojy/9tfzplFAD/L/21/Ojy/8AbX86ZRQA/wAv/bX86PL/ANtfzplFAD/L/wBtfzo8v/bX86ZRQA/y/wDbX86PL/21/OmUUAP8v/bX86PL/wBtfzplFAD/AC/9tfzo8v8A21/OmUUAP8v/AG1/OimUUAXbi8iOl21nbKwCkyzMwA3yHjj2A4H1NWJNQhXR3tFuLq73BQiToFSDBySvzNz27cE1Vk0nUYYTNLYXSRAZLtCwUD1zioBBMbcziJzCG2mTadoPpnpmgCOiiigAq5qf/H2n/XvB/wCilqnVzU/+PtP+veD/ANFLQBTooooAK6LWdV0vW7a1upZby31G3s47cwLbo8LmMbQQ+9SoIAONpwc9a52iqUmlb+rkuKbudnqPivSp7jV9VtY7z+0tWtBbPBLGvkwZCh2Dh9zfd4G1cZ745qXGraLH4b0y1sbm/kvNOuXuUE1miRyFymVJEpIA2dcHOe1cvVm30+6urO6uoIt8NmqvO24DYGYKOCcnkgcVaqSvp/Wt/wA/6sZ+ygkv66W/LT/gnVXfijRhLq95Yx3zXWszRyTRTogS2AkErhWDEyfMABlV4rC17W5NU17Vrq1muEtdQuWlMTvjcu4lAwBIOPxx2qlBp91c2F1ewxbre02ec+4DZvOF4zk5I7VLf6Pf6Za2dxfQeVFfRedbtvU709cA8fjilKUmlfZDjGCb7/1/wBuof2Z5dp/Zf2vf5C/avtO3Hm852bf4emM81ToorM1Pofwx+0B4X0TwlpGl3On6u81lZQ28jRxRFSyIFJGZAcZHpXD/ABd+JulePbjRJdEtbuFtOMxkF7DGQ2/y8YAZgfuHIP615hT4opJ5kihRpJJGCoiDJYnoAO5oA6HxF4nj1e0NvbQqiG5aTm2jU7dqheRzn5Tn2wMkVSvdTtLzUtNmkhkkt7a3ghmjbgvsADAYPQ1QvdPvdNnEGo2k9pKV3COeJkYj1wR04NMtrW4vblLezgkuJ5DhIokLM30A5NRGMUlY0lVlK7f9dTe1vW7C80g2dijgm788H7HFbqq7SAuEJyRnqf071r/WY7nxc2q2ss9qhkVlcRqzrhQPu5wenTOCKy7q0ubG5a3vreW2nTG6KZCjLkZ5B56VDRGEVqv6/qwSqSf9f13NvVNcS7js7WEs1vayGTcYEh3McZxGnyqOPU5OTnnAeuvQp4wutVRZhb3LyghSFkVHBGRzjcM569utYNFHJG1vX8Q9rK9/T8NjeElpqbaXo9tK7W8Mjs893JHbnDEFgCzFUAC8ZJyT+FU/ENtpln4gvLfQrmS70+OTbDNJjc4xyeAM855xzVWy0+91Ocw6dZz3coXcY4ImdgPXAHTmoZYpIJnimRo5I2KujjBUjggjsaqyRDd2NoqW2tbi9uUt7OCS4nkOEiiQszfQDk0x0aORkkVkdSQysMEEdiKYhtFFFABRRVuDStRurKW8tbC6mtYc+bPHCzImBk5YDA455oAqUUVPDZXVxbzT29tNLDbgGaRIyyxg9CxHT8aAIKKKKACiiigAoqaWzube3hnnt5YoZwTDI6ELIBwdpPXHtUNABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBqlf7P0NVY7J9QIJz/DCDx/303P0X3rUvDayeG7uGzvrd7a3eERqEkBJw+Scr95j+AxjPFctRQ9QCiiigAq5qf/AB9p/wBe8H/opap1PeTrcTq6AgCKNOfVUVT+ooAgooooAK9OvdMjj0iZrrRrW20n+wIpUvPsioZLsxoVKy4yWLcFVODzkck15jV3VNVn1aeGW5WNWht47dRGCAVRQoJyTzgc1rGajBrq/wDJ/wCaM5QcpJ/1uj0K78NJbeD9TW8t45Et9PgnguYdLjij3kocx3O7fLkMd2RjJ7cCpdUsGstD8R24s4LTQ/JtFs7iOCNWnTzIiXEmN0nByTkgE9uBXldFX7aPNfl/rXcy9i9Ly/rT/L8T1HXNPvrPw34ntl0yC008T20WneTbIrXCCTAbcBvlyCp3EkZY9OlZur6JehvCd3qWh/ZTKwjvCNPW3QsZyArqqhclQOCORXAUUvarS663H7F2av8A1a3c9LuLSw1e8ntptMsYIbbxNFZILaFID5J3hkLDBOdgPJJz07Cq/j6EWOhRwHTIIpJb+V1uodFNmFhx+7iLPEhLdTxnpyT1rh9K1K40fVrbUbPb59tIJE3rlSR6irt94ikutJOm2lhaadaPMJ5UtfMPmuBgFjI7HjJwAQOfpRKcXTt1/wCG/wAv6uCpyU0+n/D/APAHeJ4r6G8sxqWmWmmu1lE0aWiqqyxkHbI2CfmPfv7Vc+H7Qf8ACWxpPN5DywTRQSjG5ZWQhduSBuycDJHJFczRWD1uu9zZq6sdn4qiC+HdB0xdPmsbmOWYRWtzLumWNiuC+QMbn3EcKMdj1rKsfDGvf8JU2gQRvb6iVMcyrLwiFctuZSQV2nkc56YJ4rBoqUrDtpY9HZEHilYtQ0aaSz03RZorcalbtGboRIx34IBHJ4xyBjvWf4fubHxBfO02m20Wo21hIIltrOOQXMm/O5bf5EZ1Qt8vOcZwcYriKKXL/X3/AOYlGy/ry/yPWtHsdMl1SQTaD5cpeximXUNMSAsWeRXdIskIGUDpxkEgA1xPjRIBeaZNb2sFr9o06OV0t4wi7izjOB7AflXN0UlDW9/6sCjZ3O08JQwXvhHV7UW1ze3IuIJmsrMhZbiIZGM4J2hiCcAnp0zkR+J9Pu/Evj+4t9JgjnvPJjM6Ryjb5iRL5mCx7EEcknINcfRVOOtwSsdv8P5rCzuIJI9StoNVub2KAJNHKSsG4FghVCu5z8vJGBnnmp7ya10XRtRvI7TTtRuDrrRieW38wBNu5kAdfw5HHJHY1wNFKUbu/wDXT/L8Q5f6+89F0GHTbvTH1LT9JknaXUXa5s7bTI794oeCkfzMpjUgt86jJI6jGK0tLttLi0OF4dGsyreYy/bLRHlA+2rGoYnPIRiMevXOBXlFFHJqhON+poeIIY7fxLqcECLHFHdyoiKMBQHIAFei+HTbiz8LajbwS3ENpFJHcShwtvYncTK0mOdzIeMlR0+90ryqijl91RHKPM7mh/ZF5PpVzrFvbn+zoZ/KaQuvyseQMZyeCOcV3GlNpzeE7/TNN1iyEC6U0t1uinDmdpI8s37vG1RhBgk98cnHm9FDjdWG9ZXO01jUrLSrDTLMaLYSJdaMjSyeSolMrqQJN+CQVIB4xnnPbGlf2Gm23h0/Z9MubywfTVaK5t9KRkWYgEyNdB9+Q+4FSAAOMcCvOaKajb+vUSja39dj17X7HTRZarDHpGnRBIr4o8VqisnleVswQMjl2P6dOK8iUlWBGCQcjIz+lJRShHl6hFWVjvvEdlrVz4Z8N3Ws2V4ZEnn+0vPAyiPdKoUNkYUEcAcDHAqDXL/SX8V3uh3GkWNnZLqSRpPCixtAqyESEsBlgwJ4JwuBgcVxFFNRtbyDl0Z6yumaefEVtbXuhzFDfkW8r6PHb25j2PlN6uRMCApBPPBOeax/FsNpJ4Niuo9OsraZhZSF7a3WMkyRSF+g6HaOOnHrk159T4ZWgmSVApZGDAOgdSR6qQQR7EYqVT8+wW965s+LLfUINWi/tTSrTS5ZLaN0hs1VY2TGA/ykjJxzz1rDq3qWqXmsXhutRmM0pUIDtChVAwFVQAFA9AAKqVZQUUUUwCiiigAooooAKKKKACiiigDXU2j6HcXMumwRHcIoHjeTJfqTy5GAPbuKfqNpGtjvsrK1eFY4y9xFOXkUlRncu87fmyOVFZtxeyXFtbwFVSO3UhVQHkk5LHPc/wBBUr6l/ob29vawWyygCVo9xZwDnBLMcc88YoApUUUUAFdJocR1fw7qumR2cNxeRRpPZiOBftDMJAHAYDc42FjtOcYyMYrm63tOubOx8J6ur3yG7v0jhjtUR9yhZQ5ZmIC4wuMAk89BXNiU3Bcu91+a/Dv5FR3MGiiiukkKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDQGlK9nPcQ6hayiBA7ookB5IGOUAzk+tRT6eba3V57iFZWUMLfLF8HoTgbRxzgnNSz3EMWjwWls+95G864YAjnoqc9cDJ+rVqahrMVzBeO16ZormJVistrfuX4y3I2jGDyCSc/Whgc3RRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFbrahfReG3N1eTym9PlxRySswWNT8zAH1OB+Bol1C+j8NkXd5PM1821EllZgsank4Pq2B+BoAwqKKKACiipo7O5mtZbmK3lkghx5sqoSseem49Bn3o2Ahorp9IsNO1LQxbWMNpPrJEzSR3bTK5ULkGIoQnADHD9x3GKvLpHh+y0Ww/tSW1ja9smnNwxuDMHOdoQKvlYBABB568jisZVVHSz/q/wDkWoN/1/Xc4qiut1GPw/pllYQTaU7S3elrO9yszllmYHaVXcFxkc5z14xjkuNJ0yPSn1tLUfYpdPURQmVvlui3lnBzk42u+D2o9quw1Bv+vT/M5hrS5SzS6e3lW3kYqkxQhGYdQG6E1DXRXsiT+ALCRYvJMd9JCVSaQo2I0O7azFQxLHJUCjxDa2Okzx6TbWELN5ET/wBoyvJvkLgMWUBggXnA+U8DrmqU7u1hOOlznaK7LxNpXh/S4tQsY3tor20ZFt/LNwZpegbzN6+XyDuBTHbGQaw7fRrWbUbC2TV7W4+1XCQuIElDRhiBk70UcZ7GiNRSVxSi4maIJjbtcCJzCrBGkCnaGPIGemeDx7VHXoK6fbX+mS6ZFp66baNr8Np5itIWcAOpJLkjcB6ADJ6Vk62mgWS7raCxa8t7tkNnEbva8WCMSGQKQykD7pGc9OKiNZSdrf1p/mU6bSv/AFu/8jlKK7jxJCus/Eh9Mg0q2Er3KlpBLIjSrsBO4liAMc5Vc8cVS12w06x0nSdVtbWxlE000bx27XPkShNuD+8IfuQcHHH1pxrJqN1uHs3dpdDnjpeoDUBYGxuReHpbGFvMPGfu4z05qK5tp7O4e3u4ZIJkOHjlQqy/UHkVs+NVC+LboAyEFIm/eSvIRmJT95yWPXua0dd/s7/hZs39tZ+xbk8zAYgfuhjO3nbnGcc4zjmiNRuz7q/5CcVqchSqrOwVAWZjgADJJrW8Q2Js7q3kSCzjt7mASwtZPK0ci5I3fvSXByCCDjp0q14GiR/GemyPIm6G4SWOEg7p2DAhE42hj2LFR7iipVUKTqdkyWmnYxbyxu9OumttQtZrWdQC0U8ZRhnkZB5qCpryR5b6eSTcXeRmbccnJPeoa0jflV9xzSjJpBRRRVEhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAPkmkl2ebI77F2ruYnaPQegokmkm2+bI77FCLuYnao6Ae1aSwabLpNzciC6haLakbNcKwdz2xsHYE9anvNHtLfTZZ187CohiuTKpjuGJGVVQMgjnucY5oAw6KKKACp1uru3t5bWO4ljgnCmWJZCFk7ruA4PXvUFS3H+sH+4n/oIo3AsJrOqRaebCPUrtLMgqbdZ2EZB5I25xzmi31jU7Sze0tdRu4bZ874Y52VGzwcqDg5qlRS5V2HdkktxNcbPPlkl8tAib2J2qOijPQe1Kbq4NoLUzym3V/MEO87A2MbtvTOO9RVsXXh57HTobi/1Czt554BPDZt5jTOjfdPyoVGeoBYHFPluiXKzK8uv6xNZm0m1a+ktioQwvcuU2joNucYqM6vqR07+zzqF19i6fZvOby+ufu5x15rVuvBt7a290WvLN7yzgWe5sEd/OhQgHJyoU4DDIViRml1OztJvCei3tlp0dvd3NxPBJ5DSN5uwR7ThmbnLHpjr0qvY76bf52/MlVU7Wf8AVr/kZUus6nPYLYzajdyWigBbd52MYA6DbnHFUq6K68GXltFcbb6xnns3jS8topHMlsXO35sqFOGIU7S2CaNZ8F32i297JPeWM8lhKsd1DbyMzxbiQrHKgYOOxJGRkCj2bir2D2kXpcybzV9S1Bdt/qF1dLxxNOzjjOOp7ZP5mlvdZ1PUYVi1DUbu7jQ5VJ52cKfUAnik1DTvsEdo32y0uftUCzYtpd5izn5H4+VhjkVTrPlXY0uy62tao0dvG2pXhS1INupnbEJAwCoz8uPanya/rEtxHcS6tfPNESY5GuXLISMEg5yMjivq3wR4I8K3ngDw/c3fhrSJ55tNt3klksY2Z2MakkkrySe9eX/tDeHtG0Wfw2mj6bYaWtwbgSvb26xhsGLBbYMnGT69TRyx7BdnkUmv6zNdQ3MurX0k8GfKla5ctHkYO05yM+1K/iHWpLqO5k1e/aeIFY5WuXLID1AOcjNa2q+FrSy0/wAyDUYXnMyRKruyqxMaswyyADlgckgY6nNR65pEel2NnBHbWTPLBG73P2wNJvbk4UPt29t23HfNQpQ0sjV05q9zDu726v7gz39zNczEAGSaQuxA9zzUuk6jLpGsWeowKrSWsyyqrdGKnODVmTQZRDHNbXtldRvKYS6SmNUcLuwTIFHIzg9Ditq/8O26+IbfSEhtoYgfmuIrjzZ5Nse5spvIUnnHyjtRJwceV7C9lORzWpT2tzqEs1hby20MjbhFLMJWUnr8wVcjPt+dVa3ZdDiu7Oyu9LEkEVzI8RS9nQYK45DkKCCD065BHNXtQ8PRy+Jl0eztra3iRn/fQz+dKyIMkuu8gNx0wvJojKMUo/1oOUJybk/6ucpRWvqWkpDe2kcERtYLk7UnnvI5o2+bBbfGMADuOcVR1Gy/s7Up7T7Tb3XkuV862k3xv7q3cVommrmcouLsytRRRTJCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigC3cX3m2NtaRR+XHDlm+bPmOerHj0AAHtV6619biG52WzpLdRpHLum3RgLjG1MDHTjJOMmqh0e7FvJOv2d0iXe/l3UblR0zgMT3ps+lXlvbefLEAgClgJFLJu6blByufcCgCnRRRQAVLcf6wf7if+gioqluP9YP8AcT/0EUARUUUUAFbupa7ZavZwPf2Fx/aUFslutzFdhY3CDCs0ZQknGAcMAcZ4rCrVi0F20EatdX1paQyO6QRzeYXnZACQoRGA6gZYgZNUnKzt/X9XIly3TZq33jKG6/tG6h0wwapqduLe5uPtAaPbhd5SPZlS20Zyxxk49q9z4h01tAsrCy028gnsZmngnkvUkG9im7cvlDI+QYGRjPOa52iq9pJf18/zEqUFbT+rW/I6q78Y20v2+az0k293qkscl7I1zvQ7XDsI12gpucA8s2OgrC1nUf7X1y+1HyvJ+13DzeXu3bNzE4zgZ6+lR3un3Wn+R9si8v7RCs8XzA7kboeDx06Hmq1KUpPR9BxjFax6lzULmyuI7QWOn/Y2igVJ285pPPkGcyc/dzx8o44qnRV3UdO/s423+mWl19ot1n/0WXf5W7+B+OHGOR2qbO1y762PX9A/aJbQ/Dem6SPDAn+w2sVt5v2/bv2IF3Y8s4zjOMmuT+JPxTl+IE+kzRaY2lSaaZSrpdGQsX2cg7V2kbP1rz+ikBv674su9btzA7TxxNO0pRpy4IIXC4wOBtJ/E1TuNYFxqOn3TWqkWcUMZidtyyeWB146HHSsyrOn6fdapeJa2ERlmYEgZCgADJJJ4AA6k8VKjGK0LlUk7uTNfW/E/wDa+nm18q65uftG+5uzMV4I2qNoAXnjH/6qd9q63/iJtUeKWEM6vshm2uuAAMPt4PGc4qvqWlXmkTRxX0SoZYxLGySLIjoejKykgjg9DTdP0261S4MNlGHZUMjs7qiIo6szMQqj3JHUetKMYrVf1/VglUlLd/1/TLmp69LqEluD5xit33j7ROZpHY4yWcgdgAMAAAfUlTrp/wCEmuNV+zApcPIZIC/VHBDLux1wTzjr2qnqOmXek3KwX0YR3jWRCkiuroejKykhh7g1UoUY20/q4/aSve/b8NjajvbG+uNPsGVLHTYJGd2upHk3E4LbmjTPIUAbV/xqv4hk0qXxBeP4ehkg00yf6OkhJIXHuSeTk8881m0VVrbENtu7CiiimIKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKANKV47TQ44IpFae6bzZtjA7EH3VPvnJI+laN5eQCzvbiaONbu+jVSEu1mBOVJIVfuDjoxJzjHeucooAKKKKACpbj/WD/cT/wBBFRVLcf6wf7if+gigCKiiigArs9Y8Rm48A6JbA6a8rPcrcRR2duHjXcu0gBcxkjPIwTjqcVxlFXGbjfzIlBSab6HpesarAbbWy2q20/h+axSPTNPjuEYpLhNmIc7oyuGLEgZ565pPEHib7UfElqmqxvaxWto1gkcy7RKrRFmjx1cZfJHPHPSvNaKv2r1/rv8A5mSw8Vby/wCB/kdt4s1fU9Y0HTZ49cNzZfYIUu7d9RG8zKxDFoS25jnB3bT2Oa5uaXS5Gt10uxuYZ/MXcby9SSNvbHlpgZ7k4x+dZtFQ53lc0jTUY8p3ni67k1OC0uzqjW9+95iPT11mO6giG0fvI2U7YAG4wx6Hg4U1F4tF7dah4fu11i0kvEtILeS6XVIpHinDMdzMrkgDIO/p71xFFV7T87kqla1uh6VdaiU8XaGmvatDqGjWEmxZ31GO6aWQgkysoZ2VS2MZGAoHGc1j+NdTe7s7K3uR588c0jJeyazDfyFTj5MxqNq55Ab1OO9cbRQ6jf33/L/II0lGSf8AXX/M1/FUt5N4mu5NT1G11O6Yr5l3ZsGik+QY2kADgYHTqDV/wNd2Nvq15DqbokV5YyW6+ZL5SMxIIVnx8oO3BPvXM0Vi1dWNWrnXeJbmHUYtA0lH062nt1aOU20gNvb73G1fMBbOB8zNluWPJNN8NwQaZrWr2k+oWM7LaSQxp56i2vTkfKZGwAvGcgqcgYIrk6KXLpb1/ELHpF3rltp7ajPY3lqlyujwRRwJKksdvIJVOyJhw5UfMCNxBzySM1S0DxGNRbUri/mEOrtawQwzxXq2ksyocOTPIGAcjbk8bgMfXhKKXIhKKSt/XT/I9Z0jxLbQ307yzWmnvNexi5U3sM3nAW0mXZ1wrbm27sDG44PJrFgm1PWPH+mnw5qltHqdxpkSvczMHDP5H7wMdrfNgEcjOfSuAqxbaheWcU8VndzwR3CbJkikKiVf7rAdR7GhQSbf9bWBRtt/WtyAjBIPb0NJRRVlBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB1F3bQjTbpEhgzHbRsLYRIJoCcZdn6sPxJ+YZAqTULG0ji1KzP2YG2iDwLFGPMTaQNzyAc7s9Mnr2xWDLrF9PA0UkqkOoR2Eah3UdAzgbiOB1Pamz6te3Ft5E025MBWOxQzAdAzAZYD0JND1BaWKdFFFABUtx/rB/uJ/wCgioqluP8AWD/cT/0EUARUUUUAFdrL4V0Ywy2sD3wvk0ZdU855E8oHYrtHs25IIJw24YyBg4yeKrptb8YXF9axWenN9ntfsMFtP/o8aSSlEAIMgG5lyOATj2rWLioO+/8AwH+tjOSk5K39ar/gl2Twdbjw7eTvFcWl/aWkdyRPfQMX3FMg26jzIxh8gsTnjOM4rQOkWOl6P4p0WyW4e8hhtY57mWZfLdjNHnagXKgE9SxyOwrmJ/GOuXFjPaS3cZjuIlhnYW0QeZFwFDuF3NjA5JJpt14v1y90+Wyub0NDMqLNiCNWl2bdpdgu5iNowSSffk1pz0lK6Wn/AA/3dP63y9nVaV3/AFp/k/vOkurLTdK8MeLdMsEu2ms5bWG4nmlUrKyyEEqgUFBkHGWbjHSqmtpHqsfhCIS3Ys7iLyo4ppI3aBPOKEBljXPTPINZF54y1y/tJLW7u43hmZXmUW0S+aykEM5C5Y8Dk5Jpl14s1a8jtUme0VbRw9v5VhBGYiG3cFUBAyc46HvU88Gkn3X6/wCYeznq+v8AwPQ3rzwjo00zwaTPewvBrUelyy3boyuG3DeFVRjBU8ZORjp0pni7wvpegaMssdrqlnevfSQRxX06HzIk/wCWoURqcHI749CaytG8VXNlrkV1qDyT2zagl/cxxbUaSQE/MCAMfebgYBzVjXtc0m90UWtpAtxdtceZ9rOmQWRiQDGwCEnfknJLHjAwOcgk4Onpv/w3/BGlUU0nt/w//AMXU/7L86H+xvtfl+Qvnfa9u7zf4tu3+H0zzWp4I06HUvEix3EUU4hglnSKZgscjohKhieNucZ9hWXqer32szQy6lP5zwQLbxnYq7Y1+6OAOnr1qKxvrrTL6K8sJmguIW3JIvUH+o7Y6GsH1+Zs02rHSeK7exfw9pF/bSWsty7zQTzWlt9njm27WBVAFHG/bnapOOhxms7wroTa9rBjaGeW2tozPcLboXkZF/hUDqzHCj657VTvNbv7+a3luJUH2X/UpFCkccfOThFAUZPJ4571Hqep3ms6lNf6lN511MQZJNoXdgADgADoBUpNIdnax3eseG7W+8U27alp02iWUmkG6Zba3CbHSMsygEDcRwCOD64rG0/QdD1eQ3GnzXK29vZtNc209zHG6yb9ir5zqqAHcpzg4wRySKw/7e1LzhL9p+dbT7ED5a/6nbt29PTjPX3qHTtTu9KuWnsZfLdkaNwyB1dCMFWVgQwPoQRUqLXX+tf+AJJ2/ry/4J2+m+CNBvb1la9neJvsqrHbXcMpheVnVleRQVbBXIIAyDjA61zHijSrLSruz/sxrhre6tEuALgqWGWYY4AH8Ofx70yHxTq1rO0tpNBbMzxuRBaRRqWjJKnaqgZBJ7c981QvdQutQ8j7ZL5n2eIQx/KBtQEkDgc9TQlK/wDXYEmnqb/w/FlN4stLW90+G8NxJtBn+ZUXa2fk6Enjk5xzxnBFfRdL0u40bV9S1ZrrbYNEI4rZlUyFywwSQcdBzg454NZ+ka3faFcm40xoY5uCJJLaOVlxn7pdTt69sUkus3s0V3EXiSK8ZGnjhgjjVin3cBVAHU9MZ71Uk29As9TpLXwxodxDeajb3E11py3KQW6veQ2j8oHbc8oAJXOMAc9eBV1PBfh+KxuZpr27vPKF1JHJaTR+XJHDsxztPJDgZBIBz16HjtP1u+0uCWC1kjMExBkhngSaNiOh2uCM++M1KPEmqLbvBHcJHC6yqY0gjVQJcbwAF4B2jp0xxilyyvuK0tNeoniPTI9G8SX+nQOzxW8zIjPjcR2zjvWv4YNjcaFrlvJp0DzxadJP9qlG9wwdAoQHhMAnkcnPXHFc7f31xqd/Ne3snm3Ezb5H2gbj9BxV3TfEeo6RbSQWJtVSVSsnmWUMjOpwSpZkJI4HBOKOVuFnvYp9DUsNI8PReH9M1DXJr5WvbqSBxbsoWNF25k5Uk43fd756jHNuw8IaW9hZvf3wjN8srpdNfQQJCgZlRjE53vkrk4K4BxyQa5W41K6urOK1mkUwQyPJHGqKoVnxuxgew46DtVm38QahbaelkrQTW8ZYxpc2sU/l7uu0upK5xnjHPNDUmhWZ2dh4E0G4s7HzptR+0XMdvkpJHsDyxO/TbnA2H65xx1rzmtmLxbrcAhEV7tEHl+X+6Q7fLVkTtzhWYfjzWNQk+ZtjV0tTqZhZT/DQz2+nwwTQ6jHEZsbpJP3TFiWPOCR90YAwOpyS6/0bw3p1lbx3FzfLe3OmLeJISpiWVlyse0KSQTnnIxx15rKHiXUl0c6WDafYyOY/sMGScbd27Zndj+LOfeqN5f3OoNC13J5hhhWCP5QNqKMKOPT160NNv+u3+Yknp/XU7K78FaXaK9rNeeVeQxxMZH1C3ImZiu6NYR+8U4bgnOcdBmpdb8F6HZ6beyWEuoedbxXDqZpEKkwzrGcgKD827jnjHfOBysviXU54I4p5IJTEFVJpLSJpgFOVHmld/GPXpx0p1x4o1i6jljnvNyzLKrjykGRI4d+g7sAfbtxScZ337/8AAFFSVr+X/BKt5/Zf2Cy/s/7X9r2N9s8/b5e7Py+XjnGOue9Uq3Nb8RDVdI0nS7e2aC00uN1jMsolkZnbcxLBV46YGOPU1h1p1ZfQKKKKACiiigAooooAKKKKACiiigAooooAKKKKANefQ1htZm+0SedBCkzgw4jIbGAr7uTz6DODUF3pi2umQXS3KTGWRo2VBwhAB+9369uPc1eutZspbCWGNZjG8SrHaNGojgcYy6tnJPXsM55qtPc6e2gxWcU1yZopGlG6BQpLBRjO84xjrj8KH1BdDKooooAKluP9YP8AcT/0EVFUtx/rB/uJ/wCgigCKiiigAram8I63Bp5vJbNRELdbrAnjLmFsYkCBtxXkZOMDnOMGsWvQta1XT9FKyqbmbUbvQLe0WIxKsMavCoLF9xLHHbaOe9awjFwcpd7fg/8AIynKSklH+tUcrP4V1i20+S9mtVEUUaSSoJ42kiRsbWeMNvUHI5IHUVBeaDf6fZpc3i28SuqsIjdRedhhlSYt28ZBB5HQ10Wo+K9KnuNX1W1jvP7S1a0Fs8Esa+TBkKHYOH3N93gbVxnvjmtqWv6bd+G2s55bjVL0LElvcXFhFA9sq5z+8V2eQY+UK3HfsKHGOtn/AFr/AMD9SYyqO11/Wn/B/Qqap4fSy0rRXjVxdXxkEkr3du9uxDALsZWO3APzbyMGjxF4SufD9yEa7s50KREFbuHfl0DfcDlsDON3Qjnoal1jUNEuPCum6dYXWoPcae0rAzWaIknmMpPIlYrjHoc+1R69qOk61Jb3wmvYbwwwQ3EP2ZGjGxAhZX8wE8KDtKj61UlCztvdf8EIud1fz6een4Ddd0FNPk0m2soLl7q8tldwZop1lcsV/dGInK5BGDzTLjwhrdtNbxPaxu1zc/ZIzDcxSr53H7tmViFbnoxHf0NbD+JtIsL/AMPX+lPe3U2josTRXNskKyqHdiQyyMQfnxjB9c9qSz8R6Hops4dMF/cQLq8WoTyXESI6pHkKigOQxwzZYle3FUoUnLV9fwuv0v8AcLmqJaLp/n/wPvMDVPDup6NbxzahbrHHJI0WUmSTa6gFkbaTsYZHytg+1Q6to99od6LTVIPInMayBN6t8rDIOVJHStC71u2uPC82mokomk1RrwMQNuwptx1znPtj3rP1b+y/to/sP7Z9l8tc/bNu/fj5vu8Yz0rmdunl+X+ZtG73/rUrW8El1cJDAu53OAMgD6kngD3PArY0/wAN3E+pLa3SH99bSywNBKjrIVU4AZSQeRg8/lVHRrmztNVim1GDz7dd2UCBucHB2kgNg4ODwa3n8R6a0lmh+0eXDb3EMkiWkUWTIMAiNGC8Z9fxrObltH+tGdFNQ3k+q/Nfpcw20PUFvIbbyUZ50MkbJMjIyjOTvB24GDnnjFNTR7yW8a1iEMjonmOyXMbRovqXDbR+J7itEazbQzadFZ3V3bwWCOFuPIRndnOTmMvt284xuPH1xUsmt6U8lzbrBLFbXVskUs8MKRsZFO4P5QbaAcYKgj19qXNLsPlp9/60KVjpKx+ILbTtZgmAuWjVDBMo4cjDhsMGGD26+tUpLCUtePAhaG0bEjFh8oLbR9efSteLVtNGs6bK5uktdMSMRFYVZ5ir7jkbwFySehOOOtRRX+mI+qW7y3Ztr5VKyiBd6MHDYKb8Eds7qLyv/Xf/ACDlha1/6t/mNsPDF3dtcLLJDbtDbfaAJJowWBUMvVhgEH73Qd6pw6NeTzTxxCFhbgGSX7TGI1z0/eFtvPpn19DWq+u6e+tTSrHcpZTWAsySFaRMRhd2MgHlfUfhUWmatY2Fve2W6RoJnSSO4eyilYFcjBicledx5DZGPei89wcaeiv/AFb/ADKVtoGp3d9d2cFqxuLKJ5p0ZlUoifePJ5/Dr2rOrp9Lt9M17WNRvPEWpvFZxW5ZZwYoZXcLhAIsncOMEJnHGSK5itFfr2Mna7t3CiiimSFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAWGsLtLUXT2s627dJTGQh/HpSS2V1BbpPNbTRwyfckeMhW+h6Gunv4GSwvZSjRyPaRK12VPkTgbTtTn73C885weFqndWV/p/h+b7VBcyyXux5XKMUiRfu5bpuP6D60PQEc7RRRQAVLcf6wf7if+gioqluP9YP8AcT/0EUARUUUUAFWb3T7nTpY47yLy2liSZBuByjjcp4PcGq1epanbtLpxbVdLhTSV8OwtHfPahWa4ESbAsxGS2cDYDjGeOprWFNSg3fr+jf6Gc58skv63X+Z5bUs1tPbrEZ4ZIhMnmRl0I3rkjcM9RkHn2r0fVtOgtoda36XZxaBBYxvpl+LVMyzYTZtmC5kLEtuBJA56Yqh4nvNWvPDOi39tYW01gtggnuYtMhKRSLM3ylwnyc7flyAc9OTlunyp3/rf/IzjW5mrLf8A4H+Zw81tPbeX9ohki8xBInmIV3qejDPUH1qKvR9be61VPDk17aQf2FNaWqXl9Dp8SLEfM2uvnKn7vB42ggD05q/FpSNqhj8QaJY2cQ1y3i0wLZJF9ojMhDqCFHmx7MHc2eo55qlQcpcqfW34r/PTuL29o3a/r+t+x5TRXp/iq2sJPB93JFpWn20iWttOslvbLGwZriRDyBnG1AMficnmuI8RRXsT6b/aGm2tgW0+FoRbKo8+M52yvgnLt3JweOlYyjy/16/5GtOfOr/10/zMmON5pUihRpJHYKqKMliegA7mrNzpOo2d5HaXen3UFzLjy4ZYWV3ycDCkZOTxRpUF9c6tbQaR5v22SQLD5TbW3H0Pb616TY2kmka1o+h3kN1bpaQXUMOoywFFe5lXpCXCggEYUkjJOe4rOTsNyszzO90+902cQajaT2kpXcI54mRiPXBHTg1Xr1G2tbeSXw7pVzozRyRLfNHp94TLLs8olS4wDlnDEYC9OPWqSafI17oYv9HsUvZIZzqlvLapAsdtu4kdVA8pgN2GwG4HXvPP0/rr/kPmstTzuiut160Nvrmiro+n20unusR093iXF7yM+a3GWLcMpOF6dOTieIbe7tfEV9DqVlDYXQmJktYFAjiJ52qASNvPGCeKtO5S1Rm0UUUwCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiujutMtYtJnmW1UIsEbRTBn83exGd6k4Vfvc4APGCapvbQy6BJcm1gikjKbGt5i7EHIJkXc20dOy8mgDIooooAKluP9YP8AcT/0EVFUtx/rB/uJ/wCgigCKiiigAoorvbz4a21tZXEqa6ZJoI5GMX2MgFkgE2N2/ptIGcdex5IuMJSTa6ESqRi0n1OCorqT4LdvC8+rRPf/ALi3S4Yzac0cEisVBEcpb5iN390ZwcZ6mPUfC1pYaL/a39rrLZ3CJ9h2wjzJ5DnejLu+TYRycnquM5punJJt9BKpF7HNUVsWug6na3mn3Go6Vdw2c9xGqyz2zLHJk5wCRg5Gfwrf8ReErS41jU30C8Eskerize1+y+VHCZWbaEbJyAV2n5R04yOaapSauv62/wAxOrFOzOIorrde8DSaJp73rS33kQXQt52udPa3znOHi3N+8Xg/3T0454drmjrf694d0/Tjaot9ZW6xSLaC2LbmZQ0ih2y/HJB59KFTk9Ot0vvD2sfz/A5CivRNF8H6Taa/o04vpNQjn1OSze2u7ARKfLHzNgu2Rkjt9cHisuz8MaK19pFx/alxeadeXxtJNtnsPmKyfLgyA7GD/e4I/u54oVKTV/66f5on28bv+u/+RzelanNpGoC7tljaQRvHiQEjDoUPQjsxqnWz4istJs9fnttLubkxJcyRyCa3CCEBsAKRIxcDnk4PHvVHVLeztNTmg0y+/tC1QgR3PkmLzBgc7TyOcj8Ky8/6/rU2TuMsb2bTr2O7tfL82I5TzYUlUH12uCD+I46027u7i/vJbq9meeeZi8kjnJYnuau6Bor67qTQeettBDE9xc3DDcIokGWbA5Y+g7kjp1qxZaPYaprSWel3WpXERiZyV03dOzDPypEkjA9uSyjr6cptX1GYlFdvZ6C/hj4iaJYTol1BqJt2aPULBN4jkcBlaN92xgQRkHPoeaybfQI9Q1HWrm4uBY6bprM88scW9hlyqIiZGSTxyQAM8+s86Hb9PxOeorZ06y0+XVbiWJpruws4WuG86IRNJgDClQzYBYgdenpV/wAGWuk6z4nS31i0ed7p22RRHyokG1mJ+XnsAFGB78YNy92KkxtWjzM5eiuv8M6FbT+HZNVubG3vP9NW3c3ly0EFvGACzllZTuO4ADnvwelbk/gzS9HuGkltYb2zkvyjTXlw8SW8AVWwu1gWlIfgYYnb93rU8y5uX+un+Zlzo80or02y0rRfJ1TQ20me9k0uZ98kNsjSTkS5QCRTv3Mo2bQMAbm7V55qTzPqly1zbLaTGRt9ukXliI5+6F7Y6YpRnzFLW/kVaKv2Wh6tqNq9zp+l3t3BGSHlgt3dVIGTkgYHHNUKsYUV3mneHtMl8Ow3UmnpNA2nzTzzl5hdLKuQDHGDtaMEp820qPm3MMYrg6Sld2EndXCiutvNMtz4dgl0fStOu9tgst3cJeM9xC+cMxiEvAHHVMDPNQ3PhXT7SxiabXUS8n04X0du0G1SCufLLlvvHnAAOcdsilzISknY5iiuzufh1d21tIWku1mt1iaYyWLJAQ5APlyk4cqWHGBnBwTil1fwDb6dYXU9vrJuZLeOV/LNpsDeVKsbjO445YY45wenBK54jUk9ji6K1b6GK40O01GKNInDm1mVBgMVUFXx2JB59xnvVe/tbG3t7N7HUftks0W+4j8ho/s75+5k/e+orWS5Xb+u5co2KVFFFSSFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAac2uzzJL+4gSaeMRSzqG3uoxxgnaM4HQCoX1H/Q3t7e1gthKAJHj3lnAOcHcxxzg8Y6VJLo0sVvK5ngMsMayywAtvRTjB6bf4h0PeozpVwuj/ANpMUWIuFCkncc5+bGOmQR+FAFKiiigAqW4/1g/3E/8AQRUVS3H+sH+4n/oIoAiooooAK6ibx/qk6zh7ezAnEgbCNxvgEJx8391Qfr7cVy9XW0XVE00ai2m3i2Jxi6MDeUcnA+fGOvFXFySaXUiUYtpyNm68cXl3bXiS6dp4uL62S2ubsJJ5siIFA6vtX7gztAB9OlQ3fjG9vrC4sLi1tDZSRRxw2wV9lrsBCtH82Q3JySTnJzmsltLv0uJ4HsblZrZPMnjMLBol4+Zhjgcjk+tOm0jUrbT4r640+6is5iBHcSQMsb55GGIweh/Km5ze/wDW/wDwSVCmrW/r+tCvbTta3UU8YBeJw6huhIOa1z4s1HztQmiEMUt9epfO6KcxyIzMNuT0y5656CqdzoerWdq11d6XewW6tsaWW3dUDemSMZq7qWh2ek6dZPeX1wb68tkulgjtQY0jcnGXLg7tozjbjtnvQudLTT+r/oN8jeutyHUdch1G4E8miadFM03nSvCZl849SCPMIAJP8IX2xWzY+LrW78SaFcapp1nYW+mvGgmtVldliUkhSHdgQCc5xu9DWPr2jW+lf2fJZXct3DfWouEMsAiZfnZcFQzD+H171DceHtatJoorrSL+GSYMY0ktnVnCjLEAjnA5PpTUp03ts/yJcYTj6o63VvFltC1hqcN1b6jrVpdbomilvZYVh28h/tDbsliMbMDg5PSuTi128g021s4fLRbS8N5FIF+YSEKO5xgbB2qitvO9vJcJDI0MbBXkCkqhOcAnoCcHH0pYLae6Z1toJJmRGkYRoWKqBkscdAB1NLnlfT+tn+iZShFL+vP/ADL2rayuq6h9tOmWVrM0jSy+R5m2ZicksHdgOc8Lgc1X1S//ALU1Oa8+yWtn5pB8i0j8uJOAPlXnHSojaXIgimNvKIpmKRSbDtkYYyFPcjI6eoourS4sbp7a9t5beeM4eKZCjL35B5FQ/MtW6FnRtYuNE1D7VarFJuRopYpk3RyxsMMjDuCPoavWXij+zr24msdH0+GG6tWtJ7UNOY5EYgkkmQuDwOjDpWLDBLczLDbxPLK5wqRqWZj7AVNJp17DeLaS2dwly+NsLRMHbPTC4zUNJ7lJPdG6fG0z65ZanJo+mNJp8McVpEFmWOERsWUgLICSCe5IPcZ5qtF4pkhv76aPTLAW2oJsurEiVoZOd27l94IbkEMMGs1tJ1FLg276fdLMAGMZhYMATgHGM8kgfWhdK1Br1rNbC6a6UZaAQtvA9SuM96Voj5X2LdlqttHq8ssllHbWVzGYZoLYuQqkYyu9mOQQG5PUU7Rtb/4RrVmurO1s7+WNiIZ5xKAowRkAMvUH+IH8Kj0rSFvdYGm30k9lOx2qDBuIb0YFlI/WmaJpsGrX4tJrmS3kcHyysIcEgEnPzDHT3qpTXLZ9PyKtKSULdf6/T+rlq18TNaw3FsNK0+WxmlWYWcokaOKRRjcp378465Yg5qaLxnqB8z+0ILXUt119sT7Ujfupem5djLxwPlOV4HFYtrZXV9I0dlbTXLqhdlhjLkKOrEDsPWoKOVf1/XkZWRv2/jLUYOGjt5lkad7lXVgLppQQxfaQc4OBtxj8TnL1TUp9X1S4v7oIJZ33MEGFX0AHoBxVSijlSdwsFFFFMZ0MHjK8t4bYrZ2bXlpbG1gvWR/Njj5GAN2wkBiMlSay01LZokmm/YrNt8wl+1NFmdeMbQ+eF9sVSopcqFZI1odfa006W2sdPs7WSeHyJrpBI0siH7w+Zyoz32gVW1LVJ9Ue2a4WNTbW0dsmwEZVBgE5J5qlRRZXuFrG1eeJXv5VubrTbF78FC16PNEjlcYJUPsyQMH5f15qxd+NdRvYLiKWG1C3CTo21GyBLKJWx83ZlGPb161ztFLlQWSNK+u4BpVpp9o5kRCZ5pCuMyMACAD2UAD3OateIdT0q8s9LtNHs/L+xQFJrtoFhkumJzllUsOBxkkk1h0VcnzO7/roXKTbv8gooopEhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHS3epWD6fNCLkSwNBGsMSq4nDLj77kYK9eMkDjAFQ3Wsafd6XeJ5E8MsjRCKIzhlUKGAx8gwBnoTk569awKKHqC0CiiigAqW4/1g/wBxP/QRUVWpbG+NimoPZzrZsREtx5TCMsBjAbpnjpSbS3HZsq0UUUxBXfXfiDSDdajq8Gpbhd6QLGLSxFIrxMUVME7fL2AgsMN6cZrgaKuM3FNL+tGv1IlBSab/AK2f6HYap4jsrnw0JYJS2r31vDaXwKtuCRE5bdjB3hYu/wDCc1e8R+JtPvLXU59JfS1XUYIo5IZEu/tIC7cLgkw5UrwR2HHXFcDRVSqyle/X+vxIVGKa8v8AgflZHW+KfGF3c+J9QuNG1OY2lwkMaOuVIWMKy7cjK4cE5GOc+tHi7xPNr50u2TWbma2WxgS5WaSQoJwDuZlPUjP3gDn3rkqKTqSaafe/5/5jjSjG1un9fod0+q6Ppup+Fr9NSttSTSY0huIIIpQxxI7718yNVIAYdSDnt3qfSte0rQWtoH1v+0xLrH2uW4jilAii2MjMwdQd7b8nbn7vU8V59RV+3lfbrf8AL/Il0YtWv5fn/mdvr+t+Hz4bW00NI95vIxNbiJkWWOESKrsQFzvDAnnOc9DzWTpGvJb+KdNvLDR7e2Mcux4LQysZ1b5SuJHbkgkcY61z1WLLUL3TLgz6bdz2kxUqZIJWjYg9RkHpU+0bnzsfskoOKOg8ZSQWuuwaFYXDfYdH/wBHSXqd5bdI+B33HH/ARWRrzo+u3LRatLrCFhi+mRlabgckMSw9OfSs6is276s0jHlVjQ0W5NpqiTLPbwYVgTco7RspGCpCAnkEjj8xWtFeaNZ6rKLKVYFuLFoWniWRo4ZW6sm759uBg5yeT1rmaKiUVI2jUcdjc0+7h0ePVEh1GOSS4s/LilgWQAkuuV+ZQR8oPbHvTrLVVvNKvbHUb0W8kkUMcM7xkqEjJ+RtgLdx2P3RmsGik4J7gqjWi/q51kGo6fJ4stb2XUI44LKKOJppUkLXBVNpYAKT/wB9Y4xVDw/9i0/xCs91qlssNvnDhJSJMqR8o2Z4J5yB7ZrCopcis0P2runbY6fwnodxf6veraazJYW1vbOZtSt0k8oLtztc/KVDYI5646GuYooq+pkFFFFMAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDrr0udPvrUSOZYrSIvZsx8mEfKSycY3dOOPvHBaqF5cPqelSyW1/diG2iiElrKCI+AF+UhiCcjOCB39KyJL+8ltVtpbud4FxtiaQlRjpx0onv7u6iSO5up5o0+6skhYL9AelDBFeiiigArpPDKC40PxDayzLbQSW0TPcSZMcZWZSu4DLHPKjaCct6ZNc3Wrbatb2nh290+GzkN1fbFmuXnyoRX3gKgUYOQMksenQVz4iMpw5Y918tU7/ACKja+plUUUV0EhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAf/Z)

Figure code snippet for the style of parts of the info box

![Graphical user interface, text, application, chat or text message

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDoRXhpZgAATU0AKgAAAAgABAE7AAIAAAAKAAAISodpAAQAAAABAAAIVJydAAEAAAAUAAAQzOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAERheW5lc3RhcgAABZADAAIAAAAUAAAQopAEAAIAAAAUAAAQtpKRAAIAAAADMTEAAJKSAAIAAAADMTEAAOocAAcAAAgMAAAIlgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADIwMjM6MDU6MDIgMjA6NTI6MDMAMjAyMzowNTowMiAyMDo1MjowMwAAAEQAYQB5AG4AZQBzAHQAYQByAAAA/+ELHGh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iLz48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdGVEYXRlPjIwMjMtMDUtMDJUMjA6NTI6MDMuMTA2PC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyI+PGRjOmNyZWF0b3I+PHJkZjpTZXEgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOmxpPkRheW5lc3RhcjwvcmRmOmxpPjwvcmRmOlNlcT4NCgkJCTwvZGM6Y3JlYXRvcj48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAcFBQYFBAcGBQYIBwcIChELCgkJChUPEAwRGBUaGRgVGBcbHichGx0lHRcYIi4iJSgpKywrGiAvMy8qMicqKyr/2wBDAQcICAoJChQLCxQqHBgcKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKir/wAARCAHiAoADASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD0PR/BPh270OxuLjTI3lmto3di7fMxUEnr61c/4QLwx/0CYv8Avt/8a0PDalfCukq7l2FlCCxABY7BzxxWlTVar0k/vO9LQ53/AIQLwx/0CYv++3/xo/4QLwx/0CYv++3/AMa6Kin7ar/M/vHY53/hAvDH/QJi/wC+3/xo/wCEC8Mf9AmL/vt/8a6Kij21X+Z/eFjnf+EC8Mf9AmL/AL7f/Gj/AIQLwx/0CYv++3/xroqy7HxJpOpazd6VZXfm3tnnz4vLcbOcdSMHn0NHtqv8z+8Tstyj/wAIF4Y/6BMX/fb/AONH/CBeGP8AoExf99v/AI1u3V1DZWc11dPshgjaSRsE7VAyTgc9BVXRtb0/xBpy32kXH2i2ZiofYycjrwwBo9tV/mf3hoZn/CBeGP8AoExf99v/AI0f8IF4Y/6BMX/fb/410VFHtqv8z+8djnf+EC8Mf9AmL/vt/wDGj/hAvDH/AECYv++3/wAa6Kij21X+Z/eFjnf+EC8Mf9AmL/vt/wDGj/hAvDH/AECYv++3/wAa6Kij21X+Z/eFjnf+EC8Mf9AmL/vt/wDGj/hAvDH/AECYv++3/wAa6Kij21X+Z/eFjnf+EC8Mf9AmL/vt/wDGj/hAvDH/AECYv++3/wAa6Kij21X+Z/eFjnf+EC8Mf9AmL/vt/wDGj/hAvDH/AECYv++3/wAak8V+L7DwfZQXWpw3MqTy+Uot1ViDjPOWHHFboO5QR3FHtqtr8z+8Wl7HPf8ACBeGP+gTF/32/wDjR/wgXhj/AKBMX/fb/wCNGsePvDWgak1hq2pfZ7lFDNH5EjYBGRyqkVQ/4Wx4K/6DX/krN/8AEUe2qvaT+9ibitGX/wDhAvDH/QJi/wC+3/xo/wCEC8Mf9AmL/vt/8a1dI1ix13TY9Q0qfz7WQkJJsZc4ODwwB6irtHtqq3k/vY1Z7HO/8IF4Y/6BMX/fb/40f8IF4Y/6BMX/AH2/+NdFRR7ar/M/vHY53/hAvDH/AECYv++3/wAaP+EC8Mf9AmL/AL7f/Guioo9tV/mf3hY53/hAvDH/AECYv++3/wAaP+EC8Mf9AmL/AL7f/Guioo9tV/mf3hY53/hAvDH/AECYv++3/wAaP+EC8Mf9AmL/AL7f/Gr0/iXSbbxFBoU93t1K4TfFB5bncvPO4DaPunqe1T6vrFjoOmSahqs/kWsZAeTYzYycDhQT1NHtqv8AM/vFoZX/AAgXhj/oExf99v8A40f8IF4Y/wCgTF/32/8AjW5Z3cF/YwXlo/mQXEayRvgjcpGQcHkcVNR7aqtHJ/ew0Zzv/CBeGP8AoExf99v/AI0f8IF4Y/6BMX/fb/41Y8U+KbLwjpKahqUVxLE8oiC26qWyQT3I44Na1vOtzaxTxghZUDqG6gEZo9tVtfmf3hpexg/8IF4Y/wCgTF/32/8AjR/wgXhj/oExf99v/jXRUUe2q/zP7x2Od/4QLwx/0CYv++3/AMaP+EC8Mf8AQJi/77f/ABroqKPbVf5n94WOd/4QLwx/0CYv++3/AMaP+EC8Mf8AQJi/77f/ABroqKPbVf5n94WOd/4QLwx/0CYv++3/AMaP+EC8Mf8AQJi/77f/ABroqKPbVf5n94WOd/4QLwx/0CYv++3/AMaP+EC8Mf8AQJi/77f/ABroqKPbVf5n94WOd/4QLwx/0CYv++3/AMaP+EC8Mf8AQJi/77f/ABroqKPbVf5n94WOd/4QLwx/0CYv++3/AMaP+EC8Mf8AQJi/77f/ABroqKPbVf5n94WOd/4QLwx/0CYv++3/AMaP+EC8Mf8AQJi/77f/ABroqKPbVf5n94WOd/4QLwx/0CYv++3/AMaP+EC8Mf8AQJi/77f/ABroqKPbVf5n94WOd/4QLwx/0CYv++3/AMaP+EC8Mf8AQJi/77f/ABroqKPbVf5n94WOd/4QLwx/0CYv++3/AMaP+EC8Mf8AQJi/77f/ABroqKPbVf5n94WOd/4QLwx/0CYv++3/AMaP+EC8Mf8AQJi/77f/ABroqKPbVf5n94WOd/4QLwx/0CYv++3/AMaP+EC8Mf8AQJi/77f/ABroqKPbVf5n94WOd/4QLwx/0CYv++3/AMaP+EC8Mf8AQJi/77f/ABroqKPbVf5n94WOd/4QLwx/0CYv++3/AMaP+EC8Mf8AQJi/77f/ABroqKPbVf5n94WOd/4QLwx/0CYv++3/AMaP+EC8Mf8AQJi/77f/ABroqKPbVf5n94WOd/4QLwx/0CYv++3/AMaP+EC8Mf8AQJi/77f/ABroqKPbVf5n94WOd/4QLwx/0CYv++3/AMaP+EC8Mf8AQJi/77f/ABroqKPbVf5n94WOd/4QLwx/0CYv++3/AMaP+EC8Mf8AQJi/77f/ABroqKPbVf5n94WOd/4QLwx/0CYv++3/AMaP+EC8Mf8AQJi/77f/ABroqKPbVf5n94WOd/4QLwx/0CYv++3/AMap6p4R0LS7SO8sNOjhuI7mDY4ZiRmVAep9Ca66svxH/wAgb/t5t/8A0clHtqj0cn95MvhZJ4f/AORZ0z/rzi/9AFcdqWj/ABPl1W7k0zxHpkNk07tbxvGpZIyx2g/uTyBjufrXY+H/APkWdM/684v/AEAV5Hr2j/DCXxHqUmp+I9ThvWu5WuI0jYqkhc7gP3J4Bz3P1qI7kS+Ff52Oi/sT4t/9DRpP/fpf/jFH9ifFv/oaNJ/79L/8Yrjv7E+En/Q0at/36b/4xR/Ynwk/6GjVv+/Tf/GK0t/VjK/n+J3Wm6P8T4tVtJNT8R6ZNZLOjXEaRqGeMMNwH7kckZ7j616DXieg6P8ADCLxHpsmmeI9TmvVu4mt43jYK8gcbQf3I4Jx3H1r2ys5G1Pb/g3CvLvA/wDyWTxZ9G/9DFeo141oniXSfDPxb8UXGt3f2aKVmRG8t3y28HHyg0ofH8mKt8K9Ueq6/P8AZfDepXHlRTeVaSv5cy7kfCE4Ydwe4ridA8S6i3wjuNb0fTNLtbm3eRxawW5SEqp+Y7Q2c4yevatS88Z6B4m8Ma7b6Jf/AGmWLTpndfJkTC7CM/Moqn8H0WX4bxxyKGRp5VYHuCaEnaXovzKck3G3d/ka2g+M4NT+H/8Awkd2EjMMLtconRXTqBn14x9RWZceP7vR/h/Ya1rNnE+o6if9GtIMqpB5XJJJ+7gn6gV5zbadqVp4ovvh5EWFleagkjnPIhX5iR9V2n/gNd38XPC91qvh+wn0m1a4/s1zutowcmMgA4A5ONo6dqb5fi6O33df68iIuWq6q/39P68ywfGPiPQNa0u18Y2Gnrbao/lxS2DvmF8jh92c9R0/Wn+LPG+raF460zRNMsIL2O8hDlGyJGYswwG3YA4HJBxzXO6PH8Lrma1NnpN2NTDIfsiC6aSN8jrzt4PfOKueLv8Akunhj/riv/oUlVZc0V5i5nySd+i/M6PWdc8R+HvA+p6tqkOlm9gZTBHb+Y8YQsow+cEnk9MDpWKPGPjW58Gx+IrTSNLW1jh82ZZXfzJVH3mRQcKvXqSeM4ra+KX/ACTTVv8Adj/9GLXHWvjjTrP4SQ6P5d1/as9i1vBbNbP+93ZXcrYwV5z1zUbxbW+hb0kk3pr+h2MfxD08/D0eKZYmVMbDbhst5ucbAfr39OaxpPGPjW28Or4muNH0ttKZRKbZJZBcLGejE/d6c9PwrKfwHqjfBGPTlhf+0Vn+3G2/iPUbMeu05x68U+98d2N78NzoEFvdPr0loLNtPFs+9WwFJ6Yxjn1qpJJytv8A1+pClJqPNorf1+B1eqfETTdP8DW/iSJGnS6wsEGcM0nOVJ7Ywcn2rIvvGHjPQdJh1zXNI0x9MkKl4baRxPCrdNxbK9x07+lYWueAtWj+EGl2kULTX9jM1zNbp8zYfJIAHUjI4HvVrxZ44svFfgr+w9Et7q51i88tJLNbd90BDAtkkY7Y4oaSb5e/4f11BSbS5nbT8f66CfGO/g1TwVod9ZtvguLgSRkjsUJr1eP/AFa/QV418SNJk0P4X+GtNuCDLbzBZMHI3bGJA/E17LH/AKtfoKJWSaXd/khxbck3vYdXlvwk/wCRo8Yf9fa/+hy16lXlvwk/5Gjxh/19r/6HLSju/T9UXPp6nQfEnxff+DtJs7rTIbeV57jymFwrMANpPGGHPFa2j3XiO6nluNWsrG0s3i3W9vHIzThvRz93p6dK4v45/wDIuaZ/1+f+yGu+1uS+i8M3smkKXvltnMCgZJfbxgdzS2g35v8AJBq52/rc5LXfEXjrw/pUms32n6H9hh2mW2SWVplBIH3uF6kdM1d8Q+Np7L4bReJ9Jgi3zLEyxXALBdxAIOCM4ryhk0XUvAl5LeRalqHi5WJlaRZnMAD8k/whdo75OTXS6pfW97+ztALZy5t2ihk+Uja4cZHPXqORTkrL5ozjO7+T/A2b7x34ttPCVr4lOkadHp5WPzY5ZH86Tdgb1A4VSTxkscYNdJr3jSLRvAkXiOO1aYXEcbQwlscuARk+1cx4s/5N9tP+vOz/AJpW7BNpkXwr0ldes5LuwksYEmSOFpNo2D5iF5AGOo5HFOaVpW6Ow4N3V3urjvDOo+MdWNlf33/CP/2VcJ5jC1aVpgCOADkrnOM/jXX14fpUVpbePdOHwvvtQuLSWUG/idHEMSZGQSwGRjPXJzjBzXuFErWTQ6bbumeReMdUs9F+Omk6hqc3k2sNmDJJtLbc+aBwAT1IqT4jfEDwzr3ge80/StT8+6kaMpH9nlXOHBPLKB0FT67/AMnDaH/16D+Utbvxd/5JpqH+/D/6MWpfwRv3/UWvNO3b9Crf+JLzwr8HtI1PT44JJltbZAs6krgoM9CD+tX/ABJ4tv8AR/hvB4gtYrd7uSKBykisY8vjPAIPf1rC8UWF1qHwI05LKF53jtLWRkQZO0KMnHt1rD8V+K7PVvhHa2Glw3FwYY7dLqYwskduVwNpYjDEnjAz3NVPWU/8X4CTso/4fxNf4r3kmofCnSryYKslxNBK4QYALRMTj25qzqHizxd4f8NWesto+njSUSNXheVjchSAAxI+Vc8cfNjPNZ3xI/5IzoX1tv8A0S1Hi/xfa6r4Fi8NabbXj6zcpDE9k9q6yR7cEk5GD93sT1ptWckv5hXvyuT+yenaTqcGs6Pa6jaZ8m5iEig9RkdD7jpVysfwlpMmh+EdN064x50EAEmDnDHkj8ya2KiVlJ2NYNuKb3CuE8TeOdQ0fX57Czt7ZkhC/NKrEklQ3Yj1ru6851e90yw8fainiHTftVldJEPMAPmRYRfmTn1GD/8ArB9bKKVOpWl7SHNaN7fNHBmVSdOknCXLd7/JmlY+J/EDJpd3qNnZR2eo3It49u5ZGBIG4AseOev+IrtK8kGtXXiPx1p1w0eyKO5iWC3jHywxKwwAB6DrXrdXm+HjQlC0VFtXaXqRltaVWMrtuz6hRRRXinqhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVl+I/8AkDf9vNv/AOjkrUrL8R/8gb/t5t//AEclBMvhY/w9/wAixpeev2OH/wBAFRTeFvD1xPJNcaDpkssjF3kezjZnYnJJJHJJ71zGmfE7wlp+kWdndatsuLeBIpU+zSnayqARkLg8jtU5+LPg7trH/krN/wDEU+WRPNC2rN3/AIRDwz/0Luk/+AMf/wATR/wiHhn/AKF3Sf8AwBj/APiawv8AhbPg7/oMf+Ss3/xFH/C2fB3/AEGP/JWb/wCIp2kHNDyOgh8LeHreeOa30HTIpY2DpIlnGrIwOQQQOCD3rWzXE/8AC2fB3/QY/wDJWb/4ij/hbPg7/oMf+Ss3/wARS5Zdh80F1O2zRmuJ/wCFs+Dv+gx/5Kzf/EUf8LZ8Hf8AQY/8lZv/AIijll2Dnj3O2zRmuJ/4Wz4O/wCgv/5Kzf8AxFXrL4heGr9ttpqscjf3djA/kRmjlfYOePc6iisceKNJ73X/AJCf/Cnf8JPpH/P3/wCQn/wosw54dzWorJ/4SfSP+fv/AMhP/hR/wk+kf8/f/kJ/8KLMOeHch8Z6Jc+IvCF9pVk8Uc9wFCNMSFGHDckAnoPSpvC2lT6H4V0/Tbto3mtoRG7RElSfbIB/Sj/hJ9I/5+//ACE/+FH/AAk+kf8AP3/5Cf8Awos0rC5oXvc1qKyf+En0j/n7/wDIT/4Uf8JPpH/P3/5Cf/CizHzw7mtRWT/wk+kf8/f/AJCf/Cj/AISfSP8An7/8hP8A4UWYc8O5rUVk/wDCT6R/z9/+Qn/wo/4SfSP+fv8A8hP/AIUWYc8O5rUVk/8ACT6R/wA/f/kJ/wDCj/hJ9I/5+/8AyE/+FFmHPDua1FZP/CT6R/z9/wDkJ/8ACj/hJ9I/5+//ACE/+FFmHPDua1FZP/CT6R/z9/8AkJ/8KP8AhJ9I/wCfv/yE/wDhRZhzw7mtRWT/AMJPpH/P3/5Cf/Cj/hJ9I/5+/wDyE/8AhRZhzw7mtRWT/wAJPpH/AD9/+Qn/AMKP+En0j/n7/wDIT/4UWYc8O5rUVk/8JPpH/P3/AOQn/wAKP+En0j/n7/8AIT/4UWYc8O5rUVk/8JPpH/P3/wCQn/wo/wCEn0j/AJ+//IT/AOFFmHPDua1FZP8Awk+kf8/f/kJ/8KP+En0j/n7/APIT/wCFFmHPDua1FZP/AAk+kf8AP3/5Cf8Awo/4SfSP+fv/AMhP/hRZhzw7mtRWT/wk+kf8/f8A5Cf/AAo/4SfSP+fv/wAhP/hRZhzw7mtRWT/wk+kf8/f/AJCf/Cj/AISfSP8An7/8hP8A4UWYc8O5rUVk/wDCT6R/z9/+Qn/wo/4SfSP+fv8A8hP/AIUWYc8O5rUVk/8ACT6R/wA/f/kJ/wDCj/hJ9I/5+/8AyE/+FFmHPDua1Gaxz4o0ntdf+Qn/AMKpXvjzw7Yf8fmpxw+zI2T+GM0WYc8e50uaM1xJ+LPg4Ej+2P8AyWm/+Io/4Wz4O/6DH/krN/8AEUcsuwc8e522aM1xP/C2fB3/AEGP/JWb/wCIo/4Wz4O/6DH/AJKzf/EUcsuwc8e522aM1xP/AAtnwd/0GP8AyVm/+Io/4Wz4O/6DH/krN/8AEUcsuwc8e522aM1xP/C2fB3/AEGP/JWb/wCIo/4Wz4O/6DH/AJKzf/EUcsuwc8e522aM1xP/AAtnwd/0GP8AyVm/+Io/4Wz4O/6DH/krN/8AEUcsuwc8e522aM1xP/C2fB3/AEGP/JWb/wCIo/4Wz4O/6DH/AJKzf/EUcsuwc8e522aM1xP/AAtnwd/0GP8AyVm/+Io/4Wz4O/6DH/krN/8AEUcsuwc8e522aM1xP/C2fB3/AEGP/JWb/wCIo/4Wz4O/6DH/AJKzf/EUcsuwc8e522aM1xP/AAtnwd/0GP8AyVm/+Io/4Wz4O/6DH/krN/8AEUcsuwc8e522aM1xP/C2fB3/AEGP/JWb/wCIo/4Wz4O/6DH/AJKzf/EUcsuwc8e522aM1xP/AAtnwd/0GP8AyVm/+Io/4Wz4O/6DH/krN/8AEUcsuwc8e522aM1xP/C2fB3/AEGP/JWb/wCIo/4Wz4O/6DH/AJKzf/EUcsuwc8e522aM1xP/AAtnwd/0GP8AyVm/+Io/4Wz4O/6DH/krN/8AEUcsuwc8e522aM1xP/C2fB3/AEGP/JWb/wCIo/4Wz4O/6DH/AJKzf/EUcsuwc8e522ay/Ef/ACBv+3m3/wDRyVzw+LPg3vrH/krN/wDEVDd/EPwxrscOnaXqfn3c1zB5cf2eVc4lVjyVA6A0cr7ClOLi9T591D/kJ3X/AF2f+ZqW70XVbCziu77TLy2tpseVNNbsiSZGRtYjB454qsyyLdFX4lD4bzMfez37f0r1q9sINZD6p4ytbzw3I11aR3+Z2+x6qucApz1AGflLAKCeM5HTexwHkFFe3SaNpjeM9Ftrzw8I/wDibSxq8ulwWsE0HlkhAqu3nAEAiQjv61z+n2+leNZNUsbixsNMk0++W5Bs7dIv9DU7JEyBlsDDZOTk/hRzBY84ksrqKziu5baZLaYkRTNGQkhHUK3Q49qgr2fTLPw/rcWgahJpGnQG8mv2t4DCkayurYhjfHB7cHgn61n6Bpksw1Nte0G2ttehtIza2sOkQyySR+YQ8n2QsqFuAM7QccjOaOYLHlFFev6Ppen3virXbCx8NCET3UISS4s4rr7FldzpJCHzEhO751YFeBnIxXk13GIbyaINEwSRlDQsWQ4PVSeo9DTTuBDSqxVgykgg5BB6UlFMDvfBvi1pbiPTdWfcX4hmbrn+6f8AGvSI7NX6CvntWKMGUkMpyCOxr23QPFNlJotpcX1wEkaMb+CeRweg9aNDKafQ3Rpue1L/AGZ7VCvjXw6nD6hj/thJ/wDE07/hOfDP/QR/8gSf/E0/d7mPv9iT+zPaj+zPamDxx4ZJwNSH4wyD/wBlq3b+JdBuSBFqlrk9A8gT+eKPd7ivNdCv/ZntR/ZntW4gjlQPEyup6MpyDTvLFVyon2jMH+zPaj+zPat7yxR5Yo5UL2jMH+zPaj+zPat7yxR5Yo5UHtGYP9me1H9me1bxjUDJ4ArOudd0W0JFxqdqjDqvmgkfgOaXKkNTb2KX9me1H9me1Nfxt4aQ4OpKf92Jz/Jab/wnPhn/AKCP/kCT/wCJpe73K9/sSf2Z7Uf2Z7VH/wAJz4Z/6CP/AJAk/wDiaVfG/hljgakv4wyD+a0e73D3+w/+zPaj+zParVv4i0K6IEOqWpJ6BpApP4GtNVR1DIQynoQcg0+VMlyktzC/sz2o/sz2re8sUeWKfKhe0Zg/2Z7Uf2Z7VveWKPLFHKg9ozB/sz2o/sz2re8sUGNQMngUcqD2jMH+zPaj+zPartzrujWZIuNStUYdV80E/kOaoP428NIcNqan/dic/wAlpWiik5vZDv7M9qP7M9qj/wCE58M/9BH/AMgSf/E0f8Jz4Z/6CP8A5Ak/+Jpe73H7/Yk/sz2o/sz2pi+N/DLHA1JR9YZB/Nau2/iHQ7ogQ6paknoGlCk/gaPdC81uir/ZntR/ZntW6qo6hkIZT0IOQaXyxVcqI9ozB/sz2o/sz2re8sUeWKOVB7RmB/ZvtUUlkq9q6CRQq1haveLaWs0zfdiQufwGalpIuMmzgvGnin+ymOn6aR9qYZkk/wCeYP8AWvNpZZJpGkmdndjksxyTT7u6kvbyW5nYtJK5diT3NQ0jrSsgorvYPhDrrWlpJfajo2m3N6pa3sr282Ty+gChSCTkcZ7jOK4i6tpbK8mtblNk0EjRyLkHawOCMjjqKV0xkNFFFMAooooAKKKKACirFhY3Op6hBY2Mfm3Fw4jjTcF3MegyeBVnW9C1Hw5qj6drNv8AZrpFDNHvV8AjI5UkUAZ1FaGi6HqXiLVI9O0a1e6upASsakDgdSSSAB7k118/wi1SK6kso9f8Oz6kgONOj1D/AEhmAztClRzj1IHvSukBwFFPlieGZ4pRtdGKsM9COtMpgFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABW74J/5HfSf+vlawq3fBP/ACO+k/8AXytJ7AZeof8AITuv+uz/AMzVarOof8hO6/67P/M1WprYAooooAKKKKACiiigAooooAK9l+HBUeF7LKjOX5x/00avGq9d+H1zHF4bsUdiCxcZ2nAzI2MnoPxqJ7Fw3PWbFsxir4rnLfV0XQ3v7OJpwuNocNEpyR8xJGQgzksAeATzVzSdfiv7bzJntAcOytZ3P2mJ1TG4hwo6bgCCAfTNczO6L6GuyKwwygj0Iqlc6HpV4CLvTbSbP9+BT/Sq7+J9JildJLl18tSzOYJNgwm8jft27tvzbc5x2preKdKVMmS43bivlCzmMgwAS2zZu24I+bG3kc0WY7pmfP4B0lWMukPc6TOed9pMQCfdTkEe1YWra9q3gm4g/wCEng+26NI2xtZt1x9nJOF86MdAf7w4HFdefEdidTgsYPPmkll8svHbyGNTsLj59u08Ad+M5q/f2Nvqen3FjfRLNbXMbRSxsMhlYYIq4zlEwqUadVGYjpLGskbK6MAyspyCD0INOxXE/B65luvhLock7l2WOSME/wB1JXVR+AUD8K7au5O6ueDJWbQYrCfVdQ1e9lsvDEEbiFtk9/PnyYz3VQPvt+lX9cle38PajNExWSO1lZWHYhCQau+ELaK18G6SkCBFa0jkYAdWZQxP4kmsas3HRHZhaMajbl0M6PwHbXOH8Q6hd6tJ1KPIY4gfZFxj8617Xw1olkoFrpNnGR/F5KlvzIzS3urGz1qwsTAWS7D5m3f6srjHGOc5xnPHHrVO18WWUkDS3ivbjzXVNiPKPLGCJWKrhFIYHLYA9a5dZHrqMIaJG2kMcYxHGqD0UYp+KxLnxZpkEd2UNxM9qrllS1lIcqwVgrbcNgkA7c461LN4is43lijWczxruCyW8kSuMgHa7LtbG4ZwTSKujWxTWjRxh1Vh6EZrNvvEOm6XqAttUvbWyDRCRHuLhY9/JBADYzjH61Dpviiwv7e0ZmaKW4hSUgRu0cZZQwQy7du7BHBIJyOORQtVcLq9i1c6Bo94CLrS7OXPdoFJ/PFY8vgHTI2MmjT3ekzdc20x2E+6NkEe3FW7jxZZRQSSxRXL+UrtLHJbSxSKAjMCEZQSDtIyBjr6VPZeIrO8v2s9s0c2/ageGQK3yB8FioCtg52k7sDOKavfQiSg1qcjqviDVfBVzAPFdt9q0mVgh1m1XCwMTgedH/CD/eHA4rqkdJI1eNg6MAVZTkEeoNaV/Y2+p6dcWN9Es1tcxtFLGwyGUjBFedfB65lu/hLoclw5d1jkjBP91JXVR+AUD8K6aU3LRnl4uhGnaUep2uKMUVR1yZ7fw9qM0TFZI7WVlYdiEJBroOFauxQfVb/V72Wx8MQRyeS2ye/nJ8mI9wMffYe3FW4/AlvdYfxDqF5qsnUo0hihH0Ren51o+ELaK18G6SkCBFa0jkYAdWZQxP5k03XNffSLmKJY7ILIufMvb37MrnP3EJVgzexI6j8OCVSUme5Sw9OnG9ie18M6JZKBa6TZxkfxeSpb8yM1opDHEMRxqg9FGKoPr9hFcvbytMsqAlgLeRlyF3FAwBVnAydoJPB44p6a5p0iTPHch0hR3d1Riu1cbiDjDYzjjPOR1BqNTp0RfxRisq58Q2kE0tuqzNPGMhXgkRHwQDtkK7WxuHAJpb7xDpul6gLbVL21sg0QkR7i4WPfyQQA2M4x+tILo0mjRxh0Vh6EZqhc+H9HvARdaXZy57tApP54qtpviiwv7e0ZmaKW4hSUgRu0cZZQwQy7du7BHBIJyOORTLrxZZQ2rTxRXMnlswljktpYpFAjdwQjKCQdhGQMdeeKppoNHoU5fAOmxMZNFuLvSZeubaYlCfdGyCPbisTVfEOqeC7mBfFdt9p0mVgh1q1XCwsTgedH1UH+8OOlddZeIrO8v2s9s0c2/ageGQK3yB8FioCtg52k7sDOKvX9jb6np1xY30SzW1zG0UsbDIZSMEVUZyic86FOqjNR0kjV42DowBVlOQR6inVxXweuZbv4S6HJcOXdY5IwT/dSV1UfgFA/Cu1ruTurnhyVnYrXJwprgvFF+brSdTS0XfHHbyCSUn5c7TkD1Ndlr0jRaLeyRna6QOyn0IU1xmqxpD4DdY1Cg6ezHHqY8n9TWNSVnY6qEE02zxiiiimdB7Tp+veGPi7b2Oi+J4ZtO8QRxmK1vICSkhxk8dOdudrD6Nk1b8DaJL4c8OeP9InlWZ7RWTzEGAw8tiDjtwRxXFW3xg1m2lF0ujaA2peXsbUmsMXDfLt3FgwGcAdse1Zvh/4k694fv9SulNvqDapzdx30ZdJDzzgEdiRjpjjHArPlY7nZXqMn7L9iHVlJuyRkYyDM2DXY+NPFmqeHvFPhCz0hIsX4RLkmIM8ke5RsBPQfMTxjkCvItf8AifrXiPw0dDvrbT47TzA6/Z4WQoAcqqjdgKOnToPxr0Px/wDE6PRLrRH8OnQ9ZMduWLSqtwbaQYGVZGBQkEjr2pNO4zf0fTbPTPjxrK2ESRLPpizyIgwN7Nycds4z+NY3h/WJ/HHg7xjp+vwQ/YbHcLPZCqJbgK21VwOq7QcnJ5/Cue+FPi9bn4hatrPijVba3lurU/vbmVYlzuGFXJA4A6Vz2vfE/V77S7/RbW20yytbqZjcT2Nv5cl1zgs5BwS2BkgDP0o5XcLnZXmsXHw5+EPhu88KxwQ3Opskt3ctEHMh27ipz+XsAcYrobrS7K1+NnhvUbW2jtp9RspZbmNFxlwvUj156+1eSaB8Tta0HRE0k22nanZRSCSGLUbcy+SQcjbhh35Gc47YqMfEvX28bR+KLg29xexKUiikQ+VGpBG0KCDjn1z65p8rFc7u98d62fjRDotrLDa6bBqYjEEUCfMTkMxYjJZtxzzWN8c9b1C58aPpE1xusbVUlhi2KNrMvJzjJ/E1wl74hv7zxRJr4ZLe+e4+0BoRhUfOeAc8exzWp4v8e33jRYTqmnaZDcREZura3KSyDGNrMWORznFNRs0FztfgL/rvEn2fH237Gnkev8Wf121w3hfwZq3jTWruxtJoYbuBWlmN6zqc7sEHCk7snvWVouual4e1SPUdGuntbqMELIoB4PUEEEEexFdq/wAaNd865urbSNBtb+5j2SX8NkROeMAlixzjA6gjjpRZ30A63wPey+Hvghrt0sMM89ldvsWVdybwVAOO+Dz+FQeB9Xurjwd4p8eXvlX3iG3BiinkhX92qxjBCqAB15wBnbXndr491W18H3/hxYrV7W/kaSaV0bzNxIJwQwA6elReE/G+r+DZp20swywXK7Z7W6TfFJ9QCD37H60cu4XPRtcuD4v+Dml+J9bihbWIL1IRdLGEaVfN29h+OOmQeldJ4lRn+O3g7apbbbOTgdBtfmvHPE3xB1jxPZWtjPHaWFjaYMNpp8RijUjocZJ4+uB6VuR/GzxKjWkrWekyXVrGIvtb2p82VO6swbgEgEhccgUuVhc9H8JsE+Lnj5ioYCNCVPQ8dKwdO1m48e/BfxLP4lhgkOnMz2bpCIxCVQMqrjpjOPUg4JNVvhf40gufFPijWtevrDTrm9gRlDyiJGcZ4UOeeg4ya4zXPibrWt+Hm0UW2nadZyPvmXT7cxGc9Tu5I5PJwBk0uV3C5xtFFFaiCiiigAooooAKKKKACiiigArd8E/8jvpP/XytYVbvgn/kd9J/6+VpPYDL1D/kJ3X/AF2f+Zr0LxV8PtG0LTNQlU6jZtbpAbS4vJkMd67jLIi7FPy+oYgd8V55f/8AISuf+uz/AMzXdX/xOt7l7+aHQm83UI4I547q982ArGR0jEa8kDGSTilrZWAybfwG88lgw1zTZLW71BdPee3MkghlZd2CNg3ccAqSue4HNbS+AtMHhbWB/alg95Z6qtquoSNNGirggoU25LZx0Vvrjmmaz8U11aODOl3Qe21KLUYfO1HzFRk/5ZhfLACY4AGMHkk1mah42tbjTNQsrLSpYEvtSXUXaW7EhVhklRiNeDnj096XvD0BvhvqcFvq897qGmWkOkz+RcSTTPgsV3DbhCWzkADrk9Khm+H+pQ28g+2WD38VmL2TTUkc3CxHnP3dhIHJUMTjtU2v+Pf7c03V7T+zfI/tK+jvN/n7vL2oF242jOcZzx9Knm+IaPNNqUelFNcnsfsT3n2omIDG0uItudxXj7xGecU/eFoUpvh/qUNvIPtlg9/FZi9k01JHNwsR5z93YSByVDE47Vdm+FupW6XBn1jR4zawR3E6tPJmKJ+jH5P0+96A8ZJviGjzTalHpRTXJ7H7E959qJiAxtLiLbncV4+8RnnFJqXxE/tD+2v+JX5f9qWMFp/x8Z8ry/4vu85x04x60e8GhXPw51RNT1G0uL3T4I9PgjnmupJH8opJjaRhC3fnKjGOcVys8Jt7iSFmRzG5QtG4ZTg4yCOCPcV2bfEKOTxf/br6bcxOIIYkFpqDQyL5eM/OFIKsBgqVPsR35bWdS/tjW7zUfs8dt9qmaXyYh8qZOcCmr9QKNeseArGK48PafK/DKzH7inOJG9QcfhivJ69R8F67YaV4ZtPt0jxhd+WEbMPvt6CpnsVHc9YsbINpSWkU80O1FVJY2AdcdD0wenQgg9wRQ/hgS5d9W1D7S24SXIEIeRCAChAj244HIAPvXKQfF7wPZLtutb8sjqPsk5/klT/8Lz+HQ6+Iv/JK4/8Ajdcz13O2Mo9zduPCrzW98n22YrKH8iAuBGGMXlh2IXdnGeAcd8Zqw3hgO/nf2tqAuzlWuQYtzRkD93jZt28DnG735Nc1/wALz+Hp4i115W/upY3BP/oFIfjJo9xxo2h+ItWY9Psumtt/EsRgU9WHNBdTr49Ct4Ps/wBllmgW3nEyKhUg/Js2HIPy7fx96r+LfFNh4Q8Pz6nqDjKqVggB+e4k/hRR3JP+Ncm/if4ha78mj+G7Pw/C3/L1qtz50mPURJ0PsxqTSPA0cGrx634k1K48Qa1GP3dzdALHBnr5UQ+VP51pGnKW5zVMVTgvd1HfDXRLrw78OdI0zUFKXMUTPIh6oXdn2n3G7H4V1NFFdiVlY8Zu7uVdTtWvtIvLRCFaeB4gT2LKR/WjwTqkV54etrFv3V7p8S21xbvwyFBtzj0OM5q1WJr3hmDWh51vd3Ol6guPLvrJ9kq4OcH+8vqD24rOpT59jpw1f2T12Z0WqaLb6sB9okmjKptVomClfnV8g465QfrWdqngnS9VmE0uUkDEg+RBKACANoEsbAD5R0GfeuZTVPiT4eGy4s9N8W2y9JYpPsVyR6spyn5VKPi7Ba/LrvhPxJprD7zmx82L8HU8/lXLyyierGtSn1Ovm0C2mszbiaaMETAMhXK+a24kZGOD04+uapReDbKPUp7+S5uJricENI6QhsEg4LLGGYcDG4nAGBiuf/4Xj4CTi51ae2b+7NYTgj8kNL/wvT4c/wDQxf8Aklcf/G6nU0vB9TuvsqC9a6y29oxGRnjAJP8AWufi8B6VBewXULyLJDGibjDAzMVQIG3tGXU4A+6yjIzjk5xf+F6fDn/oYv8AySuP/jdJ/wALy+H7cQa1JO392OxuCf1SlqinKL3ZvWXgnTrGOdY5piZ1KyMI4Y85VlzhEUZw55xngZrTt9Iig8ktPNNJFN5+99uXfy/LJOAB0OeAOfyrjT8YdOueNF8OeJNUY/dMGnFU/FmIwKifxF8Rdd+TTNB0/wANwN/y8ajcfaJceqxpwD7MatRk3oYurSgtzq/Fviqw8IaBNqWoOCwBW3txy9xL/CijqST+XWub+GuiXXhz4c6RpmoLsuYomeRD1Qu7PtPuN2PwpNG8C29nqq6zr1/ca/rS/dvLzG2H/rlGPljH05966mumnTcdWeZicQqui2Cqup2rX2kXlohCtcQPECexZSP61aorY5Nir4J1WG88PW9i37q90+Jba4t34ZCg25x6HGc1pahpcl9IHi1K8swV2SJAY2WQe4kRgOp5XBPfOBjnde8Mwa0vnQXdzpmoLjy76yfZKuDkA+q+oPbislNT+JPh4bJrXTfFtsvSSOT7FckerA5T8q4pUpLbU9iljISVpaM6UeCdOi1U6hZyPazEEAxwQFlO3bkSNGZAcf7VTT+FYJY/Lh1C+todjxGON0IMb4ymWUnGVz1yMnnGAOZHxcitPl13wl4l01h95/sPnRfg6nn8qd/wvHwEn/Hzqs9q3dZrCcEfkhqPeR0qVN7M6H/hDrE6vPqLzzvPMTklIgQCc7d4TeRwMBmOMADAra+yoL1rrLb2jEZGeMAk/wBa4X/henw5/wChi/8AJK4/+N0f8L0+HP8A0MX/AJJXH/xupsVzR7m1F4D0qC9guoXkWSGNE3GGBmYqgQNvaMupwB91lGRnHJy+z8E6dZwzRpNMTNkuwjhjJOx0zhI1GcSHnGeBWD/wvL4ftxBrUs7f3Y7Ccn9UpD8YNPueNF8NeJNUY/daHTiqfizEYFV7zE5QTu2dlb6RFB5JaeaaSKbz977cu/l+WScADoc8Ac/lVPxd4qsPCGgTajqDgvgrb268vcS/woo6kk/l1rlH8Q/EbXfk03QtP8NwN/y8ajcfaZgPVY04B9mNTaN4FtrPVV1nXb641/Wh929vcYh/65Rj5Yx9OferjTlLc5qmLpwVo6sX4a6HdeHPhzpGmaguy5iiZ5UPVC7s+0+43Y/CuooorsSsrHjN3dzO1iA3Wm3MCnBliZAfTIIrhdTuRL4LuoWBSa3snikjbqpVCP6V6Dd/cNcJ4vto30m/lGVkFvJ8y8EjaeD7VjUV3c66EraHi1FFFM6AooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACt3wT/AMjvpP8A18rWFW74J/5HfSf+vlaT2Ay9Q/5Cd1/12f8AmarVZ1D/AJCd1/12f+Zq9N4T8RW1o91caBqkVui73mks5FRV9SSMAe9HQDIoqeayure3gnuLaaKG4BMMjxlVlAOCVJ4OPaoKYBRRRQAUUUUAFFFFABXrfgH/AJFiz/4H/wChtXklet+Af+RYs/8Agf8A6G1Jky2PRLL/AFYq/VCy/wBWKv1sjgluFFFFMgKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAq3f3DXE+K/+QHqP/XtJ/6Ca7a7+4a4nxX/AMgPUf8Ar2k/9BNZSOmkeI0UUUjrPTl8MeH7Xxfp/gy60zzbm5tVE2p+fIJUuHTcCqg7No4GCpPvWT4D0TT9Q13VNG1zTILl7e2uJBN5sqvG8YxgbXCkZ9VJrWXxP4fuvF+n+M7rU/Kuba1UzaZ5Ehle4RNoCsBs2ng5LA+1YXgXxHZ6d4r1HUtbuBAt1Z3C7gjNmR+gwATyajWwzndKu7Gymkk1DTF1H5CIopJ2jjVvVtmGYewZfrXQ+KdH021sPDOpWumyWbarAZLjT4pmPAYANGX3MA4JIzux71V8DL4dXWnuvFV1HHDbRmSCCaKR455f4VfYrHaOpGOelR+Irkat4hS+1bxDb6ibl/30tlDKfs6DoAkiR8AHgA9vzfURta5o2nW3gee91Pw+fDeqG7VLCAyTb7mL+LckrE4X++AoJIHtV34b+BdO1exuNT8SReZBNDKmnweYymR0UlpPlIO1cAe5NZsupaVo/wAPdV0ODXF1iW+uo3t44YZUjt1Q5LnzFXDN0IXP1rX8K/EmzOtwSeIdP06zgtNOktLeWBbj5Rt4TYJCo3HqdufcUtbDMzwd4ft9R8Da3qSaB/bepWk8KW8H79vlY/N8sTKTxzVfwh4dtvFXiu6N5p32Ox0+Bri4srQyZcrwIwXZmBZuvPrjHFY+mQadfXTXMusQaBLHOrxr5M7qidcoy723KQMBsf71dpD8Q9NX4matqEMs1ppup2hs3u1jxIG2gCcqOeozgc4PrTdwOU8RwizNqbnwdNoM3mMwSVpxHPGCPlKyHdkdCysOvQVsWEWjTeC9U13VfDWn2sS/6LYeRNdB5bgjOfmmIKqOTxzVTUdW0+x+HUfhuDUo9XuHvjdCWKORYrVduNqmRVOSeThQOTSeO9b0y7i0jRvDdx52k6XaBVfy2QyTNzIxBA5z3x60CN7wp4T0m/8ADukXkWl22sCa5ZdYnmu5Ijp8fbAV1AG0E7mBBPHesm00HR7fQvEeuW0H9tQ6feLbWsM7OqiMt/rn8tlY8DAwQMkkjsNXSfFVhHpnhj+z/Ep8PNpW5b22MUzCfLAs4CKVfcOMNisV9Zs9Q8W6vquja9P4VFzLuhASVQ6E/MGaHJBzzjBHuKWoxnj/AMNW+hvpF9Y2sljDq1ktwbKRmY274G5ctzjnjPNcfXV+PPE0PiC+sbexmnuLPTLYW8dzcDElw2cvKe/zHnnn1rlKpXtqIKKKKYBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABW74J/5HfSf+vlawq3fBP/ACO+k/8AXytJ7AZeof8AITuv+uz/AMzXsGqaZrdv8ZrfWoILi00yKKF7m/kRktxCIxvDOcKQRxjPWvHr8Y1G5HXErcn6mq9K1wPa9N0zQLrWPDtxDpFjLZ3NtqUxja2UCVVfKbhjsOncVS8Lf2XrGgRao2hxXtzLqLJqFpp+jQyiOMr8iDcy+SmDnzB3HJryGijlC56df6aLXwrptx4T0Ow1CxkhuDqFzcQRzGKQHo8uf3e1QMYYAk/xZ53tRhfVfE9rPcabZ3gbQBLpIksovKurryx8m4ACTAyQhJA9BXidFHKFz2fSNMsIprK68QaDp66wui3c93p72iRqdjL5TvEMBGIz0AJ9qzNDGia34cHirUtP06GTQjP9rtYbaOKO6LjMIKAYPzHb+FeV1pxa7dQ+Gp9EiSJba4uFuJZAp8xyowqk5xtHXGOvejlHczmYu5Y4yxycAAfkOlNooqhBXrfgH/kWLP8A4H/6G1eSV6p4IkZPDFntOPv9v9tqTdiZbHpdl/qxV+uatr24VRiT/wAdFWv7Quf+ev8A46P8KaqI8+W5t0Vi/wBoXP8Az1/8dH+FH9oXP/PX/wAdH+FP2qJNqisX+0Ln/nr/AOOj/Cj+0Ln/AJ6/+Oj/AAo9qgNqisX+0Ln/AJ6/+Oj/AAo/tC5/56/+Oj/Cj2qA2qKxf7Quf+ev/jo/wo/tC5/56/8Ajo/wo9qgNqisX+0Ln/nr/wCOj/Cj+0Ln/nr/AOOj/Cj2qA2qKxf7Quf+ev8A46P8KP7Quf8Anr/46P8ACj2qA2qKxf7Quf8Anr/46P8ACj+0Ln/nr/46P8KPaoDaorF/tC5/56/+Oj/Cj+0Ln/nr/wCOj/Cj2qA2qKxf7Quf+ev/AI6P8KP7Quf+ev8A46P8KPaoDaorF/tC5/56/wDjo/wo/tC5/wCev/jo/wAKPaoDaorF/tC5/wCev/jo/wAKP7Quf+ev/jo/wo9qgNqisX+0Ln/nr/46P8KP7Quf+ev/AI6P8KPaoDaorF/tC5/56/8Ajo/wo/tC5/56/wDjo/wo9qgNqisX+0Ln/nr/AOOj/Cj+0Ln/AJ6/+Oj/AAo9qgNqisX+0Ln/AJ6/+Oj/AAo/tC5/56/+Oj/Cj2qA2qKxf7Quf+ev/jo/wpP7Quf+ev8A46P8KPaoDRu/uGuJ8V/8gPUf+vaT/wBBNb099cFTmT/x0VzHiSZ30PUNzZ/0aTt/smoc0zopbnjVFFFUdgVu+IfDf9g2OjXP2v7R/alkt3t8vb5Wf4c5OfrxXp+labfWces6DrGr3WoGHQGeSwhtAtlb5AKbWDAb++QgzyckioLjVNfsj8OrXR5J47a6tLdZUjT5Z+cMrkD5lCknB4GSeOtRzDseNVoaPol9rl00NhGpEa75ppXCRwp3Z3PCj616jftBovgvxVe+CCYLlNaaGe4tRteCDPAUjBVM+nFVPDMlvPpkt94phIC6mZ9ZDWvbycwNLGi5MZckn5Tljk9c0+bQVji/+EQkuLe6k0fV9N1aS0UyS29o0qyBBnLKJI03gY525Nc7Xr2oeLtPstN0q6vNdudWurb7RdiGaCZDPLIDGnll1CrABv754xt6gXDqGm6LB4etI/7Wu9Iv9H2DS7KxSSK8kYHzGZvMBMgOCflJGOMZNLmY7HitFev/AA8Dav4Tgh8Rw208VpdH+wTeylPNuApPk9DmPOPYHA9qwdMh8QSTeI/EGq61c6RLDMsN5LbQ+bdmUsNsacqVXtw4GAByKfMI8+or37UJpNI8V+Jr+1TFyvhmK43zRAM8g/jZTn5uB1z0qnZeJNVaT4eBrt2fVC322Y8yXCq+Art1K/MeOlLmHY8Nrd8IeG/+Er18aZ9r+yZhkl8zy9/3VzjGR1+td3p815o/g3x/JoO+3kt9TVY2t05hTzGBK8fLhc8jGOxFbWhO8/iTwlc6id2rzaJctdO/+tkTbiNnJ5JIB5PXFDkKx4bRXq/hu/tdC+HOh6la3d/bZ1N/7QGnWqTG4YH5IpSZFwpQ8A5BznHSvPPEotx4m1D7FZTWFuZ2MdrPHseIE/dK9selUncDLor1P4h32rabfWWk+FxIugTaUrQ29vCHhnQjdI5XBVm7luo68ZzW3HNeW/xH0HQNLDN4Wn05M2qjdbzwshMkjDoxzyWPOfryuYLHiNFev2+rT6L8PtFj0C5a3hn8QyQiWM/O0O/IUN1AOBnHXGDxWhrt7Ne6h8RdMuCpsLKzD29qqBY433by4UcbyzElupJ69KOYdjxCiiiqEFFFFABRRRQAUUUUAFFFFABW74J/5HfSf+vlawq3fBP/ACO+k/8AXytJ7AZeof8AITuv+uz/AMzVap711k1C4eNg6NKxVlOQRnqK9A8QfDy2sNYh0rTtM1ZBcmJIdWvbgC08xwCFO2D1O0YbrRewHnFFdRpvgHV9TVyjW1vsupLZvPdlwY1zI/Q/KuOT6kDFTwfDjUrmb9zqOmm1Nl9uW9aV0haIHBOWQMCO4IFF0ByFFdpa/Dp5J5lu9dsIYRpbanBcJHK6TRj22Blx3yM88BucZl94OutP0CHVptQ08x3KtJbw+ayyTRq20uu5QD2O3O7B5XrRdAc9RRRTAKKKKACvUvBX/Is2n/A//Q2ry2vUvBX/ACLNp/wP/wBDaplsRLY7CD7oqxVeD7oqxWR58txaKKKCQooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACkpaSgCGb7prnPEX/ACA7/wD69pP/AEE10c33TXOeIv8AkB3/AP17Sf8AoJpo6aW549RRU9kkEl/bpdllt2lUSlSAQuecE8A4rY7DQTxZ4jijijj1/VESEYiVb2QCMYxwM8cccUieKfEEcBhj13U0iKbDGt5IFK+mM9OTx713ifCvT/7U8R20tzdqlphdLfcv75zC0vz/AC/MMAfdx3qnefDmwj8GtcWct5Lr0Nna3ctsXTy9szkYA254AH8VTdBqcJp+q6jpEzTaVf3VjKy7We2maNiPQlSOKdBrOp22pPqFtqN3DevnfcxzssjZ65YHJzXo2pfDPQ7HV023d8+mRadc3V1JvQuJIW2soIXAG7HGCaktPhVpM3ijUbOS7vRYC1hlsJQ6BpHlRioY7cEfK3QDtRzILHmF9qF5qd0bnUrue7nYAGW4kMjEDpyTmrFtr2sWVg9jZ6rfW9pJnfbxXLrG2euVBwc1peIfD1toegaFMXmN/qMD3E6ORtjXdhABjOSM5ya3/DHw/g1Pw/pmpXtnq96NTuzAv9mqNtrGDtMkhKNn5u3y8AnNO6sBxEup386WqTX1zItmMWyvMxEA6/Jz8vQdKtR+J9ehvZbyHW9SjupgFlnW7kDyAdAzZyce9dPp3gOyv9T1fw0L14/ElnMwtd8irb3SqeRgjIbHPU/pWbd6RoMXiwaTp39q6qkKGNzaKpe7nA5EY2/Imc84c4GcGi6AyZfEeuTxGKfWdQljMZhKPdOQUPVcE/dOOnSoF1fUlNqV1C6U2WfsuJm/cZ5+Tn5fwr0Bfhtp7eKPC9pcLqen2+twzPPbXLL59u0ascbtijB46r6+vFaTw14LTwtd66JNcaCzvjY+V5sQa4baCGB2fuxyTg7qV0BhaV42vtI8Oarp9s1wl5qFxHP/AGhHcskkbKcnoMktk5OR171lQ6rrM+s/a7e+vpdTuCI/OSZzNISNoXcDuORgY/Cu1T4e6TF8QNa0a9u737BYac17FJEUMpACEA5GD949MZwOlRaPoOkStoHiLw+b2JE12G0uLa8kSQqd6srhlVeo6jB5PWi6A5C11LWvDtzPDZXt/pU5OyeOKV4WJHZgCDxk9agXVdRS1uLZL+6WC6bfPEJmCyt6sM4Y/WvRtQ8GLrPiDxVrdzaalqENtqTW8dnpa5mkcnJYna2FC/7JyT278d418Nf8Ip4nm01ZHki2LLEZBhwjDIDD+8Oh+nbpQmmBnR67q0WltpsWqXqWDAhrVbhxEcnJ+TOOvtSxa/rEGltpsOrX0dgwKm1S5cREHqNmcc554rqbfwroOnWfh4eIn1CS61wCVTZSoiW0TEKhIZGLnPJAK4H62h4D0fRtI8R3fiSe+ml0a8W2jSxdEE+4fLksrbc5BJ5wM8E0XQHCjUr4WsNsLy4FvBJ5sUQlbZG/95RnAPuKkbWdTeS6kfUbtnvF23LGdiZx6Oc/MPrXUnw1oWm6Vot1q6alJLrkjPBHbXEai2h3bQWJQ+Y3OcDYPpWL4y0a38PeMNR0qyeWSC1kCI0xBYjaDzgAd/SndAYdFFFMAooooAKKKKACiiigAooooAK3fBP/ACO+k/8AXytYVbvgn/kd9J/6+VpPYDJvXWS/uHjYMjSsVZTkEZ610viTxbpviDUzqyaXfWephYxHKmoI0aMgADbPJB7f3q5zUP8AkJ3X/XZ/5mq1FgO7l+KF2fFdnq9rZfZ4YIpI5LVJ8eYZOZWDhQVLHBBHTaOtQyfEEmO/j+zX90t3p0lkJNQ1NriVS7Z3bioGBwNoVfcmuKoo5UFzs7bx7FEbNLnSjNbw6O+kzItzsaRG6uG2nafbBqCDxlb2fhS/0W00ycJeR+Xia+MsKfPuEnlFf9bgAbgQOAdo6VydFFkAUUUUwCiiigAr1LwV/wAizaf8D/8AQ2ry2vUvBX/Is2n/AAP/ANDaplsRLY7CD7oqxVeD7oqxWR58txaKKKCQooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACkpaSgCGb7prnPEX/IDv8A/r2k/wDQTXRzfdNc54i/5Ad//wBe0n/oJpo6aW549RRRWx2HocnxYmkvPD9w2lDOlfNOPtH/AB9t5Xl5zt+X5c/3utRWHxQks/G+o67JpfnW17AsIsftOBGF27Pm2nONvoOprgaKXKgudrN8R55vBF7oLWOJ7ueSQ3vncqkkgkZNm3uR1z+FWf8AhaU40/w9BHp2JdHlieWY3GTdCMEBSNvy8Me5rgaKOVBc6bxH4ptPFHihtS1HTZo7RYVhitLe7CtGFHHzsjA85P3R1pLLxRZnw5Homu6XJf2ltcGe0aG6EEkO77yFtjBlPHYEc89Mc1RRZAdTpnjNdAtr5/DumjTtRu5MJeLOZPs8Oc+WisCecDLEnPtWgnxCtI9ev9Ui0I276pZNbXotrsRsXbG6WNth8skjJGGBNcNRRZAd/D8SLK0uvDstpoMqDQRLHErX+7zUdCp3Hy/vZOcjjqMemA/ijd4NutB+x4+0aj9u8/zfu/KF2bcc9Oufwrn6KLID1HQPGlhrHjzXNa1SGCyhn0WSEW810AJCAg2B8Ly2DwBmuaXxnBZWuk2Oj6ZJbWFhfrfyxzXQkkuZFIxucIoAwMD5ffmuToo5UB2DeOYrubXIdU0s3GmaxcfaTbx3HlyQS54ZZNh7cEFcH2rEuLzRZ7ud00i4t4DEFt4or3lGA+87Mh356kKEHpisqiiyA7Cy8bWZs9HTXtFbUbjRTi0mju/JDIDlUkXY24A+hXjj1zDd+ObnUPD+t2F9bLJcavepdvcK+0Rlf4QmDkduv51ytFFkB6F4Xvrm80fSYbyfw3c29jdMIm1S58uexUkEkKzoJF7gYfnjHaub8b6vba7431TUrAs1tcTkxsy7SwAAzjtnGawaKLa3AKKKKYBRRRQAUUUUAFFFFABRRRQAVu+Cf+R30n/r5WsKt3wT/wAjvpP/AF8rSewGXqH/ACE7r/rs/wDM0s2m31vfLZXFncRXTFQsDxMrkt93CkZ5yMetRXLO91K8q7XZyWGMYOea9S8ZeHNUvPitZ3h0a7n0xpLMSTm1ZoSvyBstjbjsaVwPLLi3mtbh4LqKSGaNtrxyKVZT6EHkGrUmj30WiRau8GLGaYwRy715cDJGM56d8Yr1fUbfTtIhLWujaUzz+KWsy01jHJsh4JRQRgDjHTjJxitX+ydLXRbixjtrRpodZvBpdncgfZ5J9o2o2eDwThTwSAOKXMOx4LRXp9jocl94Evob7RIdOvLVLqa4vJ7GMxyMGBCmRSr28inhUxtYdiDXmFUncQUUUUwCiiigAr1LwV/yLNp/wP8A9DavLa9S8Ff8izaf8D/9DaplsRLY7CD7oqxVeD7oqxWR58txaKKKCQooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACkpaSgCGb7prnPEX/IDv/wDr2k/9BNdHN901zniL/kB3/wD17Sf+gmmjppbnj1FFFbHYFFdR4h8JfY/iHL4a0PzZyXijh85huJaNWOSAB3PbpUg+H1/PLGunalpt+hvRYyyW8km2CU9N25ASp7MoYHFK6A5OiuuuPh5eWt7ewXOsaTHHp4X7XcmWQxQuxwsZITJY+iggY5Ip8Pw01Zmuhd3unWX2a/Wwbz5X+eRgCm0KhJB3D88kAAmi6A46iul13wNqGg6bNez3djcrb3X2S4S2kZmhk27sHKgHj+6TjocHNYul2n2/WLOzxn7ROkWN+3O5gPvYOOvXB+hp3AqUV2l18O7iI3VxLqem6daRX7WKfariR2Mg6DKRfN167R0OQKrXnw91XTrS6n1K6sLMW9y9qqzTEefIqb8K23aMryN5XP1pXQHKUV1Nr4A1S7uNNhjuLMNqVi19CWdsLGoJIb5eG47ZHvVqy+GWqX1naTx6lpUb3lmb2GCWd1cxj7xPyYXHuQPQnmi6A4yitjxB4bufDz2ZnuLa6hvYBPBPbMxR1yR/EqkdO4rqfBXgK3u9XsP+EhnsmS8s5LqPTjNIszR7TtfKjaOmcbskdqLq1wPPqK6m08A6hd21oUvtPS9vbY3VtpzysJ5Yxkgj5dgJAJALAkVp6h4IivLLw+dISGz87SDfahdXEreWmCcu3UjsMKO/Si6A4OiuysfhnqmpTJ9i1HS5LSS1a7jvTM6wsittfkoGUqTyGArD0zw/PrPieLRNMubaeaaQpHOGYRNgElsld2MA9s+1F0Bk0V1Nl4Q83+2A11a3S2FkLoTwXLKgGccqYi2RyCjBG4+mYPF3haLwtdW0Mer2+oNPAkxWOKRGQMMg/MMEenOfUCi6A52it+38J3F3oFzqdrqFhM1rALiezSVjNHGW25Py7M99u7cB1GeK2JvhbqVulwZ9Y0eM2sEdxOrTyZiifox+T9PvegPGS6A4iiuql+H+pW2p39te3un2sFhFFNNeyyP5O2TGzGFLknPTb2NTzfD6Sy0bV7vU9YtLS40u4WBoDHI4k3DKkOqn7wwRx3520XQHHUUUUwCiiigArvfhD4b0rxR4uurLXbX7Vbx2LyqnmOmHEkYBypB6Mfzrgq9R+AX/ACPt7/2DJP8A0bFSlsCPUP8AhT/gb/oB/wDk3P8A/F1U1L4b+FNAtY9S0nSvs93BcweXJ9olbbmVFPDMR0J7V1eow6zNeRNp01vFDEc7XZsyHvu46e34+mIvE5Y+HcyAK32i23BTkA+fH3rC7LPkzUP+Qndf9dn/AJmq1WdQ/wCQndf9dn/marV0LYgKKKKACiiigAooooAKKKKACvUvBX/Is2n/AAP/ANDavLa9S8Ff8izaf8D/APQ2qZbES2Owg+6KsVXg+6KsVkefLcWiiigkKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigApKWkoAhm+6a5zxF/yA7//AK9pP/QTXRzfdNc54i/5Ad//ANe0n/oJpo6aW549RRT442llSOMbndgqj1JrY7DtLzx3p0/i7/hJ7bRryDVVZHXdqCNCCqhOU8kMQQP7w69aW1+IFppbgaNoskEMmorf3KTXvmmQqcrGpCLtUHPUMfemS+ALdfEcPhyHXFfWvMjSeFrVhEm5dzbJATu2jrlVz29Kn034c2uuXMH9ia3JPam/NjcyzWXltC20lXC7zuU4PcEccVHuj1Kek+P7jTLzWyIrpLXV5jOy2V6beaF95YFZQp7Eggrg+1PPxAzA8R0+V92rRakHmvWlciNVXYzMCWJ2/e/IY4qUfD+ynbTWs/EKtb3eoPp8k1xa+UI3Vc5XLncD0GdpzjpTofhrPPrt/ZJNfmGwtRcSj+zH+0kkkBFh3fMSRwQxXHOe1P3RalW/8aRazZ32n3Nj9nh1HVxfyS/aD+6UgKV4Qnpzuwf901jy3OnaR4wS60Vpbuws7pJYDK2GlVWB5O0YzjrtH0rob/4cHR59Um1jUpLfTdPjhfzltN00pl+4nlFhtPXOW4x3pkHgzR73w2lzp2q3d1fT6t/Z9syWoWGQlQy5DMGXggluccgKQNxLoDYv/Feh6l4Je61ayFzLca691/Z8V+sckYK5ycocoeVPyjrwRWbafE0w6pqWpXGltJc3zPuSK8ZIHUpsVZYiCJAo6EbT61Pe/DGLS9T0xb69v/sVzqg06Z308wSbj0aMMxDoeRv4xjOD0qhqXgixjtdRvNM1O4eCz1VdO8u4tVVskkE5DkED6DPoOlL3R6lnSfiVBp9vpxn0P7TeWFi9hHMLsovltnnZsOG5HOSODwM8QWvxE+zfYP8AiV7vsekSaZ/x8Y37/wDlp93jHp+tWL34cWWl2uu3OpeIGhh0i6W2Gyy3tcMyBhtG8YOTjk4757VzHh3RBrt9JblrzMcRkEdjZNdTPggYCAgd+SWAp+6LUk17xF/bmn6Na/ZfI/suzFru8zd5uDndjAx16c10Wm/Ei2tbzT9RvdDa61OxsTYrOl75cbpggMU2H5gDjO7B546Yi1H4e2+izatJrOsSQ2Wn3MVqs0Nl5kkrugf7hddoCtz8x9s10Pi/wZYT3+qPYxWdokVxY26eVbsCvmgAsoV1XvkgqSfUUroepzdn8QIbeTTtQn0cza1ptmbS2u/tZEe0AhWePaSzAMejAHPIpY/iKwgs7W50zzrSPS2027jNyQ1wpOd4bb8jA+zd6syfDuzTVNRs7DWGvbjSLmGO6jms/KjdHkCkqwl3HGeRhfY96Ln4dxTXevmC92HTbxrcW9nZyTbRtLCR13s6R5G3d85z9KPdDUrD4gxW+jy6RYaQ0Nh/Z0tlCkl1vkRpWDPIzbAGJI6AKK5XSryKw1S3uriBriOJ9xjWZomPoQ68qQeQfUDg9K6+LwJHfaVo92bmCztpNNnv7y4SCRmRI2xyC5DMcjAGwVXtvC2m3fhrUr3Tb9LyOGW1RZZrSSOaMyPtK4EmwEd+HB7EU9BE998SPti36/2ZIftelLp3nT3fmTHBz5kj7Bvb8BWH4m8RQeIzZTmxktry3to7eVxOGjkCDAITaCp/4Ea3tU+G8FpNqdpputte32mz28MsTWflIxmfYuH3nkZGeMc8E1Fc+ArCOLX0ttdmmu9Bi33EbWOxJGzghH8wkgHPJUduD2FyhqWf+FnRP4bk0iXSLgQy6etk0cN/shTbk+YkflkBiTySST6iqupfET+0P7a/4lfl/wBqWMFp/wAfGfK8v+L7vOcdOMetV/CPgObxRps9+011HbxXEdsBaWRuXLt1JUMu1VByTn8K6nT/AATB/ZOn6Pe21mbz/hIZbSW4eEtvRYmIBKMrleAcbhS91D1Mc/FKc6pfzi0ure2vrWGB0s79oZo2iGFdJQvHfIKkHpWbN40gu7HWrK+0+6ng1OSKVHa/LTRvGuAWkdW354zwPbAxh+s+GdG0/wAF22rR3l79unu5oPK8hfJyhxgHfuUe/wA2fQda4+mkhBRRRVAFFFFABXpnwKkMPjPUpFwSmkysM+0kdeZ16V8D/wDkbtV/7A83/oyOplsCPav+Eguv+ecP/fJ/xqDVNQlv9An85UXZc2uNoPedPf2qjT5/+QBd/wDXzaf+j1rAs+X3eR5GefPmscvkY+bvTas6h/yE7r/rs/8AM1WrpWxD3CiiigAooooAKKKKACiiigAr1LwV/wAizaf8D/8AQ2ry2vUvBX/Is2n/AAP/ANDaplsRLY7CD7oqxVeD7oqxWR58txaKKKCQooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACkpaSgCGb7prnPEX/IDv8A/r2k/wDQTXRzfdNc54i/5Ad//wBe0n/oJpo6aW549SqxVgykhgcgg9KSitjsOqn+IGpT6hBqS2enRarG0bPqCQHzptgwN2SVGR1KqpPQ8cVLB8RdRsrq2l0zTdNsI4btrx4II5Nk8pBGX3OTgAnCggDPTpXV3r2p+MTeF30TSpdJuGjgMMenwxyRholYusqqHBBJOc+tZ6fDrSn8ReHbFLi9eDU0umndXQlREWClTtwAdoznPWouhnJp4uvBp8FlJa2U0EN897smhLh2YYZWBONuPoR1BzVx/iBqLzIv2KxFglj9g/s7bIYWiznBJffnPIbdkdqk1HQNC0Tw9pcupvqEt9qlk11HJbsgihycIpQjLdDkhhj0NdRrPgnQYLrWrvUZL547D7IscdoIIN5lUDnbGFHJHIXP1NPQRxlr4yuLQ3sKaXpradexJFLpxicQ/J91gQwfcOTu3ZOeSeMJH4zvIrCa0jsbBEa9F9AY42jNpMFCgxhWA4AHDBumTk8103iDwDoOn2utDT59RafSbq3id53jKyCYjgKFyCAR82eTngVX1LwHpVneeLY1ubsRaILYwOxVs+ZjdvwozjnGMUXQamBfeL5rvUodQi0rTLO8ju1vHnt4XDSyKc5bcxAGeSF2gnmrsfxDvYpLwppOl+XeXK3jQtHKyJcDP71QZCc89CSvAwBR4w8M6ZpFnb32gvc3VhLJ5SXjTxTRzHYG/gw0bAkgowzxnNUPBFhYap4002x1a3e4tbiYRvGkvl5z6kDOPYYPuKNLXAm1nxzqet2epW13BaImpXaXkxjRgVdV2gLljgYHfP1qp4f8T3Ph6G+ghtbW7t7+NY54blX2sFORyjKfwzg9xXYWfgfw7dx3Go3Lz2Vi+ptYxI+qW8XkBc7pGaVRvHTCKN2AeTTtE+H/AIeu7bSVvby/nn1K/uLNJbSWMRYjJxIMqSQQOmec9RjlXVhmHdfEe/v3uv7Q0nSrqG7eKWWCSOXYZYxtEgxICCVABAO0gdOuZj8R9Q1LUn/tOGzht7y8tZrl4onBQQkY2jcew5GD7VqW3gDQb+98PfZJ9RjtdSvriznErxl/3efnXC4XOOh3fWm6R4A0XxIok0ua/s47bU2tLn7TKkhkjEbPvTCKFY7SNp3Yz1OKPdDUp+JfiCX8Rao/h23sora6vUne6jjkWS7VDlQ4ZuFzgkKFzjnvWdb+P7631651n+zdMkv552uEmeJ90Dsu07SHBIwfutuGecVtaB4K8PeKH0260+TUrSzm1B7G4iuJo3k4iaRXRggHQcrtP171Z0rR9FW1F9ohuvJtfEVpbIbtYWd/mGW3CMMoJ/hDY9cmjQDmoPiDq0H2BfJs5Y7O2ltGikiLLcRSHLrIM88/3dvSov8AhNLqPT7qws9N06ztbloGMcEbjaYm3LgliTk9SxJPrXZav4W0TxN4s8QNbHUILqz1OFbh5JUKSpLLsbaoTKEZ4yWzj8se88EaPZ2et3M93dxQ6brEdiJDtYCEn5mIC5LAc8Y+lF0Bi3njbUr+51mWVIIW1mSF7h4VYGIxMGUx/NxyO+fwrpb7xjBF4X1yCbX4dYudUjjiiW3077LIOhZ522KGIAx95/ryTXPeNPDlnoc1vNpHny6fcGRYrhriK4jm2tgMskeOSMZRlBU9zWzH4D0eLwra3d/qK295eac97FLLqEEcat/BF5LfvGyAfmB4PY09AOX0nxHNpmmXWmy2drqFhdOsj212H2h16OpRlYHtweRWjYfEHU9OFqLW009Vtb9r+NBCVUOyFNuFYDaAeg5966JPAvhc+IvDmiGfVWutVtlubiQSxhIVMbNhRsySSp+g9azLjQfCdppN1rLjWJ7BdQFhBElxEsrELueRjsIAx0XGfU88F0xGL/wls8uirpd/p1je26XT3UfnCVWjZiCygo6/Kcd8nnr0rEuJFmuHkjhjgVmyIoyxVPYbiTj6k16JqngPw/4e0XWr3VLrULlrO8W3tEt3jTzA8SyLvyrbSN3P04HNc14Q8PRa7PdNdW11Pb2yoXMN1DbKm5gMvLLkDjOAASx9KE1uBzlFev2/h230jTPEegwyvJbR67YQq8iqzFWYdQQVPXuMH07VRs/h7Zan4pv7e9hvUt21KW1hu0uLa2QbVJ+WMrmQ5HKoqgD8gcyCx5dRXZnwnpUvg6S+06e5vtQtkle7EU0QFttcABoWw5Ugk+YrEDHSuMqr3AK9K+B//I3ar/2B5v8A0ZHXmtelfA//AJG7Vf8AsDzf+jI6mWwI9Vp8/wDyALv/AK+bT/0etMp8/wDyALv/AK+bT/0etYFnzNqH/ITuv+uz/wAzVapbh2kupXkXa7OSy+hzUVdK2ICiiigAooooAKKKKACiiigAr1LwV/yLNp/wP/0Nq8tr1LwV/wAizaf8D/8AQ2qZbES2Owg+6KsVXg+6KsVkefLcWiiigkKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigApKWkoAhm+6a5zxF/wAgO/8A+vaT/wBBNdHN901zniL/AJAd/wD9e0n/AKCaaOmluePUUUVsdh0k/j7xFcSzTPd26XE8flyXUVjBHOy4xjzVQP0AHXpTNN8d+I9Itbe30/UBGlsrJCWt4ndFY5Kh2UttJ525xwOOK7fW/CvhoXev6ZaaUlkdP0+G6jvPtMrMHYruyGYrtwemM9eemIbvwpof9sa7oiaI1umk2KXEWp+fKXmYbfvgnZh9xxtC9OPaLoZw8Pi3WoNITTEvAbaNHjj3wxs8Sv8AeVJCpdAe4Uin3fjLXr9LpLq/8xbwxGceTGN5i+50XjGO3Xvmu08TeHPDsP8Awltnp2jLaPosVvJBcLcyu7M5G4EMxXbg4AxnjrWD4W0zTH8DeINZv9IXU7mweEQo8siKoYkEsEYEgdeo6dRTutxGNd+Ltcvlv1ur4uNReOS6xEi+Y0eNh4Hy4wOmKs3fj7xLe2U9rcaiDFc7fO2W8SNIVxhmZVBLfKvzZzwOa7DXfC2g6HoV7rkOjrcS+TZt/ZtxPLsszKMsW2OHPTAy38Xfip9R8LeF9A07X9RudHe7+zRWssFpJcyL9neYHMbEEEgEg88+9K6GcUvjfUrq9sm1zy9Qs7Wfz2tRBDGszkYJf92QxI6lgx/HmsdNTnttb/tPTsWcyTmeERAYiO7IAHTA6Yr0iDw14Yubzwjpf9kCOfVrNby6nFzLl8KzeWi7iBuK4JPbpg1zet6Zp1x4Hj1220caLcrqT2ZgWSVlmXbuz+8JO5SNpwQOvAPFNNCILXxF4te2vtTtIPNs3lWS6kXS4nt0lXo5Hl7Efn72ATxzVGDxlr1s1m0WoENZTyXMBaJGKyP99iSOc5PXNdzpyy6j8MPDOm2OnRSTXmpS2523EkRZf4zu3YG5cg5BGOi1cj8BaBeXGjym0tx5gvGlg06a48u6MP3UUzfPnsSuAcHFK6GcV4Y8bXOma7pEuryyz6dp11JciGGJNwZwdxB4zknoTio9b8U+JYtXjFxJPpz2tw11BCLVLZlZud7KqjcxHds5BPPJra0O3tb/AETxFdR6PPpATR3YJBdTiKZ1kwSAzZI7FWZhkdq6bxtYw3MPieWUXTlG01BHBM43htoI2A7Wb0yDg9KLq4HnDeO/ETXlpcrfJE9nI8sKw2sUaK7ghmKKoUsQTyQTzVO18SatZWZtba72QtdpeFfLQ/vl+62SM8enT2rovHeiaXa2NtqXh6wS3097h7fcJZhIrqoJSWOUZVwd3Kkrx0FanhDwXYX+hxHWbG133tpdXEEpuJzcYQAB0VB5aqD/AHySSfwp3VriOak8V+K/EU32aKaS5neYXLLZ2iLJK6ch2Mahn29ec4x7Uy98feJdQtzBc6iPLMy3BWK3ii/eKdwf5VHzZ5z1PfNeheDdJsdE8T6Ja2ulLPNdaK17LqfmyFtzK2QADs2Dhfu55HNeNUKzA1dX8SaprscEepXCPFAWMccUEcKKWOWO1FAJJ5JPNSQeK9Zt9Lj0+K6TyIldIi9vG8kKuMMEkKl0B/2SK7Oy8HafH4KvLjU9Os1vYdJGoRkXE7XHL/KXAAiVCOAv3uOvpkfEuOxttWsINP0iy08NYQTM1srqXLL3BYj8cZPcmi6egGVZ6/4kvvEFje6fJNc6nZQCG2MNsrskaqRjaFwcAnkg1X0vxTrGjpOljcp5VxIJZIpreOZC4OQ4V1IDD1AzXpvg3SbHRPE+iWtrpSzzXWitey6n5shbcytkAA7Ng4X7ueRzWJd+GfDVl4RgEoja9udGN9Fcxi6eZ5vvEYCeSIwBtJPI6nFK6Gcjq2s+Imtp7HW5blUvZhfSJcw7WkcjAfJGcY6Y4qDR/EmqaFHNHplwqRzlTJHJCkqkqcq211IBB5BHIr1XXND0i9km1bV/s0zWOj2CpBdPOsahs5kbyAX7YHbJ5rnr7w94f0nTdT1Ww0iXW4v7VjtILeczxeRE0YfOBtfJLbVLZHQ4J6l0By8/jrxFcyTSS36l55op5WW2iUvJEcoxwvJH6981Jb/ELxPayPJFqQ3tO1wGe2ico7feKkqdoOOQuAeeOTXXWmlaPfWvgyzuPDVtAt/fXEFw5MqzKElA2s4YZbGQcjjnaF6VSi8J6TBpUV7faVdyxv4le0UWxdpJLVVbKquefmU8/e4PNF0By8njTXpNPnsmvIxBcI0cgS2iVtjHcUDBdypn+EED2rBrqvHGj2mnXNjd6TbW8Wn30LSW8ltNK6SqHIztlG9GxjIJIz0NcrVIQV6V8D/+Ru1X/sDzf+jI681r0r4H/wDI3ar/ANgeb/0ZHSlsCPVafP8A8gC7/wCvm0/9HrTKfP8A8gC7/wCvm0/9HrWBZ8zah/yE7r/rs/8AM1WqzqH/ACE7r/rs/wDM1WrpWxAUUUUAFFFFABRRRQAUUUUAFepeCv8AkWbT/gf/AKG1eW16l4K/5Fm0/wCB/wDobVMtiJbHYQfdFWKrwfdFWKyPPluLRRRQSFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUlLSUAQzfdNc54i/5Ad//wBe0n/oJro5vumuc8Rf8gO//wCvaT/0E00dNLc8eoopyOY5FdQpKkEblDD8QeD9DWx2HQavZeKtMtRf6xPdxpqESxuz3m55EK5VZFDFgMDIDAdPas2TXtYm0+Owm1W+ks4tvl27XLmNMdMLnAx2r1/X4l1vxBqtjNY2t3cr4aWSzjSzjMplKj7mF3EjsB07YqjeaPpOjWdtBPaaTba7/YMRt1vVhELz7yJCxf8Ads+OhYnvUcwzyqXV9Sma5abULqRrsAXBediZgOgfn5se9a2ieL7vQPDepabp/nQXF7JE6XkFwY3h2HkDAycgkdRXpU3hmO7h024tLbSBeR6R5tx9h0uK7M0jSBd0cQKxueDlj8qjpwQa4Xx/pcOm/E2eC2s0trSV4ZIUSIJG6si5KgcbS27px1FO6egHPQa/rNtqEt9batfQ3k3EtxHcuskn+8wOT+NQyarqEsdykt9cul24e4VpmImYHIL8/Mc9zXrt1Dot18TNV0ddI062On2bHT4LfT4naecoGLFCVEjAE4QnHHTNVJ9Ks5P7Zn0Tw+p8QpY2zR2F5YRBuTiWVLXLqpICnaQSM9OeVzIR5XJqN7K1u0t5cO1qoW3LSsTCByAvPyge1SajrGp6w6Pq2o3d80YIRrqdpCoPYbicV6VYeHDq2k2JGh2CX0XiMf2hHbRoUt4tuWVzk7Uzn5ScZ+UDPFXZNEsrtfEVhaaJZWohu7t/t8loksCoqcRu4YPbY4KkcHng80+ZDseSpqd/HDBDHe3CRW0nmwIsrBYn/vKM8N7jmrc3ifX7llNxrmpSlJBKpe7kbDgYDDJ6j1616Vb+EEX4eXqS2NveSHSEuraW201f9YWLZW53GSR8feUDaBgcdKsazZaS99rulvpGm21pa6JFdLLDZosqSEJl94G7OOw49uTS5kFjza3n8Ta8mp3kV/fXfk2ub6SS8OTAD0bc2WXP8PP0rPn1rVLqOZLrUryZLjb5yyTswk2/d3ZPOO2elew3Omz6fZeMba00q1tdEXSVXT7qO3RPPXC8+b1kz1JJOOOmeY7zwdYW3hmSLVrSB47a6si9zbaYsCpAdvmskwYySpg/M7cA/kDmQWPIL/V9S1VYV1PULq8EAKxC4naTyxxwuScdB09Kms/Eet6fapbafrOoWsCMWWKC6dFU+oAOAa7j4l2FnaabiPRns5Y9RZbe5XTobSKSArkKpSRjMBgHzCO/OCcVD4ZstF1PwraatfWsOfDssj30axqDdRsC0Qb+9867ee3FO6sI4+HxPr1tb/Z7fW9Sih3M3lx3cirkkknAOMkk5+pq54jm1g6ToVtq9ukNvFZ77IiQuZImOdxyzY6dOAPQV6Fb6XZ3Vxpxi0TTX8KXGlvNe6iLSMGOUqxY+d95GV8KEBGBxjjiR9Nh1Xw5bW5s47y9/wCERRrSLyhJJvDdYxgnOPTmlzIZ5bD4m163tY7W31vUYreNSqRJdyKiA8EAA4Aqtc6rqF5aQWt5fXM9vbDEEMszMkQ9FUnA/CvX4PDUNnczW0Oiafd6hb+FoJUha2SVXud7AtjGGYkYz36c9KLGKS0LQ2+mWcGv3Xhmd7uxj0+Lc0oYeWDDswGZSSUA5wMjgUcyCx5Ra+I9csbNbSy1nULe2QkrDFdOiLnOcKDgZyfzqJNb1WLS202PU7xLBs7rVbhhEcnJymcdfavUtJ8JSP4LuWvNPtrie50q5njjg0hMpcZJUeeTv80YI8pFAAB445txwDWNQ0OTU7CCWFvDiNYsumQukt2FP7sfdVyBkiIttz2FHMgseSxeINZgvVvINWvo7pYhCs6XLhxGOiBgc7fbpRba/rNndT3Nnq19BcXP+vliuXV5f94g5P416YlppsF/r14fD0Uc9toMdwYNR0+OIeeGx5nkKzCPIAO3I78YPNnWrHTJbLWrZdG0yIR+Hob8SQ2aI/ntjLBgPlHH3VwOTxzRzIDyePW9Vis/skWp3iWxkEphW4YJvByG25xnIBz1p934h1q/Km+1e/uSkglXzrl32uBgMMnqB361WvLC806YQ6haT2srKHCTxlGKnocHsfWq9WItahqd/q1wLjVb25vZgoQSXMrSMFHbLEnHJ/OqtFFABXpvwIj87xrqMWdu/SpVzjpmSKvMq9R+AX/I+3v/AGDJP/RsVTLYEe1f8I5/09f+Q/8A69VNZ07+z9Am/e+Z5lza/wAOMYnT3966asfxV/yAG/6+bb/0elYFnyReNuvp2+bmRj8wweveoKs6h/yE7r/rs/8AM1WrpMwooooGFFFFABRRRQAUUUUAFepeCv8AkWbT/gf/AKG1eW16l4K/5Fm0/wCB/wDobVMtiJbHYQfdFWKrwfdFWKyPPluLRRRQSFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUlLSUAQzfdNc54i/5Ad//wBe0n/oJro5vumuc8Rf8gO//wCvaT/0E00dNLc8eooorY7Aq9pepDTZ5HksLO/jkjKPDdxllwe4KkMp91INeu3njKzuviNLbzarC1nDphTTpYbpI4orloxl/M2sqvjcu8g46UWWo3F8nie40+4tbTUF0a2RrkanHMTIHYB3uAqoJCNvzA4HHzA9I5h2PKNd1+61+5gkuUhghtoVgt7a3UrHDGOygknrkkkknPXpWXXsEmsaddx3+nTarZz6xN4cW0nunu0EdxOGyF85m2MwUgFs8+pxT72/sYNPks9A8QWKa3FoNlbW96l4kS4SRvNRJSQEYjHBIJGKOYR5vqvhW+0iSNbmazYyWSXoxcKv7t84AD7SzcfdXNYlez6zrWmz3esrca3YTPN4Zht2njnVlkl3ncBj7zd8DmpL+50pNAFkmvW18tpqNlNbNcanbsBEm0M0UShRCo5GzJbgkijmY7HilattoF1deGb7XI5IRbWUscUiMx3kv0wMYx+Ir1O88U6TqWoa7Fr+p215pketWrW0PmI6+UHO9kUdV7sR15znNRajqH2zw/rNlr3inTp1utZga1IvI7ny7fzPvBAThQP4DjGDkAHJOZhY8cor3W41XQY5tGfU9Xh1BLHVpXL3WqQXMiIyFY3AQYVN+07VB2cE4xiuA+Imo/bxpazPDPdQLMj3I1SO/llTeCu940VQBlto64PIHdqVxHE0V7Z4JvWmvfCMOhazaw6dFZut/YC7VHknw27MOdzknBDYIAHUVHo17pc2peE76XWdOtotKhu47hZ7pEdZGLBV2E7uc53Yxx15FHMOx49PaSW8EEsjQlZ1LII50dgAf4lUkqfZgDUFerafr8NpY+FhY3dhJPHpFzBNHJfrbSRlnHCy9IpMcgtgYz61yHjOwgbxJql3pupW+oWyOheczwh3ZgM4VceZz1ZFweSe5ppiMyw8Oatqej3uqWFm01nYAG5kV1/dg98ZyfwFIvh/UTYWt60cMVteJK8Ek1zHGJBGcPjcw5BPTqe2a6/wR4oTwx4G1e4imt2u/ttuy2ksgBuI+Q67epG0kE44rrF1TwvZx6Wmj6rapZnStTZYpbhQ0DSlGWJhng5JAB5OO9Jt3A85J1TwXpZT/Q5YvEemA/xMyRMc+2G49xVKy8K319a388U1mFsLMXkgFwsmUzjA2bgG/wBk4I716PY+KLUf2Bp0mr2w07/hHHiuoDOgjMuwgJIM4LdMBuRk46mor7WtLe11QJqVmxfwnBboBOp3SgnMY55YenWldjPIqK7v4calZWFnraGf7LqksMf2SYX0dmxUNl0WZ1ZUJ469cY4rpNH1+3l8Va7GLjTNMttQuoWuJrXU40kiwuWYO6COdC27cgHJY4yOabYjyCivTNNvrS48AXul3Wr2cFnAl08MsNwiNOxcFVltHXLE4yrpyg4yCDV7xVr+mXXhG4t9NaCXTZrC3FvFJqsf+jSIRwlqqb1fOcsTtI6ntRzAeYajqd3qs8ct9IrtHEsKBI1jVUUcAKoAH5VUooqgCiiigAr1H4Bf8j7e/wDYMk/9GxV5dXqPwC/5H29/7Bkn/o2KplsCPoWsfxV/yAG/6+bb/wBHpWxWP4q/5ADf9fNt/wCj0rAs+StQ/wCQndf9dn/marVLdSCW7mkVgwd2YMOhyetRV0mYUUUUDCiiigAooooAKKKKACvUvBP/ACLNp/wP/wBDavLa9S8E/wDIs2n/AAP/ANDaplsRLY7CD7tWKrwfdqxWR58txaKKKCAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACkpaSgCKboa5zxH/wAgS/8A+vaT/wBBNdHN0Nc54j/5Al//ANe0n/oJoR00dzx2iiitztNufwlrSX8lpaafd3zxhNxt7ObgsMgEMisOPUc9s1Jplt4ot21PRtL0+/MlxGqX1olmXkCg5G4bSy8/Suz8UeNdHvdL8TxaXqTmXUFs0hCRyJ5qoAJASQMDrwevvUmu+LNB16x1XToNaFg9xJaTx3kkEuyTy0VWQ7VLAggsOMEjr3qLsDz0+HtQ+x2k0cE0sl1M8EdultLv3qcEZKbWPspJHcCtS/8AAmqWGg6ZdyW94b+/nlhGmm0ZZU2DOcdTkc9BxXYaJ410Gx0zTrS91ee4nSW+SS8kgk3x+aMJMepOfQEnmo9J8U6Bodv4RtZNaF//AGXdzvcyRQShY1kQgbd6gkAn0zwePUuxnnUGh6tcpG9tpd5MsjMqNHbuwYrywGByR39KuW3gzxJd6pDp0eh3yXc6GSOOaBotyjq2WwMdOfcDvXo2ieLvDGhW2kW664J2tbm6mmljtplVfMjO3blcnkgZwD7AVjeHPGGlWdv4TOpXzmWxvLuS8LRu5QSggMTj5sk5OMmndiOGi0PVJtbTR00+4Gou4jFq8ZWQMRnkHGOOee3NWpPCPiOLU5tOOh6g13AN0kMds7kLkjdwDlSQcMOD2NMsJLXR/FtnN9rS7tbW7ikNxAjgOqsCSAwDfgRXew+J9BtW162h1HTp2u9UXVLW5uorxYT85IRhGFcMvUcFTQ2wPPrTw5rd/GXsdH1C5QMylobV3GV+8OB1GRn0pJPD+sxNbLLpN8jXhxbBrZwZ/wDc4+b8K9ItvHukBtNMupBNviGS9u1htpI0MRHD7Pm4zzjJNSaJ4msdX1bQ7SO9e4vT4mluiHV8mJshW3EY9OM5FF2B59bWfiXwrqFnqcenX2n3BfbbTTWbAOxBGFDrhiQTxzVe80DXbe+hhv8ASNQhurxj5Mctq6NMe+1SOevb1r0m28WaN4V1XUBe6k2ry3Ot/aXSOKTNsq7gWYuBlwTjCkj5etVNI8UaFoUlrbz60uqiXXBftcLBMFtYxnLEOoYu2eQoPfnplXYzjbXwdqkm039vcaepmhjxcWkwJEj7QwO3bj/eYZ7ZpfEng3VfDup3ML2d5NZxTmCK9Nq6RzHOBg8jJPYE10tl4w094/EUmo6i8k99q9tcQs6OxeJJsk5xwAoGAccDAFW9X8VaFBe+JtQg1X+1jrVxB5NukEitEqPu3uZFA4xhQCeo6dnd3EedyaPqUTXKy6ddo1qyrcBoGBhLHChuPlJPTPWm6hpWoaTMsWqWNzZSOu5UuYWjLD1AYDivStZ8U+Htvie+07XC15q11Zz26RWshaJYnViTvVVLj5jjO04HPPHP+PdX0nV7ayltL2O71EyzPdNaLOluQxGGCS/ddsZYJ8uaE2Bzdp4e1q/tRc2OkX9zAQzCWG2d1IU4JyBjg9amh8Mas2p2ljd2N1YyXgLQm4tZvnAGchVQsw/3Qa7bwt4x0nTNO8HW91qLRDTbq6mvEEchEe4MEbgcn5u2cZqTRvGejQSeFpL7UG32V7ezXjNHIxUSbtrE4+bOR0yfWi7A4OPwxrs8LTW+jahPAFL+dHaSFCoJG7OOnB59qD4c1FrezktLae7N3C0yxwW0pZUU4J5QBh7qWA7mu9tfGukRap4OLak62umpc/a18uTbGz7wpxjkkN1GetLovjTRbCz0MNqLQzWeiXdtIVikzHM7AoAQO/qOB60XYHAzeF9fto5pLjQ9SiS3TfM0lpIojX1YkcDg8moF0XVX0s6mmmXjWA63Yt2MQ5x9/GOvHWvR7LxvpEcekR3Gpvst/D09pKpjkIW4foMY5J/vDj3qOw1vwnbeEbm0h1OOO7u9GFo0lyt08olySUIAMaxj+HaCeecdy7A8uoooqgCiiigAr1H4Bf8AI+3v/YMk/wDRsVeXV6j8Av8Akfb3/sGSf+jYqmWwI+hax/FX/IAb/r5tv/R6VsVj+Kv+QA3/AF823/o9KwLPkrUP+Qndf9dn/marVZ1D/kJ3X/XZ/wCZqtXStiAooooAKKKKACiiigAooooAK9S8E/8AIs2n/A//AENq8tr1LwT/AMizaf8AA/8A0NqmWxEtjsIPu1YqvB92rFZHnS3FooooJCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKSlpKAIpuhrnPEf/ACBL/wD69pP/AEE10c3Q1zniP/kCX/8A17Sf+gmhHTR3PHaKKK3O07PX/AM8Hiy40rw8DPFDHAS93cxRfNIowu5ioJJzgDk4p8fw8up/B/22GNk1WPUms54bi5ihiQAerkDcWIA+bnsK2n+IXhifX7zU5tMuPPdrZoJ5LOGdwsagMgV2Kx5I++MnB6DFV9X8Y+Ftbsp7O5bWIY31dtSWSK2jLYIAKY80YPX5geODjtUXY9DmIPA3iGeSVPsCwtFc/ZD9puYoN039xd7De3suabF4I8Qy6Zdah/Z/lWtm7R3Ek80cXlsuMghmBzyPr2rp9W8faL4okj/tqG/sltdS+1wfZIklMkZABRtzLtb5R8w3Dk8VT8SfECHXdEkhit5YLqTWDflDgxbNm1VJzknIHbFO7Foc/qPhLW9J00X+oWXlQEoG/eozxlxlQ6AlkyP7wFM0jwvq2uW0lxp1vGYI5FiMs1xHChduiBpGUMx9Bk9PWum8V+OrPX9NvvsrXNvNqPktcWosLaOMOnJJnUeZIM9AcYz1PSszTdc0e48IJoHiD7dBHb3v2qKexiSQuCuGRgzLj2bJ69OKLuwFW38DeIbiK6lFgsMdpcfZp2ubmKARycYUl2HXIx654qz/AMK91uPTbu8u/sdt9juBbzQS3cayhiM8AsAeOgzlu2a7C/1nS/E3gPW9U1UXllaXGuxlBbRpLIoWFVAILKOQOueD61lan4/0vXLfV4LyC8tUnuoJ7NokWUlYl2hZMsuCQAcjPXpxyrsehg3PgXV11bULS0tz5dgyLNNeSw24QuAVBJkKZOeAGNZE1rqmg64bZ0uLLUrWXaAhKyI/baR69iOuQRXaaz430LxC+t2l9HqFtZX15DeQTQwxvIrJGqMrIXAwQDghuPSsLXvFaap42g1q2tSsFo0IghkI3OkWMbyOMnHOOmcc4zTV+ogu/AviZI7q7u7RHMLKbk/bYXkjZyMb1DlgST3Gao3PhTWrR9SSeyKtpbxpdqJEYxtIcIOD82T/AHc16Hbavo1/ofjbWtI+3tLO1vczQ3UaIsf7zO1SrNu53ckDjHFZ+pfEDQW/ty80631B7/Vbq1ucTxoscfkurbOHJPQ/NjnIGBjJV2M5DVPBuu6NZy3WoWSpFAypP5dxHI0BYZUSKjFkz/tAdQKbpHhLWtdsJb7TbVJLWGQRSTSXEcSoxGQCXYY+vrx1rodV8YaMYPEM+kR3z3niAqJY7qNFjtlzubaysS5zwOFwD7c5Wm+JLSz8C3Giyxzm5l1KK7V1UbAijBGc5z+H409bCIYfA/iGa5vIPsKxPZTLBO1xcxQosjfdQO7BWJ9AT1HrWra/D66n8JX93JHJb6tZakLSSG5njgiRdoPJfAySQB83ORjNXda8Z+H/ABL/AGlaakmpWtpNqK31vNbwxvJ/qwjI6lwOg4O4/SpNU8c6D4j03VLLVYtRslutQjuYntoY5SsaRrGA2WXLEKfpnv0pXY9Dnv8AhBtYFrcB7K6F7BfJZGBVjK72GQN2/Oe/Clcc7hWVq+h6hodwkWpQrGXBKtHKkqNglSAyEqSCCCM5B613GpfEmw1K3vEMF/bNLqUFxC9u6q6QxIEB3knEnGehHvXPeM9d0rXJLKTTYJDcxo/2y8ktYrdrp2bIYpGSuQP4upzTTfURBpvgbxBq9vbTWNlGwugzW6SXUUbzBepVHYMQPUDFRR+D9dmudPt47HMupK72i+cn7wJnd/FxjB64rvfA+u6NrfijwpHMt9Bqem2r2iRpGhhkwrYcvu3DgnI2nnHIqtp3jvQLK90WfU7fUTdaIlzAscEaFH3scPuLg8Akbcd854wVdjOJt/CmsXWkPqUFqjWyQtcHNxGJPKU4ZxGW3lQe4GKfceDtdtdMW/uLIJAyxsR58ZdFkOEZo925Qx6EgCuo0jxj4XsPDB08WVza3E+my2VzJDYwyM0j5zL5rOHI6fJ8oHvgUurfES11KzeSN7m2nuLaGG5tYrC2COyEc/aP9YVwOEwOf4sU7sWhz158P/Emn3SW19ZQ20rRtLiW9gXagOC7EvhVyQMnAJ4FSQfD3XZW1RJhZ2kulorzx3N5GhIbGCpztI5+8SF988VsT+NPD9/431rV9QsZ5YbyFUspJrWK4a2YBQT5LtsPQ4yTj05qxqXjrQdS1XW3ZNRhttX0+K3LLbxl4JExjChwGU465XHpRdj0POGBVipxkHHBzSUrY3HaSVzwSMZpKoQV6j8Av+R9vf8AsGSf+jYq8ur1H4Bf8j7e/wDYMk/9GxVMtgR9C1j+Kv8AkAN/1823/o9K2Kx/FX/IAb/r5tv/AEelYFnyPdMXvJmYqxaRiShyp57e1Q1Z1D/kJ3X/AF2f+ZqtXSZhRRRQMKKKKACiiigAooooAK9S8E/8izaf8D/9DavLa9S8E/8AIs2n/A//AENqmWxEtjsIPu1YqvB92rFZHnS3FooooJCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKSlpKAIpuhrnPEf/IEv/wDr2k/9BNdHN0Nc54j/AOQJf/8AXtJ/6CaEdNHc8dpVUswVQSxOAAOtJT4pXhmSWI7XRgynHQjpW52nVTfDzUILXUHfUtNN1plsLm8shJIZYVIB2k7NhbnoGOKjvPAGqWVxq0UtxZltJtUupyrthkfGAvy8nnviumtPF+ka3Y+Lr2e0TTtTv9M2u0t6GSdxgYjQqCCeuMt04xznO1D4lW99Z6sBoXl3mrWaW09x9syF2AAFU2cDgnBJPPXio94ehQ1DwP5HiiTSft9jpzKIQgu7p5fMaQDAUpECff5QB3Pri/8ACO6ifFB8PpGr34uDb7Vb5SwOM59O9dlH8WtmpX14ujyQvdNAwa2vjFIPKXGxnCZaMkAlRt7881zr+LzH8Qv+Ep0+z8l/tP2g280vmDJ+8NwVeDk9uPemri0Lcfw5vbmMSWGr6VeJ9vXT3MTzDZM3rujGR7jI9M1HpngO+urjMslu8MerDS5EWZkZpPUNsYBffBPtXR2ni/R7PwVcXukWiWl3HrkV39iub4SyS9SSMKpCjp0PuTWePiTZ26othoDxD+1hqkrSX29pHySVz5YAHIAwOAO5yaXvD0Mm58DXcVhe6g93Y2ltDeTWsMdxcHdK0ecqG2Bc4Bxu2ZxwKl0/4dajf/Z4jqOnW17cWhvI7Kd5BL5QBO47UKjIGQN2faptO8fR6dLq0y6XI8movcM0f21vs7iXOBLEVIk25OCNnvW94Q8Z6XqPiC2uNatktL+30mSz+3SXoSFwqEKfLKjDnp97HPTpg94NDlrfwBqlzc2UEdxZhr3TjqMZZ2wIwM4Py/e9uR71Vt/Cdxd6Bc6na6hYTNawC4ns0lYzRxltuT8uzPfbu3AdRnit/TviVb2NtZGXQvPvbTTTpqz/AGzavlkEZCbDhuRnJPTgDNO/4WdE/huTSJdIuBDLp62TRw3+yFNuT5iR+WQGJPJJJPqKfvC0Kt18L9RsxeG51jR4/sMUc90POkPkxuDtY4j56H5RlunHIzzuv6BeeHdck0q9Mck6bSGgJZXDAEEZAPfuAa6HVfiH/af9vf8AEs8r+2Le3g/4+M+T5Xf7vzZ9OMe9Y/ijxK3iPxKdXjt/sb7I1VPM37SigZzgemelCv1Au3XgC/tI7pX1HTWu7KFbi8sklcy20Zxlm+TaduRuCliK7z/hB/CMOs/2cyWTta6T9tZnnu90x2D5pAFxtyc/IVPbFcbf+Pbe6bVL2DRjBq+rWn2W7uTdlotpADlI9oKlto6s2O1Ol+InmeILjU/7Lx5+kf2Z5X2j7vygb87fbpj8aXvMeguoeBHu720k0lbe0s7qyfUHmku3khhhDH5iTErqOgC4dvfrVe08FCXTLi6S5tb5I7q2hS4tb0qjCU4xtMRYHsd20r/dNT2/xF8q3sbSfShNZRaWdMuoTcFTcITncrBfkIP+9Vez8aWemaXcafpuitDby3VtcqXuy75hOTuO0Alj3AUD0p6iFvvAF3DJqsy3VnaW1heNZqLm5Lb5Au7aJPLVen8ThASQK5Cu6sfiNFZ+JNT1n+yp/Ovp2lMUeoMkbKVK+XKu0iRQTkcKc964d23yM+1V3EnaowB9Kav1AbRRRTAKKKKACiiigAooooAK9R+AX/I+3v8A2DJP/RsVeXV6j8Av+R9vf+wZJ/6NiqZbAj6FrH8Vf8gBv+vm2/8AR6VsVj+Kv+QA3/Xzbf8Ao9KwLPkrUP8AkJ3X/XZ/5mq1STsWuJGZw7FySwIIbnrkAZ/IfSo66FsQFFFFMAooooAKKKKACiiigAr1LwT/AMizaf8AA/8A0Nq8tr1LwT/yLNp/wP8A9DaplsRLY7CD7tWKrwfdqxWR50txaKKKCQooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACkpaSgCKboa5zxH/AMgS/wD+vaT/ANBNdHN0Nc54j/5Al/8A9e0n/oJoR00dzx2iinxyNFKkkZwyMGU4zgitztOzuPh2YfD0OqG/ngja5ggle+sHtosSD/WRuxy6KTySq8c/WwfhkB4wj0Q6nPCjwzS/aLjT2T/V5+ZRuKujDBDKxPqAeDS1D4k6hqVvdxXOk6UTeSxzzv5UjF5IwArENIR0AG3G32rU8K/EKGLXLIapBZaXpllBc+VFbQyMnmSg9QS55PboPao94ehX0z4ax69FaXehatLc2MzTLM72W2WIxjPyxq7b8gjHI69qmj+FgGpPHfatLp9mum/2j513YlJEUHDI8W/KsPqc8VjxfELUrRrSPTrKwsrK28z/AEGKNzDN5nD797sxyOOowOmKqw+L57SO9i07S9OsobyyazeOGNzhWOS25nLFvdiQBwBT94Wht6d8PtL1C00m4HiGaNdYupba1U6dlsoxG5v3mADj1JGRweSIND+Hc2s2l432q5jnt/P+ZLB3tgYh915yQFLHOAA3HXnisyx8aajYW2iwQw2rLos7z25dGy7MckP83I+mK0bT4m6parBv07Tbh7dZkikljkyqSnLrhXA59cbvej3g0NGP4e6PqD6Db6fq19Fc6pYtdOZ7RGQbQxOMOCORjHPrntVLw98Ov7etNEnOqi2/tU3AwbfcIfKz33DOce2Peqln8QtRsjpjw2GnmXTEeKCVkk3eU2cxn58FecZxu469cyw/ErU7U6cLPTdMtodNWVbeGKKTaBIMNnLkn1yTnJySaPeHoc3q1tY2mpywaXfNf20Z2rcND5W/1IXcePT+QroPDfgy11vQRql7q72StqMdgkUdp5zMzgYP31GOec9gep4rFhuNKXw3cwT2rvqjzqYJwCBHGB8wJ34OfTZx/e7Czpniu+0rR49Nt4rdoY9Qj1AM6sW8xAMDggbeOmM+9PURv33wzZFMek6qL65j1RdMlR7cxIJCudytuJIGecqOhxnjNzQPBGmHxIkljqf9qxaZqcNtf29zY+UrB32grlmDruBGDg+1c/N4+1iWO5EYt7d7jUhqfmxI25JgMALkkbfYg1YHxF1CG4M1hpml2Ty3aXlz9nicfaZEOV35c4XPOF2jJpe8PQ3IvhfLrl9eXUMs1tFc6lc29rHbWBlijCM3MjBgI1yNo4P0rBl8EC38Ix61Lfysx3+bHBZmWKAo4Uo8qt8rkHIBAU4+9Vf/AITa6lgkh1DTdO1CJrx72JLmOQiCRyS23a4ypJ+624HHIqO08YXVlo11YW2n6dG93A1tLdpAVlaNjkr8rBD6ZK5x3o1FodRP4E0SDW5rLTrqe4KaI2oMt/b8KdoIKmOVTnnoQQP9qsePwCZvB8utx3d1H5MUUrfadPeK3cO2CEmJ+Yr3wuPQnrUX/CwtR8wTmx083X9nHTnuNkm6SIgDkb9u4Y6gD8aln+JOpXVjPbXWm6ZM1zbR208zRyb5FjxsJ+faMEZwAFOTkGj3h6FXxf4PXws0Pl3s12shwJXs2ijlG1W3xPllkX5sZyDkdKntPBVtceDbHWpdXMdzqFy1raWK224ySBgoy+4ALzknHHYGs/V/Flzq2jQ6WLCxsbSOc3JSzjZQ8hGCxBYgcdlwPaoZPEt8+g6dpKiKOLTp3uIJUBEm9jnk5xwRxxRrYR1t98JbizubaIX1yFfUEsJpJ9PMSgsM+ZHl/wB4mcjPy/lWbqHgaxtotfaw103p0JE84i02LI7OVKqd5PGOuP8AGqkvjm6k1iLVV0nS4tQW4S4luEifdO6jjdlyFz1OwLk9ah0/xleWF3q0rWdldx6u++6t7hHMZO8uMbWB4JPGSPXNHvBobc/w2trM6m99rjRwadZW947pZbmcS5+QLvHIxxk4OecU3XfhxBpFnq72+tm6uNKihnljNp5alJThRu3n5sckYI5HzemfqfxC1bVU1Jbm3sl/tK2htpvLjZdqxElSo3YB557egFM1Dx9qmo/2v58Fmv8Aa0MMM+xGG1Yvu7ctwfXOfwo94NDl6KKKoAooooAK9R+AX/I+3v8A2DJP/RsVeXV6j8Av+R9vf+wZJ/6NiqZbAj6FrH8Vf8gBv+vm2/8AR6VsVj+Kv+QA3/Xzbf8Ao9KwLPkrUP8AkJ3X/XZ/5mq1WdQ/5Cd1/wBdn/marV0rYgKKKKACiiigAooooAKKKKACvUvBP/Is2n/A/wD0Nq8tr1LwT/yLNp/wP/0NqmWxEtjsIPu1YqvB92rFZHnS3FooooJCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKSlpKAIpuhrnPEf/IEv/8Ar2k/9BNdHN0Nc54j/wCQJf8A/XtJ/wCgmhHTR3PHachQSKZFZkyNwU4JHfBwcflTaK3O09i8Y2kWs6zb6RFY6g+nafpcV0Yo72CGKL5AF+eRAsQwTk87iB8o6jE1rwDonh5dYv72a/urCykt4oYIJo1kJkUMS0m1lwAT0Xn2rmoPGXiSXVDNDd+fc3MKWhjNrHIsqKRsXyypViDjBxmprvxv4qiv7pdRuR58iCC6hubGIhwvQSRsmCw9WGfeosxnaeC9KsLe+8JajprzPHcaheInnwRI+xY2xuZV3E/ViPQCsufw3okx8NHWr82dvfpdtI4SKLLq+FUyBMgE/wAT7se1csnjjxEk1rKNSYyWk8lxCzRISryAhzyvOQeh4HbFRL4t1pRaD7YCtmkkcKNDGy7JDl1ZSuHB9GyKLMBfEOh/2V4jGnwwXFusixtGt06OQHAIIkjJV154YYz6DpXTXng3w/b6hrOkRPqTX+i2Yu5p2mjEVzsCmRVXZlM7vlJLe49eQvb/AFXxRrCSXJkvb2ULFHHFEOgGFVEQAAewFaF34s8TXsEmk3NzIzzBLaVRbIs8oU4WN3C+Y+Dxhiaeoj1nUdXtbfxhrVqsN8o0zw/JPbmK7RPI/dpkQnysxnGOQSMgnHNcrf8Ahay1hLPWdQnnFt/Y0mqXaQxwpNId5woZI1BJJ5dgx/pyGqa54os9avJdYNxa6heWn2W4W4tVjZ4SANu0qMZCjkAHjrUNv4x161nspoNQZHsbc2sH7tMCI9UYYw4/3s0lF9B3N200PS9T8Gapd6Mt6MXdpDHBNDDLKGc4ZQ4UM3PTBTOcEU3xh4MstB8OW+oWyXVvO17Jay2895DcEbVyCTEMI3qhJI9axv8AhNvEAV1j1DykeSKTZFDHGqGL7m0KoCAei4HXI5pNV8Za3rWntY6jcQSWzS+d5aWcMeHJyWBVAQTk5I69807O4jqNC8F2+v8Ahnw60k7RLcXF01yUhiDCOIbiFbaGJOMDcxAzwO1R+IG09/g5pTaRDdQ2/wDa03yXUqyODs/vKqg9u3Hv1rlrPxVrWnwWENnfNCmnSvNahUX92zfeOcZOemDkUuq+K9Y1rTorDULiJrSGUyxwQ20UKo56kBFHXJ/E560WdwOj8K+BLXW9FE9/HeW8k8FxLb3BuYY0PlrwFhbMkoz1YbQOnvVW88NaJp0Gk2F1Jfvquq2cdzHPE8f2eNpGwiFSMsOuWDfQGs7TvHXiHSrOC2sr5Fit0aOLzLWKRlRjlk3MpO0/3c49qiPjHXW0saeb1fs6o0afuI98aMclEfbuVf8AZBA7Yos7gdMng/wzJ8QIfCYk1ZbhLoQTXBkjKTDYSxUbcx/N0zvyPSq9r4O0NdJ0y/1a/ubSC51eWynlJXakag4I+Xgk8E8gdccVjS+OvEc08E76jieB0kWdII0kdkGF3uFBkwCeGJ6n1oufHfiO7+yiXUAq2kxngSK3jjWNyMHAVQMEZyvQ5ORyaLMNDal8DQp4hkji0/UZtOWx+1K4v7ZUI3YDfaj+78vvnbntt71p3vw+8PaVJrkt7PqU0GnvaiCOGaIM3nAcM+0g4J+8B07GuTHjvxEtyZhex4+zi28j7JD5AjB3BRFs2DB5ztzTb/xx4h1OGeK9v1kW48rziLeJTJ5ZyhJCgkj1/OizDQ6jxB4B0HT7XWhp8+otPpN1bxO87xlZBMRwFC5BAI+bPJzwKr6l4D0qzvPFsa3N2ItEFsYHYq2fMxu34UZxzjGK5m78Xa5fLfrdXxcai8cl1iJF8xo8bDwPlxgdMVqav4p8axaeYNYe4tbfUFVyZLFITchduH3bAWIwvzZz05oswDxh4Z0zSLO3vtBe5urCWTykvGnimjmOwN/Bho2BJBRhnjOa5GtfVvFOsa5Zx2upXSyQxyGUIkEce5yMF22qNzY7nJrIpq4BRRU8FldXME81tbTSxW6hppI4yyxAnALEdB9aYEFFFFABXqPwC/5H29/7Bkn/AKNiry6vUfgF/wAj7e/9gyT/ANGxVMtgR9C1j+Kv+QA3/Xzbf+j0rYrH8Vf8gBv+vm2/9HpWBZ8kXoYX9wHOW81sn1OagqzqH/ITuv8Ars/8zVaukzCiiigYUUUUAFFFFABRRRQAV6l4J/5Fm0/4H/6G1eW16l4J/wCRZtP+B/8AobVMtiJbHYQfdqxVeD7tWKyPOluLRRRQSFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUlLSUARTdDXOeI/+QJf/APXtJ/6Ca6Oboa5zxH/yBL//AK9pP/QTQjpo7njtPjjaWVI4xud2CqPUmmUVudp66ng/TtMtra4Nna2+padrFjA5trieVhuKlllLgRluQf3YAHT63tR8OWevaitveSThLrxTPFIouHClRGzYCZ2hjjG4DPPWvK28V+InQI+vaoygBQpvJCAAcgdexqrLrOpzACbUbuQCb7QA87HEv/PTr97361HKx3PTNG8MaDrVja3Fx4bSwLa+LAqk9xiSLByPmc854JGOR2qLQfCdjDNYXjWk0DyeKWs4Zo55EY26q3CkMCMMp+Yc8da5Kfx1qd54UfSdQnu7u5+2pdR3092zvGFXAUZyevOc/hWZN4m165lSS41vUZZI5BKjSXcjFXAwGBJ4IHGetFmB6ho2i6do3i/w5LDpv9o3Oqalcu1480rNBskICrhsEgDLFwxPPTtynheRY/jdCXhSXdqsigOW+UlzyMEcj349qwLXWPE9ppstzY6jq0Fi0/7yWGeVYjKeeSDjd39azI726hvhew3M0d0H8wTrIQ4b+9u6596dhHpN5o9p4itbu9Om7rxfEYsI1hlmYCHJZlAZzjJLMcdMnGKn1LwZpdlcaqdC8PHXZ4tWFobLzZsWcOzduyjA/MSfnYlRj615vba7q1l9o+x6pe2/2k5n8q4dfNPq2D83U9at2Osae80k/iTTrnVrh5ll+0C+McjY6o5ZXDKeOwbjrRZgeor8OtFi8YzWkuk2a6bc3Xk2/m3dw0xC26s3liPI4YklpDjsAO/nngnRrLVfiLZaVqMLXFnJNIjx7ypYBWI5XB6gdKh1Pxxrt/rF7fW2oXWnLeTCZre0uHjjBAAU4B5ICrz7UeFdY1DT/FieIRZ3OrSWe+e4+ZiSCpUu74OB82cmizsM62w8I6d4h0+K5s9BisJ4NWktmga7lRLiFELEuzliCuPmKAd8AHGNC38H+GDqVhdXOnRzWk2hT30kNnNcJE7owwyGQiQZB/i49q81u/E2tXmoxXs2rX7TwMxt5GunZoM9kbOV/DFEvijX51In1zUpAwYEPdyHIb7w5Pfv60WYHd22hQeIvDfht7DTtkdxf3TvZNfzLBHGnPVi20YHJUbjz7Y1LDw7oNpqunzQ6Pp12l/oVxctGBO8O9M4aMSkOMgjrzxxjqfKINY1O1W3W21G7hW1cvAI52UQsepXB+Un1FWH8Ua/LNFNJrmpPLC5eJ2u5C0bEYJU54JBIyKOVgdzoHhPSdbh8I3H9kD/AImV5ci9jhkl2+UjHA5YlQOOc59TVLxfpfh/QfCOnm00cNqOoSXA+1PcSERLHKV4XdgnBA5446ZrkovE+vQK4h1vUYxJJ5rhLuQbn67jzyeOvWqlzqF7exxx3l3PcJDu8tZZWYJuOWwCeMnk+tFncR1mg6Zpi/DbUtcudGTU7231COCPzZZVRVZR1EbKTz05HJH0PXXXgnwlpEt5eXcUD2/26CF7a4kuW+xo8SuyjyQzFyWIG/jgDrXAaT4yvdF8JXWj6Y09rPPdrcC9t7lo2QBdpXAGefr+FZdpr2r2FzPc2Gq3ttPcHM0sNw6NKc5yxByeSTzRZgdnq2l+HPD/AIGgvE0b+0L2fUbm2jmu5Zo8RxyYBaNWU7sDGOMZOea6jxHZaXqvijxVPqdvabNKS2dYZprsRO0iIGlkERZsqoCgoAP73rXjk1/eXFqltPdzywRuzpE8hKqzdSAeAT3Pep49d1eHU21GHVL2O+ddrXS3DiVhgDBfOcYAHXtRysLnezaJ4U07R/FOqR6U+oxWdxAtgtxJPCFEqZ+YfKxUFsjOCQBzzmp9W8LeFLOwNpGIWuzYQXkEsH2qSWUsw3FuPKERBwCDkY5Oa84l1bUZ47hJ7+6lS6cSTq8zETMOjMCfmPuaf/bmrf2aunf2pe/YVIK2v2h/KBByCEzjrzRZgelat4U8NTal4j0qy0lbA6WbXyrsXMruTIyhshmK7cN0xnjrV2LT7HTLTxxpWn6P9ihslgg+0iWUtP8AOvLFiQCfvDaF4PToa8ll1fUpmuWm1C6ka7AFwXnYmYDoH5+bHvVibxPr1xbfZ59b1GWALsET3cjLt44wTjHA49hS5WB6VeeHtDuvHOu2N3ZS3V5LdQQWMl9cXJiYmMFk85dzCQjJG/cMDpivJ7uB7W8mt5EMbxSMjIWDFSDjGRwfqKuQ+Itbt7ue6t9Y1CK4uABNMl06vKB0DMDk/jWbVJWAK9R+AX/I+3v/AGDJP/RsVeXV6j8Av+R9vf8AsGSf+jYqUtgR9C1j+Kv+QA3/AF823/o9K2Kx/FX/ACAG/wCvm2/9HpWBZ8lah/yE7r/rs/8AM1Wqe9DC/uA5y3mtk+pzUFdJmFFFFAwooooAKKKKACiiigAr1LwT/wAizaf8D/8AQ2ry2vUvBP8AyLNp/wAD/wDQ2qZbES2Owg+7Viq8H3asVkedLcWiiigkKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigApKWkoAim6Guc8R/8AIEv/APr2k/8AQTXRzdDXOeI/+QJf/wDXtJ/6CaEdNHc8dooorc7T2vXotOsR4qFtoWjr/ZdlaS2v/EvjO2RwQznI+bqPlPy8DjrmOXwrbf8ACc6xcafZ2SQwJabrWPTEu2HmbSxWFmVETrucj5RnGK82ufBXiG08QW2iXOnNHqF0oaCIyJiQEE5DZ29j3rElieGZ4pRtdGKsM9COtRbzGeta5pem6Pfarb6JaaLa6i2qhnTWFgWNbUplTEJuNhYnOz5vTgCr3iK10zR01iew0bSd665bW8ZexjdY42gjLKqsMAE56juT15rynSNcXSkKy6Tp2oASrMhu433RsvoyMpI9VJK8dKb4hu9Tv/EF3da7HJFfzOHlSSIxlcgYG09BjGPbFHKFzvPGmi6ZYeG/Eb2dhbwvD4gEcTpGN0aGIMUB6hcnoOKn+F/hqK9021u7yGzvLW5vJIpY/wCzkuGUBMASSuw8kZIK7RuJI69vKaKfLpYR6jLoCSfD+8Q6LDpr6fDM8txcWiuLhhINuJwwkjlHI8tsgg8itrW9FtoNR1BL7Q7Cy8OLogk+2x2MaFbgqu0rLt3eZu42A856c5PilaviHX7rxLqgv76OGOXykixCpC4VcDqTzxRysdz0rxRpOjQaWUsdGZ7HfZtp99Hp8UcRUkBs3HmF5ywJypXIIzjAzT9Xh0y48T+M9PXRdMtbXS9KkNuILKMMr4UmTOM7ueOQAOmOSfHa1dU0C60nS9Lv7mSFotTiaWERsSyhWwd2QMH6Zo5RHpOr6PapFraS6NYQeGIdKWTTdTjtkDSTbV2ETD5pGZtwKknp0FW7m30OT4k2mhyaRpltBFpongWOyjLXNy0Q2hs4Dd8ISAT15rx2a0kgt4JnaErOCUCTI7DB/iUElf8AgQGago5QueuwWdifESIvha4N5NpixyCbS7dZI5PM2icWO8jB4z0wPmGBzXC6nCNC+I00StYlbW/xmFAYBhuflcsBjuCTggjtWJYWcmo6lbWUBVZLmVYkLnCgsQBn25q3rGg3WiXVzBdSWztb3DW7+VOpYsOp2ZD7f9oqBQlYD1bxDY3Vxr3iu5g0a3vNZTyjpsMunRv5luSN8qIVxMRwNxDEdKZcwS2+j+JLHQ9Mshqb6dY3F5YW9nFMI59585QhDcKADt6KTkAGvGaKOULnsV74RW18DXazWNrczQw2UsMttpaIoG8eaUnyZJhtPzEjaPboLWupptmfE5t9A0VP7LurOK1/4l8Z2+aAHY8fMfmPByowOK8au7SSyuDDM0LMADmGZJV5H95CR+tQUco7nX/EDQ3t/G+tnSdNdNPtJELm3gPlQ7kU84GFySeOK5CiiqQgorXtPDd5eeHJdailt1t4rtLQrJJsbewyDkjaF9SSMVSuNOu7aN5ZISYElMJuIyHiLgZ2iRcqTjng9KAKtFFFABRRRQAV6j8Av+R9vf8AsGSf+jYq8ur1H4Bf8j7e/wDYMk/9GxVMtgR9C1j+Kv8AkAN/1823/o9K2Kx/FX/IAb/r5tv/AEelYFnyVqH/ACE7r/rs/wDM1WqzqH/ITuv+uz/zNVq6VsQFFFFABRRRQAUUUUAFFFFABXqXgn/kWbT/AIH/AOhtXltepeCf+RZtP+B/+htUy2IlsdhB92rFV4Pu1YrI86W4tFFFBIUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABSUtJQBFN0Nc54j/AOQJf/8AXtJ/6Ca6Oboa5zxH/wAgS/8A+vaT/wBBNCOmjueO0UUVudp7vB4v0HUfiVJa6tf2gi0+ZLnS9SMy+WoMSCSEvnGCckc/eFZtnrloJtFe01uwg8PwQzrq9lJcovnMS2/MJ5l3AjaQG/CvMf8AhE/EWFP9gaphmCA/YpOWIyB0647VBFoOsXGpSadBpV9LfRDMlqls5lQcclAMjqPzqOVDud/fazb3vw52pqcGnixjjNhDa3iM0rCUkBoCPMjlUdZVIB9SK3bvxY9pr3iTVovENpPHLpKnSt18kuyQKmQsZY7W3DO0jkjODXnFh4NuLnRtTvLySSxn0+5gt3tZbchsyNtyckFcZzjHPtU+qfD/AFG01u803TWfUZLe8W0QJbSKZWZQ2cgFF4PQuDxnGKLIDtvDmqWd/L4L1O+12xQ6at39ta8vFWXzHPyjax3EnOd3Tg89M2dD8VWdqvhmyOsWcdmbe9+2xNMm0nJ2LJnscnCng+leXX3hTVtLt759UtZrOSyZVkilgly25ioIcKUxkHBLDPbNU7/RdV0pIn1TTLyyWb/Vtc27Rh/puAzRyphc6fxvrK614Y8Lzz30d5qAhnF0fMDSIfMBUMByvGcD06V1Hh/xVFY2vgWxTWLeC023A1GPz1UAc7Vl54HJwG4715jp+havq0UkulaVe3scZw721u8gQ+5UHFbEfgfUbvwlYa1pUN1qMl3LKj2ttas5iCEDcSueDn0FNpWsI7jSdZtY18Of2brNjZaJarMNXs3u0jEhJO4tCTmUMuAuA34Vds9fhSLwq+la/YWekWvnNqFq97GjeVvYqrxkhn+XIC4PJ6c5ryK00PVr+Od7DS725S3OJmht3cRf72Bx0703+xtT/sn+1P7Ou/7Pzj7X5DeVnOPv4x1469aXKh3PUI/EljbN4ck0WfT28u2v08iW8Fu0SvICqiTkQybfulsDgjvXDeNksj41ufsuqC/hkMZkuvkfDFRuy0YCuR3YDn61kXOj6nZ2MN7eadd29pcY8m4lgZY5MjI2sRg8c8VLN4d1u3kto7jR9Qie6OLdXtXUzH/ZBHzfhTSSEeuXN1pUejx2a6/a3qWmp2M1u9xqduwESbQ7RRKFEKjkbMluCSKgudQ0XUZ44X1+ztV/4Saa5EyyxsVTy22uN2VAJwAx4B5rzS18F+Jby8uLSDQ743NtD58sLwMjqnY4bBJODgDk4OAap6lo11pVvayXishuVYiN4ZY2QqcEHeoBOf7pIHelyodz1XUdbhttY8M6hZ3+n3t1bWs8E327WIpZgx5Cm4UYV8E4kI2g8bq8/wDHv2Y+KpGtNT/tINDEZJi8chD7BlTIgCyEf3wOe/INZC6Lqr6WdTTTLxrAdbsW7GIc4+/jHXjrR/Ymq+eYf7MvPNEP2gx/Z23CL+/jH3eevSmlYR67rPiu0tB4kn0jWrVLiZtPWGSG4QswAAcoc9gTkjke1QeKPEdnqdv4ntF1S1uIlvrJrCKOZCDyDI0YHU5LbmHPqa8x1rwxrXhwxDW9NuLMTKGjaRflbIzjI4z6jqO9UbG3urq+hh06CWe6Zv3UcMZdmI54UdaXKh3PavFOqix1/wASr4l1O1utFe3iS20tbhHk83KniHOVI+YliBnI5NM1HxJoM2s266hJaXOj/wBowTW0suqR3HkpsxtS3SMNEg43ByBkd68q16DxFfale6lr9leC5Up9rlltTH5ZIAXcAoC5AGOmahi8M69NO8EOiajJLHt3xpaSFl3DIyMcZHIo5UFz1CXWZF0QR6/4jsL64PiOCeILqEc5S3D9cgnCdTj+EdhWb4p12S+8La/a6XrsZVddllMC6gqebbNH/ApYb1L5O1c8nOK4GTw/fwWV9PeQS2r2Lok0E1vKrqW6ZOzav/AiCe2a1bHwFqk+g6jqeoQXemraJE8K3Fm4Fzvbb8pOOmQeAeooskBy1FdFP4F8QxwXtxBplzdWtjJ5c08cEi4OMn5HVXwB1O3jvVGPwzrkq2bJo99svmVLV2t2CzFhkbWIwcjn6c1V0Iy6K27jwZ4ltdUk06TQtQa7jXc0UVu0h25xuBUEFc9xxWM6PFI0cisjqSrKwwQR1BFMBteo/AL/AJH29/7Bkn/o2KvLq9R+AX/I+3v/AGDJP/RsVTLYEfQtY/ir/kAN/wBfNt/6PStisfxV/wAgBv8Ar5tv/R6VgWfJWof8hO6/67P/ADNVqluG33MrCTzQzk+Zx8/PXj1qKukgKKKKACiiigAooooAKKKKACvUvBP/ACLNp/wP/wBDavLa9S8E/wDIs2n/AAP/ANDaplsRLY7CD7tWKrwfdqxWR50txaKKKCQooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACkpaSgCKboa5zxH/wAgS/8A+vaT/wBBNdHN0Nc54j/5Al//ANe0n/oJoR00dzx2iiitztPVNe8caVef8JX9k1SR/t9ha21p8kg37c+YgyPlHJ64ByetJrnizQdam8RWNvqi2a6lDamG/eGXYxiADROFUuAfXaRxWDpvw9uf7E1q+11HtXstPF1DFHcRFwxwVEseSyAjsQprMbwNr1vCLi8sdkKiOSZFnjaWFH6M8YYug92UVFkPU7LU/GehT6Fd2EeovcTRx6dAtw8Lg3RhfMknIJHH97BOKfqvjbQJrjU5YL0yCbxBa30YELgvCirubkDHQ8HBrmdd8A3cHinVrHQYzLY6c8atcXlzFEFLqpALuVXJJ4A5qhb+A/Ely+oKmmlP7NbbdmaeOIQ8FskswG3Azu6YxzyKLINTqjrvhuFfEkEmtGaHVNVgu43tYZVcR+cXcfMowyj/AOtnpUPjbWfDl94PXT9DvrYyRalJdCKNbpjIjggMXmHL926DnjNcNb6Te3dje3ltD5kFhtNw6uvyBjgHGckZ7jOK1IPAniK4iEq2KRxMkTiSe6iiU+Z9wZdgNx/u9enHIp2Qjc0PW9Km8MaHY3Otf2PPpOotdS7opW89SchlMYPzDG3DY4PWtu+8WeHtftdNcawuj/Zdal1CS3kglY7C+VI2KV3nrjOPmPPry0XgiX/hFb2e5huYtZt9Vi09bVmVVy475HXJGDnGKzovBXiCeWeOKw3Pb3a2Uo86MbZm6L97n6jj3pWQzrdV8V6P4k0tBb6s/hya31We9AMMhaRZMkOpjBHmDpglRz96rdp4h8JW3hy7t4NSRp7rS44Cbxbp5mlDbmR+DGqdlCA9TkiuNl8A+IbeaNLm2giDXK2rubyFhDI3QSbWOz/gWP1FOufAGuQa3caXH9hnmt3VHeO/hCbmOFXLMMMSDhThvaiy7hqdjrHj3R5bl7+0kspYLq5s7mWyEFybnMTAlSXfylwAQCmc8DHes/8AtHw43jK4v9Q8VXN5YXlzNcLbxpcRLGzIQvnEAMOuz93u47gcVzUngfWItDn1Ob7JGsF01pJbPdIswkUEkBCeTxwo+Y9QCOaZd+CPENlJbxz6fmS4nFsiRTRyMJSNwRgrEo2DnDY4osgO5uvEnhma5gih1e2hgbw/NpTGK3udkMh+6cMpYoexyT6gVyXizVdPvfDnhqwsLtbmXTraWKcojqoJfIxuAyCOf54rE1fQ9Q0O4SLUoVjLglWjlSVGwSpAZCVJBBBGcg9a04PAPiS50+C9h09WhuIDcQ5uYg0qAEkqpbc2AOQBkfjTskI66w1vwnbeEbm0h1OOO7u9GFo0lyt08olySUIAMaxj+HaCeecd33Pifw3cJfaj/a2Li48Nf2ZFafZ5Nwl28hjt2jkDBBI65x34aDwfrtzNZxQ2O5762a7tx5yDfEM5b73HQ8HB9q6hfAOlnw8t/wCfeeadAbU8b12+aGxj7v3fbr70rIZDrtpbeOdYs5tD1O3LxaUnnwzRTK0JiT5txEZUD0OcepHGcnwLrFlpOp36ajcNZJfafNaJeojObZnAw+F5xxg455qjceFNYttHfVJrVBaxrG0hFxGXjD/cLRht6g9sgVjVVtLCO/sdR0ZfC2reHr7xOJTcLamK8e3naJFRyWjQbd3APGQoJPbrXVapqmmeItB8Y3GnawLWymFlGLuSKULwMFWCqWwSMcA9fSvFqnjvbqKzltIrmZLaYgywrIQkhHQsvQ496XKFz1DUPHOgNpl3brdPeND/AGdGrNCwN6IHzI3IGOOPmweKLjxN4fi/4Sm4TxELs6zcQTQW4t5wYwrgncWXAYDjjIwvXtXlFFHKguem674l8P62PFluuqLDHf30FzbSvBJiZEXDAYUkN6bgB71b1LxJ4Ti0G9t9L1KN2a9tbqMMt0806xhd3mNICvmcHAGFxjmvJ6KOULnrM3izw/8Aa/EMcGoadN/aF7Ff2091FeLGCp/1biMK4YfeGNymvO/E+orq/ijUL9HjkE8xbfFCYlf3CkkgHryc+tZVFNKwBXqPwC/5H29/7Bkn/o2KvLq9R+AX/I+3v/YMk/8ARsVKWwI+hax/FX/IAb/r5tv/AEelbFY/ir/kAN/1823/AKPSsCz5K1D/AJCd1/12f+ZqtVnUP+Qndf8AXZ/5mq1dK2ICiiigAooooAKKKKACiiigAr1LwT/yLNp/wP8A9DavLa9S8E/8izaf8D/9DaplsRLY7CD7tWKrwfdqxWR50txaKKKCQooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACkpaSgCKboa5zxH/yBL//AK9pP/QTXRzdDXOeI/8AkCX/AP17Sf8AoJoR00dzx2pIJTBcRzKAWjYMAw4ODnmo6kgj864jiMiRB2C75DhVyep9q3O09GuPHnh/7X4h1S1i1L7frVosYgkhj8qCQYz8wfLKSPQEehzxBceN9COqavrltDqB1LV7QW0ttIkYhg3bfMYOGy33RgbV9zWPD8Otbn1a/wBOQ24msZ44GLOwWV3+6EOOePm5xgc1f0PwGD4i0s3N1Y6xpcmoiyumspZMRv8A3WyqNg84Zcg469KjQepZ1nxvoXiF9btL6PULayvryG8gmhhjeRWSNUZWQuBggHBDcelR6/8AECy1jQtcsIra4hN5JbLa5CkeVCMfvCD944zgAjtnjNZ9z4DvZ9StvsElrFb6lqU9laI8j5jKOR83B49+TRD8Or17e1luNW0q0F5dyWdus0ku6SVHKEYWM4BI4JwOmcE4o0FqZ/hHXLXRdSuF1WOabTb62e2u44cFirDggEgZBA7jvW1deMdK8RWN9ZeI1vbaOXUhewS2MMbsF2CPy2VmXogGDk/TFU9Q8CNpvhqPUbrV7WK7a8ezaykR1IdTgjzMbc98nC4/iqfTvhzLfahpkf8AbmnNZ6hPJbrd2wkkCyIMldpVSSexHy8demXpuGppX3xJsbxLx/sVwkkmr217Eny48qFVXDN/eO30I561taN4y0C/14WWlx6ibnVdchvWe4iRETDfdwrk8DHPf2rhrnwPdRxQT2uo2V3b3GpDTYpI/MX94e5DICB69fbPWr0Hwv1SVnEmpaXb7b86evmyyfvJh2UBCSD6+xzilaI9S/rfiXSdEuddsdKS+ubm81dZ7j7SqxpEIpS21CrNuy2fmIXjHFWE8beEY9f1LVRZXklzeXcd1HNPp8ErRAHLRKHchckD94BnnpwDXK694MvtA0tL+4u7K5i+0taSC1kZzFKBkoxKgHHqpIyOtanhHwla6kmh3uoQebbXmrCylX7SRuXbuxsCAj/eD/h3o0sBb1Hxrol1HqBgF+JW1ldXtC9um1mC48uQeZwM/wAQz9O1O1zx/ZahcmW0uNSginvY7uS3t7O2tmhYD5iJlBaVsngsF465qS+8B29/o9guh28UF3NqN7HLPNMwRIYmOC2ScBR3AyfeuR1bw3Ppem2mpR3drf2F2zJHc2pfaHU8qQ6qwPfkcihWDUveM9d0rXJLKTTYJDcxo/2y8ktYrdrp2bIYpGSuQP4upzW1ZePNMtr/AMPTPBdldM0qSymARcs7BgCvzcjnvg+1OtvBdjqeleGPslti4vrK7nuW+1NHvMZ4OSrgYHYKM+o60l94Ctr/AE7wyujXFlaahqWn+abeeWUvdSDJJXCsq8DHJUE9O9GmwFnRvH+gWkOkXF/b6ibzTtMk08RwohjO7dh9xYE9R8uBjJ5OOa6+PtLHh5bDyLzzRoDaZnYu3zS2c/e+779fasJvAmpx6Ob2Se0WdbM3x08u32gQBseZjbtA743Zx2q9c/DHVbXUrWwk1LSjc3EJuGRZ3/cQhdxlkOz5V7epPQEc0e6Gpoal4x8Lz+ENQ0jS7K5sftdvAqJHYwgJJEQ3zyh98m45+ZunZTzXnda+seHbjSLOzvVura+sbwN5N1aFihZThkIdVZWHHBA68Z5q/B4E1K40dL5bi0WWW0e9isi7+fJCh5cAKV9wCwJxwKpWQjmaK6S78E31ppA1Z7uyfTGtxNHeI7FJGJ2+So27vMyDkEADBJIHNXZPhtqUbLCupaZJeyWX26OySSQyvFt3cfJtBx2LDODii6A46iupuvAGq2unyT+daTXMMcMs9jEzmaFZThC3y7fTIDEjIzW3YeAbWz0bxGNWuLK81Gwhi2xW80ga1kZhkNlQp4OONwBBougPO6K7e/8AAENsfELy6tbaf/YzwqYJjJPu8wAgmRYl6ngYTr1wPmOPceEriHw7NrEOo6fdxWzRpcRW8rM8JkGVBO0K3odrNg0XQGBRRRTAK9R+AX/I+3v/AGDJP/RsVeXV6j8Av+R9vf8AsGSf+jYqmWwI+hax/FX/ACAG/wCvm2/9HpWxWP4q/wCQA3/Xzbf+j0rAs+StQ/5Cd1/12f8AmarVZ1D/AJCd1/12f+ZqtXStiAooooAKKKKACiiigAooooAK9S8E/wDIs2n/AAP/ANDavLa9S8E/8izaf8D/APQ2qZbES2Owg+7Viq8H3asVkedLcWiiigkKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigApKWkoAim6Guc8R/wDIEv8A/r2k/wDQTXRzdDXOeI/+QJf/APXtJ/6CaEdNHc8dooorc7TtpPiXfedok8FqqTaayyTs8m4XjhBGGbgEfJkdT94mnWfxBtdImt10TRZLa1GojULmOa981pmH3UDbAFUZPYk8c+t2f4WQJr/9k2utzXlxFaG8ulg05mMUe0EKoD5dySAFGOOc9qin+Hb6dBrKyMszQ6fb3dt9ptpIpsSPt2lBIAjAgght4+lR7o9Rmm/EqC0Nq95of2qSx1Ca9tcXZRV8xskMNh3Ec4OQOmQcVoXPivRE8JaBe3lkL68h1G6u1tYr4I0JMpZRINrEqcjsucdazYfA+nWni+z0G41iOfU/tEMdzayWb+T84yQrq4ZtvGc7OvB7VZtPhTdajC8yTzRPPPcpapDYu8IERIBkkLfugxGBncfrR7oamfH8QRPbRjWdJS+uIdTbUUcTBIyzYyjoVO4ccYI7de+lefFcXM+nz/2ZdSS2GoNextdaj5uQ2d0f+rGFwcLjAXjg1U034d2d9a6H52uvDd63DJJbwLZb1QoGJ3PvGB8oGQCcnp3rT8E+D9Ms/EWmR65cLc3t7pz3i6fJZB4lRlbbudm+9gZxswMdaHyhqZVr4+0y2hjgOgTTW9vqX9pWyPqHKyY6ORGNy55GNvQZzzl0vxK8y4gl/snHla0dVx9p65GPL+7/AOPfpTrTwHDqdroIW6itpL7T57rEEDPNO0bcRqry7Xc9gNgwD1rk9R0r7B4gl0zzHbZKIw8kDRNg46owBU88j17kc09GLU1NZ8Xf2t4fl0z7F5PmarLqPmebuxvBGzG0dM9c/hVjQvHP9i6XpVn/AGf5/wDZ+p/2hv8AP2+Z8u3ZjacfXn6Vo6n8NYLWXVbTTtca9v8ASzD5sTWflI3msAAH3k5GQT8uOetWb34P6hDJHDaXUzzfbEtJTdWTQRksud8blj5ig5GcDp0ovENSpa/E2S0htol0pXjjuLqSdWuD++jnOWThflI/vc/SsLWPEcF74fstE0uxks7C0lef9/cedJJI3csFUYA4AC/nWtYeBLHWdamsdF1q4u1s1me7xpreYojOAY0ViJNxOANyn1AqwvwyYeIZtOn1CaNV09b+GP7Eftcyn+AQFh84IbI3E8d80e6PUg0v4h/2bFoqf2X5v9l2lzbZ+0Y83zf4vu8Y9Oc+1PtviFaQR6LMdDZ9R0S0Nvazm8/dlsHDvHsycE5ADD3Jqvp3gNNQsdVnTUpGfT7lrcxQWMkjABSRJInDxpkbSdjEHPHFauj+BdJ1GLQ/7Snkt1vtNuLrNlCd5aM/xl5COn91Vz096XuhqZ158R7rUfDqWF8uoNcJaNal4dTeK3kU8BngAwzAH+8Ae4PSkl+ITSeMW1v+zF8mWyFjcWjTn95HsCthwBgnGehx70aD4Bj8RWFzc6fe3+1EmeKR9LYQ4jXIEkofajN6Lvx654rW0/wJoc93oEdrd3E02p2D3Tx3ttmLgNyPLlVgcjgZPqT2o91BqcnrfiOLUNFsNG0yyey06xLyBJZ/OkkkY8szBVHTAACjv17ayfES4Phm10u4XUN9pbvbRm21N4IJEIwvmRKPmK57Mue+a2JfCujavoPgy2a7XTL/AFGB0VobIP5z7zhpW3LgdAD8x56VlxfDaRtX0HT5tSEcmrpOzkQbhAYt2R975s7evFPQNSofGNi2gS6C+iBtL8tTbp9oHmwzjOZjJs+YnOCMAYAAxiuk8S+MtL0rV7S80q2S91IaLHbJeR3itFEWTBzGFOXXkfeHXkVzE/g1IPA8HiAai8pmUsUitGeGMhwvlvKpOx+QcMoHvXK0WTEdzqHxNvNQtIjIt+LyOKJCP7Sf7IzIwIf7OAPmOAPvFe+KkufiLYyDWpbfQJIrvWthuZWvtyqykH5F2DAJB4JJ568YrgqKfKgO0vfHltqV94hkv9Ika31swMYorva0LRdPmKHcD3GB9R1q3r3xMi13w7e6VJpVzFHciIoov8xW7RgACOPy8KnGSOpz96uAoo5UAUUUUwCvUfgF/wAj7e/9gyT/ANGxV5dXqPwC/wCR9vf+wZJ/6NiqZbAj6FrH8Vf8gBv+vm2/9HpWxWP4q/5ADf8AXzbf+j0rAs+StQ/5Cd1/12f+ZqtVnUP+Qndf9dn/AJmq1dK2ICiiigAooooAKKKKACiiigAr1LwT/wAizaf8D/8AQ2ry2vUvBP8AyLNp/wAD/wDQ2qZbES2Owg+7Viq8H3asVkedLcWiiigkKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigApKWkoAim6Guc8R/8AIEv/APr2k/8AQTXRzdDXOeI/+QJf/wDXtJ/6CaEdNHc8dooqSCFri4jhjxukYIufUnFbnadFL471ObxPLrckFm0k9v8AZZ7YxsYZotoUqw3ZwcA8Eciok8YXNva6hbWGnafYwX9ulu6W6ONgRtwYEuSWyeSxb9BXc2ej6V4etPG2j2X2yS9s9JCXFxNIhjlY7S21AoKDJ4yzZ9u9PxP4O0jS21fVb43Vzb2RtoUtrQw2zFpEBLMVi2he3CZJ6mougOdb4hX76rbaq+maW2pwvG73pgbzJzGMDd82BnjJQKTgc44qD/hNbqS18i/0zTb9UuJbi3NzE7G3aQ5YLhgCuTna4YZrrNa+H/hvQtP1K/uW1h4rO3tZUg82NJGabIKsSh24OOcHHPBqLU/Bek6TpuvqLuZbS3msSsksMUkiRykFsts3ZAJ+6Vz3Bouh6nMWvjnU7SfQ5Y4LQtokckdtuRsOHznf83J57Yq3p/xI1LTzZzHT9Nur2ztjaRXtxE5l8rnCnDhTgHAOM+/JzpXvgzw3beJNNR766g0K8MqrqDXUMscxX7u2VRiPJOCHX5ffskPhKC0/4SRHhuLYW+kLdwx3At7g/MR0lCsGXrh02E+1PQDnz4vuJbTTrS807T7y30+2e2jiniYh1ZtxJIYEMCOCpU1T1rxDea94gbV71YlnJXCRqQihQAAMknHHck13eqeA/CumDW8vrEh0e2guH/fxDzTKD8g/d/Lzj5uep+U45p6v4D0bQrjXbu8mvrjTtOW3EMEUqJM7ygEbnKkADnkLz7Y5LoRg3XjvVbu81m5MdtHLrCxCdo1YeX5eNpT5uDwOuaLjxzfTakmpw2Gn2uqCVJpL6GFjJKyjGSGYque+0LnvW9D4J8Otq3kve3TLeWFte6baPcxW8solbDIZGBQuo6L8u7PasjwXZvp/xY0uzlWRHg1ARlZUCsMEjkAkA/ifqaNAIh46uY9Ue9tdH0m288Si6hjgcpdCQDcr7nJxwDhSoB5xmqkXiVIdRFymhaSIhGqLa+S+xSrbgwff5m7PU7+RwcjiuxsPAtpr+o6jPfxXsP2i6vTDdC6giTMZJAWJsvLyDkjaB79auXWkaRr8PgbSNRW+W5vNL2RTwSqqQ/eIJUoS+SOcFcD17K6Gchb/ABA1GDXbnWZLDTbjUZp2nS4khYNAxXZhSrDK7eMNuHGeuSW23xA1a2n0uQQ2b/2bBLborxtiZJM7g+G9/wCHbW3B4E0VdU0vw9eT3x1jUrI3IuopI/s8TEMyrsK7mGFOTuH0p0XgPQpl8LWK3N+NT12NZZHMkfkwIMlsfLliQMAZ465PSjQNTMsviVf2ENtFDpGlFbSOWG3DrMfLikPzoP3nf+8fm96hsviHqFj/AGe0Wnac02mxSQ28zrLuWJ8/IcOAQN3BIzwOTzlvjDw9pGj2tpPpF4rPJJLHNaPqEF1JHtPyvmLgBh2PIPHNbOneDfDklv4WivW1RrvxAjZeGaNY4CGKg7ShLDOOMjvzT0EY9n8Qb+zs9LhGmaZNLpKMtlcyxyGSEnOW4cKTz3BAwOKm074m6xpws3Npp93c2SyJDdXEbmQLIcsOHC9e+M+/Jz0ereHDe6R4V0ySG4vFs7a+MgtpI4chJAMmST5Y1zjLEHHoc1Rv/h/pGnX2p3Es95Jp9hpkN6YI542ld5eAglCldoI+8FPFLQepy1r4turLQbnTbWxsYmurf7NNdpEwleLdu2nDbCe27bux36Vg16Jo3gvw3qWljWJru7h0+5vVtYRPfW1s9uAuXd2fiTBPCqASBnvik0L4eWeoWs4u2ucst0bW+S6gSKURdCkRzJKp6llIAyB707pCPPKK7DxVpmh2HhTw9cadp9zDeX9sZZZWu96sQ2DldvX0wQB6HrXH1S1AKKKKACiiigAr1H4Bf8j7e/8AYMk/9GxV5dXqPwC/5H29/wCwZJ/6NiqZbAj6FrH8Vf8AIAb/AK+bb/0elbFY/ir/AJADf9fNt/6PSsCz5K1D/kJ3X/XZ/wCZqtVnUP8AkJ3X/XZ/5mq1dK2ICiiigAooooAKKKKACiiigAr1LwT/AMizaf8AA/8A0Nq8tr1PwUCPDNpn/b/9DaplsRLY6+D7tWKgg+7U9ZHnS3FooooJCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKSlpKAIpuhrnPEf8AyBL/AP69pP8A0E10c3Q1zniIZ0S/A6m3k/8AQTQjpo7njtFFPj2eanm7vL3Ddt6474963O06Cfx74jubO5tpr9GS7hEFw32WIPMgGAHcLubHYk5HPrWnpGra1qkuoa1e3viOCRljhOo6Nb5RduBskVSgPBGPmGPQ5p9z8Q5U8VQtpklzD4ZhKQjSSoETwYw6tEDsZjljkknJHPAxpQ/EbQtPs9MtNM0eRYbLVHuTuMiEQM+cDbNy+OCD8vHSo+QzK8d+J9Xn1K7sHtL3S7G5hgU2t9DtmlWL7jtuGQScng4+tYtx4z1+6S4WbUW/0kwtKUjRGJix5ZBABUjA6Yrd1Txdoet29/Bd2+o2sdzqguES2mcoICxLExvKV80liemATxiorHxL4Xtdea4h0O70+1QTJG9leyiWRGXCb8ydc8nawGCRtNPpsIypvG/iCee3le9Rfs5cokdtEkZL/fLIqhX3d9wOaZP4x125ku3mvgTeWotJlWCNVMI6IqhcKP8AdArUXXfDE66aNSstQu1s9LaAxzSu8Zuc/KQPNBEfqFK/SuanlsZ9WMkVvJaWTyAmFZPMaNe4UnGe+M+2SetPTsBo3Hi3XtRe+Sa8MramkcNwohTMoT7g4XjHtjNWLrxX4nstavZNQmeO8njWC7gurSMq6qBtDxMu3jjGVz+dWbnV/CMkk/2HRLiwME0UljPHK0jyKpG4TB3K8jJBTGDjqKv+IvFHhHxJrGq3Vzo11bNcFHtryJyZywI3b0MnlgY4GBkYHJpfIDCTxt4gTVJtQN+JLibZv863jkT5DlMIylV29sAY7Vnw63qMGvLrMd039oLN54nZQx35znBGP0rV1HVvC73qrp3ht0tIZlZGa8dZJ4wOVlBLAEnnKbcDj3Ex1Lwc9xb3baJcI8dmwlsY5G+zy3OflO4yGQJg84Ocge+X8gIrX4geJbJVEGoJlWkKs9rC7LvOXUMyEhSeq9Pamjx74jFrHbrfRokMLQwslpCrwo3URuE3Jn/ZI/SpW1LwglxdXcWi3EjPbRi3sJZWFvHP/wAtCWD+YUGMrzk5OccU3TdX8LJqbnUvDTNZTSlmC3cjyQJswFjwyAndzl88YHbJWnYCvbeNdftNNSxt7/bFHE0EbmGMyxxt1RZSu9R7BhVSXxFqsz6c73jB9LQR2bIqqYlByMEAZ57nNb9t4m8O29roEK6H5UtjOzXl5AXjuHTeCpV1lGWKg5z0/hxWGLrSbjxc91qCXjaVJdvK6I26ZoyxIGWblugJJ9eTT+QEmq6prmu2P2y/jLWaTtulgs0hiMzAEljGoUuQByecV0P/AAm+ozaL4e0fwrFP9us4JIn/ANDjlkLsTzCcMynaSCV2mlj8W+F5/DY0a40W4sLVtUF1LHZOXDxBSAMySEhzwDjjuMUzRfFPhXTdesNWj0S406eyvGcJZu0qSwFSAG82QkODjkEA88dKXyAxYfGXiGxjhtlvcR20UluIZreN12OcurqykNkj+LNSSePfEc199rlv0eUwG2fNrDtkiP8AA67Nrr6BgcdsVZg1jwnH5H2zQ59QkuLiSS+nlmaN40Y/KIQjhcgc5cHJ46dFl1DwQNItLSDR743JmIur6SQ71i3kgogk2lyuByNo9DRp2AoxeNtfhlncXkbi4dHeOW1ikjDIMKVRlKoQOBtAqW0+IHiayjRIdRVtm8K8ttFK4DnLruZSdpPJXOPaotev/Dl9ZqdE0mXTLlLhwFErSJJBj5Sxd2IkB6gfLzWpoXibw/YWOhQ6rp1xf/Y7mWS7hmZpIWRvu7IzIF3DvkAHvmjTsBinxXqzWdrayvazwWjM0CT2MEnl7iSQNyH5cn7vTpxwKyHcySM7BQWJJ2qFH4AcD6Cumstb8MNq8j6r4YjNnNMxb7PPMGij2/KI18zG7dydxI7ACpNM1TwZaNp0N9oM9/DlzfzyyOsv+ysQSRVwOMlhk89KfyA5Oiuntb7wgjaT9q0q7cRXMrahtc/voiT5ar+84IGM9PqalGo+CltTbHR7xjJFMWuy582KQn90EXzNhQDruBJzRcDk6KKKYBXqPwC/5H29/wCwZJ/6Niry6uz+GPi+w8F+JrjUdUhuZYZbNoFW2VWYMXRs/MwGMKaUtgPePEmm+MJ9ZtX8Na4trYzMFuI5beJvs4A++uVywOPuk5yRzg/LoeJEaPwyEeVpmWe1BkcAM586Pk4AGT7AD2riv+F++Fv+fDV/+/MX/wAcqOb4vaD4oMGj6faalHcXNzDsaeKMINsisckOT0U9qx5WVc8G1D/kJ3X/AF2f+ZqtVnUP+Qndf9dn/marVutiQooooAKKKKACiiigAooqWC2mupRHbRPK56KozQA2ON5pVjjUs7kBQO5r2HRLL7DptvbdfLQAn1Pf9a5vwx4UNjIt5fgG4x8idRH/APXrtraLGKzk7mVSVkXoR8tTUyNcCpKg4JbhRRRQSFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUlLRQBFKPlrHv4RLFJG/KupU/Q1tOMiqFzFmg3pOzPDr60ksL6W2lGGjYj6jsar16V4m8Mrqy+dBhLpBgE9HHoa89u7G5sJjHdwvE3+0OD9DWydzuTuV6KKKYwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK3fBP/I76T/18rWFW94J58caT/wBfK0nsButY2jsWe1hZmOSTGCSaT+z7L/n0g/79L/hRRWYw/s+y/wCfSD/v0v8AhR/Z9l/z6Qf9+l/woopgH9n2X/PpB/36X/Cj+z7L/n0g/wC/S/4UUUAH9n2X/PpB/wB+l/wo/s+y/wCfSD/v0v8AhRRQAv8AZ9n/AM+kH/fof4VYiJgXbATGPROP5UUVLAlF1cA8Tyj/AIGacL67HS6mH0kNFFSZSHf2je/8/lx/39b/ABo/tG+/5/Lj/v63+NFFBkH9pX3/AD+XH/f1v8aP7Svv+fy4/wC/rf40UUCD+0r7/n8uP+/rf40f2lff8/lx/wB/W/xoooAP7Svv+fy4/wC/rf40f2lff8/lx/39b/GiigA/tK+/5/Lj/v63+NH9pX3/AD+XH/f1v8aKKAD+0r7/AJ/Lj/v63+NH9pX3/P5cf9/W/wAaKKAD+0r7/n8uP+/rf40f2lff8/lx/wB/W/xoooAP7Svv+fy4/wC/rf40f2lff8/lx/39b/GiigA/tK+/5/Lj/v63+NH9pX3/AD+XH/f1v8aKKAD+0r7/AJ/Lj/v63+NH9pX3/P5cf9/W/wAaKKAD+0r7/n8uP+/rf40f2lff8/lx/wB/W/xoooAP7Svv+fy4/wC/rf40f2lff8/lx/39b/GiigA/tK+/5/Lj/v63+NH9pX3/AD+XH/f1v8aKKAD+0r7/AJ/Lj/v63+NH9pX3/P5cf9/W/wAaKKAD+0r7/n8uP+/rf40f2lff8/lx/wB/W/xoooAP7Svv+fy4/wC/rf40f2lff8/lx/39b/GiigA/tK+/5/Lj/v63+NH9pX3/AD+XH/f1v8aKKAD+0b3/AJ/Lj/v63+NNN/eHrdTn/toaKKCkNN3cHrPKf+BmmSSPMu2V2dfRjkUUUzdFU2FmTk2kBP8A1zFJ/Z9l/wA+kH/fpf8ACiiqKD+z7L/n0g/79L/hR/Z9l/z6Qf8Afpf8KKKYB/Z9l/z6Qf8Afpf8KP7Psv8An0g/79L/AIUUUAH9n2X/AD6Qf9+l/wAKP7Psv+fSD/v0v+FFFAB/Z9l/z6Qf9+l/wo/s+y/59IP+/S/4UUUAH9n2X/PpB/36X/Cj+z7L/n0g/wC/S/4UUUAH9n2X/PpB/wB+l/wo/s+y/wCfSD/v0v8AhRRQAf2fZf8APpB/36X/AAo/s+y/59IP+/S/4UUUAH9n2X/PpB/36X/Cj+z7L/n0g/79L/hRRQAf2fZf8+kH/fpf8KP7Psv+fSD/AL9L/hRRQAf2fZf8+kH/AH6X/Cj+z7L/AJ9IP+/S/wCFFFAB/Z9l/wA+kH/fpf8ACj+z7L/n0g/79L/hRRQAf2fZf8+kH/fpf8KP7Psv+fSD/v0v+FFFAB/Z9l/z6Qf9+l/wo/s+y/59IP8Av0v+FFFAB/Z9l/z6Qf8Afpf8K0fD9nbReJNNeK2hRhdR4ZYwCPmFFFJ7Af/Z)

Figure UI with menu and info box open

### 1.3.2 Recent work (Note: New section)

#### 1.3.2.1 Setting up the database

To begin setting up the database, the first task was to create a DynamoDB table (the terminology used for the database) and the API’s so that the database can be accessed. While it is possible to access the database using ‘low level API’s’, i.e. constructing the API requests manually in the correct format with a valid digital signature, it is considered much simpler to use the AWS SDK (Software Development Kit). The AWS SDK constructs the requests and converts the responses on your behalf, and the structure of the SDK between the application and DynamoDB is shown in figure x.

<https://docs.aws.amazon.com/amazondynamodb/latest/developerguide/Programming.LowLevelAPI.html>

A diagram of a software application

Description automatically generated with low confidence

<https://docs.aws.amazon.com/amazondynamodb/latest/developerguide/Programming.SDKOverview.html> (SDK image)

Amazon provides step by step instructions on how to build a CRUD API (i.e. with operations to Create, Read, Update and Delete), which also utilizes other Amazon services; Lambda and API Gateway. Firstly a table is created in DynamoDB, then create a function in AWS Lambda which serves as the back-end of the API. Lambda runs code without provisioning or managing servers, and the code for the function is provided in the tutorial but then edited to reflect the table name and the ‘put’ operation to include the columns of the DynamoDB table. However, the ‘put’ operation is likely not to be used by the app as currently planned, and the table can be populated by using the AWS Dashboard GUI. Figure x shows the edited put operation.

A screen shot of a computer code

Description automatically generated with low confidence

<https://docs.aws.amazon.com/apigateway/latest/developerguide/http-api-dynamo-db.html>

Then the HTTP API’s are created in AWS API Gateway, providing an end point for the function that has been created in Lambda. Routes are also created in API Gateway with integrations that connect with the Lambda function. This can then be tested using the CURL command line tool, and figure x shows the use of the PUT function adding 3 items to the DynamoDB table with the result shown in the AWS Dashboard GUI in figure x and with two GET requests in the command line, one for all the table and one for a specific ID. The item with ID = 124 is deleted using the DELETE command and the result is shown again using a GET request and in the GUI in figure x.

![A picture containing text, screenshot, font, black and white

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDoRXhpZgAATU0AKgAAAAgABAE7AAIAAAAKAAAISodpAAQAAAABAAAIVJydAAEAAAAUAAAQzOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAERheW5lc3RhcgAABZADAAIAAAAUAAAQopAEAAIAAAAUAAAQtpKRAAIAAAADODMAAJKSAAIAAAADODMAAOocAAcAAAgMAAAIlgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADIwMjM6MDU6MjYgMTM6MzQ6MTYAMjAyMzowNToyNiAxMzozNDoxNgAAAEQAYQB5AG4AZQBzAHQAYQByAAAA/+ELHGh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iLz48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdGVEYXRlPjIwMjMtMDUtMjZUMTM6MzQ6MTYuODM0PC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyI+PGRjOmNyZWF0b3I+PHJkZjpTZXEgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOmxpPkRheW5lc3RhcjwvcmRmOmxpPjwvcmRmOlNlcT4NCgkJCTwvZGM6Y3JlYXRvcj48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAcFBQYFBAcGBQYIBwcIChELCgkJChUPEAwRGBUaGRgVGBcbHichGx0lHRcYIi4iJSgpKywrGiAvMy8qMicqKyr/2wBDAQcICAoJChQLCxQqHBgcKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKir/wAARCAGPBZkDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwDwKfTL6/1GC1sLOe6uHh3rFBGZHYZJzgZPSs+6tLixuntr23ltp4zh4pkKMp9CDyK72O2udQ8Lapp+iq8upyJaO1vFzJPbqJNyqo5bDFCQPQHtXP6RYa3B4wtLI6XFfakilUsNRAZcbCdrqzDGBzgkYwKqcVCfKuhMZc0eZmLBY3FzaXNzBHvitVVpjuGVDNtBxnJGSBx0yKr1s+GNQhsPECLf8WN0rWt2B/zzcbSf+AnDD3UVo6Fp+paT4l1GwlFp9mtlaPU/tufs5hDDlsc8naV2/NnG3mp6/wBf12KehytFdtpFnp09z4gm8JWbalPCI/7Ntr23WaXYzYkYRcq5UY6g4BzgEcRWOj6hq+meIreTRy2txy2zi2isljljXcwfbGqjaOVzgDsTSDY46r+kaJfa7dG201YZJgMiOS5jiLeyh2G4+wya7i+t7PRrjxJMmmadNLZ2FgYQ8KSRxyOsYZwB8rcknuCeuapeDxP4h+I1hqGmaK0McOz7ULSEmNG8sguQqhUDEE44A6U/QPU4WipruzubC6e2vreW2uIzh4pkKOvGeQeRUunx6fJMw1W6uraLb8rW1sszE+hDOmB75/CgCJbO5aze8W3la2RxG84Q7FY8hS3QE+lJc2lxZyiO7glgcqHCyoVJUjIOD2I5Brs/AjWumXWp6nqTtJ4YQCC4W4t8/a2JzEgjDY3gjfwxwAeeecDxZaaha+JbptVlFxNct9oS5X7lwj8rIn+yR09Onah6Nf1/XcF1KenaPfastydPg80WsfmzfOq7V3Bc8kZ5YdKsjwtrr6nd6fBpN5c3Vk+y4jtojN5R9ymR2NZ0F3c2yyrbXEsKzLskEbld65BwcdRkA/hXVaHLBf8AhLxJNrt9dgST2rSXEcQuJGbMnUM65+u6gDmJrC8txMZ7SeIW8vkzF4yPLfn5Wz0b5TweeD6VatPDeuX5YWOjahclVV2ENq74VhlTwOhHIPeuvvb2bxroesJotncXNwlxZFLdf3lxJDFFJF5pUck5K5xnG4fWn25C/FPSLcspltdPit5lBzskS1wynHcEEH0Ioen9eQb/ANeZyEfhjWnuLq3bTZ4Z7OITTxTr5TIhIAOHwerD86p6jp9zpWpT2F/F5VzbuY5U3BtrDqMgkH8Kjgu7m2WVba4lhWZdkgjcrvXIODjqMgH8KS4uJru4kuLqaSeaRtzySMWZj6knkmgCOpBbzNbPcLDIYEYI0oU7VYgkAnoCcHj2NT6fHp8kzDVbq6totvytbWyzMT6EM6YHvn8K6XS20qHwLrP2uG8vbManbCLypVtpD8k2GOVkA47DP19Tpf8ArewdTk57ea2ZVuYZImZFdRIpUlWGQwz2I5Bqzp2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHStjx2Ym1qyNsjxwnS7Mokjh2VfJXALAAE++B9K5+C7ubZZVtriWFZl2SCNyu9cg4OOoyAfwo6u/mD2VvItvoGrLrk2jrYTzajC7I9tAnmsCvX7mc49qqXVpcWN09te28ttPGcPFMhRlPoQeRXWaH/aGt+E/EFvYST3es3M8EsyBy81zAN+8AfefDFCQPQHtUmj6VqkGm6msWmfbfENs0CJaXFstzJBbkNuIhYNyD5YOVyoPbNGvX+v6/wAw9P6/r/I4qpIbee48z7PDJL5aGR9iltijqxx0A9a9C1BLPSLXxBd22m6a19CtiJEe3SaO1ndW85UU5UfNkbcEA8Y4GLFlNJZ+MNbsNIs7PzL3SBNDbCxhcvM0EblEVlPByx2Dg+nSjv5B1X9f1ueY0V3/AIa05rmXXX1PTpE16Ew7LSHRIp3jQ53stq2xP7mTt4DZxzkPvHsdPh8T31hoiQTQyWapDqenIrW7uG8wiJiwUE5IU5ABHHAwbAcDDbz3HmfZ4ZJfLQyPsUtsUdWOOgHrUdenWU0ln4w1uw0izs/MvdIE0NsLGFy8zQRuURWU8HLHYOD6dK4iaFG1u5TxT9q0uYAb47bTUVlbAwDFujCjHPH5c5o62BbXK2naHq2sCQ6Tpl5fCPG821u8mzPTO0HHSob2wvNMumttRtJ7S4UAtFPGUYA9ODzW94IEK/EC0Fs7yQgzCN5ECMy+W+CVBIB9sn60nhCwi15L/QTHALy6jWWzndRuWSM5ZQ3YFC+R6qKN9g23Oaor0TT9moxeJrrwx4ftr97eS2hsUGnicpGN6GTZtIJIAJLA8nJ5Aq5baXpkura2bS0V9VhhtM21jpsV8InZf9I8u3Zgpw+Aeu3JwPQA8vorsZYGf4mCLw9oAknbkaZqtosKl/Ky+Yi+FGcsBu44xXHt945GDnoKBiUV1ngfSpL5dRuYI/Oe2RAIotMTUJjubGVhdguBjljnHGOtdReaP9l1HxT/AMI9oFtqF3F9ieCJbBbgRGSMmRkjG5QMnp8yjjHQUPQS1PK6v6Rol9rt0bbTVhkmAyI5LmOIt7KHYbj7DJrvzp/zeIn0LQbTUNThSyDQRWK3K28zI3n7IwCAA2RjBAI6cDEOk6TJN8XLVtJ08stuImvxZQ5ht5jD+8Hy8KN+4Y6AgjtQBwWlaVea1qUWn6ZD591NnZHuC5wCTySB0BqoRgkHqK7TwFouqf8ACaLYXOhvPGrBL6K504SmFSpI3b1Jjz68GovDWj3dvFraLpPn6/axxC3sLq18yQBm+dhC4O5guOCpwGzjjNAHIVJDbz3HmfZ4ZJfLQyPsUtsUdWOOgHrXZ+G9I1C81LWLi8sfKvrURh7SLQ47mZSxx8tq21FGByxHGRjrW4hOmePPEOlaJaWZa50wyQQCyhkMkxhRyqAhuD8x8tSV9AcCjp8g6nm+laVea1qUWn6ZD591NnZHuC5wCTySB0BqoRgkHqK7rwbp+sXvj4wX+grIGYLfwPpEe2EFTtynl4izgcgLmqugaRf22m6slpoxufENvLCv2O5shNJFCQxdxC6nJz5YJ2nAbtnNAHH0AFmAUEknAA716NqCWekWviC7ttN01r6FbESI9uk0drO6t5yopyo+bI24IB4xwMVp7C0s/HF5qzW0UdnptnDqDwogWNpniQogUcAGVxwOMZ7UdQ9DjptJvbfWf7KlhAvRKITEHU4cnG3IOM5OOvHeor6yuNN1C4sb2Pyri3kaKVNwO1lOCMjg8+lXdM1m7ttSeXbazvdSgym7s4bjJJ5I8xWxnJ6YrroLJI/Hnii3s9BuLpUuJI4ZLHS0vRZ/veP3DDYQQCvUY7UWenz/AEDTX5HntFd/HpFzbXPiFNLtbPWdct7mJVSHT45AsBDF2W32lQwbYrDadhJHvU+oJZ6Ra+ILu203TWvoVsRIj26TR2s7q3nKinKj5sjbggHjHAwdLjOG07R77VluTp8Hmi1j82b51Xau4LnkjPLDpUeo6fc6VqU9hfxeVc27mOVNwbaw6jIJB/Ctrxa7ab4muk01jZxXVtA8sVsfLRt8SSEbVwNu45x0HHpWBcXE13cSXF1NJPNI255JGLMx9STyTQIjoq3p8enyTMNVurq2i2/K1tbLMxPoQzpge+fwrpPDWnmbTdYm8PWQ1XUYZoUtkns0lZYCW3yeS29c5CA/e27jz3oA5i+sLnTLr7Nex+VLsR9u4H5WUMpyPUEGpdO0e+1Zbk6fB5otY/Nm+dV2ruC55Izyw6Vt/EUOvjWcSmMuLe2DGHbsz5CZ27eMemOPSucgu7m2WVba4lhWZdkgjcrvXIODjqMgH8KFYHcttoOpJ4gbRGtj/aKymFoQ6nDDrls7cDuc4A5zTG0i8Vb1lWKRbHaZ2inSRVBO0EFSQwyQMrkcitjwpO154gubq5uZptRe2uGj87LLKTC+4vJksCByPlbJ4JXqKXhbUIbDXoxfE/YbtWtbsf8ATJxtJ+qnDD3UUJPbqDstehU07R77VluTp8Hmi1j82b51Xau4LnkjPLDpU8fhrVpfEjaBHaZ1NZGjMHmJwygkjdnb0B71FeRX+galfacZ5IJEcwTiJyokAbPPqMgEfga6P4fw6lrXjJWlsW1aGZ/9OkuLMXWAQcFmZWKkkdcgn1o31QPS9zjSMEg9RWhcaDqVqLkz2+37JFHNMPMUlUkxsbAPIO5enTIziuh8PaLqEGn6wtto5uNftpIEW0urMSvDE24u/lSAg87BkqcBs8ZzV/XL9NO+KTpqbR/ZLq1gtb3yduzy3t0Viu35cA4YY4+UYot0QHGado99qy3J0+DzRax+bN86rtXcFzyRnlh0qPUdPudK1Kewv4vKubdzHKm4NtYdRkEg/hU15Ff6BqV9pxnkgkRzBOInKiQBs8+oyAR+Bq54efU9R8XQSW1pDrWoTM7eTqGJEmO05L7iM8ZPJ6ijezQbXuYlWILG4ubS5uYI98VqqtMdwyoZtoOM5IyQOOmRUDfeORg56CtfwtqENhr0YvifsN2rWt2P+mTjaT9VOGHuooWuwPTcqado99qy3J0+DzRax+bN86rtXcFzyRnlh0p02h6nDrkmjmylk1GKQxtbQr5rbh1A25z07UXkV/oGpX2nGeSCRHME4icqJAGzz6jIBH4Gup+G1xrt948tZLY3t1HLdxSahMitISobIMj8nbnnk4JAJ6Cha2sKV4p3ORsNL1DVblrfS7G5vZlUs0VvC0jAA4yQoJxkipLLQ9W1K4mg07S727mgOJY4Ld3aPnHzADjkHrXQ+H/CGtajrd9ZXFvqVna2m2e/ijgcy7c5RRHjLOc/Lkep6A0t5Zajr3jrU7u98K6xOWk8yWxtEaOWHd9zeTG+MgdwM9c0LVoqSs35HMppt48N5KICFssfaAxCtHltvKnn72AeOM80/TtHvtWW5OnweaLWPzZvnVdq7gueSM8sOldVqGpRWfxUvm1C4SezvmMF4Y8YSORAGU4JBaMkc5PzJnrXL3kV/oGpX2nGeSCRHME4icqJAGzz6jIBH4GhPa/9f1oJ9bf1/WpDqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwqtWhY2Wp+J9cS2tt97qN2xIMswDSNgk5ZyOeD1NUHRo3ZHG1lOCD2NLW2oehPBY3FzaXNzBHvitVVpjuGVDNtBxnJGSBx0yKl07R77VluTp8Hmi1j82b51Xau4LnkjPLDpVvwtqENhr0YvifsN2rWt2P+mTjaT9VOGHuoqteRX+galfacZ5IJEcwTiJyokAbPPqMgEfgarS/9f12FrbT+v61IdR0+50rUp7C/i8q5t3Mcqbg21h1GQSD+FJFYXM+n3F7FHut7ZkWV9wG0vnbx1OcHpXW+FVv9R0TxBfW2ljXNWEluUee0+2SLuLhn2kHJ+oI6ccCtS9uYNIsPE0llZ2BmX+zxNCYVkghuCjebtTleG3DaQQDnjgYnZalbvQ82or0i60wLeaxL4d0m3u9W22UqWi2STiOKSENK8cJUr98qPunaG4xmm6glnpFr4gu7bTdNa+hWxEiPbpNHazurecqKcqPmyNuCAeMcDDem4lrsec1Ygsbi5tLm5gj3xWqq0x3DKhm2g4zkjJA46ZFekwaRpz6xrj2lmW1AQWU0Fva6XFeFFkjDSslu7KpG4r2O0NwO4wJb3TtN+IkyfYrrT9Ou0Fte2tzbCBkEiAOfL3HaAx3qM8YHpRZ3sF1a5zWnaPfastydPg80WsfmzfOq7V3Bc8kZ5YdKj1HT7nStSnsL+Lyrm3cxypuDbWHUZBIP4VNeRX+galfacZ5IJEcwTiJyokAbPPqMgEfgaueHn1PUfF0EltaQ61qEzO3k6hiRJjtOS+4jPGTyeoo3s0G17mJU1pZ3N/dJbWNvLc3En3IoULs3GeAOTxUTfeORg56Cuy+F39rP40sY9LiuXtTdRNemCIkBA2RvYDhc84JwSB6DDWopPlTZy1hpeoarctb6XY3N7Mqlmit4WkYAHGSFBOMkVJZaHq2pXE0GnaXe3c0BxLHBbu7R84+YAccg9a6Hw/4Q1rUdbvrK4t9Ss7W02z38UcDmXbnKKI8ZZzn5cj1PQGlvLLUde8dand3vhXWJy0nmS2NojRyw7vubyY3xkDuBnrmktWipKzfkcqlncy3os47eV7pn8sQKhLl8427euc8YqzaaFq9/dzWtjpV7c3FucTQw27u8Zzj5lAyOeOa75p7C28ba1eS65YxatPOkVuZY5WEKuo8zBjVwXAPl5J/vHOaq31tI/i/xZYW2kX3iCC6uiZjpRdGgIlLAEtC3OQQeMccE0dvP/gC7+X/AATgbq0uLG6e2vbeW2njOHimQoyn0IPIqKuhv/CzyeNn0Dw6/wBvkZgIlaVAQdm5kLZCll5UkHkqcelc+6NG7I42spwQexpLYZPBY3FzaXNzBHvitVVpjuGVDNtBxnJGSBx0yKl07R77VluTp8Hmi1j82b51Xau4LnkjPLDpVvwtqENhr0YvifsN2rWt2P8Apk42k/VThh7qKrXkV/oGpX2nGeSCRHME4icqJAGzz6jIBH4Gq0v/AF/XYnW2n9f1qQ6jp9zpWpT2F/F5VzbuY5U3BtrDqMgkH8KrV1miXzL4b8Q6vcwW9/qCzW2y4v4VuGUuX3N8+QScd8j8QMb0ehLN4n1e40+1jHlWtpL9ntdJS+kDSxqzGO3YhAuScnHy5AGM0knsN2PNaK9lg0rSbTxJeQrpGnzxT6haxMJbZGCrJavI4QAkJlhn5TgdjVJNL0+6Mt5b2C/2pNpdjOlvY6RDdYD7vNdLZiqHkICcHGc98g/4H4q4f1+Njy+CxuLm0ubmCPfFaqrTHcMqGbaDjOSMkDjpkVLp2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSullvdO034iTJ9iutP067QW17a3NsIGQSIA58vcdoDHeozxgelc5eRX+galfacZ5IJEcwTiJyokAbPPqMgEfgaFb+v69Ad/6/r1IdR0+50rUp7C/i8q5t3Mcqbg21h1GQSD+FVq2/Dz6nqPi6CS2tIda1CZnbydQxIkx2nJfcRnjJ5PUVit945GDnoKWvUfoTwWNxc2lzcwR74rVVaY7hlQzbQcZyRkgcdMipdO0e+1Zbk6fB5otY/Nm+dV2ruC55Izyw6Vb8LahDYa9GL4n7Ddq1rdj/AKZONpP1U4Ye6iq15Ff6BqV9pxnkgkRzBOInKiQBs8+oyAR+BqtL/wBf12J1tp/X9akOo6fc6VqU9hfxeVc27mOVNwbaw6jIJB/Cq1db4Qa41G/1KafTL/VrqaMf6ZFp66i8DFgSzRSfK24AjJII6irr+HJ7lfFOnWtvBqmqQT27R/YrVVYJlg+2NQNmNyhlA4PB6Zpa9R6anC0V6jLpL20viBdE0C01C+t4dOEMcdkt0Iy0PzuqgFTk8k4IPXng0w6f83iJ9C0G01DU4Usg0EVitytvMyN5+yMAgANkYwQCOnAwMDzGivSLnT0+06w/hzSrS81yIWgltIrRLhYd0f8ApBjhIZeJNqng7ckDFMuo7DS38R3cemafLeW1naM8LwrJFa3TsolCr93hifl+6DxggYo2A8+ht57jzPs8MkvloZH2KW2KOrHHQD1qOu/8L69JqGr6rHpWl2ME91pThLZLOGTzp1Rc7FKcBtrN5Y+X2NcZqy3q6pONUtfsl2CPMg+zLb7Dgf8ALNQAvGOw9aHo7AtrlOiu08BaSdSsNZe0it31CJYVt2uLFrxUDMS/7pY5Oy43FSB0yN1aV9cWkGoeLr5NDtI3so7dLWC605YhCxdVL+VgYzksAw5BG4HpQ9APOaK7nTpf7astT1Dw/oNrJrK/Zk+yJaJcAR7SJZUgKleXCZwp27uOuat6hoEd/Hr1ppGmRTaskdjLLa2cQdoJCCJ1QLnADkAgcDp0FD0A87qxBY3FzaXNzBHvitVVpjuGVDNtBxnJGSBx0yK9Jl0l7aXxAuiaBaahfW8OnCGOOyW6EZaH53VQCpyeScEHrzwaxLm7sNK+IZikSGG0urdLbU4rcARxtJEomCgcDa5Jx2ZfajrZB5s5bTtHvtWW5OnweaLWPzZvnVdq7gueSM8sOlR6jp9zpWpT2F/F5VzbuY5U3BtrDqMgkH8KmvIr/QNSvtOM8kEiOYJxE5USANnn1GQCPwNLY2Wp+J9cS2tt97qN2xIMswDSNgk5ZyOeD1NG9rBte5n1Ygsbi5tLm5gj3xWqq0x3DKhm2g4zkjJA46ZFQOjRuyONrKcEHsa1/C2oQ2GvRi+J+w3ata3Y/wCmTjaT9VOGHuooWuwPTcqado99qy3J0+DzRax+bN86rtXcFzyRnlh0qPUdPudK1Kewv4vKubdzHKm4NtYdRkEg/hU15Ff6BqV9pxnkgkRzBOInKiQBs8+oyAR+BrqPBkEerW+tXlz9ov8AWQYmjxYJqMpRmPmOIpGAc52AsckA++Qb6oHpoziKK9c0i00htYugugRos+pwW8tvqWnrHJFut5GkCplvLBZdwAPAIxiqn9ii9vxqNjZwLK2kWc729lo0d45eTIZktyVQDj5mIOMjHWj+vvVw/r8bHnOlaVea1qUWn6ZD591NnZHuC5wCTySB0BqXSdDvtcu2ttNWF51GRHJcxxFvZd7DcfYZNeg22iN/wt6az0zRobrTnWJrpBp6TRxh4QxI4cRgsTjacdgcVz/gLQtXX4g2kbaXeh7OXNypt3zBlTjeMfLn3o3B6HLQWNxc2lzcwR74rVVaY7hlQzbQcZyRkgcdMipdO0e+1Zbk6fB5otY/Nm+dV2ruC55Izyw6Vo6DI+g+KBaa5BNawzqbS+hmQoyxyDBJU9CMhhnuBVC8iv8AQNSvtOM8kEiOYJxE5USANnn1GQCPwNGn9f16Br/X9epDqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwqtW34efU9R8XQSW1pDrWoTM7eTqGJEmO05L7iM8ZPJ6isVvvHIwc9BS16j9CeCxuLm0ubmCPfFaqrTHcMqGbaDjOSMkDjpkVLp2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSrfhbUIbDXoxfE/YbtWtbsf9MnG0n6qcMPdRVa8iv8AQNSvtOM8kEiOYJxE5USANnn1GQCPwNVpf+v67E620/r+tRt3o+oWWo3dhcWkn2my3faEQb/LC/eJK5GB69KpV2ngbVtRn1DWYU8q9vb2wnaP7RbR3Es8oAO0F1LNkA/L0OOhq34a05rmXXX1PTpE16Ew7LSHRIp3jQ53stq2xP7mTt4DZxzkLX8B+fmcBUkNvPceZ9nhkl8tDI+xS2xR1Y46Aetd/bW1u/i7WF07wxqnzQxjH9iJO9lIdpYm1clAr4bALDaDxS6I19pni3xHo9v/AGfe3UlnOIRFp0J82QKCEVCnBxnMY4yCMHFHT5Nh/mjh9N0m81ed4rGNW8tDJI8kqxxxr6s7kKoyQOSOSBUd/p9zpl69pfR+XMmCQGDAgjIIYEggggggkEGvQ9B0m4vdKvI9W0lmu3uXefTxAbUOY1hVAyRhCqqJ3kIBX7uT3rXvdK0v+0L+2srOZtR0+3jit7WPTlv5YoTPKeIZWAYhDFyckBvfIHpb+v6/pgtU3/W9jx2ivRYrLSZfEGtf2lpE2n6AscRu5LmzFvPazkLgRr8xXc2f3YONpP8AdFLa6HeTeJ9dnfTreB7cR+Ta2GkpfkxMcI0ULFUZNoBMhBPI7saAPOaK9lg0rSbTxJeQrpGnzxT6haxMJbZGCrJavI4QAkJlhn5TgdjVCaweTTbu+0Xw7Z3uoy6dp8yxRaasoiZxIHdYgu3sOoI7kZxQ9r+n4q4f1+NjzjSNEvtdujbaasMkwGRHJcxxFvZQ7DcfYZNUK9I0nSZJvi5atpOnlltxE1+LKHMNvMYf3g+XhRv3DHQEEdqoeD9EEcOtRXthdDWrbyRFa/2Ul5MiEnewt5WUH+DJIJAbOOcgA4aiun1fRZNb8eSaZ4c0q5t7icAiyuYVtWVxHuf5CxCA4ZgM8AgDtTvCNk81lrEtjYw6hrEEcYtLWSATkgtiR1iIIcgY6g4BJ7ZoQM5aiu10qy1KS21qWHRY5/EkU0INk+mIzQwkNvZbYptznywTt4Dds5rq9M07SotUeOTSdNllnvbWC8iaBXWCRraRpo0/ufOvRfukYGMUPRX9PxDrb+tDyeCxuLm0ubmCPfFaqrTHcMqGbaDjOSMkDjpkVLp2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSuxv7uz07xdpM08ENtZarpMK38dvEsabZUwzBVAAwcN9VBrkLyK/0DUr7TjPJBIjmCcROVEgDZ59RkAj8DRs7Pz/D+kHTTy/Eh1HT7nStSnsL+Lyrm3cxypuDbWHUZBIP4VWrQsbLU/E+uJbW2+91G7YkGWYBpGwScs5HPB6mqDo0bsjjaynBB7GlrbUPQngsbi5tLm5gj3xWqq0x3DKhm2g4zkjJA46ZFS6do99qy3J0+DzRax+bN86rtXcFzyRnlh0q34W1CGw16MXxP2G7VrW7H/TJxtJ+qnDD3UVWvIr/QNSvtOM8kEiOYJxE5USANnn1GQCPwNVpf+v67C1tp/X9akOo6fc6VqU9hfxeVc27mOVNwbaw6jIJB/Cq1dn4csbbxJoupza5Mc295DPc3zEGYIySKfnbJIL+X68mugg0KytbzUbJLItrGnWVlH5VtpkV85JXMziF2VXOSgLHJAP4hWa3HvseaRWFzPp9xexR7re2ZFlfcBtL528dTnB6VXr0+GKXy/Fa+G/D1w8++zP2C60zLROQ+9vs+WAGSSAcgBhxwKrQ2kA8U6jHZaFLdTmzgWd9O0yO+SxuSqmUeQ37vlgy9RtOcdMUdf67AcJpWlXmtalFp+mQ+fdTZ2R7gucAk8kgdAahitp5zIIIZJfKQvJsUtsUdWOOgHrXe+HdFvv8AhZ9zYfYbXV7ZZtl48WmRvEilSR8uzEJzwQMYIIzxVPwS2p6ZqWsaQbFEv5NPmEdrdWEbzNIFBCASKWORk7Oh9DR0v5B1t5nE1Ygsbi5tLm5gj3xWqq0x3DKhm2g4zkjJA46ZFdv4a05rmXXX1PTpE16Ew7LSHRIp3jQ53stq2xP7mTt4DZxzkUpb3TtN+IkyfYrrT9Ou0Fte2tzbCBkEiAOfL3HaAx3qM8YHpR5Ac1p2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSo9R0+50rUp7C/i8q5t3Mcqbg21h1GQSD+FTXkV/oGpX2nGeSCRHME4icqJAGzz6jIBH4Grnh59T1HxdBJbWkOtahMzt5OoYkSY7TkvuIzxk8nqKN7NBte5iVYgsbi5tLm5gj3xWqq0x3DKhm2g4zkjJA46ZFQN945GDnoK1/C2oQ2GvRi+J+w3ata3Y/6ZONpP1U4Ye6iha7A9Nypp2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSo9R0+50rUp7C/i8q5t3Mcqbg21h1GQSD+FTXkV/oGpX2nGeSCRHME4icqJAGzz6jIBH4Guk8OWNt4k0XU5tcmObe8hnub5iDMEZJFPztkkF/L9eTRuroNnZnGUV6fc+GtNkt7rTNQhhsv7IWxN7cwoiyLuhff8ANjnMhjBznmi58NabJb3WmahDDZf2Qtib25hRFkXdC+/5sc5kMYOc80en9eYev9eR5hRXW654Zu7nxhZ+G9Iso21CKzhjkiQom+URb3JJwM8nkntU/gXT7a5sdYfyJLjVIfKEEUOnR37iMsRIywuwVudgJ52g++QLUHocXX0F+y/bPdWfixIyoIksj830uK4KKy0mXxBrX9paRNp+gLHEbuS5sxbz2s5C4Ea/MV3Nn92DjaT/AHRXsH7P0Fxb+JPHK3Vlb2WZLIxRWqBYvLxPsZCANylcHd36nml2A9U/si4/vx/mf8KP7IuP78f5n/CtmimB8B+I+L6D/r3T+tZNd9oVhLqtzeXcMXmyWttEgii0xdQmbLkZWFyFxxyxzjjHWung0rSbTxJeQrpGnzxT6haxMJbZGCrJavI4QAkJlhn5TgdjV1GnJyX9bEwTS5WeNVp6fpuqeJ78x2zrdXQQAC4u0R3AGAF8xhuwBjAzgCvQ5rB5NNu77RfDtne6jLp2nzLFFpqyiJnEgd1iC7ew6gjuRnFUdJ0mSb4uWraTp5ZbcRNfiyhzDbzGH94Pl4Ub9wx0BBHao6tFeZ5vRXc+D9EEcOtRXthdDWrbyRFa/wBlJeTIhJ3sLeVlB/gySCQGzjnIzdX0WTW/HkmmeHNKube4nAIsrmFbVlcR7n+QsQgOGYDPAIA7UAcxRXU+EbJ5rLWJbGxh1DWII4xaWskAnJBbEjrEQQ5Ax1BwCT2zVzSrLUpLbWpYdFjn8SRTQg2T6YjNDCQ29ltim3OfLBO3gN2zmgDiqACzAKCSTgAd69g0zTtKi1R45NJ02WWe9tYLyJoFdYJGtpGmjT+5869F+6RgYxWHdWlpF4htNfltLeK3s9Gt9RmihhWON5yMRqFUADdIVzx0Bo2ev9aXDdaf1rY4e50i/tb+5s5bZzcWgJuEj+fygOpYrkDGefTvVOuz8CanfSX+s28CW9zeXthO8aS2kU0k0uA20blJOcE7Oh9DVzw1pzXMuuvqenSJr0Jh2WkOiRTvGhzvZbVtif3MnbwGzjnINfwD/M4CpIbee48z7PDJL5aGR9iltijqxx0A9a7+2trd/F2sLp3hjVPmhjGP7ESd7KQ7SxNq5KBXw2AWG0Hil0Rr7TPFviPR7f8As+9upLOcQiLToT5sgUEIqFODjOYxxkEYOKOnybD/ADRwcFjcXNpc3MEe+K1VWmO4ZUM20HGckZIHHTIqXTtHvtWW5OnweaLWPzZvnVdq7gueSM8sOla+mX02neMnTxFbGzS6Btb+D7MtvsjdcE+WAoUjhxwOQDWVeRX+galfacZ5IJEcwTiJyokAbPPqMgEfgaNP6/r0DXp/X9akOo6fc6VqU9hfxeVc27mOVNwbaw6jIJB/Cq1aFjZan4n1xLa233uo3bEgyzANI2CTlnI54PU1QdGjdkcbWU4IPY0tbah6E8FjcXNpc3MEe+K1VWmO4ZUM20HGckZIHHTIqXTtHvtWW5OnweaLWPzZvnVdq7gueSM8sOlW/C2oQ2GvRi+J+w3ata3Y/wCmTjaT9VOGHuoqteRX+galfacZ5IJEcwTiJyokAbPPqMgEfgarS/8AX9dha20/r+tSHUdPudK1Kewv4vKubdzHKm4NtYdRkEg/hSX1hc6ZdfZr2PypdiPt3A/KyhlOR6gg10/huG91PTdYv7K1Gsa95sO1biEXTLGxbzJdjhgxyEBJBwGzx1rrLrT4LrxLrzvD9p1aG2sRDHaabFf4QwqJGjgZgjDO0ZAO0Hgc5Cs+o+p5JRXodtbW7+LtYXTvDGqfNDGMf2Ik72Uh2libVyUCvhsAsNoPFQ2ujy2+reJUtILLV9atfLFrDHZIysGb94y2+3buUYBXadpLemaAOCq3pWlXmtalFp+mQ+fdTZ2R7gucAk8kgdAa6fS2lsrPxRe6vo9odRtY4dkN1YoiwO0gXIi2hRwemMHuDVrwg0viPxzFJZeHbdrOREjvo0sEmiUhMF8bMRbmGflx6UdAODIwSD1FSQ289x5n2eGSXy0Mj7FLbFHVjjoB612fhjSdSttG8QJF4d+2axavbrHBc6f58kG7fuby2U9sdQR0OOla9jcm18W61p2kWtgbq40klraOzhlBuxEhkjjBU8bg/wC7HGQRjgUf5fpcOp55pWlXmtalFp+mQ+fdTZ2R7gucAk8kgdAaqEYJB6iu68G6frF74+MF/oKyBmC38D6RHthBU7cp5eIs4HIC5qroGkX9tpurJaaMbnxDbywr9jubITSRQkMXcQupyc+WCdpwG7ZzQBx9bWiXl5Y6bqNzptjbPJHFtkvWY+bbo/yHYN2Oc43bSRu6jNdZqCWekWviC7ttN01r6FbESI9uk0drO6t5yopyo+bI24IB4xwMZ93cWWj/ABGZJYkg06/too7yKJAqKk0KFyFHAwzbgOgIFG90g21+Zh6Mmq3ujarp+mW0c0DrFcXLFgGRUbCkZI7vg8Gs7UdPudK1Kewv4vKubdzHKm4NtYdRkEg/hU15Ff6BqV9pxnkgkRzBOInKiQBs8+oyAR+Bq54efU9R8XQSW1pDrWoTM7eTqGJEmO05L7iM8ZPJ6ijfVBte5iVYgsbi5tLm5gj3xWqq0x3DKhm2g4zkjJA46ZFQN945GDnoK1/C2oQ2GvRi+J+w3ata3Y/6ZONpP1U4Ye6iha7A9Nypp2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSrsker6Naazoc1ljbJGb0hd5gMbED5lO0Al8Z5zxiql5Ff6BqV9pxnkgkRzBOInKiQBs8+oyAR+Bre8NRajrmk+KVhjutRvp7SJiFVpZZD9ojJPcn1o32DZ2fc5+31Se20e906NYzDePG8jEHcCmcY5x/Ec8VSrsdB0fULXTdWS10VrjxDbywgWdzYiaSKBgxdxC6nJz5YJ2nAbtnNal1HYaW/iO7j0zT5by2s7RnheFZIrW6dlEoVfu8MT8v3QeMEDFD0f9dv6+Yf1/X9bHnVFeheHDp2v/ANrX1tpYi1NIrZY7az02K9yMYllS3YqnLBc4B2huPUbWkWmkNrF0F0CNFn1OC3lt9S09Y5It1vI0gVMt5YLLuAB4BGMUPTcN3/Xa55HVvStKvNa1KLT9Mh8+6mzsj3Bc4BJ5JA6A1teOIoV1HTZ4LeC3N3pdvcSJbxLGm9l5IVQAOlWPhxY3d/4qihh0tdQs2O2732K3CxqQcEllOzkdRg0d16h0OSIwSD1FFdv4Y0nUrbRvECReHftmsWr26xwXOn+fJBu37m8tlPbHUEdDjpV+K0gHizU4rLQpbqb7JAsz6bpkd9HY3BVTKBA3yYLBl6jac46Yo62A85qRbiZLeS3SaRYZGVnjDEK5GcEjoSMnH1Nds/hye5XxTp1rbwapqkE9u0f2K1VWCZYPtjUDZjcoZQODwema6iw0vTbXWZLeTSNMnWS6srdw8CSKFazZn2kcDLLncPqD3o6X9P0D7Vjy7SNVi0qbzX0qyv5VZXja6Mp8sjngI6g/RgRxVS7u5r+9nu7t/MnnkaSRyANzE5J49zW/44ihXUdNngt4Lc3el29xIlvEsab2XkhVAA6VN4TsZrjRdUuNI0+LUdXikhWKGS2W48uJi2+QRsCp5CAkg7Q2eOtHfy/zsGy9TnL6wudMuvs17H5UuxH27gflZQynI9QQan0jRL7Xbo22mrDJMBkRyXMcRb2UOw3H2GTXoet2dzLrGtS6Xp9tqeuRR2KiFLWO5CwmAeY8cW0qw3BBkKcA8YzVbStGlf4tWbaXpzHyFifUEs4i0VrO0X7xflyFG/Ix0ByB0oDoebUV2GgaRf22m6slpoxufENvLCv2O5shNJFCQxdxC6nJz5YJ2nAbtnNat1HYaW/iO7j0zT5by2s7RnheFZIrW6dlEoVfu8MT8v3QeMEDFD0/r+v+HA86oq9rGoQ6pqH2qCxist0aCSOEAIzhQGcKAAu4jO0DAzW34Ihaaa/EejXeoOYVVLi101b82p3A5ML/ACncARkkEdqa1BmDpWlXmtalFp+mQ+fdTZ2R7gucAk8kgdAahitp5zIIIZJfKQvJsUtsUdWOOgHrXe+HdFvv+Fn3Nh9htdXtlm2XjxaZG8SKVJHy7MQnPBAxggjPFU/BLanpmpaxpBsUS/k0+YR2t1YRvM0gUEIBIpY5GTs6H0NLpfyDrbzOV0nU5tH1SG+tkjkeIn5JQSjqQQykAg4IJHUdaguZUnuZJYreO2RjkQxFiqew3En8yan1Zb1dUnGqWv2S7BHmQfZlt9hwP+WagBeMdh610HgfSpL5dRuYI/Oe2RAIotMTUJjubGVhdguBjljnHGOtC1B6HLz3E11L5tzNJNJtC75GLHAGAMnsAAPwqOvZYNK0m08SXkK6Rp88U+oWsTCW2RgqyWryOEAJCZYZ+U4HY1STS9PujLeW9gv9qTaXYzpb2OkQ3WA+7zXS2Yqh5CAnBxnPfIP6+9XD+vxseVw289x5n2eGSXy0Mj7FLbFHVjjoB61HXpWmXfkeL9fsNE0v7NJc6dIY7G90uJZjPsUsqxsHIU4ZhHkjGODgVxv9j61rXin+zP7PEWqzNj7IYUtMELnGzCqvAzjAz+NHVegdLsy57ia6l825mkmk2hd8jFjgDAGT2AAH4VHSujRuyONrKcEHsa6jwfZtcWGrzafZQ6hq8Mcf2S1kgE5KlsSOsRBDkDHBBwCTjjNAPTQ5aiu10qy1KS21qWHRY5/EkU0INk+mIzQwkNvZbYptznywTt4Dds5rR1BLPSLXxBd22m6a19CtiJEe3SaO1ndW85UU5UfNkbcEA8Y4GB6INzz2e4mupfNuZpJpNoXfIxY4AwBk9gAB+FR16OljGni/VFstAuLnzrO2kWSx0pL1bR3jR2PkMNmG+YdsdvSjSdEgj1bxJFJsv9WtZIhCLHSIrr92Sd5W1YqgI+RWGDsJP1osHS55xUkNvPceZ9nhkl8tDI+xS2xR1Y46Aetd+tjby6x4hl0LRHOqQxQG202909fMQtjznW2JYH1C87Q2ccCq/hK81aHW9csJbC3j1K4sJttpJpcKu0oUEIsZTjIBOwDB9DR0+Qf5nCVYP23UpZJW+0XckcW6RzucqigDJPZQMD0HFdv4a05rmXXX1PTpE16Ew7LSHRIp3jQ53stq2xP7mTt4DZxzkW9Mu/I8X6/YaJpf2aS506Qx2N7pcSzGfYpZVjYOQpwzCPJGMcHAo/yDqcDpmrXmjXDXGmyLDOyFBL5SsyZ7oWBKN/tLgj1qmSScnkmuystG1HV9N8RW8ujltcjktnFrFYrFLGuSGKxqo2jlM4A6gmtW+t7PRrjxJMmmadNLZ2FgYQ8KSRxyOsYZwB8rcknuCeuaA8jzipJ7ia6l825mkmk2hd8jFjgDAGT2AAH4Va1jUIdU1D7VBYxWW6NBJHCAEZwoDOFAAXcRnaBgZre8D6VJfLqNzBH5z2yIBFFpiahMdzYysLsFwMcsc44x1oWoPQwLfVJ7bR73To1jMN48byMQdwKZxjnH8RzxU8PhvVrjXYtHhtd1/MiukPmIMgpvB3Zx93nr+td1qWiJBrXiA+GtKt7zUozaGK2FrHMsUcke6WRYjvTG7aOMhQ3BxzU6WF9ffF5oBpkOo2xgtkvStjHcRIPs68g7SEBI4K49qAPKiMEg9RVvStKvNa1KLT9Mh8+6mzsj3Bc4BJ5JA6A11nhjSdSttG8QJF4d+2axavbrHBc6f58kG7fuby2U9sdQR0OOlamlaY1z8TxbWGjW91bGKFdTiisEnhglMWZAPlIj+fI4xggjtQB5oRgkHqKK6/wnpt3a6jqVpd+HtRmu0iVNyaSLx7NiwbLQSDadwBGTgjqKvWujy2+reJUtILLV9atfLFrDHZIysGb94y2+3buUYBXadpLemaAOSsrPU/EusRWlr5l7fTDagklGWCr03McYCr69sVnkYJB6iu58Gafq9749aC90JZVZ9t/C+kxlYAVOMpsxFnHUBaqaPDLofh3xBNe6VANRtZbZEXULMO0G/fk7HGMkY4II6HHANHS4HI0V6lbaDFc6zrzaXaWaXv2eykgV9Oa6jjMsYeTEKRvgH12ELnHGRXGeN5I5PGF8ILEWEUbKiwfYxbYwo58sAYyckZGcEZoemgb6mBV/SNEvtdujbaasMkwGRHJcxxFvZQ7DcfYZNdJ4EsLW70/V5BDJcanEIfs8cOmx37iMk72WB2CtzsBPO0H3yNLRdMe6+L0Umi6LqFvbwSK1zDJZGI27GPksgLCNS2SATwDgUPewHC6VpV5rWpRafpkPn3U2dke4LnAJPJIHQGoYraecyCCGSXykLybFLbFHVjjoB611/gLRdU/4TRbC50N541YJfRXOnCUwqVJG7epMefXg07wS2p6ZqWsaQbFEv5NPmEdrdWEbzNIFBCASKWORk7Oh9DR0+QdTntFuNV09bvUdHKIbaMCWbZGzwqx2hk3AspyQNy8jPUZqvp+kX+r/AGlrCHzvs0fmzHeo2ruC55Izyw6eta+mX02neMnTxFbGzS6Btb+D7MtvsjdcE+WAoUjhxwOQDWVeRX+galfacZ5IJEcwTiJyokAbPPqMgEfgaNNL/wBf1oGutv6/rUnTwxqz6xd6Utsn2+z3ebbmeMMSvUKN3znjouTUVrYar4gkuZoRJePbQq8zySjKoCqDljyBlRgVf8J3N7deP9Lud5uryS8Ri1xKR5jZ53Phj+ODWbc3K2d9dJo17d/ZZflLOPKaRcg4ZVYjGR69geKF0uHexFqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwpIrC5n0+4vYo91vbMiyvuA2l87eOpzg9KjuLia7uJLi6mknmkbc8kjFmY+pJ5JrqPDV82neC/ENxHBbzuJbUKLmISqpJk+bY3yk/7wI9qXTUOuhy8NvPceZ9nhkl8tDI+xS2xR1Y46AetENvPceZ9nhkl8tDI+xS2xR1Y46AetelWU0ln4w1uw0izs/MvdIE0NsLGFy8zQRuURWU8HLHYOD6dKzfCl5q8Oua5YT6fbxalcafLstJNLhV2lCghFjMfGVBOwDB64JpvT7r/n/kC1V/P/ACODqSe4mupfNuZpJpNoXfIxY4AwBk9gAB+Fdzodnq0lj4jlPhuK61uGS2C2z6SrNBu3gkQBNo4xwVx0OM4NWYrSAeLNTistClupvskCzPpumR30djcFVMoEDfJgsGXqNpzjpijqB5zQAWYBQSScADvXVx6dqFt8SnsrG003Wr1JXCwPbokEvyEkGP5VUgZyvGGGO1U/CcEcepXGr3katbaTEbpkI4eTOIk/Fyv4A0K27B32RkXthc6dqEtjdx7LmF9jxhg21vTgkZ9vXir02ja9e65PYNZ3l/qNuoWaKIG4dAoC4O3PA4Ht0q54YAk1i613Uh50Wmo15Lv6Syk4jU/WRlz7A1N4T0PVPFWo3jCS9NlGRc6g9sjSO/zEgKi/ecnOPTk8AGmulwfW39f1oczJG8MrRyoySIxVkYYKkdQR2NT2Gm32qXP2fTLO4vJ9pbyreJpGwOpwATiu4u76cf8ACXazf6HBb6h9qtzFDqNmHa3D7+drjBJXGcgg9cdK1f7OsJ4fEVla2NzNPKLC7bTdLASS4QxbmVQAdqCRwxCqcccDqEtVcHo7HnK313pun6ho8sAjFxKnnrKhEkbRlsDHbljkEVftrDX4Yb7w9aaVLdS3SQXMscETTSKgG5GGwnAIkGc+o6V2mrxNqepardaLpltfa9BDZQyW4hF2IfkImbbJuDlWCIWIJHPPerF/aS3eqeJraW0fVA1tp/mafpgAmkYRLiSMqCAinOcIw+ZeBwQLW9wPKLi2ntLmS3u4ZIJo2KvFKpVkPoQeQajr1LU9HstX1DWk1WSKOKyns5JbiOMJNbQmBk8ptxYgqwjVgS3ze9UbnRIJtTu/CK2Fsmprp9qYpFjUP9oRQ0gyBk7ld888lBR/X9egHndW9K0q81rUotP0yHz7qbOyPcFzgEnkkDoDXaosF/Nrs/hHSba8vLaaGC0gWySc/ZVDK0wiKkMzMqbmKkjd2zVzStJeX4mJbWOjW9zA8UX9qwR2KXENtKY8uoyrCP589CMHIHSj+v6/UDitL1+TS9PutOmsLS/s7mRJJIbnzAA6ZAYNG6t/EeM456VW1fVrjWr4XNysce2NIYoogQkUajCoMknAA7kn1JrpPCXh6+Fzqvn2cqXdkkatanSBe3I3nqLeQhcY6sRxkY603xP4alv/AIkzaP4cs42mnSOSOCMpGpYwiR8fMVUfeOA2B0Hah/1/XoHc4+iu08C6fbXNjrD+RJcapD5Qgih06O/cRliJGWF2CtzsBPO0H3yNGKy0mXxBrX9paRNp+gLHEbuS5sxbz2s5C4Ea/MV3Nn92DjaT/dFPr/X9f8EDh7fVJ7bR73To1jMN48byMQdwKZxjnH8RzxVKvTbLSVfWPEbXGmRxanG0JsrbT9LivVFuSQXihcqsgIEfz4Jw2epJFVbG3l1jxDLoWiOdUhigNtpt7p6+YhbHnOtsSwPqF52hs44FIDgJ7ia6l825mkmk2hd8jFjgDAGT2AAH4Vd0a+1PTria40YMJ0hYtKkCyNCnd1JBKEf3xgj1roLHR9Q1fTPEVvJo5bW45bZxbRWSxyxruYPtjVRtHK5wB2JrftWl0zxhrOk6VaWJlm0VfJgS0hm82b7PGxVcqd2fmO0ZDHnBo6P+ugdbf1ueXkknJ5Jorv8Aw1pzXMuuvqenSJr0Jh2WkOiRTvGhzvZbVtif3MnbwGzjnIxdeg0RvF14txHqWj2+1SYP7OUSLLtG4eUZQEUnJA3HAIGMUB3OenuJrqXzbmaSaTaF3yMWOAMAZPYAAfhUddh4O0gXk2q3Gnh7pbUIIlGkJe3DqzY3C3Z9gGB8xJbbkAHmukvNH+y6j4p/4R7QLbULuL7E8ES2C3AiMkZMjJGNygZPT5lHGOgoA820rSrzWtSi0/TIfPups7I9wXOASeSQOgNVCMEg9RXpelaY1z8TxbWGjW91bGKFdTiisEnhglMWZAPlIj+fI4xggjtXD2XhzV7/AF9dEgsJV1NiQLWYCJxhdxzvxjgZ5oAzKK7TwLp9tc2OsP5ElxqkPlCCKHTo79xGWIkZYXYK3OwE87QffIuXmjQ6t/wktvoWh3S3yNaSJZy2QjuIuolKxgsUUsQcA4AI7Chh6nn9ST3E11L5tzNJNJtC75GLHAGAMnsAAPwrp/E+n6Ta+L5bW+lksYEtLcj+z7aOYFzChPHmIuCSTuBOT9c0aJJa2HhrxDfWttbXjwTW6Ws19aI7IrGQFtjblBIHQ7h9cA0dAOUor0i60wLeaxL4d0m3u9W22UqWi2STiOKSENK8cJUr98qPunaG4xmmXUdhpb+I7uPTNPlvLaztGeF4Vkitbp2UShV+7wxPy/dB4wQMUPTf+v6/MFqrnn0NvPceZ9nhkl8tDI+xS2xR1Y46AetWWg1DUbW41KQyXEdt5cc00kmSuRtQcnJGFxx0xXZeF9ek1DV9Vj0rS7GCe60pwlslnDJ506oudilOA21m8sfL7GoLC8v9M8P+KJtR023ivlmtA1vc2CIsTHfg+TtCA47Fcc5xnmh6f152Bao4eprSzub+6S2sbeW5uJPuRQoXZuM8Acniuj8SWekR+L7hbySbT7eS3gmC2NokgDvEjMAhdAoyxPB46Yq98NV1E+PLWLQheT6f9siNzIlvgmIMSpk27to7kbsZA64Bppa2FJ2jc4ggg4IwRRWvF4a1m+8Tf2JDp8y6lIzFbaceU33S3O/GPlGea1vBGkS3n9pXEUXmyWqIPKi0xNQmO5sErC7BcDHLHOOMdaS1KkuVtGNpmuNp9lNZT2FpqNpM6yGC6D4VxkBlKMrA4JHXB7jgVnTy+fcSS7Ej8xi2yNcKuTnAHYV7FBpWk2niS8hXSNPnin1C1iYS2yMFWS1eRwgBITLDPynA7Gsv+xRe341Gxs4FlbSLOd7ey0aO8cvJkMyW5KoBx8zEHGRjrR/X4XF0/rvY8uor019EuI/iJqiaJpUNxp9vDDc3UUWmQ3JO6NW2RoVkCF2YgBcgDnlVrK0+z1CZddntdAiPiFbmIjTjpyubeBtxYpbspHB8sZ2kgH3zQBw9XbfVJ7bR73To1jMN48byMQdwKZxjnH8RzxXc6glnpFr4gu7bTdNa+hWxEiPbpNHazurecqKcqPmyNuCAeMcDEkehLN4n1e40+1jHlWtpL9ntdJS+kDSxqzGO3YhAuScnHy5AGM0b6A9DzWivUtT8N6Pc6jrlvJFDZ2lpcWdzNPAiK0aSQNu24LAKZCnygkDPHaqyaWLDxFc6ZFoFxdXNrpttDJPZaXHffZ5iquzNCw2sW5XJII7E0f1+H9IP6/r8zzaiuhvvDepX/jq40PTxb3180rBRbolujYXcRt+VUIAOV7EEVY8I2TzWWsS2NjDqGsQRxi0tZIBOSC2JHWIghyBjqDgEntmhaoGctRXa6VZalJba1LDosc/iSKaEGyfTEZoYSG3stsU25z5YJ28Bu2c11emadpUWqPHJpOmyyz3trBeRNArrBI1tI00af3PnXov3SMDGKHor+n4h1t/Wh4+AWYBQSScADvWudF1vUvEx0eSN7jVc+UY3nViCi/d3FscKuMZ4xj2rrbq0tIvENpr8tpbxW9no1vqM0UMKxxvORiNQqgAbpCueOgNZnw+t7/V/GCk6aNTt5nJvWksVuAobJySynYSe4xR1t6/5B0v/AF3/AMjn9HvdU026mn0dWE8cTF5UgWRoU7upIJQj++MEetZxJJyeSa7bwS2p6ZqWsaQbFEv5NPmEdrdWEbzNIFBCASKWORk7Oh9DVnw1pzXMuuvqenSJr0Jh2WkOiRTvGhzvZbVtif3MnbwGzjnIOvy/UOj9TgKknuJrqXzbmaSaTaF3yMWOAMAZPYAAfhXrGkWmkNrF0F0CNFn1OC3lt9S09Y5It1vI0gVMt5YLLuAB4BGMVR+yRyauk1r4eknlvNGtZjLp2jx3SWsjclvs5AQ7gpGTgjkij+vwuH9fjY8xorU8TWb6f4lvrWWa3neOXBe3hWJDxnGxQAhHQqBwQR2rLpLVAwooopgFFFFABRRRQBJPcTXUvm3M0k0m0LvkYscAYAyewAA/Co6KKACiiigCSe4mupfNuZpJpNoXfIxY4AwBk9gAB+FR0UUAFFFFABRRRQAV9F/sof6rxb/vWX/tevnSvov9lD/VeLf96y/9r0AfQ9FFFAHwTNo19qlzL/Z8Hmi1txLN86rtXftzyRnlh0qEeFtdfU7vT4NJvLm6sn2XEdtEZvKPuUyOxpdVvLi3u2FrcSwrNCFkEblQ67s4OOoyAfwrY0OWC/8ACXiSbXb67AkntWkuI4hcSM2ZOoZ1z9d1JbDe7MAXt5pmn6ho01v5X2iVPPWVCskbRlsDHbljkEVTht57jzPs8MkvloZH2KW2KOrHHQD1ruZnPji116XStNkur2JbJLZSgluWijBjZzgZyflLY4GR1xmtO1aXTPGGs6TpVpYmWbRV8mBLSGbzZvs8bFVyp3Z+Y7RkMecGn3/roLrY8vq3pWlXmtalFp+mQ+fdTZ2R7gucAk8kgdAaXVlvV1Scapa/ZLsEeZB9mW32HA/5ZqAF4x2HrXQ/Dixu7/xVFDDpa6hZsdt3vsVuFjUg4JLKdnI6jBoWoPQ5eK2nnMgghkl8pC8mxS2xR1Y46AetRV23gltT0zUtY0g2KJfyafMI7W6sI3maQKCEAkUscjJ2dD6GrPhrTmuZddfU9OkTXoTDstIdEineNDney2rbE/uZO3gNnHOQdfkHT5nAVItxMlvJbpNIsMjKzxhiFcjOCR0JGTj6mvWNItNIbWLoLoEaLPqcFvLb6lp6xyRbreRpAqZbywWXcADwCMYriPHEUK6jps8FvBbm70u3uJEt4ljTey8kKoAHSh/5flcFr/XnYwLSzub+6S2sbeW5uJPuRQoXZuM8AcnipLDS9Q1W5a30uxub2ZVLNFbwtIwAOMkKCcZIrqfhd/az+NLGPS4rl7U3UTXpgiJAQNkb2A4XPOCcEgegxH4f8Ia1qOt31lcW+pWdrabZ7+KOBzLtzlFEeMs5z8uR6noDTtqLo/l+Jz1loeralcTQadpd7dzQHEscFu7tHzj5gBxyD1pbLQ9R1B7tLW1Zns033CswQxjcF5DEc5IGOtdDeWWo69461O7vfCusTlpPMlsbRGjlh3fc3kxvjIHcDPXNVPGV7cweNNXMF+x+0MPO8h9oIIVvLbBIbaQAeTkrnrUp6K42t7GHqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwqKe4mupfNuZpJpNoXfIxY4AwBk9gAB+FFxcTXdxJcXU0k80jbnkkYszH1JPJNR0K9tQ66FzTNWvNGuGuNNkWGdkKCXylZkz3QsCUb/aXBHrVMkk5PJNFFMAqSe4mupfNuZpJpNoXfIxY4AwBk9gAB+FR0UAFFFFABRRRQAUUUUAXbfVJ7bR73To1jMN48byMQdwKZxjnH8RzxVKiigAooooAKKKKAJJ7ia6l825mkmk2hd8jFjgDAGT2AAH4VHRRQAUUUUAST3E11L5tzNJNJtC75GLHAGAMnsAAPwqOiigAooooAKKKKACiiigC7b6pPbaPe6dGsZhvHjeRiDuBTOMc4/iOeKpUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVc0zVrzRrhrjTZFhnZCgl8pWZM90LAlG/2lwR61TooACSTk8k0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAF231Se20e906NYzDePG8jEHcCmcY5x/Ec8VSoooAKKKKACiiigDW0rxA+m6ddafLY2l/Z3TpI8Nz5gAdM7WDRurdGPGcc9Kr6vq1xrV8Lm5WOPbGkMUUQISKNRhUGSTgAdyT6k1Roo3AKKKKACiiigAqSe4mupfNuZpJpNoXfIxY4AwBk9gAB+FR0UAaOiay+hX/wBtt7W3nuEH7l5958luzqFYAkf7WR7VndetFFABRRRQAUUUUAXbfVJ7bR73To1jMN48byMQdwKZxjnH8RzxVKiigAqRbiZLeS3SaRYZGVnjDEK5GcEjoSMnH1NR0UASLcTJbyW6TSLDIys8YYhXIzgkdCRk4+pqOiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAq7b6pPbaPe6dGsZhvHjeRiDuBTOMc4/iOeKpUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAEi3EyW8luk0iwyMrPGGIVyM4JHQkZOPqajoooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAr6L/ZQ/wBV4t/3rL/2vXzpX0X+yh/qvFv+9Zf+16APoeiiigD4X8TaLLPrmnWmiafcTyz6Vaz+TArSs7NEHdgBk9SeO30rmrq0uLG6e2vbeW2njOHimQoyn0IPIr0e+s9Yu9G1fSY7cLrixWMcllbOGlktokdCu0EksCIy69QeoGMDldIsNbg8YWlkdLivtSRSqWGogMuNhO11ZhjA5wSMYFOVuZ2Er8upiwWNxc2lzcwR74rVVaY7hlQzbQcZyRkgcdMiq9bPhjUIbDxAi3/FjdK1rdgf883G0n/gJww91FaOhafqWk+JdRsJRafZrZWj1P7bn7OYQw5bHPJ2ldvzZxt5pdf6/rsN6HK0V22kWenT3PiCbwlZtqU8Ij/s22vbdZpdjNiRhFyrlRjqDgHOARxFY6PqGr6Z4it5NHLa3HLbOLaKyWOWNdzB9saqNo5XOAOxNINjjqv6Rol9rt0bbTVhkmAyI5LmOIt7KHYbj7DJruL63s9GuPEkyaZp00tnYWBhDwpJHHI6xhnAHytySe4J65ql4PE/iH4jWGoaZorQxw7PtQtISY0byyC5CqFQMQTjgDpT9A9ThaKmu7O5sLp7a+t5ba4jOHimQo68Z5B5FS6fHp8kzDVbq6totvytbWyzMT6EM6YHvn8KAIls7lrN7xbeVrZHEbzhDsVjyFLdAT6UlzaXFnKI7uCWByocLKhUlSMg4PYjkGuz8CNa6ZdanqepO0nhhAILhbi3z9rYnMSCMNjeCN/DHAB555wPFlpqFr4lum1WUXE1y32hLlfuXCPysif7JHT06dqHo1/X9dwXUp6do99qy3J0+DzRax+bN86rtXcFzyRnlh0qyPC2uvqd3p8Gk3lzdWT7LiO2iM3lH3KZHY1nQXdzbLKttcSwrMuyQRuV3rkHBx1GQD+FdVocsF/4S8STa7fXYEk9q0lxHELiRmzJ1DOufruoA5iawvLcTGe0niFvL5MxeMjy35+Vs9G+U8Hng+lWrTw3rl+WFjo2oXJVVdhDau+FYZU8DoRyD3rr729m8a6HrCaLZ3FzcJcWRS3X95cSQxRSReaVHJOSucZxuH1p9uQvxT0i3LKZbXT4reZQc7JEtcMpx3BBB9CKHp/XkG/9eZyEfhjWnuLq3bTZ4Z7OITTxTr5TIhIAOHwerD86p6jp9zpWpT2F/F5VzbuY5U3BtrDqMgkH8Kjgu7m2WVba4lhWZdkgjcrvXIODjqMgH8KS4uJru4kuLqaSeaRtzySMWZj6knkmgCOpBbzNbPcLDIYEYI0oU7VYgkAnoCcHj2NT6fHp8kzDVbq6totvytbWyzMT6EM6YHvn8K6XS20qHwLrP2uG8vbManbCLypVtpD8k2GOVkA47DP19Tpf+t7B1OTnt5rZlW5hkiZkV1EilSVYZDDPYjkGrOnaPfastydPg80WsfmzfOq7V3Bc8kZ5YdK2PHZibWrI2yPHCdLsyiSOHZV8lcAsAAT74H0rn4Lu5tllW2uJYVmXZII3K71yDg46jIB/Cjq7+YPZW8i2+gasuuTaOthPNqMLsj20CeawK9fuZzj2qpdWlxY3T217by208Zw8UyFGU+hB5FdZof8AaGt+E/EFvYST3es3M8EsyBy81zAN+8AfefDFCQPQHtUmj6VqkGm6msWmfbfENs0CJaXFstzJBbkNuIhYNyD5YOVyoPbNGvX+v6/zD0/r+v8AI4qpIbee48z7PDJL5aGR9iltijqxx0A9a9C1BLPSLXxBd22m6a19CtiJEe3SaO1ndW85UU5UfNkbcEA8Y4GLFlNJZ+MNbsNIs7PzL3SBNDbCxhcvM0EblEVlPByx2Dg+nSjv5B1X9f1ueY0V3/hrTmuZddfU9OkTXoTDstIdEineNDney2rbE/uZO3gNnHOQ+8ex0+HxPfWGiJBNDJZqkOp6citbu4bzCImLBQTkhTkAEccDBsBwMNvPceZ9nhkl8tDI+xS2xR1Y46AetR16dZTSWfjDW7DSLOz8y90gTQ2wsYXLzNBG5RFZTwcsdg4Pp0riJoUbW7lPFP2rS5gBvjttNRWVsDAMW6MKMc8flzmjrYFtcradoerawJDpOmXl8I8bzbW7ybM9M7QcdKhvbC80y6a21G0ntLhQC0U8ZRgD04PNb3ggQr8QLQWzvJCDMI3kQIzL5b4JUEgH2yfrSeELCLXkv9BMcAvLqNZbOd1G5ZIzllDdgUL5Hqoo32Dbc5qivRNP2ajF4muvDHh+2v3t5LaGxQaeJykY3oZNm0gkgAksDycnkCrltpemS6trZtLRX1WGG0zbWOmxXwidl/0jy7dmCnD4B67cnA9ADy+iuxlgZ/iYIvD2gCSduRpmq2iwqX8rL5iL4UZywG7jjFce33jkYOegoGJRXWeB9Kkvl1G5gj857ZEAii0xNQmO5sZWF2C4GOWOccY611F5o/2XUfFP/CPaBbahdxfYngiWwW4ERkjJkZIxuUDJ6fMo4x0FD0EtTyur+kaJfa7dG201YZJgMiOS5jiLeyh2G4+wya786f8AN4ifQtBtNQ1OFLINBFYrcrbzMjefsjAIADZGMEAjpwMQ6TpMk3xctW0nTyy24ia/FlDmG3mMP7wfLwo37hjoCCO1AHBaVpV5rWpRafpkPn3U2dke4LnAJPJIHQGqhGCQeortPAWi6p/wmi2FzobzxqwS+iudOEphUqSN29SY8+vBqLw1o93bxa2i6T5+v2scQt7C6tfMkAZvnYQuDuYLjgqcBs44zQByFSQ289x5n2eGSXy0Mj7FLbFHVjjoB612fhvSNQvNS1i4vLHyr61EYe0i0OO5mUscfLattRRgcsRxkY61uITpnjzxDpWiWlmWudMMkEAsoZDJMYUcqgIbg/MfLUlfQHAo6fIOp5vpWlXmtalFp+mQ+fdTZ2R7gucAk8kgdAaqEYJB6iu68G6frF74+MF/oKyBmC38D6RHthBU7cp5eIs4HIC5qroGkX9tpurJaaMbnxDbywr9jubITSRQkMXcQupyc+WCdpwG7ZzQBx9ABZgFBJJwAO9ejaglnpFr4gu7bTdNa+hWxEiPbpNHazurecqKcqPmyNuCAeMcDFaewtLPxxeas1tFHZ6bZw6g8KIFjaZ4kKIFHABlccDjGe1HUPQ46bSb231n+ypYQL0SiExB1OHJxtyDjOTjrx3qK+srjTdQuLG9j8q4t5GilTcDtZTgjI4PPpV3TNZu7bUnl22s73UoMpu7OG4ySeSPMVsZyemK66CySPx54ot7PQbi6VLiSOGSx0tL0Wf73j9ww2EEAr1GO1Fnp8/0DTX5HntFd/HpFzbXPiFNLtbPWdct7mJVSHT45AsBDF2W32lQwbYrDadhJHvU+oJZ6Ra+ILu203TWvoVsRIj26TR2s7q3nKinKj5sjbggHjHAwdLjOG07R77VluTp8Hmi1j82b51Xau4LnkjPLDpUeo6fc6VqU9hfxeVc27mOVNwbaw6jIJB/Ctrxa7ab4muk01jZxXVtA8sVsfLRt8SSEbVwNu45x0HHpWBcXE13cSXF1NJPNI255JGLMx9STyTQIjoq3p8enyTMNVurq2i2/K1tbLMxPoQzpge+fwrpPDWnmbTdYm8PWQ1XUYZoUtkns0lZYCW3yeS29c5CA/e27jz3oA5i+sLnTLr7Nex+VLsR9u4H5WUMpyPUEGpdO0e+1Zbk6fB5otY/Nm+dV2ruC55Izyw6Vt/EUOvjWcSmMuLe2DGHbsz5CZ27eMemOPSucgu7m2WVba4lhWZdkgjcrvXIODjqMgH8KFYHcttoOpJ4gbRGtj/aKymFoQ6nDDrls7cDuc4A5zTG0i8Vb1lWKRbHaZ2inSRVBO0EFSQwyQMrkcitjwpO154gubq5uZptRe2uGj87LLKTC+4vJksCByPlbJ4JXqKXhbUIbDXoxfE/YbtWtbsf9MnG0n6qcMPdRQk9uoOy16FTTtHvtWW5OnweaLWPzZvnVdq7gueSM8sOlTx+GtWl8SNoEdpnU1kaMweYnDKCSN2dvQHvUV5Ff6BqV9pxnkgkRzBOInKiQBs8+oyAR+Bro/h/DqWteMlaWxbVoZn/ANOkuLMXWAQcFmZWKkkdcgn1o31QPS9zjSMEg9RWhcaDqVqLkz2+37JFHNMPMUlUkxsbAPIO5enTIziuh8PaLqEGn6wtto5uNftpIEW0urMSvDE24u/lSAg87BkqcBs8ZzV/XL9NO+KTpqbR/ZLq1gtb3yduzy3t0Viu35cA4YY4+UYot0QHGado99qy3J0+DzRax+bN86rtXcFzyRnlh0qPUdPudK1Kewv4vKubdzHKm4NtYdRkEg/hU15Ff6BqV9pxnkgkRzBOInKiQBs8+oyAR+Bq54efU9R8XQSW1pDrWoTM7eTqGJEmO05L7iM8ZPJ6ijezQbXuYlWILG4ubS5uYI98VqqtMdwyoZtoOM5IyQOOmRUDfeORg56CtfwtqENhr0YvifsN2rWt2P8Apk42k/VThh7qKFrsD03KmnaPfastydPg80WsfmzfOq7V3Bc8kZ5YdKdNoepw65Jo5spZNRikMbW0K+a24dQNuc9O1F5Ff6BqV9pxnkgkRzBOInKiQBs8+oyAR+Brqfhtca7fePLWS2N7dRy3cUmoTIrSEqGyDI/J2555OCQCegoWtrCleKdzkbDS9Q1W5a30uxub2ZVLNFbwtIwAOMkKCcZIqNLO5lvRZx28r3TP5YgVCXL5xt29c54xXU+H/CGtajrd9ZXFvqVna2m2e/ijgcy7c5RRHjLOc/Lkep6A1sW19F/wlmsanqcsWha5dXKx29rf284aCJ/vP8sbfOVwoJx95j6U4q7S7jn7t7dDgxpV75d65t2T7Dj7Sr4Vostt5U8/e4PHGeadp2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSuq1C6tdK+LGqpdXMc9heXU9veGIMAscjEMDuA+ZCQ3cZUYJrl7yK/0DUr7TjPJBIjmCcROVEgDZ59RkAj8DUxd0m+v9f5DkrNpdP6/zIdR0+50rUp7C/i8q5t3Mcqbg21h1GQSD+FVq0LGy1PxPriW1tvvdRu2JBlmAaRsEnLORzwepqg6NG7I42spwQexo1tqL0J4LG4ubS5uYI98VqqtMdwyoZtoOM5IyQOOmRUunaPfastydPg80WsfmzfOq7V3Bc8kZ5YdKt+FtQhsNejF8T9hu1a1ux/0ycbSfqpww91FVryK/0DUr7TjPJBIjmCcROVEgDZ59RkAj8DVaX/r+uwtbaf1/WpDqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwpIrC5n0+4vYo91vbMiyvuA2l87eOpzg9K63wqt/qOieIL620sa5qwktyjz2n2yRdxcM+0g5P1BHTjgVqXtzBpFh4mksrOwMy/2eJoTCskENwUbzdqcrw24bSCAc8cDE7LUrd6Hm1FekXWmBbzWJfDuk293q22ylS0WyScRxSQhpXjhKlfvlR907Q3GM03UEs9ItfEF3babprX0K2IkR7dJo7Wd1bzlRTlR82RtwQDxjgYb03EtdjzmrEFjcXNpc3MEe+K1VWmO4ZUM20HGckZIHHTIr0mDSNOfWNce0sy2oCCymgt7XS4rwoskYaVkt3ZVI3Fex2huB3GBLe6dpvxEmT7Fdafp12gtr21ubYQMgkQBz5e47QGO9RnjA9KLO9gurXOa07R77VluTp8Hmi1j82b51Xau4LnkjPLDpUeo6fc6VqU9hfxeVc27mOVNwbaw6jIJB/CpryK/wBA1K+04zyQSI5gnETlRIA2efUZAI/A1c8PPqeo+LoJLa0h1rUJmdvJ1DEiTHacl9xGeMnk9RRvZoNr3MSprSzudQuktrC3mubiQ4SKFC7txngDk1E33jkYOegrs/BId/DniGKx00arfuLcLZhpN0sO5vM+WMh2AOwkAjsTwCKOlwehz8HhnXrq4nt7bRNRmmtiFnjjtJGaInoGAGR+NMj8Pa1NqUmnRaRfvfRLuktVtnMqDjkrjIHI/MV0UnhvT5fHLQBPs+m2dul3qUaOXFrhA0sQYknO/KDJJyQDkg1d0K5uPE1t4pubq0n1P7W8LvptiCLhsMdrIRnaiDg/K45UYHDAX9f194HGwaJqt1qMmn22mXk17FnzLaO3dpExwcqBkYplrpGpXt+9jZafdXF3HnfbxQs8i4ODlQMjB616HqcEup6xruhm21KcTGzmM2l2Jmktwke1YZkMnGA2CS5wyc57W5W0zXP+ElgsY77UZw1k0lrYSK094scex/nAIZRIQzMqtnAI4OQdL/1/SA8pmhltp3huI3iljYq8bqVZSOCCD0NMrtfFtnceJviBFY6TbwvqMttDFLDHMMecsQ3rvduSMYJJySPWuLdGjdkcbWU4IPY0kMngsbi5tLm5gj3xWqq0x3DKhm2g4zkjJA46ZFS6do99qy3J0+DzRax+bN86rtXcFzyRnlh0q34W1CGw16MXxP2G7VrW7H/TJxtJ+qnDD3UVWvIr/QNSvtOM8kEiOYJxE5USANnn1GQCPwNVpf8Ar+uxOttP6/rUh1HT7nStSnsL+Lyrm3cxypuDbWHUZBIP4VWrrNEvmXw34h1e5gt7/UFmttlxfwrcMpcvub58gk475H4gY3o9CWbxPq9xp9rGPKtbSX7Pa6Sl9IGljVmMduxCBck5OPlyAMZpJPYbsea0V7LBpWk2niS8hXSNPnin1C1iYS2yMFWS1eRwgBITLDPynA7GqSaXp90Zby3sF/tSbS7GdLex0iG6wH3ea6WzFUPIQE4OM575B/wPxVw/r8bHl8FjcXNpc3MEe+K1VWmO4ZUM20HGckZIHHTIqXTtHvtWW5OnweaLWPzZvnVdq7gueSM8sOldLLe6dpvxEmT7Fdafp12gtr21ubYQMgkQBz5e47QGO9RnjA9K5y8iv9A1K+04zyQSI5gnETlRIA2efUZAI/A0K39f16A7/wBf16kOo6fc6VqU9hfxeVc27mOVNwbaw6jIJB/Cq1bfh59T1HxdBJbWkOtahMzt5OoYkSY7TkvuIzxk8nqKxW+8cjBz0FLXqP0J4LG4ubS5uYI98VqqtMdwyoZtoOM5IyQOOmRUunaPfastydPg80WsfmzfOq7V3Bc8kZ5YdKt+FtQhsNejF8T9hu1a1ux/0ycbSfqpww91FVryK/0DUr7TjPJBIjmCcROVEgDZ59RkAj8DVaX/AK/rsTrbT+v61HXeganYtqAurbyzpsqw3X7xT5bsSAODz909M1nV3PhOXVr7w54kns7F9a1CSW2bbLbm7YkmTLlDkMR/tAj2q5cjT9ObxHeRaZp013a2VmWjeBXit7piqy7V+7wxb5eVzxjAxU7b/wBaD9Dzqiu506X+2rLU9Q8P6Dayayv2ZPsiWiXAEe0iWVICpXlwmcKdu7jrmtS40DSL/wDtOK6it7EWktpPqD2wQG2d4XEqKeQF83YNo4BOAOKqzA8yq/pGiX2u3RttNWGSYDIjkuY4i3sodhuPsMmu51G3g8O6dq6Lpmnvf6bb6fAWntY5QkrIxkbBGCTnByD09gQul6NPJ8X7aTStNkNuiQTzi1gPlwmSAMeFGEBYnA4HpS32Dbc82orsNA0i/ttN1ZLTRjc+IbeWFfsdzZCaSKEhi7iF1OTnywTtOA3bOa3bjQNIv/7TiuorexFpLaT6g9sEBtneFxKinkBfN2DaOATgDinbsB5lViKwuZ9PuL2KPdb2zIsr7gNpfO3jqc4PStjxpYppWuQ6aIY4ZbSygjnCKBul8sMxOOpy3Wrnhq+bTvBfiG4jgt53EtqFFzEJVUkyfNsb5Sf94Ee1K6s3/W47WOe0rSrzWtSi0/TIfPups7I9wXOASeSQOgNS6Tod9rl21tpqwvOoyI5LmOIt7LvYbj7DJrvNM0mWf4peRYaLDc2E8MEl3GNPSaKLzIA5xlSIwWJxjHpWJ4C0LV1+INpG2l3oezlzcqbd8wZU43jHy596BdLnO6Rol9rt0bbTVhkmAyI5LmOIt7KHYbj7DJqhXY+AtC1dfiDaRtpd6Hs5c3Km3fMGVON4x8ufeuUu7O5sLp7a+t5ba4jOHimQo68Z5B5FAENFdp4C0k6lYay9pFbvqESwrbtcWLXioGYl/wB0scnZcbipA6ZG6tyWGW6vvFc2i+F4Zry2ktY7a2bRl3QghgziDbxnr8wPBGeQMD0A83gsbi5tLm5gj3xWqq0x3DKhm2g4zkjJA46ZFS6do99qy3J0+DzRax+bN86rtXcFzyRnlh0rqbm7sNK+IZikSGG0urdLbU4rcARxtJEomCgcDa5Jx2ZfauYvIr/QNSvtOM8kEiOYJxE5USANnn1GQCPwNGnX+v60DW2n9f1qQ6jp9zpWpT2F/F5VzbuY5U3BtrDqMgkH8KrVoWNlqfifXEtrbfe6jdsSDLMA0jYJOWcjng9TVB0aN2RxtZTgg9jS1tqHoTwWNxc2lzcwR74rVVaY7hlQzbQcZyRkgcdMipdO0e+1Zbk6fB5otY/Nm+dV2ruC55Izyw6Vb8LahDYa9GL4n7Ddq1rdj/pk42k/VThh7qKrXkV/oGpX2nGeSCRHME4icqJAGzz6jIBH4Gq0v/X9dha20/r+tSHUdPudK1Kewv4vKubdzHKm4NtYdRkEg/hVau38GQR6tb61eXP2i/1kGJo8WCajKUZj5jiKRgHOdgLHJAPvkdLpFppDaxdBdAjRZ9Tgt5bfUtPWOSLdbyNIFTLeWCy7gAeARjFLZa/1t/mPd6f11PI6t6VpV5rWpRafpkPn3U2dke4LnAJPJIHQGvRv7FF7fjUbGzgWVtIs53t7LRo7xy8mQzJbkqgHHzMQcZGOtFtojf8AC3prPTNGhutOdYmukGnpNHGHhDEjhxGCxONpx2BxRs7ev4B0PPtJ0O+1y7a201YXnUZEclzHEW9l3sNx9hk1Xgsbi5tLm5gj3xWqq0x3DKhm2g4zkjJA46ZFdT4C0LV1+INpG2l3oezlzcqbd8wZU43jHy596zNBkfQfFAtNcgmtYZ1NpfQzIUZY5BgkqehGQwz3Ao32Buxnado99qy3J0+DzRax+bN86rtXcFzyRnlh0qPUdPudK1Kewv4vKubdzHKm4NtYdRkEg/hU15Ff6BqV9pxnkgkRzBOInKiQBs8+oyAR+Bq54efU9R8XQSW1pDrWoTM7eTqGJEmO05L7iM8ZPJ6ijezQbXuYlWILG4ubS5uYI98VqqtMdwyoZtoOM5IyQOOmRUDfeORg56CtfwtqENhr0YvifsN2rWt2P+mTjaT9VOGHuooWuwPTcqado99qy3J0+DzRax+bN86rtXcFzyRnlh0ou9H1Cy1G7sLi0k+02W77QiDf5YX7xJXIwPXpTryK/wBA1K+04zyQSI5gnETlRIA2efUZAI/A10vgbVtRn1DWYU8q9vb2wnaP7RbR3Es8oAO0F1LNkA/L0OOho3V12DZ2fc4uiu/8Nac1zLrr6np0ia9CYdlpDokU7xoc72W1bYn9zJ28Bs45yJLa2t38XawuneGNU+aGMY/sRJ3spDtLE2rkoFfDYBYbQeKOoHAQ289x5n2eGSXy0Mj7FLbFHVjjoB61Np+l3+rXBg0qxub2ZV3mO2haRgvTOFBOOR+dd1ojX2meLfEej2/9n3t1JZziERadCfNkCghFQpwcZzGOMgjBxWZoXhvXdf16/ivba8sobbZNqUNpZGNgB9xVgRQN5/hGB3J4yaFq12tcHs/U5yx0W/1G8mtraDEkALTGZ1hWEA4JdnIVeeOSOTjrUN/p9zpl69pfR+XMmCQGDAgjIIYEggggggkEGvUIbObW5NWn1LRJ0nur6SeTTZVkiZtghWMSY2tgCdpDyM7c9KtXulaX/aF/bWVnM2o6fbxxW9rHpy38sUJnlPEMrAMQhi5OSA3vkHRf1/X9Mff+up47RXosVlpMviDWv7S0ibT9AWOI3clzZi3ntZyFwI1+YrubP7sHG0n+6KW10O8m8T67O+nW8D24j8m1sNJS/JiY4RooWKoybQCZCCeR3Y0CPOaK9lg0rSbTxJeQrpGnzxT6haxMJbZGCrJavI4QAkJlhn5TgdjVCaweTTbu+0Xw7Z3uoy6dp8yxRaasoiZxIHdYgu3sOoI7kZxQ9r+n4q4f1+NjzjSNEvtdujbaasMkwGRHJcxxFvZQ7DcfYZNUK9I0nSZJvi5atpOnlltxE1+LKHMNvMYf3g+XhRv3DHQEEdqoeD9EEcOtRXthdDWrbyRFa/2Ul5MiEnewt5WUH+DJIJAbOOcgA4aiun1fRZNb8eSaZ4c0q5t7icAiyuYVtWVxHuf5CxCA4ZgM8AgDtTvCNk81lrEtjYw6hrEEcYtLWSATkgtiR1iIIcgY6g4BJ7ZoQM5aiu10qy1KS21qWHRY5/EkU0INk+mIzQwkNvZbYptznywTt4Dds5rq9M07SotUeOTSdNllnvbWC8iaBXWCRraRpo0/ufOvRfukYGMUPRX9PxDrb+tDyeCxuLm0ubmCPfFaqrTHcMqGbaDjOSMkDjpkVLp2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSuxv7uz07xdpM08ENtZarpMK38dvEsabZUwzBVAAwcN9VBrkLyK/0DUr7TjPJBIjmCcROVEgDZ59RkAj8DRs7Pz/D+kHTTy/Eh1HT7nStSnsL+Lyrm3cxypuDbWHUZBIP4VWrQsbLU/E+uJbW2+91G7YkGWYBpGwScs5HPB6mqDo0bsjjaynBB7GlrbUPQngsbi5tLm5gj3xWqq0x3DKhm2g4zkjJA46ZFS6do99qy3J0+DzRax+bN86rtXcFzyRnlh0q34W1CGw16MXxP2G7VrW7H/TJxtJ+qnDD3UVWvIr/QNSvtOM8kEiOYJxE5USANnn1GQCPwNVpf+v67C1tp/X9akOo6fc6VqU9hfxeVc27mOVNwbaw6jIJB/Cq1dn4csbbxJoupza5Mc295DPc3zEGYIySKfnbJIL+X68mugg0KytbzUbJLItrGnWVlH5VtpkV85JXMziF2VXOSgLHJAP4hWa3HvseaRWFzPp9xexR7re2ZFlfcBtL528dTnB6VXr0+GKXy/Fa+G/D1w8++zP2C60zLROQ+9vs+WAGSSAcgBhxwKrQ2kA8U6jHZaFLdTmzgWd9O0yO+SxuSqmUeQ37vlgy9RtOcdMUdf67AcJpWlXmtalFp+mQ+fdTZ2R7gucAk8kgdAahitp5zIIIZJfKQvJsUtsUdWOOgHrXe+HdFvv8AhZ9zYfYbXV7ZZtl48WmRvEilSR8uzEJzwQMYIIzxVPwS2p6ZqWsaQbFEv5NPmEdrdWEbzNIFBCASKWORk7Oh9DR0v5B1t5nE1Ygsbi5tLm5gj3xWqq0x3DKhm2g4zkjJA46ZFdv4a05rmXXX1PTpE16Ew7LSHRIp3jQ53stq2xP7mTt4DZxzkUpb3TtN+IkyfYrrT9Ou0Fte2tzbCBkEiAOfL3HaAx3qM8YHpR5Ac1p2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSo9R0+50rUp7C/i8q5t3Mcqbg21h1GQSD+FTXkV/oGpX2nGeSCRHME4icqJAGzz6jIBH4Grnh59T1HxdBJbWkOtahMzt5OoYkSY7TkvuIzxk8nqKN7NBte5iVYgsbi5tLm5gj3xWqq0x3DKhm2g4zkjJA46ZFQN945GDnoK1/C2oQ2GvRi+J+w3ata3Y/6ZONpP1U4Ye6iha7A9Nypp2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSo9R0+50rUp7C/i8q5t3Mcqbg21h1GQSD+FTXkV/oGpX2nGeSCRHME4icqJAGzz6jIBH4Guk8OWNt4k0XU5tcmObe8hnub5iDMEZJFPztkkF/L9eTRuroNnZnGV9F/sof6rxb/vWX/teuDufDWmyW91pmoQw2X9kLYm9uYURZF3Qvv8AmxzmQxg5zzXrnwEsU0rV/E+miGOGW0tNLjnCKBul8uZmJx1OW60PR/1947Hs9FFFAj4D8S2ZsdYaI3cN6CC63EMocSqWJDcHIJHJBwR0IBrJrv8ATtH0/VtJvV1AJbw2c8E010iqJEiZZVIBI6F/L496zdc8M3dz4ws/DekWUbahFZwxyRIUTfKIt7kk4GeTyT2pWskv62G3dtv+v63OSqSe4mupfNuZpJpNoXfIxY4AwBk9gAB+Fdh4F0+2ubHWH8iS41SHyhBFDp0d+4jLESMsLsFbnYCedoPvkaMVlpMviDWv7S0ibT9AWOI3clzZi3ntZyFwI1+YrubP7sHG0n+6Krr/AF/X/BEedUV6Na6HeTeJ9dnfTreB7cR+Ta2GkpfkxMcI0ULFUZNoBMhBPI7sa34NK0m08SXkK6Rp88U+oWsTCW2RgqyWryOEAJCZYZ+U4HY0ul/63sHW39bXPGqv6Rol9rt0bbTVhkmAyI5LmOIt7KHYbj7DJr0eaweTTbu+0Xw7Z3uoy6dp8yxRaasoiZxIHdYgu3sOoI7kZxVHSdJkm+Llq2k6eWW3ETX4socw28xh/eD5eFG/cMdAQR2o6tB0ueb0V3Pg/RBHDrUV7YXQ1q28kRWv9lJeTIhJ3sLeVlB/gySCQGzjnIzdX0WTW/HkmmeHNKube4nAIsrmFbVlcR7n+QsQgOGYDPAIA7UAcxRXU+EbJ5rLWJbGxh1DWII4xaWskAnJBbEjrEQQ5Ax1BwCT2zVzSrLUpLbWpYdFjn8SRTQg2T6YjNDCQ29ltim3OfLBO3gN2zmgDiqACzAKCSTgAd69g0zTtKi1R45NJ02WWe9tYLyJoFdYJGtpGmjT+5869F+6RgYxWHdWlpF4htNfltLeK3s9Gt9RmihhWON5yMRqFUADdIVzx0Bo2ev9aXDdaf1rY4e50i/tb+5s5bZzcWgJuEj+fygOpYrkDGefTvVOuz8CanfSX+s28CW9zeXthO8aS2kU0k0uA20blJOcE7Oh9DVzw1pzXMuuvqenSJr0Jh2WkOiRTvGhzvZbVtif3MnbwGzjnINfwD/M4CpIbee48z7PDJL5aGR9iltijqxx0A9a7+2trd/F2sLp3hjVPmhjGP7ESd7KQ7SxNq5KBXw2AWG0Hil0Rr7TPFviPR7f+z726ks5xCItOhPmyBQQioU4OM5jHGQRg4o6fJsP80cLp+l3+rXBg0qxub2ZV3mO2haRgvTOFBOOR+dCabePDeSiAhbLH2gMQrR5bbyp5+9gHjjPNdPoXhvXdf16/ivba8sobbZNqUNpZGNgB9xVgRQN5/hGB3J4yaJdYlT4lXtxr1jNp0Gou8N5azRlHSGQYyQccgFXz3IBo7Jdf6Qd32Ob07R77VluTp8Hmi1j82b51Xau4LnkjPLDpUeo6fc6VqU9hfxeVc27mOVNwbaw6jIJB/CpryK/0DUr7TjPJBIjmCcROVEgDZ59RkAj8DS2NlqfifXEtrbfe6jdsSDLMA0jYJOWcjng9TRvawbXuZ9WILG4ubS5uYI98VqqtMdwyoZtoOM5IyQOOmRUDo0bsjjaynBB7GtfwtqENhr0YvifsN2rWt2P+mTjaT9VOGHuooWuwPTcqado99qy3J0+DzRax+bN86rtXcFzyRnlh0qPUdPudK1Kewv4vKubdzHKm4NtYdRkEg/hU15Ff6BqV9pxnkgkRzBOInKiQBs8+oyAR+BroPDcN7qem6xf2VqNY17zYdq3EIumWNi3mS7HDBjkICSDgNnjrRvqg20ZzF9YXOmXX2a9j8qXYj7dwPysoZTkeoINV69butPguvEuvO8P2nVobaxEMdppsV/hDCokaOBmCMM7RkA7QeBzkY9tbW7+LtYXTvDGqfNDGMf2Ik72Uh2libVyUCvhsAsNoPFHWwdDzyiu9tdHlt9W8SpaQWWr61a+WLWGOyRlYM37xlt9u3cowCu07SW9M1U0tpbKz8UXur6PaHUbWOHZDdWKIsDtIFyItoUcHpjB7g0rgcxpWlXmtalFp+mQ+fdTZ2R7gucAk8kgdAan0zWZdHhuVtbW3+1So0a3jhjLCrDDBPm2jIyMlSRk4IrqvCDS+I/HMUll4dt2s5ESO+jSwSaJSEwXxsxFuYZ+XHpUXhjSdSttG8QJF4d+2axavbrHBc6f58kG7fuby2U9sdQR0OOlPoBzNjeXo0fUNOtLfzobjZNOyozNGsZPPHAHzckj0qHStKvNa1KLT9Mh8+6mzsj3Bc4BJ5JA6A16HY3JtfFutadpFrYG6uNJJa2js4ZQbsRIZI4wVPG4P+7HGQRjgVl+DdP1i98fGC/0FZAzBb+B9Ij2wgqduU8vEWcDkBc0dfl/wA6XOFIwSD1FFdhoGkX9tpurJaaMbnxDbywr9jubITSRQkMXcQupyc+WCdpwG7ZzWtqCWekWviC7ttN01r6FbESI9uk0drO6t5yopyo+bI24IB4xwMD0Dc4GCxuLm0ubmCPfFaqrTHcMqGbaDjOSMkDjpkVpaMmq3ujarp+mW0c0DrFcXLFgGRUbCkZI7vg8Gty7uLLR/iMySxJBp1/bRR3kUSBUVJoULkKOBhm3AdAQK5i8iv8AQNSvtOM8kEiOYJxE5USANnn1GQCPwNHr/X9aButCe4k1DQYdU8P3kEcbyTILlSdzI0ZbABBx/Ec9aya2/Dz6nqPi6CS2tIda1CZnbydQxIkx2nJfcRnjJ5PUVit945GDnoKWvUfoTwWNxc2lzcwR74rVVaY7hlQzbQcZyRkgcdMipdO0e+1Zbk6fB5otY/Nm+dV2ruC55Izyw6Vb8LahDYa9GL4n7Ddq1rdj/pk42k/VThh7qKrXkV/oGpX2nGeSCRHME4icqJAGzz6jIBH4Gq0v/X9didbaf1/WpDqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwqtXW+EGuNRv9Smn0y/1a6mjH+mRaeuovAxYEs0UnytuAIySCOora0nRII9W8SRSbL/AFa1kiEIsdIiuv3ZJ3lbViqAj5FYYOwk/WlZ9R6HnFWL6wudMuvs17H5UuxH27gflZQynI9QQa71tOjlvdem8NaDI2qRvbKthe6cm+BWU+dILdt6gFwvXO0P261hfEUOvjWcSmMuLe2DGHbsz5CZ27eMemOPSgOpy9XbyDUNJaTT7oyQCRY5ZIRJlXyu5GIBwTh+PTJre8J2M1xouqXGkafFqOrxSQrFDJbLceXExbfII2BU8hASQdobPHWun1uzuZdY1qXS9PttT1yKOxUQpax3IWEwDzHji2lWG4IMhTgHjGaYLc8+0jVYtKm819Ksr+VWV42ujKfLI54COoP0YEcVUu7ua/vZ7u7fzJ55GkkcgDcxOSePc1seM7e3tfEbx28UMEvkxNdQQY2RTlAZEUDgYbPA4ByO1avgSwtbvT9XkEMlxqcQh+zxw6bHfuIyTvZYHYK3OwE87QffIW4PQ5fStKvNa1KLT9Mh8+6mzsj3Bc4BJ5JA6A1UIwSD1FekaNpxvPihJBpnh2f7AxQXtteaSn7glMk7CH8kFskYI4OOlYej+Hb260LX9OGkTSazA9syW7W5+0RpuYMQpG4D5kz7EZoDY5OivSf7NS28X6la2mgzXRWxtVWbT9Njv1tXMcbM3lH9227DDdkdSQTV3w/pdraatf2uo2ml6nI+sRWzymyRVCNDIxVUAAjOVAIGNpBHbND0V/63sH9fhc8por0++0/zbM33h/RrS51qawsZjaxWEcoSN1bzJEg2lT8wjBO04z2zmoZtIVbnV5NA0q1u9cjS0EtklslwlszKTcFYiGThwqnghNxAxQ9G12Dpc8+vrC50y6+zXsflS7EfbuB+VlDKcj1BBqOG3nuPM+zwyS+WhkfYpbYo6scdAPWuk+IodfGs4lMZcW9sGMO3ZnyEzt28Y9McelWPh9fXUdxqtjZQ2809xp03kRSWkUzyyAAhF3KScgH5Ohx0NHRh2+Rzek6nNo+qQ31skcjxE/JKCUdSCGUgEHBBI6jrUFzKk9zJLFbx2yMciGIsVT2G4k/mTXdeGtOa5l119T06RNehMOy0h0SKd40Od7LatsT+5k7eA2cc5G7pFppDaxdBdAjRZ9Tgt5bfUtPWOSLdbyNIFTLeWCy7gAeARjFD2v8A1rYOtjyee4mupfNuZpJpNoXfIxY4AwBk9gAB+FR16tNYPJpt3faL4ds73UZdO0+ZYotNWURM4kDusQXb2HUEdyM4qjc6en2nWH8OaVaXmuRC0EtpFaJcLDuj/wBIMcJDLxJtU8HbkgYo2bXYDzeivRbqOw0t/Ed3Hpmny3ltZ2jPC8KyRWt07KJQq/d4Yn5fug8YIGK4jWNQh1TUPtUFjFZbo0EkcIARnCgM4UABdxGdoGBmgB1lZ6n4l1iK0tfMvb6YbUEkoywVem5jjAVfXtis8jBIPUV1vw4sbu/8VRQw6WuoWbHbd77FbhY1IOCSynZyOowaXR4ZdD8O+IJr3SoBqNrLbIi6hZh2g378nY4xkjHBBHQ44BoegHI1b0rSrzWtSi0/TIfPups7I9wXOASeSQOgNd5JpcQ1nXZdG0y1utUW0tJrWyFqsoHmIjTOkBBVsZ6bSAGJxxxR8Gafq9749aC90JZVZ9t/C+kxlYAVOMpsxFnHUBaPIOlziri4nuZjJdTSTSYClpGLHAGAMnsAAPwrQh8N6tca7Fo8Nruv5kV0h8xBkFN4O7OPu89f1rd8PaLqEGn6wtto5uNftpIEW0urMSvDE24u/lSAg87BkqcBs8ZzXSJYX198XmgGmQ6jbGC2S9K2MdxEg+zryDtIQEjgrj2oA8qIwSD1FWL6wudMuvs17H5UuxH27gflZQynI9QQa6nw9ouoQafrC22jm41+2kgRbS6sxK8MTbi7+VICDzsGSpwGzxnNbniLR59XvvEdva2Md9qkcWnPGtrErsF8oBzGFH3clc7eMY7UB3PMqsH7bqUskrfaLuSOLdI53OVRQBknsoGB6DivQNUhttDj8Qz2+m6a89tFpqxGS2jmSNnh+dlGCpyc88g9euDU1lNJZ+MNbsNIs7PzL3SBNDbCxhcvM0EblEVlPByx2Dg+nSjvbp/lcOq/rsee6Zq15o1w1xpsiwzshQS+UrMme6FgSjf7S4I9apkknJ5Jq5qy3q6pONUtfsl2CPMg+zLb7Dgf8s1AC8Y7D1ra8O6RJrPhjXILCxN7qKPbPCkUW+UJuYOV745XOPbNG6uGxzsNvPceZ9nhkl8tDI+xS2xR1Y46AetE9xNdS+bczSTSbQu+RixwBgDJ7AAD8K9MtWl0zxhrOk6VaWJlm0VfJgS0hm82b7PGxVcqd2fmO0ZDHnBrzvVlvV1Scapa/ZLsEeZB9mW32HA/5ZqAF4x2HrQ97Atr/wBdDQ0CHVNUsb7RdJitZftbRyOs1wkTkpuICb2G48nIAJrDrq/hvp17e+NrGazs7i4it5MzPFEzLGCpwWIHGfep/CXh6+Fzqvn2cqXdkkatanSBe3I3nqLeQhcY6sRxkY607aiucrFYXM+n3F7FHut7ZkWV9wG0vnbx1OcHpVevWLrT5rO58WweG9GjvZc2EiW0dmJ1UtGzM4iG5cZY8fMozx0FZ9xp6edqr+HdKtLzXYltBNZxWiXCwEx/6QUhIZTiTaDgELkgYpD6nm9Fei3Udhpb+I7uPTNPlvLaztGeF4Vkitbp2UShV+7wxPy/dB4wQMUzw4dO1/8Ata+ttLEWppFbLHbWemxXuRjEsqW7FU5YLnAO0Nx6gA4Ge4mupfNuZpJpNoXfIxY4AwBk9gAB+FR1teLltU8T3QsbG5sEwhe2ubbyGR9o3fu8naCckDPAIFbPgSwtbvT9XkEMlxqcQh+zxw6bHfuIyTvZYHYK3OwE87QffIFqrg9DkIbee48z7PDJL5aGR9iltijqxx0A9ajr0rTLvyPF+v2GiaX9mkudOkMdje6XEsxn2KWVY2DkKcMwjyRjHBwK4HVlvV1Scapa/ZLsEeZB9mW32HA/5ZqAF4x2HrS6r0DoU6sX1hc6ZdfZr2PypdiPt3A/KyhlOR6gg10fhOxmuNF1S40jT4tR1eKSFYoZLZbjy4mLb5BGwKnkICSDtDZ4610+t2dzLrGtS6Xp9tqeuRR2KiFLWO5CwmAeY8cW0qw3BBkKcA8YzVAtTzzSNEvtdujbaasMkwGRHJcxxFvZQ7DcfYZNUK9J0rRpX+LVm2l6cx8hYn1BLOItFaztF+8X5chRvyMdAcgdKxtA0i/ttN1ZLTRjc+IbeWFfsdzZCaSKEhi7iF1OTnywTtOA3bOaQHN6Zq15o1w1xpsiwzshQS+UrMme6FgSjf7S4I9apkknJ5Jr0W6jsNLfxHdx6Zp8t5bWdozwvCskVrdOyiUKv3eGJ+X7oPGCBimeHDp2v/2tfW2liLU0itljtrPTYr3IxiWVLdiqcsFzgHaG49Qbhsee1JPcTXUvm3M0k0m0LvkYscAYAyewAA/Ctbxctqnie6FjY3NgmEL21zbeQyPtG793k7QTkgZ4BArqPhzb2Uunn7ZptleGfU4rZjcwLIRG0MrEKT05Ucjnijpf+t7B1t/W1zz2ivUf7FF7fjUbGzgWVtIs53t7LRo7xy8mQzJbkqgHHzMQcZGOtTHw5bt4l8SJo1pZrdRx2jW/maebuNPMUPIRCiygA+oBVc4BGQadtbMOlzyiivR9Uure2k8V31vollBLazWkNvHdaWkfk5DBmELLgbsZwwPBGeQMPj0JZvE+r3Gn2sY8q1tJfs9rpKX0gaWNWYx27EIFyTk4+XIAxmktQeh5rUk9xNdS+bczSTSbQu+RixwBgDJ7AAD8K3/H1lbWHjS8gsYo4YikUmyNQqhmjVmwFJAGSeASB0HFWfA+lSXy6jcwR+c9siARRaYmoTHc2MrC7BcDHLHOOMdaFqD0MLSNEvtdujbaasMkwGRHJcxxFvZQ7DcfYZNR6VpV5rWpRafpkPn3U2dke4LnAJPJIHQGvQ7XQZE+NSDRdOka1gMUs32WDMcReEMSQpZUBYnABwOg4rF8BaLqn/CaLYXOhvPGrBL6K504SmFSpI3b1Jjz68Ghag9DiyMEg9RUk9xNdS+bczSTSbQu+RixwBgDJ7AAD8K63w9ouoQafrC22jm41+2kgRbS6sxK8MTbi7+VICDzsGSpwGzxnNbGt+H/ALbc+I7LS9Mt7jUI49PkjisYEJAMY81owgxtLMCdvHIPSgDzarEFjcXNpc3MEe+K1VWmO4ZUM20HGckZIHHTIr0QeHh/wk+qmxtoSbOzsx5NnpceoSFniTcyQlghGcln56jH3qz9VfT9A+KVxb+WkOl3cSQ3aRKFUJNEpdgoJUYZt4AJAIGOBR1sg82chp2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSrKeGNWfWLvSltk+32e7zbczxhiV6hRu+c8dFyagvIr/QNSvtOM8kEiOYJxE5USANnn1GQCPwNaPhO5vbrx/pdzvN1eSXiMWuJSPMbPO58MfxwaFrawO8b3MzTtHvtWW5OnweaLWPzZvnVdq7gueSM8sOlR6jp9zpWpT2F/F5VzbuY5U3BtrDqMgkH8KlublbO+uk0a9u/ssvylnHlNIuQcMqsRjI9ewPFVbi4mu7iS4uppJ5pG3PJIxZmPqSeSaW9h2s2iSKwuZ9PuL2KPdb2zIsr7gNpfO3jqc4PSo4bee48z7PDJL5aGR9iltijqxx0A9a6jw1fNp3gvxDcRwW87iW1Ci5iEqqSZPm2N8pP+8CPauisppLPxhrdhpFnZ+Ze6QJobYWMLl5mgjcoisp4OWOwcH06U+/8AXS4up5rDbz3HmfZ4ZJfLQyPsUtsUdWOOgHrUdd54UvNXh1zXLCfT7eLUrjT5dlpJpcKu0oUEIsZj4yoJ2AYPXBNLodnq0lj4jlPhuK61uGS2C2z6SrNBu3gkQBNo4xwVx0OM4NH+X6h0+ZwVFejRWkA8WanFZaFLdTfZIFmfTdMjvo7G4KqZQIG+TBYMvUbTnHTFYkenahbfEp7KxtNN1q9SVwsD26JBL8hJBj+VVIGcrxhhjtQHS5ygBZgFBJJwAO9WL2wudO1CWxu49lzC+x4wwba3pwSM+3rxWv4Tgjj1K41e8jVrbSYjdMhHDyZxEn4uV/AGn+GAJNYutd1IedFpqNeS7+kspOI1P1kZc+wNAa/1/XoTaSut2E2o+G18PprDF1kubLy5JTG6ZAbMDBhjeQRnGTyM1U1PxPqN3HfWV3BDCs/kxNCEZTbrBkJGuTkAA4O7J465q34T0PVPFWo3jCS9NlGRc6g9sjSO/wAxICov3nJzj05PABrZu76cf8JdrN/ocFvqH2q3MUOo2YdrcPv52uMElcZyCD1x0pPZX/rawLrY4ew02+1S5+z6ZZ3F5PtLeVbxNI2B1OACcU29a7N5IupGc3Mf7txOTvXaNu055GAMY7YxXp/9nWE8PiKytbG5mnlFhdtpulgJJcIYtzKoAO1BI4YhVOOOB1DNXibU9S1W60XTLa+16CGyhktxCLsQ/IRM22TcHKsEQsQSOee9N6f1/XoC1V/6/rqcXpVl4l0rWpLfRrGZ9S+zh8W9stxJHG6gh1IDFDhl+ZcEZ6isW5t57W6kgvIpIZ42KyRyqVZT3BB5Br1a/tJbvVPE1tLaPqga20/zNP0wATSMIlxJGVBARTnOEYfMvA4Irano9lq+oa0mqyRRxWU9nJLcRxhJraEwMnlNuLEFWEasCW+b3ofl/X9f12BHltST3E11L5tzNJNJtC75GLHAGAMnsAAPwr0C50SCbU7vwithbJqa6famKRY1D/aEUNIMgZO5XfPPJQVGiwX82uz+EdJtry8tpoYLSBbJJz9lUMrTCIqQzMypuYqSN3bNH9fp/XkH9fr/AF5nFaVpV5rWpRafpkPn3U2dke4LnAJPJIHQGqhGCQeor0zStJeX4mJbWOjW9zA8UX9qwR2KXENtKY8uoyrCP589CMHIHSsXwl4evhc6r59nKl3ZJGrWp0gXtyN56i3kIXGOrEcZGOtG4PQ42iuw8T+Gpb/4kzaP4cs42mnSOSOCMpGpYwiR8fMVUfeOA2B0HapPAun21zY6w/kSXGqQ+UIIodOjv3EZYiRlhdgrc7ATztB98gWqB6HF0V6LFZaTL4g1r+0tIm0/QFjiN3Jc2Yt57WchcCNfmK7mz+7BxtJ/uirFlpKvrHiNrjTI4tTjaE2Vtp+lxXqi3JILxQuVWQECP58E4bPUkg/r+v621D+v6/rc82nuJrqXzbmaSaTaF3yMWOAMAZPYAAfhUdehrY28useIZdC0RzqkMUBttNvdPXzELY851tiWB9QvO0NnHArNsdH1DV9M8RW8mjltbjltnFtFZLHLGu5g+2NVG0crnAHYmgDkobee48z7PDJL5aGR9iltijqxx0A9ajr1C1aXTPGGs6TpVpYmWbRV8mBLSGbzZvs8bFVyp3Z+Y7RkMecGs7w1pzXMuuvqenSJr0Jh2WkOiRTvGhzvZbVtif3MnbwGzjnIOvy/UOl2cJPcTXUvm3M0k0m0LvkYscAYAyewAA/Co66XXoNEbxdeLcR6lo9vtUmD+zlEiy7RuHlGUBFJyQNxwCBjFW/B2kC8m1W408PdLahBEo0hL24dWbG4W7PsAwPmJLbcgA80LUHocfVvStKvNa1KLT9Mh8+6mzsj3Bc4BJ5JA6A16TeaP9l1HxT/AMI9oFtqF3F9ieCJbBbgRGSMmRkjG5QMnp8yjjHQVW0rTGufieLaw0a3urYxQrqcUVgk8MEpizIB8pEfz5HGMEEdqAPNCMEg9RRWnZeHNXv9fXRILCVdTYkC1mAicYXcc78Y4Gea6HwLp9tc2OsP5ElxqkPlCCKHTo79xGWIkZYXYK3OwE87QffIAZz+ma42n2U1lPYWmo2kzrIYLoPhXGQGUoysDgkdcHuOBWdPL59xJLsSPzGLbI1wq5OcAdhXe3mjQ6t/wktvoWh3S3yNaSJZy2QjuIuolKxgsUUsQcA4AI7CsrxPp+k2vi+W1vpZLGBLS3I/s+2jmBcwoTx5iLgkk7gTk/XNG4eRylFdXoklrYeGvEN9a21tePBNbpazX1ojsisZAW2NuUEgdDuH1wDW7daYFvNYl8O6Tb3erbbKVLRbJJxHFJCGleOEqV++VH3TtDcYzQHWx5vWjY3l6NH1DTrS386G42TTsqMzRrGTzxwB83JI9K7S6jsNLfxHdx6Zp8t5bWdozwvCskVrdOyiUKv3eGJ+X7oPGCBiofC+vSahq+qx6VpdjBPdaU4S2Szhk86dUXOxSnAbazeWPl9jR0f9bf8ADB1+44iKwuZ9PuL2KPdb2zIsr7gNpfO3jqc4PSq9dxYXl/pnh/xRNqOm28V8s1oGt7mwRFiY78HydoQHHYrjnOM81Q8SWekR+L7hbySbT7eS3gmC2NokgDvEjMAhdAoyxPB46Yo6gc5aWdzf3SW1jby3NxJ9yKFC7NxngDk8VCQQcEYIrt/hquonx5axaELyfT/tkRuZEt8ExBiVMm3dtHcjdjIHXANc/F4a1m+8Tf2JDp8y6lIzFbaceU33S3O/GPlGeaA7+RkUV1vgjSJbz+0riKLzZLVEHlRaYmoTHc2CVhdguBjljnHGOtdxBpWk2niS8hXSNPnin1C1iYS2yMFWS1eRwgBITLDPynA7Gh6K/wDX9ah1seNVJPcTXUvm3M0k0m0LvkYscAYAyewAA/CvTf7FF7fjUbGzgWVtIs53t7LRo7xy8mQzJbkqgHHzMQcZGOtRvolxH8RNUTRNKhuNPt4Ybm6ii0yG5J3Rq2yNCsgQuzEALkAc8qtPrZ+f4B0uvL8Tz7TNWvNGuGuNNkWGdkKCXylZkz3QsCUb/aXBHrVMkk5PJNdxp9nqEy67Pa6BEfEK3MRGnHTlc28DbixS3ZSOD5YztJAPvmr2oJZ6Ra+ILu203TWvoVsRIj26TR2s7q3nKinKj5sjbggHjHAwul3/AF/X5jtvb+v6/I85qSe4mupfNuZpJpNoXfIxY4AwBk9gAB+FejR6Es3ifV7jT7WMeVa2kv2e10lL6QNLGrMY7diEC5JycfLkAYzVjU/Dej3Oo65byRQ2dpaXFnczTwIitGkkDbtuCwCmQp8oJAzx2p2YlqeW0V6Smliw8RXOmRaBcXVza6bbQyT2Wlx332eYqrszQsNrFuVySCOxNcvfeG9Sv/HVxoeni3vr5pWCi3RLdGwu4jb8qoQAcr2IIpBstTnqK6nwjZPNZaxLY2MOoaxBHGLS1kgE5ILYkdYiCHIGOoOASe2auaVZalJba1LDosc/iSKaEGyfTEZoYSG3stsU25z5YJ28Bu2c0AcVQAWYBQSScADvXsGmadpUWqPHJpOmyyz3trBeRNArrBI1tI00af3PnXov3SMDGKw7q0tIvENpr8tpbxW9no1vqM0UMKxxvORiNQqgAbpCueOgNGz1/rS4brT+tbHHQ+HNVuPEP9hw2obUgxQwCVOGAyRuzjIAPftjrVGK2nnMgghkl8pC8mxS2xR1Y46AetdZ8Pre/wBX8YKTpo1O3mcm9aSxW4ChsnJLKdhJ7jFS+CW1PTNS1jSDYol/Jp8wjtbqwjeZpAoIQCRSxyMnZ0PoaNbfIOvzONnuJrqXzbmaSaTaF3yMWOAMAZPYAAfhUdd/4a05rmXXX1PTpE16Ew7LSHRIp3jQ53stq2xP7mTt4DZxzkbukWmkNrF0F0CNFn1OC3lt9S09Y5It1vI0gVMt5YLLuAB4BGMUbK/9dP8AMOtjyOivTvskcmrpNa+HpJ5bzRrWYy6do8d0lrI3Jb7OQEO4KRk4I5IrhfE1m+n+Jb61lmt53jlwXt4ViQ8ZxsUAIR0KgcEEdqNnb1/Bh0uZ89xNdS+bczSTSbQu+RixwBgDJ7AAD8KjoooAK+i/2UP9V4t/3rL/ANr186V9F/sof6rxb/vWX/tegD6HooooA+C7rR77VryY6fB5wtbcSzfOq7V37c8kZ5YdKrjwtrr6nd6fBpN5c3Vk+y4jtojN5R9ymR2NGqXdxbXbLbXEsKzQhJBG5Xeu7ODjqMgH8K2dDlgv/CXiSbXb67AkntWkuI4hcSM2ZOoZ1z9d1JbDe7OTngmtbiSC5ieGaJikkcilWRh1BB5BpYbee48z7PDJL5aGR9iltijqxx0A9a7mZz44tdel0rTZLq9iWyS2UoJbloowY2c4Gcn5S2OBkdcZrTtWl0zxhrOk6VaWJlm0VfJgS0hm82b7PGxVcqd2fmO0ZDHnBp9GLqeX1b0rSrzWtSi0/TIfPups7I9wXOASeSQOgNLqy3q6pONUtfsl2CPMg+zLb7Dgf8s1AC8Y7D1rofhxY3d/4qihh0tdQs2O2732K3CxqQcEllOzkdRg0LUHoYdld3y6TqOm2tt50U+ya4ZUZmjEZPORwB83JPtWdXbeCW1PTNS1jSDYol/Jp8wjtbqwjeZpAoIQCRSxyMnZ0Poas+GtOa5l119T06RNehMOy0h0SKd40Od7LatsT+5k7eA2cc5B1+V/0Dp8zgKK9c0i00htYugugRos+pwW8tvqWnrHJFut5GkCplvLBZdwAPAIxiuI8cRQrqOmzwW8FubvS7e4kS3iWNN7LyQqgAdKHp/XdXBa/wBedjAtLO5v7pLaxt5bm4k+5FChdm4zwByeKksNL1DVblrfS7G5vZlUs0VvC0jAA4yQoJxkiup+F39rP40sY9LiuXtTdRNemCIkBA2RvYDhc84JwSB6DEfh/wAIa1qOt31lcW+pWdrabZ7+KOBzLtzlFEeMs5z8uR6noDTtqLo/l+JyyWdzLeizjt5XumfyxAqEuXzjbt65zxir1lpOs3SahZWkUyrbAS3luz+Xt2ttBZWIyQWx6jJ967O2vov+Es1jU9Tli0LXLq5WO3tb+3nDQRP95/ljb5yuFBOPvMfSuc8ZSy6f4515LLUNyz3Uvmm3Z0BHmFtjZAzggeoyOCaSeiv1/wCAPvbp/wAExNR0+50rUp7C/i8q5t3Mcqbg21h1GQSD+FVqkuLia7uJLi6mknmkbc8kjFmY+pJ5JqOkr21D0CiiimAUUUUAST3E11L5tzNJNJtC75GLHAGAMnsAAPwqxpmrXmjXDXGmyLDOyFBL5SsyZ7oWBKN/tLgj1qnRQAEknJ5JooooAknuJrqXzbmaSaTaF3yMWOAMAZPYAAfhUdFFABRRRQAUUUUAFXbfVJ7bR73To1jMN48byMQdwKZxjnH8RzxVKigAooooAKKKKACpJ7ia6l825mkmk2hd8jFjgDAGT2AAH4VHRQAUUUUAFST3E11L5tzNJNJtC75GLHAGAMnsAAPwqOigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigC7b6pPbaPe6dGsZhvHjeRiDuBTOMc4/iOeKpUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVraV4gfTdOutPlsbS/s7p0keG58wAOmdrBo3VujHjOOelZNFAF7V9WuNavhc3Kxx7Y0hiiiBCRRqMKgyScADuSfUmqNFFABRRRQAUUUUAFXdW1SbWL/7XcrGknlRxYjBAwiBB1J5woqlRQAUUUUAST3E11L5tzNJNJtC75GLHAGAMnsAAPwq7omsvoV/9tt7W3nuEH7l5958luzqFYAkf7WR7VnUUAHXrRRRQAUUUUAFXbfVJ7bR73To1jMN48byMQdwKZxjnH8RzxVKigAooooAkW4mS3kt0mkWGRlZ4wxCuRnBI6EjJx9TQtxMlvJbpNIsMjKzxhiFcjOCR0JGTj6mo6KACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigC7b6pPbaPe6dGsZhvHjeRiDuBTOMc4/iOeKpUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFSLcTJbyW6TSLDIys8YYhXIzgkdCRk4+pqOigAooooAKKKKACiiigAooooAK+i/2UP8AVeLf96y/9r186V9F/sof6rxb/vWX/tegD6HooooA+Br2wvNT1eO2020nu52iysUEZkcgE54AzWXdWlxY3T217by208Zw8UyFGU+hB5Fdxa29zqHhfWtP0ZXl1OVrd2t4uZJ7dTJuVVHLYYoSB6A9qxNIsNbg8YWlkdLivtSRSqWGogMuNhO11ZhjA5wSMYFLyG+5iwWNxc2lzcwR74rVVaY7hlQzbQcZyRkgcdMiq9bPhjUIbDxAi3/FjdK1rdgf883G0n/gJww91FaOhafqWk+JdRsJRafZrZWj1P7bn7OYQw5bHPJ2ldvzZxt5p9f6/rsJ6HK0V22kWenT3PiCbwlZtqU8Ij/s22vbdZpdjNiRhFyrlRjqDgHOARxFY6PqGr6Z4it5NHLa3HLbOLaKyWOWNdzB9saqNo5XOAOxNINjjqv6Rol9rt0bbTVhkmAyI5LmOIt7KHYbj7DJruL63s9GuPEkyaZp00tnYWBhDwpJHHI6xhnAHytySe4J65ql4PE/iH4jWGoaZorQxw7PtQtISY0byyC5CqFQMQTjgDpT9A9ThaKmu7O5sLp7a+t5ba4jOHimQo68Z5B5FS6fHp8kzDVbq6totvytbWyzMT6EM6YHvn8KAIls7lrN7xbeVrZHEbzhDsVjyFLdAT6UlzaXFnKI7uCWByocLKhUlSMg4PYjkGuz8CNa6ZdanqepO0nhhAILhbi3z9rYnMSCMNjeCN/DHAB555wPFlpqFr4lum1WUXE1y32hLlfuXCPysif7JHT06dqHo1/X9dwXUp6do99qy3J0+DzRax+bN86rtXcFzyRnlh0qyPC2uvqd3p8Gk3lzdWT7LiO2iM3lH3KZHY1nQXdzbLKttcSwrMuyQRuV3rkHBx1GQD+FdVocsF/4S8STa7fXYEk9q0lxHELiRmzJ1DOufruoA5iawvLcTGe0niFvL5MxeMjy35+Vs9G+U8Hng+lWrTw3rl+WFjo2oXJVVdhDau+FYZU8DoRyD3rr729m8a6HrCaLZ3FzcJcWRS3X95cSQxRSReaVHJOSucZxuH1p9uQvxT0i3LKZbXT4reZQc7JEtcMpx3BBB9CKHp/XkG/9eZyEfhjWnuLq3bTZ4Z7OITTxTr5TIhIAOHwerD86p6jp9zpWpT2F/F5VzbuY5U3BtrDqMgkH8Kjgu7m2WVba4lhWZdkgjcrvXIODjqMgH8KS4uJru4kuLqaSeaRtzySMWZj6knkmgCOpBbzNbPcLDIYEYI0oU7VYgkAnoCcHj2NT6fHp8kzDVbq6totvytbWyzMT6EM6YHvn8K6XS20qHwLrP2uG8vbManbCLypVtpD8k2GOVkA47DP19Tpf+t7B1OTnt5rZlW5hkiZkV1EilSVYZDDPYjkGrOnaPfastydPg80WsfmzfOq7V3Bc8kZ5YdK2PHZibWrI2yPHCdLsyiSOHZV8lcAsAAT74H0rn4Lu5tllW2uJYVmXZII3K71yDg46jIB/Cjq7+YPZW8i2+gasuuTaOthPNqMLsj20CeawK9fuZzj2qpdWlxY3T217by208Zw8UyFGU+hB5FdZof8AaGt+E/EFvYST3es3M8EsyBy81zAN+8AfefDFCQPQHtUmj6VqkGm6msWmfbfENs0CJaXFstzJBbkNuIhYNyD5YOVyoPbNGvX+v6/zD0/r+v8AI4qpIbee48z7PDJL5aGR9iltijqxx0A9a9C1BLPSLXxBd22m6a19CtiJEe3SaO1ndW85UU5UfNkbcEA8Y4GLFlNJZ+MNbsNIs7PzL3SBNDbCxhcvM0EblEVlPByx2Dg+nSjv5B1X9f1ueY0V3/hrTmuZddfU9OkTXoTDstIdEineNDney2rbE/uZO3gNnHOQ+8ex0+HxPfWGiJBNDJZqkOp6citbu4bzCImLBQTkhTkAEccDBsBwMNvPceZ9nhkl8tDI+xS2xR1Y46AetR16dZTSWfjDW7DSLOz8y90gTQ2wsYXLzNBG5RFZTwcsdg4Pp0riJoUbW7lPFP2rS5gBvjttNRWVsDAMW6MKMc8flzmjrYFtcradoerawJDpOmXl8I8bzbW7ybM9M7QcdKhvbC80y6a21G0ntLhQC0U8ZRgD04PNb3ggQr8QLQWzvJCDMI3kQIzL5b4JUEgH2yfrSeELCLXkv9BMcAvLqNZbOd1G5ZIzllDdgUL5Hqoo32Dbc5qivRNP2ajF4muvDHh+2v3t5LaGxQaeJykY3oZNm0gkgAksDycnkCrltpemS6trZtLRX1WGG0zbWOmxXwidl/0jy7dmCnD4B67cnA9ADy+iuxlgZ/iYIvD2gCSduRpmq2iwqX8rL5iL4UZywG7jjFce33jkYOegoGJRXWeB9Kkvl1G5gj857ZEAii0xNQmO5sZWF2C4GOWOccY611F5o/2XUfFP/CPaBbahdxfYngiWwW4ERkjJkZIxuUDJ6fMo4x0FD0EtTyur+kaJfa7dG201YZJgMiOS5jiLeyh2G4+wya786f8AN4ifQtBtNQ1OFLINBFYrcrbzMjefsjAIADZGMEAjpwMQ6TpMk3xctW0nTyy24ia/FlDmG3mMP7wfLwo37hjoCCO1AHBaVpV5rWpRafpkPn3U2dke4LnAJPJIHQGqhGCQeortPAWi6p/wmi2FzobzxqwS+iudOEphUqSN29SY8+vBqLw1o93bxa2i6T5+v2scQt7C6tfMkAZvnYQuDuYLjgqcBs44zQByFSQ289x5n2eGSXy0Mj7FLbFHVjjoB612fhvSNQvNS1i4vLHyr61EYe0i0OO5mUscfLattRRgcsRxkY61uITpnjzxDpWiWlmWudMMkEAsoZDJMYUcqgIbg/MfLUlfQHAo6fIOp5vpWlXmtalFp+mQ+fdTZ2R7gucAk8kgdAaqEYJB6iu68G6frF74+MF/oKyBmC38D6RHthBU7cp5eIs4HIC5qroGkX9tpurJaaMbnxDbywr9jubITSRQkMXcQupyc+WCdpwG7ZzQBx9ABZgFBJJwAO9ejaglnpFr4gu7bTdNa+hWxEiPbpNHazurecqKcqPmyNuCAeMcDFaewtLPxxeas1tFHZ6bZw6g8KIFjaZ4kKIFHABlccDjGe1HUPQ46bSb231n+ypYQL0SiExB1OHJxtyDjOTjrx3qK+srjTdQuLG9j8q4t5GilTcDtZTgjI4PPpV3TNZu7bUnl22s73UoMpu7OG4ySeSPMVsZyemK66CySPx54ot7PQbi6VLiSOGSx0tL0Wf73j9ww2EEAr1GO1Fnp8/0DTX5HntFd/HpFzbXPiFNLtbPWdct7mJVSHT45AsBDF2W32lQwbYrDadhJHvU+oJZ6Ra+ILu203TWvoVsRIj26TR2s7q3nKinKj5sjbggHjHAwdLjOG07R77VluTp8Hmi1j82b51Xau4LnkjPLDpUeo6fc6VqU9hfxeVc27mOVNwbaw6jIJB/Ctrxa7ab4muk01jZxXVtA8sVsfLRt8SSEbVwNu45x0HHpWBcXE13cSXF1NJPNI255JGLMx9STyTQIjoq3p8enyTMNVurq2i2/K1tbLMxPoQzpge+fwrpPDWnmbTdYm8PWQ1XUYZoUtkns0lZYCW3yeS29c5CA/e27jz3oA5i+sLnTLr7Nex+VLsR9u4H5WUMpyPUEGpdO0e+1Zbk6fB5otY/Nm+dV2ruC55Izyw6Vt/EUOvjWcSmMuLe2DGHbsz5CZ27eMemOPSucgu7m2WVba4lhWZdkgjcrvXIODjqMgH8KFYHcttoOpJ4gbRGtj/aKymFoQ6nDDrls7cDuc4A5zTG0i8Vb1lWKRbHaZ2inSRVBO0EFSQwyQMrkcitjwpO154gubq5uZptRe2uGj87LLKTC+4vJksCByPlbJ4JXqKXhbUIbDXoxfE/YbtWtbsf9MnG0n6qcMPdRQk9uoOy16FTTtHvtWW5OnweaLWPzZvnVdq7gueSM8sOlTx+GtWl8SNoEdpnU1kaMweYnDKCSN2dvQHvUV5Ff6BqV9pxnkgkRzBOInKiQBs8+oyAR+Bro/h/DqWteMlaWxbVoZn/ANOkuLMXWAQcFmZWKkkdcgn1o31QPS9zjSMEg9RWhcaDqVqLkz2+37JFHNMPMUlUkxsbAPIO5enTIziuh8PaLqEGn6wtto5uNftpIEW0urMSvDE24u/lSAg87BkqcBs8ZzV/XL9NO+KTpqbR/ZLq1gtb3yduzy3t0Viu35cA4YY4+UYot0QHGado99qy3J0+DzRax+bN86rtXcFzyRnlh0qPUdPudK1Kewv4vKubdzHKm4NtYdRkEg/hU15Ff6BqV9pxnkgkRzBOInKiQBs8+oyAR+Bq54efU9R8XQSW1pDrWoTM7eTqGJEmO05L7iM8ZPJ6ijezQbXuYlWILG4ubS5uYI98VqqtMdwyoZtoOM5IyQOOmRUDfeORg56CtfwtqENhr0YvifsN2rWt2P8Apk42k/VThh7qKFrsD03KmnaPfastydPg80WsfmzfOq7V3Bc8kZ5YdKdNoepw65Jo5spZNRikMbW0K+a24dQNuc9O1F5Ff6BqV9pxnkgkRzBOInKiQBs8+oyAR+Brqfhtca7fePLWS2N7dRy3cUmoTIrSEqGyDI/J2555OCQCegoWtrCleKdzkbDS9Q1W5a30uxub2ZVLNFbwtIwAOMkKCcZIqSy0TVdSuZbfTtMvLueD/WxQW7u0fOPmAGRzxzXQ+H/CGtajrd9ZXFvqVna2m2e/ijgcy7c5RRHjLOc/Lkep6A1eeXUtV8Q+JI7zwjrFwb943mtbRWimtgG3IWzE/UDuBnk0dipKzfkce+jajEL3z7SSFrEKbmOUbHiDEAZQ4bqR24yPWjTtHvtWW5OnweaLWPzZvnVdq7gueSM8sOldBGmn+GPH82n/AGo3GlzD7LdElSVjkUblJHBaMnqONyZ9qwbyK/0DUr7TjPJBIjmCcROVEgDZ59RkAj8DQraf1/XQTv0/r+tSHUdPudK1Kewv4vKubdzHKm4NtYdRkEg/hVatCxstT8T64ltbb73UbtiQZZgGkbBJyzkc8HqaoOjRuyONrKcEHsaWttQ9CeCxuLm0ubmCPfFaqrTHcMqGbaDjOSMkDjpkVLp2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSrfhbUIbDXoxfE/YbtWtbsf9MnG0n6qcMPdRVa8iv9A1K+04zyQSI5gnETlRIA2efUZAI/A1Wl/wCv67C1tp/X9akOo6fc6VqU9hfxeVc27mOVNwbaw6jIJB/CkisLmfT7i9ij3W9syLK+4DaXzt46nOD0rrfCq3+o6J4gvrbSxrmrCS3KPPafbJF3Fwz7SDk/UEdOOBWpe3MGkWHiaSys7AzL/Z4mhMKyQQ3BRvN2pyvDbhtIIBzxwMTstSt3oebUV6RdaYFvNYl8O6Tb3erbbKVLRbJJxHFJCGleOEqV++VH3TtDcYzTdQSz0i18QXdtpumtfQrYiRHt0mjtZ3VvOVFOVHzZG3BAPGOBhvTcS12POasQWNxc2lzcwR74rVVaY7hlQzbQcZyRkgcdMivSYNI059Y1x7SzLagILKaC3tdLivCiyRhpWS3dlUjcV7HaG4HcYEt7p2m/ESZPsV1p+nXaC2vbW5thAyCRAHPl7jtAY71GeMD0os72C6tc5rTtHvtWW5OnweaLWPzZvnVdq7gueSM8sOlR6jp9zpWpT2F/F5VzbuY5U3BtrDqMgkH8KmvIr/QNSvtOM8kEiOYJxE5USANnn1GQCPwNXPDz6nqPi6CS2tIda1CZnbydQxIkx2nJfcRnjJ5PUUb2aDa9zEq1p+l3+rXBg0qxub2ZV3mO2haRgvTOFBOOR+dVm+8cjBz0FdJ4M8O6h4iurmO3N4unW4Wa++yI0jMAflVUX7zk52+nJ6A01qD0MBLO5lvRZx28r3TP5YgVCXL5xt29c54xT4tNvp9R/s+CyuJL3cU+zJExk3DqNoGcjB49q762vov+Es1jU9Tli0LXLq5WO3tb+3nDQRP95/ljb5yuFBOPvMfSrjwbNY8dQ6Zaw67fS3akWkRmDPEZX8xdq7HbadmQpxnByQOV0T/rp/mHf+u553DoOsXGpS6fBpV9LewjMlsls5kQcclQMjqPzFNh0XVbnUpNPt9NvJb2PO+2jgZpEx1yoGRivQLbR7aNfEdhY2E17C0Nm8+j2Dl7iObGWCP8xCxsWByr9QDz8wv3VrDfSeJrJku7+7DWUn9n6cuy4khWPaImyXIKMU3/AHzlecdQB/X9f1ueTTQy207w3EbxSxsVeN1KspHBBB6GmV2vi2zuPE3xAisdJt4X1GW2hilhjmGPOWIb13u3JGMEk5JHrXFujRuyONrKcEHsaSGTwWNxc2lzcwR74rVVaY7hlQzbQcZyRkgcdMipdO0e+1Zbk6fB5otY/Nm+dV2ruC55Izyw6Vb8LahDYa9GL4n7Ddq1rdj/AKZONpP1U4Ye6iq15Ff6BqV9pxnkgkRzBOInKiQBs8+oyAR+BqtL/wBf12J1tp/X9akOo6fc6VqU9hfxeVc27mOVNwbaw6jIJB/Cq1dZol8y+G/EOr3MFvf6gs1tsuL+FbhlLl9zfPkEnHfI/EDG9HoSzeJ9XuNPtYx5VraS/Z7XSUvpA0sasxjt2IQLknJx8uQBjNJJ7DdjzWivZYNK0m08SXkK6Rp88U+oWsTCW2RgqyWryOEAJCZYZ+U4HY1STS9PujLeW9gv9qTaXYzpb2OkQ3WA+7zXS2Yqh5CAnBxnPfIP+B+KuH9fjY8vgsbi5tLm5gj3xWqq0x3DKhm2g4zkjJA46ZFS6do99qy3J0+DzRax+bN86rtXcFzyRnlh0rpZb3TtN+IkyfYrrT9Ou0Fte2tzbCBkEiAOfL3HaAx3qM8YHpXOXkV/oGpX2nGeSCRHME4icqJAGzz6jIBH4GhW/r+vQHf+v69SHUdPudK1Kewv4vKubdzHKm4NtYdRkEg/hVatvw8+p6j4ugktrSHWtQmZ28nUMSJMdpyX3EZ4yeT1FYrfeORg56Clr1H6E8FjcXNpc3MEe+K1VWmO4ZUM20HGckZIHHTIqXTtHvtWW5OnweaLWPzZvnVdq7gueSM8sOlW/C2oQ2GvRi+J+w3ata3Y/wCmTjaT9VOGHuoqteRX+galfacZ5IJEcwTiJyokAbPPqMgEfgarS/8AX9didbaf1/WpDqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwqtXo3gHyNQgkuNWs7bU57vVY4JZr6ITOVaGVmwzcgkqOevFaSaXp90Zby3sF/tSbS7GdLex0iG6wH3ea6WzFUPIQE4OM575Cs1v5firjun/AF52PJ6kht57jzPs8MkvloZH2KW2KOrHHQD1rvrx7HT4fE99YaIkE0MlmqQ6npyK1u7hvMIiYsFBOSFOQARxwMXLKaSz8Ya3YaRZ2fmXukCaG2FjC5eZoI3KIrKeDljsHB9OlHR/10uHWx5jV/SNEvtdujbaasMkwGRHJcxxFvZQ7DcfYZNdT4d0jUbzU9YuL2x8q+tVjD2kWhR3Ey7jj5bU7UUYHLEcZGPvVrWugyJ8akGi6dI1rAYpZvssGY4i8IYkhSyoCxOADgdBxQHc8xqxFYXM+n3F7FHut7ZkWV9wG0vnbx1OcHpTbuzubC6e2vreW2uIzh4pkKOvGeQeRXTeGr5tO8F+IbiOC3ncS2oUXMQlVSTJ82xvlJ/3gR7UdLgcnRXqMGkac+sa49pZltQEFlNBb2ulxXhRZIw0rJbuyqRuK9jtDcDuKlro8N34m1u40rTbm2+zRw7rKTQ0ublXfG8pau+1UyCcknaGUDrTs72Dpc4jSNEvtdujbaasMkwGRHJcxxFvZQ7DcfYZNVIbee48z7PDJL5aGR9iltijqxx0A9a9KtdBkT41INF06RrWAxSzfZYMxxF4QxJCllQFicAHA6DisfwS2p6ZqWsaQbFEv5NPmEdrdWEbzNIFBCASKWORk7Oh9DS6X8g6/d+JyMVhcz6fcXsUe63tmRZX3AbS+dvHU5welEFjcXNpc3MEe+K1VWmO4ZUM20HGckZIHHTIrsLC8v8ATPD/AIom1HTbeK+Wa0DW9zYIixMd+D5O0IDjsVxznGeabd3Flo/xGZJYkg06/too7yKJAqKk0KFyFHAwzbgOgIFG7sv60B6HLado99qy3J0+DzRax+bN86rtXcFzyRnlh0qPUdPudK1Kewv4vKubdzHKm4NtYdRkEg/hU15Ff6BqV9pxnkgkRzBOInKiQBs8+oyAR+BpbGy1PxPriW1tvvdRu2JBlmAaRsEnLORzwepo3tYNr3M+rEFjcXNpc3MEe+K1VWmO4ZUM20HGckZIHHTIqB0aN2RxtZTgg9jWv4W1CGw16MXxP2G7VrW7H/TJxtJ+qnDD3UULXYHpuVNO0e+1Zbk6fB5otY/Nm+dV2ruC55Izyw6VHqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwqa8iv8AQNSvtOM8kEiOYJxE5USANnn1GQCPwNdR4Mgj1a31q8uftF/rIMTR4sE1GUozHzHEUjAOc7AWOSAffIN9UD00ZxFFeuaRaaQ2sXQXQI0WfU4LeW31LT1jki3W8jSBUy3lgsu4AHgEYxVT+xRe341Gxs4FlbSLOd7ey0aO8cvJkMyW5KoBx8zEHGRjrR/X3q4f1+NjznStKvNa1KLT9Mh8+6mzsj3Bc4BJ5JA6A1LpOh32uXbW2mrC86jIjkuY4i3su9huPsMmvQbbRG/4W9NZ6Zo0N1pzrE10g09Jo4w8IYkcOIwWJxtOOwOK5/wFoWrr8QbSNtLvQ9nLm5U275gypxvGPlz70bg9DloLG4ubS5uYI98VqqtMdwyoZtoOM5IyQOOmRUunaPfastydPg80WsfmzfOq7V3Bc8kZ5YdK0dBkfQfFAtNcgmtYZ1NpfQzIUZY5BgkqehGQwz3AqheRX+galfacZ5IJEcwTiJyokAbPPqMgEfgaNP6/r0DX+v69SHUdPudK1Kewv4vKubdzHKm4NtYdRkEg/hVatvw8+p6j4ugktrSHWtQmZ28nUMSJMdpyX3EZ4yeT1FYrfeORg56Clr1H6E8FjcXNpc3MEe+K1VWmO4ZUM20HGckZIHHTIqXTtHvtWW5OnweaLWPzZvnVdq7gueSM8sOlW/C2oQ2GvRi+J+w3ata3Y/6ZONpP1U4Ye6iq15Ff6BqV9pxnkgkRzBOInKiQBs8+oyAR+BqtL/1/XYnW2n9f1qNu9H1Cy1G7sLi0k+02W77QiDf5YX7xJXIwPXpVKu08DatqM+oazCnlXt7e2E7R/aLaO4lnlAB2gupZsgH5ehx0NW/DWnNcy66+p6dImvQmHZaQ6JFO8aHO9ltW2J/cydvAbOOcha/gPz8zgKkht57jzPs8MkvloZH2KW2KOrHHQD1rv7a2t38XawuneGNU+aGMY/sRJ3spDtLE2rkoFfDYBYbQeKXRGvtM8W+I9Ht/7PvbqSznEIi06E+bIFBCKhTg4zmMcZBGDijp8mw/zRw+naPqeru66Tp13fNGAXFtA0hUHpnaDinWOi3+o3k1tbQYkgBaYzOsKwgHBLs5CrzxyRycda1bPSNT1DxDc/2j4a1O8lhx9otNOthatESBtyqxMEBA6bRnrXdy6ZHqV7rBkjXVWnvXmkt42ZVdkSELG5RskR+e5bD9YySetNK4utjym/0+50y9e0vo/LmTBIDBgQRkEMCQQQQQQSCDVevYr3StL/tC/trKzmbUdPt44re1j05b+WKEzyniGVgGIQxcnJAb3yMKKy0mXxBrX9paRNp+gLHEbuS5sxbz2s5C4Ea/MV3Nn92DjaT/AHRSWv8AX9f8PoN6HnVFejWuh3k3ifXZ3063ge3Efk2thpKX5MTHCNFCxVGTaATIQTyO7Gt+DStJtPEl5CukafPFPqFrEwltkYKslq8jhACQmWGflOB2NHS/9b2Drb+trnjVX9I0S+126NtpqwyTAZEclzHEW9lDsNx9hk16PNYPJpt3faL4ds73UZdO0+ZYotNWURM4kDusQXb2HUEdyM4qjpOkyTfFy1bSdPLLbiJr8WUOYbeYw/vB8vCjfuGOgII7UdWg6XPN6K7nwfogjh1qK9sLoa1beSIrX+ykvJkQk72FvKyg/wAGSQSA2cc5Gbq+iya348k0zw5pVzb3E4BFlcwrasriPc/yFiEBwzAZ4BAHagDmKK6nwjZPNZaxLY2MOoaxBHGLS1kgE5ILYkdYiCHIGOoOASe2auaVZalJba1LDosc/iSKaEGyfTEZoYSG3stsU25z5YJ28Bu2c0AcVViCxuLm0ubmCPfFaqrTHcMqGbaDjOSMkDjpkV6xpmnaVFqjxyaTpsss97awXkTQK6wSNbSNNGn9z516L90jAxiudv7uz07xdpM08ENtZarpMK38dvEsabZUwzBVAAwcN9VBo62Xp87XDpf5/jY47TtHvtWW5OnweaLWPzZvnVdq7gueSM8sOlR6jp9zpWpT2F/F5VzbuY5U3BtrDqMgkH8KmvIr/QNSvtOM8kEiOYJxE5USANnn1GQCPwNLY2Wp+J9cS2tt97qN2xIMswDSNgk5ZyOeD1NG9rBte5n1Ygsbi5tLm5gj3xWqq0x3DKhm2g4zkjJA46ZFQOjRuyONrKcEHsa1/C2oQ2GvRi+J+w3ata3Y/wCmTjaT9VOGHuooWuwPTcqado99qy3J0+DzRax+bN86rtXcFzyRnlh0qPUdPudK1Kewv4vKubdzHKm4NtYdRkEg/hU15Ff6BqV9pxnkgkRzBOInKiQBs8+oyAR+BrpPDljbeJNF1ObXJjm3vIZ7m+YgzBGSRT87ZJBfy/Xk0bq6DZ2ZxlWIrC5n0+4vYo91vbMiyvuA2l87eOpzg9K9Lg0KytbzUbJLItrGnWVlH5VtpkV85JXMziF2VXOSgLHJAP4iOGKXy/Fa+G/D1w8++zP2C60zLROQ+9vs+WAGSSAcgBhxwKAPMKt6VpV5rWpRafpkPn3U2dke4LnAJPJIHQGu7htIB4p1GOy0KW6nNnAs76dpkd8ljclVMo8hv3fLBl6jac46YqPw7ot9/wALPubD7Da6vbLNsvHi0yN4kUqSPl2YhOeCBjBBGeKA6HBRW085kEEMkvlIXk2KW2KOrHHQD1qKu28EtqemalrGkGxRL+TT5hHa3VhG8zSBQQgEiljkZOzofQ1Z8Nac1zLrr6np0ia9CYdlpDokU7xoc72W1bYn9zJ28Bs45yDr8g6fM4iCxuLm0ubmCPfFaqrTHcMqGbaDjOSMkDjpkVLp2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSullvdO034iTJ9iutP067QW17a3NsIGQSIA58vcdoDHeozxgelc5eRX+galfacZ5IJEcwTiJyokAbPPqMgEfgaFb+v69Ad/6/r1IdR0+50rUp7C/i8q5t3Mcqbg21h1GQSD+FVq2/Dz6nqPi6CS2tIda1CZnbydQxIkx2nJfcRnjJ5PUVit945GDnoKWvUfoTwWNxc2lzcwR74rVVaY7hlQzbQcZyRkgcdMipdO0e+1Zbk6fB5otY/Nm+dV2ruC55Izyw6Vb8LahDYa9GL4n7Ddq1rdj/AKZONpP1U4Ye6iq15Ff6BqV9pxnkgkRzBOInKiQBs8+oyAR+BqtL/wBf12J1tp/X9akOo6fc6VqU9hfxeVc27mOVNwbaw6jIJB/Cq1dn4csbbxJoupza5Mc295DPc3zEGYIySKfnbJIL+X68mty58NabJb3WmahDDZf2Qtib25hRFkXdC+/5sc5kMYOc80rNLz/r8h6M8wor0+58NabJb3WmahDDZf2Qtib25hRFkXdC+/5sc5kMYOc81zuueGbu58YWfhvSLKNtQis4Y5IkKJvlEW9yScDPJ5J7UPf+tu4+mpyVfRf7KH+q8W/71l/7XryjwLp9tc2OsP5ElxqkPlCCKHTo79xGWIkZYXYK3OwE87QffI9x/Z+W1TxF43FjY3NgmdPL21zbeQyPsm3fu8naCckDPAIFD0Yj22iiigD8/ta/4/U/65j+ZrOru9GtbO4mvjr9sg0NYE+0XmwCSB952CNsE7icgqOCuSemat2uh3k3ifXZ3063ge3Efk2thpKX5MTHCNFCxVGTaATIQTyO7Gkugd2ec1JPcTXUvm3M0k0m0LvkYscAYAyewAA/CvYYNK0m08SXkK6Rp88U+oWsTCW2RgqyWryOEAJCZYZ+U4HY1QmsHk027vtF8O2d7qMunafMsUWmrKImcSB3WILt7DqCO5GcU3tf0/FXD+vxsecaRol9rt0bbTVhkmAyI5LmOIt7KHYbj7DJqhXpGk6TJN8XLVtJ08stuImvxZQ5ht5jD+8Hy8KN+4Y6AgjtVDwfogjh1qK9sLoa1beSIrX+ykvJkQk72FvKyg/wZJBIDZxzkAHDUV0+r6LJrfjyTTPDmlXNvcTgEWVzCtqyuI9z/IWIQHDMBngEAdqd4RsnmstYlsbGHUNYgjjFpayQCckFsSOsRBDkDHUHAJPbNCBnLUV2ulWWpSW2tSw6LHP4kimhBsn0xGaGEht7LbFNuc+WCdvAbtnNdXpmnaVFqjxyaTpsss97awXkTQK6wSNbSNNGn9z516L90jAxih6K/p+Idbf1oePgFmAUEknAA71cudIv7W/ubOW2c3FoCbhI/n8oDqWK5Axnn0713F1aWkXiG01+W0t4rez0a31GaKGFY43nIxGoVQAN0hXPHQGs7wJqd9Jf6zbwJb3N5e2E7xpLaRTSTS4DbRuUk5wTs6H0NHfyv+H/AAwdvl+P/DnGUV3/AIa05rmXXX1PTpE16Ew7LSHRIp3jQ53stq2xP7mTt4DZxzkSW1tbv4u1hdO8Map80MYx/YiTvZSHaWJtXJQK+GwCw2g8UdQOAht57jzPs8MkvloZH2KW2KOrHHQD1qxp2j6nq7uuk6dd3zRgFxbQNIVB6Z2g4ruNEa+0zxb4j0e3/s+9upLOcQiLToT5sgUEIqFODjOYxxkEYOK56z0jU9Q8Q3P9o+GtTvJYcfaLTTrYWrREgbcqsTBAQOm0Z60LVr0Do/Uxk028eG8lEBC2WPtAYhWjy23lTz97APHGeafp2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSuq1DUorP4qXzahcJPZ3zGC8MeMJHIgDKcEgtGSOcn5kz1rl7yK/0DUr7TjPJBIjmCcROVEgDZ59RkAj8DQntf+v60B9bf1/WpDqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwqtWhY2Wp+J9cS2tt97qN2xIMswDSNgk5ZyOeD1NUHRo3ZHG1lOCD2NLW2oehPBY3FzaXNzBHvitVVpjuGVDNtBxnJGSBx0yKl07R77VluTp8Hmi1j82b51Xau4LnkjPLDpVvwtqENhr0YvifsN2rWt2P8Apk42k/VThh7qKrXkV/oGpX2nGeSCRHME4icqJAGzz6jIBH4Gq0v/AF/XYWttP6/rUh1HT7nStSnsL+Lyrm3cxypuDbWHUZBIP4Ul9YXOmXX2a9j8qXYj7dwPysoZTkeoINdP4bhvdT03WL+ytRrGvebDtW4hF0yxsW8yXY4YMchASQcBs8da6y60+C68S687w/adWhtrEQx2mmxX+EMKiRo4GYIwztGQDtB4HOQrPqPqeSUV6HbW1u/i7WF07wxqnzQxjH9iJO9lIdpYm1clAr4bALDaDxUNro8tvq3iVLSCy1fWrXyxawx2SMrBm/eMtvt27lGAV2naS3pmgDgqt6VpV5rWpRafpkPn3U2dke4LnAJPJIHQGun0tpbKz8UXur6PaHUbWOHZDdWKIsDtIFyItoUcHpjB7g1a8INL4j8cxSWXh23azkRI76NLBJolITBfGzEW5hn5celHQDgyMEg9RUkNvPceZ9nhkl8tDI+xS2xR1Y46Aetdn4Y0nUrbRvECReHftmsWr26xwXOn+fJBu37m8tlPbHUEdDjpWvY3JtfFutadpFrYG6uNJJa2js4ZQbsRIZI4wVPG4P8AuxxkEY4FH+X6XDqeeaVpV5rWpRafpkPn3U2dke4LnAJPJIHQGp9M1mXR4blbW1t/tUqNGt44YywqwwwT5toyMjJUkZOCK6jwbp+sXvj4wX+grIGYLfwPpEe2EFTtynl4izgcgLmqugaRf22m6slpoxufENvLCv2O5shNJFCQxdxC6nJz5YJ2nAbtnNHQOpzlvqk9to97p0axmG8eN5GIO4FM4xzj+I54qKCxuLm0ubmCPfFaqrTHcMqGbaDjOSMkDjpkV32oJZ6Ra+ILu203TWvoVsRIj26TR2s7q3nKinKj5sjbggHjHAxn3dxZaP8AEZkliSDTr+2ijvIokCoqTQoXIUcDDNuA6AgUbuyB6bnLado99qy3J0+DzRax+bN86rtXcFzyRnlh0qPUdPudK1Kewv4vKubdzHKm4NtYdRkEg/hU15Ff6BqV9pxnkgkRzBOInKiQBs8+oyAR+Bq54efU9R8XQSW1pDrWoTM7eTqGJEmO05L7iM8ZPJ6ijezQbXuYlathNf8A/CO6tb2sMb2jGGW6cn54wrEKQM9Mvg8Ht0rLb7xyMHPQVr+FtQhsNejF8T9hu1a1ux/0ycbSfqpww91FC10B6bjtGTVb3RtV0/TLaOaB1iuLliwDIqNhSMkd3weDVK/0fUNMuLqG9tZI2tJvInIG5Y5OflLDIzwe/ODTryK/0DUr7TjPJBIjmCcROVEgDZ59RkAj8DW9pcWoeIfB2s29stxqWpvf29y8S5lmkQLKrPjlmwWXJ5xkZo3V1/Wq/QNnZnNHTr0MymzuNywicjymyIyAQ/T7uCDnpzVevUrS/uYfEd7pNlHaz3g8Px24ge1inc3EcCBohuUkkbWBQcEjkZFec6st6uqTjVLX7JdgjzIPsy2+w4H/ACzUALxjsPWh72/rdgtr/wBbIp0V2fgSwtbvT9XkEMlxqcQh+zxw6bHfuIyTvZYHYK3OwE87QffIv3j2Onw+J76w0RIJoZLNUh1PTkVrd3DeYRExYKCckKcgAjjgYHoC1OI0rSrzWtSi0/TIfPups7I9wXOASeSQOgNVCMEg9RXpmmaTLP8AFLyLDRYbmwnhgku4xp6TRReZAHOMqRGCxOMY9Kj8CaXHaxSW2taLbvcPqkVtLHf2uZI0aGViAGGVJ2qc9fSjZXf9a2Dr/Xa55vUi3EyW8luk0iwyMrPGGIVyM4JHQkZOPqa6HxxFCuo6bPBbwW5u9Lt7iRLeJY03svJCqAB0qfwPpUl8uo3MEfnPbIgEUWmJqEx3NjKwuwXAxyxzjjHWhX1X9aB0uYmkarFpU3mvpVlfyqyvG10ZT5ZHPAR1B+jAjima1FqEerztrA/0yci4lJKnd5gDg/LxyGBx2zXoGpaIkGteID4a0q3vNSjNoYrYWscyxRyR7pZFiO9Mbto4yFDcHHNcz8RQ6+NZxKYy4t7YMYduzPkJnbt4x6Y49KAOXq3pWlXmtalFp+mQ+fdTZ2R7gucAk8kgdAa7f4c29lLp5+2abZXhn1OK2Y3MCyERtDKxCk9OVHI54rR0/TJb3x1pDWeh209pe6ZbzX6RaZG8UZZG5xsIjyR1GCfWh6f15XEtV/Xex5YRgkHqKt6VpV5rWpRafpkPn3U2dke4LnAJPJIHQGuj0eGXQ/DviCa90qAajay2yIuoWYdoN+/J2OMZIxwQR0OOAa3tM0mWf4peRYaLDc2E8MEl3GNPSaKLzIA5xlSIwWJxjHpQM8zIwSD1FFekeBNLjtYpLbWtFt3uH1SK2ljv7XMkaNDKxADDKk7VOevpXOeOIoV1HTZ4LeC3N3pdvcSJbxLGm9l5IVQAOlD0/D8VcFr/AF52Oaoro/CtnFrVvqOhi3ie+uUSWzlKjero2WUHrgoXOM9VFdLpUOkapqXiGXSbPfNamGGwitdKjvXaBSVaUQOwVmOELMckbie+QwOD0nU5tH1SG+tkjkeIn5JQSjqQQykAg4IJHUdaktLC58Ra4tpo9jGs9wxMVtE5CrgEkAyMT0B6tXZXj2Onw+J76w0RIJoZLNUh1PTkVrd3DeYRExYKCckKcgAjjgYtaZpMs/xS8iw0WG5sJ4YJLuMaek0UXmQBzjKkRgsTjGPSluGx5vcXE9zMZLqaSaTAUtIxY4AwBk9gAB+FR12XhLw9fC51Xz7OVLuySNWtTpAvbkbz1FvIQuMdWI4yMda7ODStJtPEl5CukafPFPqFrEwltkYKslq8jhACQmWGflOB2NGyv/X9ahu7HjVFdj4i0WfWvEuj2ui2Nut5qWmQT+RAscCNIUJbA4UdK490aN2RxtZTgg9jR1t/Wgf194+e4mupfNuZpJpNoXfIxY4AwBk9gAB+FR11fhOxmuNF1S40jT4tR1eKSFYoZLZbjy4mLb5BGwKnkICSDtDZ461va34f+23PiOy0vTLe41COPT5I4rGBCQDGPNaMIMbSzAnbxyD0oYHA6VpV5rWpRafpkPn3U2dke4LnAJPJIHQGqhGCQeor07TtFm/4WktjZaNb3diLe2W8VLGO4iTNup3btrBctk7gRn1NYHhPTbu11HUrS78PajNdpEqbk0kXj2bFg2WgkG07gCMnBHUU92Byk9xNdS+bczSTSbQu+RixwBgDJ7AAD8KjrU8TWb6f4lvrWWa3neOXBe3hWJDxnGxQAhHQqBwQR2rU8OTR2XhLXb8WVncXMMlssL3Vus3lbi4JCsCOg7gj2yBiU9Lh5HL0V6RdaYFvNYl8O6Tb3erbbKVLRbJJxHFJCGleOEqV++VH3TtDcYzSRWMMfirUYrTQZrm4azg886dpqX6WFyQrSqIW+TBIZcZG05A6Yqra2Dpc88ht57jzPs8MkvloZH2KW2KOrHHQD1onuJrqXzbmaSaTaF3yMWOAMAZPYAAfhXoGiNfaZ4t8R6Pb/wBn3t1JZziERadCfNkCghFQpwcZzGOMgjBxWdpjTWVn4nvdY0a0/tK1ig2Q3VgkawO0gXcItoUcHOMYPcGpvt6XD/M5jTNWvNGuGuNNkWGdkKCXylZkz3QsCUb/AGlwR61TJJOTyTXaWsC+LdI1t9J0OL+0QtmywWkIZuMrLIiqBtBJUkKMDNa91opgvtYGgaVa3mq28VgsdultHcLHG0IMsqxkFG+baC2DjcTnnNMDzy+sLnTLr7Nex+VLsR9u4H5WUMpyPUEGo57ia6l825mkmk2hd8jFjgDAGT2AAH4V0nxFDr41nEpjLi3tgxh27M+Qmdu3jHpjj0q34EsLW70/V5BDJcanEIfs8cOmx37iMk72WB2CtzsBPO0H3yBag9DmbfVJ7bR73To1jMN48byMQdwKZxjnH8RzxVKvRYrLSZfEGtf2lpE2n6AscRu5LmzFvPazkLgRr8xXc2f3YONpP90VYstJV9Y8RtcaZHFqcbQmyttP0uK9UW5JBeKFyqyAgR/PgnDZ6kkH9f1/W2of1/X9bnmVFegynTrGfxVfW2hrHJbQ2xit9TsVQ28rModhESwUZJIUkjBAII4qrpEketnV9Q0jRLR9YjtoBBYrbrMrnhZpUg27SeAdu0hdxPbNC1QHJ6VpV5rWpRafpkPn3U2dke4LnAJPJIHQGoYraecyCCGSXykLybFLbFHVjjoB612ngzT9XvfHrQXuhLKrPtv4X0mMrACpxlNmIs46gLTPBLanpmpaxpBsUS/k0+YR2t1YRvM0gUEIBIpY5GTs6H0NHT5B1+Zxs9xNdS+bczSTSbQu+RixwBgDJ7AAD8KIbee48z7PDJL5aGR9iltijqxx0A9a7Tw7pGo3mp6xcXtj5V9arGHtItCjuJl3HHy2p2oowOWI4yMferbQnTPHniHStEtLMtc6YZIIBZQyGSYwo5VAQ3B+Y+WpK+gOBR0+QdbHm+laVea1qUWn6ZD591NnZHuC5wCTySB0BqoRgkHqK7rwbp+sXvj4wX+grIGYLfwPpEe2EFTtynl4izgcgLmqugaRf22m6slpoxufENvLCv2O5shNJFCQxdxC6nJz5YJ2nAbtnNAHH0V6NqCWekWviC7ttN01r6FbESI9uk0drO6t5yopyo+bI24IB4xwMcv40t4bbxRMLaGOBJIIJjHEgVVZ4UZsKOAMk8DgUdQMGr+kaJfa7dG201YZJgMiOS5jiLeyh2G4+wya1/DukSaz4Y1yCwsTe6ij2zwpFFvlCbmDle+OVzj2zXS6doVwvxftE0vTmeC1itzObOLfHGWt1yxKZXls89zQByHhWPWpNSf/AIRtrdb0xlVMskCSDPeIyEEP7p8wrDJJOTyTXY+AtC1dfiDaRtpd6Hs5c3Km3fMGVON4x8ufel8JeHr4XOq+fZypd2SRq1qdIF7cjeeot5CFxjqxHGRjrT3FscbUk9xNdS+bczSTSbQu+RixwBgDJ7AAD8K9hg0rSbTxJeQrpGnzxT6haxMJbZGCrJavI4QAkJlhn5TgdjWRcafHM0t9pOk2VxrMmj2dxBZR2aOpL5EsiQbdrEADjacZJ7Zpf1+Fx/1+NjzGiu10qy1KS21qWHRY5/EkU0INk+mIzQwkNvZbYptznywTt4Dds5rI8Z29va+I3jt4oYJfJia6ggxsinKAyIoHAw2eBwDkdqAKGkaJfa7dG201YZJgMiOS5jiLeyh2G4+wyaoV1fw3069vfG1jNZ2dxcRW8mZniiZljBU4LEDjPvU/hLw9fC51Xz7OVLuySNWtTpAvbkbz1FvIQuMdWI4yMdadhHKxWFzPp9xexR7re2ZFlfcBtL528dTnB6VHPcTXUvm3M0k0m0LvkYscAYAyewAA/CvVLrT5rO58WweG9GjvZc2EiW0dmJ1UtGzM4iG5cZY8fMozx0FZ9xp6edqr+HdKtLzXYltBNZxWiXCwEx/6QUhIZTiTaDgELkgYpD6nm9W9K0q81rUotP0yHz7qbOyPcFzgEnkkDoDXdXUdhpb+I7uPTNPlvLaztGeF4Vkitbp2UShV+7wxPy/dB4wQMVW8INL4j8cxSWXh23azkRI76NLBJolITBfGzEW5hn5celAHBkYJB6ipJ7ia6l825mkmk2hd8jFjgDAGT2AAH4V1fhPTbu11HUrS78PajNdpEqbk0kXj2bFg2WgkG07gCMnBHUVieJrN9P8AEt9ayzW87xy4L28KxIeM42KAEI6FQOCCO1HYO5l1b0rSrzWtSi0/TIfPups7I9wXOASeSQOgNbvhyaOy8Ja7fiys7i5hktlhe6t1m8rcXBIVgR0HcEe2QMdJpmkyz/FLyLDRYbmwnhgku4xp6TRReZAHOMqRGCxOMY9KOoHmZGCQeoq3pWlXmtalFp+mQ+fdTZ2R7gucAk8kgdAa6Twnpt3a6jqVpd+HtRmu0iVNyaSLx7NiwbLQSDadwBGTgjqK0/Dui33/AAs+5sPsNrq9ss2y8eLTI3iRSpI+XZiE54IGMEEZ4oA89IwSD1FFTXdnc2F09tfW8ttcRnDxTIUdeM8g8iug8O6RJrPhjXILCxN7qKPbPCkUW+UJuYOV745XOPbNHQGc7Dbz3HmfZ4ZJfLQyPsUtsUdWOOgHrUdeoWrS6Z4w1nSdKtLEyzaKvkwJaQzebN9njYquVO7PzHaMhjzg153qy3q6pONUtfsl2CPMg+zLb7Dgf8s1AC8Y7D1oe9gW13/WhTq/pGiX2u3RttNWGSYDIjkuY4i3sodhuPsMmt3wPpUl8uo3MEfnPbIgEUWmJqEx3NjKwuwXAxyxzjjHWuitdBkT41INF06RrWAxSzfZYMxxF4QxJCllQFicAHA6DigDzzStKvNa1KLT9Mh8+6mzsj3Bc4BJ5JA6A1UIwSD1Fdp4C0XVP+E0WwudDeeNWCX0VzpwlMKlSRu3qTHn14NM8PaLqEGn6wtto5uNftpIEW0urMSvDE24u/lSAg87BkqcBs8ZzQBx1W9K0q81rUotP0yHz7qbOyPcFzgEnkkDoDXfa34f+23PiOy0vTLe41COPT5I4rGBCQDGPNaMIMbSzAnbxyD0qXTtFm/4WktjZaNb3diLe2W8VLGO4iTNup3btrBctk7gRn1NAHmtxcT3MxkuppJpMBS0jFjgDAGT2AAH4VY0zVrzRrhrjTZFhnZCgl8pWZM90LAlG/2lwR611fhjSdSttG8QJF4d+2axavbrHBc6f58kG7fuby2U9sdQR0OOlYvjKK2h8TSpaxwwuIovtMVuAI45/LXzVUDgAPkYHQ5FAGESScnkmiuz8CWFrd6fq8ghkuNTiEP2eOHTY79xGSd7LA7BW52AnnaD75GlFZaTL4g1r+0tIm0/QFjiN3Jc2Yt57WchcCNfmK7mz+7BxtJ/uinbW39f1+oXPPp7ia6l825mkmk2hd8jFjgDAGT2AAH4VHW14uguLfxReLdWVvZZbMUVqgWLy8fIyEAblK4O7v1PNbPgSwtbvT9XkEMlxqcQh+zxw6bHfuIyTvZYHYK3OwE87QffIS1VwehxlFejWujw3fibW7jStNubb7NHDuspNDS5uVd8bylq77VTIJySdoZQOtc54+sraw8aXkFjFHDEUik2RqFUM0as2ApIAyTwCQOg4oH3OcorqfB9m1xYavNp9lDqGrwxx/ZLWSATkqWxI6xEEOQMcEHAJOOM1c0qy1KS21qWHRY5/EkU0INk+mIzQwkNvZbYptznywTt4Dds5oEcVUk9xNdS+bczSTSbQu+RixwBgDJ7AAD8K9c0zTtKi1R45NJ02WWe9tYLyJoFdYJGtpGmjT+5869F+6RgYxU9jZaY5064l0XS5G1IWQmU2aBQHt5WfYAAFyUU5HND0T8rL7wWrXnf8DxiivT77T/NszfeH9GtLnWprCxmNrFYRyhI3VvMkSDaVPzCME7TjPbOahm0hVudXk0DSrW71yNLQS2SWyXCWzMpNwViIZOHCqeCE3EDFD0bXYOlzz6+sLnTLr7Nex+VLsR9u4H5WUMpyPUEGo57ia6l825mkmk2hd8jFjgDAGT2AAH4V6drdncy6xrUul6fbanrkUdiohS1juQsJgHmPHFtKsNwQZCnAPGM1xfjO3t7XxG8dvFDBL5MTXUEGNkU5QGRFA4GGzwOAcjtQxowaK6nwfZtcWGrzafZQ6hq8Mcf2S1kgE5KlsSOsRBDkDHBBwCTjjNXNKstSkttalh0WOfxJFNCDZPpiM0MJDb2W2Kbc58sE7eA3bOaBHFUV6NqCWekWviC7ttN01r6FbESI9uk0drO6t5yopyo+bI24IB4xwMKljGni/VFstAuLnzrO2kWSx0pL1bR3jR2PkMNmG+YdsdvShauwM84rU0zXG0+ymsp7C01G0mdZDBdB8K4yAylGVgcEjrg9xwK7PSdEgj1bxJFJsv9WtZIhCLHSIrr92Sd5W1YqgI+RWGDsJP1pradHLe69N4a0GRtUje2VbC905N8Csp86QW7b1ALheudoft1oA89nl8+4kl2JH5jFtka4VcnOAOwplek634f+23PiOy0vTLe41COPT5I4rGBCQDGPNaMIMbSzAnbxyD0p48PD/hJ9VNjbQk2dnZjybPS49QkLPEm5khLBCM5LPz1GPvUJAzzeG3nuPM+zwyS+WhkfYpbYo6scdAPWpILG4ubS5uYI98VqqtMdwyoZtoOM5IyQOOmRXpaE6Z488Q6VolpZlrnTDJBALKGQyTGFHKoCG4PzHy1JX0BwK5DTL6bTvGTp4itjZpdA2t/B9mW32RuuCfLAUKRw44HIBo3dl2DZXZV0ZNVvdG1XT9Mto5oHWK4uWLAMio2FIyR3fB4NRp4Y1Z9Yu9KW2T7fZ7vNtzPGGJXqFG75zx0XJqC8iv9A1K+04zyQSI5gnETlRIA2efUZAI/A1o+E7m9uvH+l3O83V5JeIxa4lI8xs87nwx/HBoXvNWB3inczNO0e+1Zbk6fB5otY/Nm+dV2ruC55Izyw6VHqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwqW5uVs766TRr27+yy/KWceU0i5BwyqxGMj17A8VVuLia7uJLi6mknmkbc8kjFmY+pJ5Jpb2HazaJIrC5n0+4vYo91vbMiyvuA2l87eOpzg9Kjht57jzPs8MkvloZH2KW2KOrHHQD1rqPDV82neC/ENxHBbzuJbUKLmISqpJk+bY3yk/7wI9q6Kymks/GGt2GkWdn5l7pAmhthYwuXmaCNyiKyng5Y7BwfTpT7/10uLqeaw289x5n2eGSXy0Mj7FLbFHVjjoB61HXeeFLzV4dc1ywn0+3i1K40+XZaSaXCrtKFBCLGY+MqCdgGD1wTS6HZ6tJY+I5T4biutbhktgts+kqzQbt4JEATaOMcFcdDjODR/l+odPmcNPcTXUvm3M0k0m0LvkYscAYAyewAA/CrGmateaNcNcabIsM7IUEvlKzJnuhYEo3+0uCPWu6itIB4s1OKy0KW6m+yQLM+m6ZHfR2NwVUygQN8mCwZeo2nOOmKxI9O1C2+JT2VjaabrV6krhYHt0SCX5CSDH8qqQM5XjDDHagOhyo3O3GWZj9STU97YXOnahLY3cey5hfY8YYNtb04JGfb14rX8JwRx6lcaveRq1tpMRumQjh5M4iT8XK/gDT/DAEmsXWu6kPOi01GvJd/SWUnEan6yMufYGjQHf+v69CnNo2vXuuT2DWd5f6jbqFmiiBuHQKAuDtzwOB7dKy5I3hlaOVGSRGKsjDBUjqCOxrpvCeh6p4q1G8YSXpsoyLnUHtkaR3+YkBUX7zk5x6cngA1s3d9OP+Eu1m/wBDgt9Q+1W5ih1GzDtbh9/O1xgkrjOQQeuOlGyVw3vY4ew02+1S5+z6ZZ3F5PtLeVbxNI2B1OACcVDNDLbTvDcRvFLGxV43UqykcEEHoa9T/s6wnh8RWVrY3M08osLttN0sBJLhDFuZVAB2oJHDEKpxxwOoZq8TanqWq3Wi6ZbX2vQQ2UMluIRdiH5CJm2ybg5VgiFiCRzz3oegLVXPPh4c1l9SbT4NNubm7WJZjDbRmZgjKGDYTPGGX86o3FtPaXMlvdwyQTRsVeKVSrIfQg8g16vf2kt3qnia2ltH1QNbaf5mn6YAJpGES4kjKggIpznCMPmXgcEVtT0ey1fUNaTVZIo4rKezkluI4wk1tCYGTym3FiCrCNWBLfN70en9f1/XYPU8tor0S50SCbU7vwithbJqa6famKRY1D/aEUNIMgZO5XfPPJQVGiwX82uz+EdJtry8tpoYLSBbJJz9lUMrTCIqQzMypuYqSN3bNH9fp/XkH9fqcVpWlXmtalFp+mQ+fdTZ2R7gucAk8kgdAaguLie5mMl1NJNJgKWkYscAYAyewAA/CvSNK0l5fiYltY6Nb3MDxRf2rBHYpcQ20pjy6jKsI/nz0IwcgdKxfCXh6+Fzqvn2cqXdkkatanSBe3I3nqLeQhcY6sRxkY60bg9DjaK7DxP4alv/AIkzaP4cs42mnSOSOCMpGpYwiR8fMVUfeOA2B0HapPAun21zY6w/kSXGqQ+UIIodOjv3EZYiRlhdgrc7ATztB98gWqB6HF1JPcTXUvm3M0k0m0LvkYscAYAyewAA/CvQYrLSZfEGtf2lpE2n6AscRu5LmzFvPazkLgRr8xXc2f3YONpP90VYstJV9Y8RtcaZHFqcbQmyttP0uK9UW5JBeKFyqyAgR/PgnDZ6kkH9f1/W2of1/X9bnmVFehrY28useIZdC0RzqkMUBttNvdPXzELY851tiWB9QvO0NnHArNsdH1DV9M8RW8mjltbjltnFtFZLHLGu5g+2NVG0crnAHYmgDkobee48z7PDJL5aGR9iltijqxx0A9ajr1C1aXTPGGs6TpVpYmWbRV8mBLSGbzZvs8bFVyp3Z+Y7RkMecGs7w1pzXMuuvqenSJr0Jh2WkOiRTvGhzvZbVtif3MnbwGzjnIOvy/UOl2cBX0X+yh/qvFv+9Zf+168Z16DRG8XXi3EepaPb7VJg/s5RIsu0bh5RlARSckDccAgYxXtX7K4hV/GItneSESWYjeRAjMv+kYJUEgH2yfrSA+g6KKKYH5+61/x+J/1zH8zWfXe6DpMt9d39zBH5z20EYEcWmJqEx3ORlYXYLgY5Y5xxjrWveaP9l1HxT/wj2gW2oXcX2J4IlsFuBEZIyZGSMblAyenzKOMdBSWiH1Z5tpWlXmtalFp+mQ+fdTZ2R7gucAk8kgdAadBqc9rpN7pqJGYrx42kJB3Axk4xzj+I5rvtK0xrn4ni2sNGt7q2MUK6nFFYJPDBKYsyAfKRH8+RxjBBHauHsvDmr3+vrokFhKupsSBazAROMLuOd+McDPNMRmUV2ngXT7a5sdYfyJLjVIfKEEUOnR37iMsRIywuwVudgJ52g++RcvNGh1b/AISW30LQ7pb5GtJEs5bIR3EXUSlYwWKKWIOAcAEdhQw9Tz+iur8T6fpNr4vltb6WSxgS0tyP7Pto5gXMKE8eYi4JJO4E5P1zRoklrYeGvEN9a21tePBNbpazX1ojsisZAW2NuUEgdDuH1wDQBylFekXWmBbzWJfDuk293q22ylS0WyScRxSQhpXjhKlfvlR907Q3GM0y6jsNLfxHdx6Zp8t5bWdozwvCskVrdOyiUKv3eGJ+X7oPGCBih6b/ANf1+YLVXOCt/tstvPb2n2h4domnji3FcL0dgOMDceT0z70RWFzPp9xexR7re2ZFlfcBtL528dTnB6V2/hfXpNQ1fVY9K0uxgnutKcJbJZwyedOqLnYpTgNtZvLHy+xqCwvL/TPD/iibUdNt4r5ZrQNb3NgiLEx34Pk7QgOOxXHOcZ5oen9edgWqOHqa0s7m/uktrG3lubiT7kUKF2bjPAHJ4ro/ElnpEfi+4W8km0+3kt4JgtjaJIA7xIzAIXQKMsTweOmKvfDVdRPjy1i0IXk+n/bIjcyJb4JiDEqZNu7aO5G7GQOuAaaWthSdo3OIIIOCMEUVrxeGtZvvE39iQ6fMupSMxW2nHlN90tzvxj5RnmtbwRpEt5/aVxFF5slqiDyotMTUJjubBKwuwXAxyxzjjHWktSpLlbRyVST3E11L5tzNJNJtC75GLHAGAMnsAAPwr2GDStJtPEl5CukafPFPqFrEwltkYKslq8jhACQmWGflOB2NZf8AYovb8ajY2cCytpFnO9vZaNHeOXkyGZLclUA4+ZiDjIx1o/r71cX9fjY860zVrzRrhrjTZFhnZCgl8pWZM90LAlG/2lwR61TJJOTyTXpr6JcR/ETVE0TSobjT7eGG5uootMhuSd0atsjQrIELsxAC5AHPKrWVp9nqEy67Pa6BEfEK3MRGnHTlc28DbixS3ZSOD5YztJAPvmjzA4epJ7ia6l825mkmk2hd8jFjgDAGT2AAH4V6FqCWekWviC7ttN01r6FbESI9uk0drO6t5yopyo+bI24IB4xwMSR6Es3ifV7jT7WMeVa2kv2e10lL6QNLGrMY7diEC5JycfLkAYzRu7A9DzWivUtT8N6Pc6jrlvJFDZ2lpcWdzNPAiK0aSQNu24LAKZCnygkDPHaqyaWLDxFc6ZFoFxdXNrpttDJPZaXHffZ5iquzNCw2sW5XJII7E0f1+H9IP6/r8zzaiuhvvDepX/jq40PTxb3180rBRbolujYXcRt+VUIAOV7EEVY8I2TzWWsS2NjDqGsQRxi0tZIBOSC2JHWIghyBjqDgEntmhaoGctRXa6VZalJba1LDosc/iSKaEGyfTEZoYSG3stsU25z5YJ28Bu2c11emadpUWqPHJpOmyyz3trBeRNArrBI1tI00af3PnXov3SMDGKHor+n4h1t/Wh5ZbancQaTeaZEiNFevEzkglgUJ245/2j2NTQ+HNVuPEP8AYcNqG1IMUMAlThgMkbs4yAD37Y612N1aWkXiG01+W0t4rez0a31GaKGFY43nIxGoVQAN0hXPHQGsz4fW9/q/jBSdNGp28zk3rSWK3AUNk5JZTsJPcYo629fw0/QOl/Q5OK2nnMgghkl8pC8mxS2xR1Y46AetRV23gltT0zUtY0g2KJfyafMI7W6sI3maQKCEAkUscjJ2dD6GrPhrTmuZddfU9OkTXoTDstIdEineNDney2rbE/uZO3gNnHOQdfkHT5nAUV65pFppDaxdBdAjRZ9Tgt5bfUtPWOSLdbyNIFTLeWCy7gAeARjFUfskcmrpNa+HpJ5bzRrWYy6do8d0lrI3Jb7OQEO4KRk4I5Io/r8Lh/X42PNZ7ia6l825mkmk2hd8jFjgDAGT2AAH4VHWp4ms30/xLfWss1vO8cuC9vCsSHjONigBCOhUDggjtWXSWquAUUUUwJJ7ia6l825mkmk2hd8jFjgDAGT2AAH4VHRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAFzTNWvNGuGuNNkWGdkKCXylZkz3QsCUb/aXBHrVMkk5PJNFFABV3VtUm1i/+13KxpJ5UcWIwQMIgQdSecKKpUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBd1bVJtYv8A7XcrGknlRxYjBAwiBB1J5woqlRRQBdt9UnttHvdOjWMw3jxvIxB3ApnGOcfxHPFUqKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigC7q2qTaxf8A2u5WNJPKjixGCBhECDqTzhRVKiigAooooAknuJrqXzbmaSaTaF3yMWOAMAZPYAAfhV3RNZfQr/7bb2tvPcIP3Lz7z5LdnUKwBI/2sj2rOooAOvWiiigAooooAKu2+qT22j3unRrGYbx43kYg7gUzjHOP4jniqVFABRRRQBItxMlvJbpNIsMjKzxhiFcjOCR0JGTj6mhbiZLeS3SaRYZGVnjDEK5GcEjoSMnH1NR0UAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFfRf7KH+q8W/71l/7Xr50r6L/ZQ/1Xi3/esv8A2vQB9D0UUUAfDPiDwxdSazJHpD/2hDDYxXhlwIiIpMFSVZuvzrkAnk9+tVrbSvEkEeseHbTRri6k86MXiW8LTNC0ZbAymQM5PrnHFVdY1PUBdrm8lUtaR27eWdgaNMBFIXGQAi9fTPWtbQ5YL/wl4km12+uwJJ7VpLiOIXEjNmTqGdc/XdRpbTb/AIIa9dzk54JrW4kguYnhmiYpJHIpVkYdQQeQaWG3nuPM+zwyS+WhkfYpbYo6scdAPWu5mc+OLXXpdK02S6vYlsktlKCW5aKMGNnOBnJ+UtjgZHXGa07VpdM8YazpOlWliZZtFXyYEtIZvNm+zxsVXKndn5jtGQx5waOjDqeX1b0rSrzWtSi0/TIfPups7I9wXOASeSQOgNLqy3q6pONUtfsl2CPMg+zLb7Dgf8s1AC8Y7D1rofhxY3d/4qihh0tdQs2O2732K3CxqQcEllOzkdRg0LUHocvFbTzmQQQyS+UheTYpbYo6scdAPWoq7bwS2p6ZqWsaQbFEv5NPmEdrdWEbzNIFBCASKWORk7Oh9DVnw1pzXMuuvqenSJr0Jh2WkOiRTvGhzvZbVtif3MnbwGzjnIOvyDp8zgKK9c0i00htYugugRos+pwW8tvqWnrHJFut5GkCplvLBZdwAPAIxiuI8cRQrqOmzwW8FubvS7e4kS3iWNN7LyQqgAdKHp/XdXBa/wBedjAtLO5v7pLaxt5bm4k+5FChdm4zwByeKksNL1DVblrfS7G5vZlUs0VvC0jAA4yQoJxkiup+F39rP40sY9LiuXtTdRNemCIkBA2RvYDhc84JwSB6DEfh/wAIa1qOt31lcW+pWdrabZ7+KOBzLtzlFEeMs5z8uR6noDTtqLo/l+Jz1lomq6lcy2+naZeXc8H+tigt3do+cfMAMjnjmpIPDur3FxeW62MqT2KeZcxTYjaJcgchsHqw4966t5dS1XxD4kjvPCOsXBv3jea1tFaKa2AbchbMT9QO4GeTXOa9bjw7r99p+kahM9uQqOUk5IIDGNypwxVuD2yucCpT0VxtPWxnajp9zpWpT2F/F5VzbuY5U3BtrDqMgkH8KrVJcXE13cSXF1NJPNI255JGLMx9STyTUdCvbUPQKKKKYBRRRQAUUUUAFFFFABRRRQAUUUUASLcTJbyW6TSLDIys8YYhXIzgkdCRk4+pqOiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK+i/2UP8AVeLf96y/9r186V9F/sof6rxb/vWX/tegD6HooooA+Br3T7zU9XittNtJ7udosrFbxmRiATngc1l3VpcWN09te28ttPGcPFMhRlPoQeRXc2tvc6h4X1nT9FV5dTla3d7eLmSe3UyblVRy2GKEgegPasPSLDW4PGFpZHS4r7UkUqlhqIDLjYTtdWYYwOcEjGBSXYb6sxYLG4ubS5uYI98VqqtMdwyoZtoOM5IyQOOmRVetnwxqENh4gRb/AIsbpWtbsD/nm42k/wDAThh7qK0dC0/UtJ8S6jYSi0+zWytHqf23P2cwhhy2OeTtK7fmzjbzT6/1/XYT0OVorttIs9OnufEE3hKzbUp4RH/Ztte26zS7GbEjCLlXKjHUHAOcAjiKx0fUNX0zxFbyaOW1uOW2cW0Vkscsa7mD7Y1UbRyucAdiaQbHHVf0jRL7Xbo22mrDJMBkRyXMcRb2UOw3H2GTXcX1vZ6NceJJk0zTppbOwsDCHhSSOOR1jDOAPlbkk9wT1zVLweJ/EPxGsNQ0zRWhjh2fahaQkxo3lkFyFUKgYgnHAHSn6B6nC1YisLmfT7i9ij3W9syLK+4DaXzt46nOD0pt3Z3NhdPbX1vLbXEZw8UyFHXjPIPIrpvDV82neC/ENxHBbzuJbUKLmISqpJk+bY3yk/7wI9qOlwOXht57jzPs8MkvloZH2KW2KOrHHQD1oht57jzPs8MkvloZH2KW2KOrHHQD1r0qymks/GGt2GkWdn5l7pAmhthYwuXmaCNyiKyng5Y7BwfTpWb4UvNXh1zXLCfT7eLUrjT5dlpJpcKu0oUEIsZj4yoJ2AYPXBND0+6/5/5AtVfz/wAjg6K73Q7PVpLHxHKfDcV1rcMlsFtn0lWaDdvBIgCbRxjgrjocZwasxWkA8WanFZaFLdTfZIFmfTdMjvo7G4KqZQIG+TBYMvUbTnHTFHUDzmgAswCgkk4AHeurj07ULb4lPZWNpputXqSuFge3RIJfkJIMfyqpAzleMMMdqp+E4I49SuNXvI1a20mI3TIRw8mcRJ+LlfwBoVt2DvsjIvbC507UJbG7j2XML7HjDBtrenBIz7evFWh4d1h9Wn0u3064ub63z5sFshmZMYznZnoSAfQ8VoeGAJNYutd1IedFpqNeS7+kspOI1P1kZc+wNTeE9D1TxVqN4wkvTZRkXOoPbI0jv8xICov3nJzj05PABprpcH5f1/WhzMkbwytHKjJIjFWRhgqR1BHY1PYabfapc/Z9Ms7i8n2lvKt4mkbA6nABOK7i7vpx/wAJdrN/ocFvqH2q3MUOo2YdrcPv52uMElcZyCD1x0rV/s6wnh8RWVrY3M08osLttN0sBJLhDFuZVAB2oJHDEKpxxwOoS1VwejseWTQy207w3EbxSxsVeN1KspHBBB6Gr48Oay+pNp8Gm3NzdrEsxhtozMwRlDBsJnjDL+deg6vE2p6lqt1oumW19r0ENlDJbiEXYh+QiZtsm4OVYIhYgkc896sX9pLd6p4mtpbR9UDW2n+Zp+mACaRhEuJIyoICKc5wjD5l4HBAgPKLi2ntLmS3u4ZIJo2KvFKpVkPoQeQajr1LU9HstX1DWk1WSKOKyns5JbiOMJNbQmBk8ptxYgqwjVgS3ze9UbnRIJtTu/CK2Fsmprp9qYpFjUP9oRQ0gyBk7ld888lBR/X9egHndW9K0q81rUotP0yHz7qbOyPcFzgEnkkDoDXaosF/Nrs/hHSba8vLaaGC0gWySc/ZVDK0wiKkMzMqbmKkjd2zVzStJeX4mJbWOjW9zA8UX9qwR2KXENtKY8uoyrCP589CMHIHSj+v6/UDzMjBIPUUV2XhLw9fC51Xz7OVLuySNWtTpAvbkbz1FvIQuMdWI4yMdab4n8NS3/xJm0fw5ZxtNOkckcEZSNSxhEj4+Yqo+8cBsDoO1Adzj6K7TwLp9tc2OsP5ElxqkPlCCKHTo79xGWIkZYXYK3OwE87QffI0YrLSZfEGtf2lpE2n6AscRu5LmzFvPazkLgRr8xXc2f3YONpP90U+v9f1/wAEDzqivTbLSVfWPEbXGmRxanG0JsrbT9LivVFuSQXihcqsgIEfz4Jw2epJFVbG3l1jxDLoWiOdUhigNtpt7p6+YhbHnOtsSwPqF52hs44FIDzypIbee48z7PDJL5aGR9iltijqxx0A9a62x0fUNX0zxFbyaOW1uOW2cW0Vkscsa7mD7Y1UbRyucAdia37VpdM8YazpOlWliZZtFXyYEtIZvNm+zxsVXKndn5jtGQx5waOj/roHW39bnl9Fd/4a05rmXXX1PTpE16Ew7LSHRIp3jQ53stq2xP7mTt4DZxzkYuvQaI3i68W4j1LR7fapMH9nKJFl2jcPKMoCKTkgbjgEDGKAOaorsPB2kC8m1W408PdLahBEo0hL24dWbG4W7PsAwPmJLbcgA810l5o/2XUfFP8Awj2gW2oXcX2J4IlsFuBEZIyZGSMblAyenzKOMdBQB5tpWlXmtalFp+mQ+fdTZ2R7gucAk8kgdAaqEYJB6ivS9K0xrn4ni2sNGt7q2MUK6nFFYJPDBKYsyAfKRH8+RxjBBHauHsvDmr3+vrokFhKupsSBazAROMLuOd+McDPNAGZRXaeBdPtrmx1h/IkuNUh8oQRQ6dHfuIyxEjLC7BW52AnnaD75Fy80aHVv+Elt9C0O6W+RrSRLOWyEdxF1EpWMFiiliDgHABHYUMPU8/orq/E+n6Ta+L5bW+lksYEtLcj+z7aOYFzChPHmIuCSTuBOT9c0aJJa2HhrxDfWttbXjwTW6Ws19aI7IrGQFtjblBIHQ7h9cA0AcpRXpF1pgW81iXw7pNvd6ttspUtFsknEcUkIaV44SpX75UfdO0NxjNMuo7DS38R3cemafLeW1naM8LwrJFa3TsolCr93hifl+6DxggYoem/9f1+YLVXPPobee48z7PDJL5aGR9iltijqxx0A9akisLmfT7i9ij3W9syLK+4DaXzt46nOD0rt/C+vSahq+qx6VpdjBPdaU4S2Szhk86dUXOxSnAbazeWPl9jUFheX+meH/FE2o6bbxXyzWga3ubBEWJjvwfJ2hAcdiuOc4zzQ9P687AtUcPU1pZ3N/dJbWNvLc3En3IoULs3GeAOTxXR+JLPSI/F9wt5JNp9vJbwTBbG0SQB3iRmAQugUZYng8dMVe+Gq6ifHlrFoQvJ9P+2RG5kS3wTEGJUybd20dyN2MgdcA00tbCk7RucQQQcEYIorXi8NazfeJv7Eh0+ZdSkZittOPKb7pbnfjHyjPNa3gjSJbz+0riKLzZLVEHlRaYmoTHc2CVhdguBjljnHGOtJalSXK2jkqK9lg0rSbTxJeQrpGnzxT6haxMJbZGCrJavI4QAkJlhn5TgdjWX/AGKL2/Go2NnAsraRZzvb2WjR3jl5MhmS3JVAOPmYg4yMdaP6+9XF/X42PLqK9NfRLiP4iaomiaVDcafbww3N1FFpkNyTujVtkaFZAhdmIAXIA55VaytPs9QmXXZ7XQIj4hW5iI046crm3gbcWKW7KRwfLGdpIB980AcPRXo2oJZ6Ra+ILu203TWvoVsRIj26TR2s7q3nKinKj5sjbggHjHAxJHoSzeJ9XuNPtYx5VraS/Z7XSUvpA0sasxjt2IQLknJx8uQBjNHWwPQ81or1LU/Dej3Oo65byRQ2dpaXFnczTwIitGkkDbtuCwCmQp8oJAzx2qsmliw8RXOmRaBcXVza6bbQyT2Wlx332eYqrszQsNrFuVySCOxNH9fh/SD+v6/M82orob7w3qV/46uND08W99fNKwUW6Jbo2F3EbflVCADlexBFWPCNk81lrEtjYw6hrEEcYtLWSATkgtiR1iIIcgY6g4BJ7ZoWqBnLUV2ulWWpSW2tSw6LHP4kimhBsn0xGaGEht7LbFNuc+WCdvAbtnNdXpmnaVFqjxyaTpsss97awXkTQK6wSNbSNNGn9z516L90jAxih6K/p+Idbf1oePgFmAUEknAA71pw+HNVuPEP9hw2obUgxQwCVOGAyRuzjIAPftjrXY3VpaReIbTX5bS3it7PRrfUZooYVjjecjEahVAA3SFc8dAazPh9b3+r+MFJ00anbzOTetJYrcBQ2TkllOwk9xijrb1/yDpf0OTitp5zIIIZJfKQvJsUtsUdWOOgHrUVdt4JbU9M1LWNINiiX8mnzCO1urCN5mkCghAJFLHIydnQ+hqz4a05rmXXX1PTpE16Ew7LSHRIp3jQ53stq2xP7mTt4DZxzkHX5B0+ZwFFeuaRaaQ2sXQXQI0WfU4LeW31LT1jki3W8jSBUy3lgsu4AHgEYxVH7JHJq6TWvh6SeW80a1mMunaPHdJayNyW+zkBDuCkZOCOSKP6/C4f1+NjzGitTxNZvp/iW+tZZred45cF7eFYkPGcbFACEdCoHBBHasuktUDCiiimAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV9F/sof6rxb/vWX/tevnSvov9lD/VeLf96y/wDa9AH0PRRRQB8FTaReazq/2fT0jaRLcyuZJkiVUUklizkAAfWs230y7u9VXTbWNZrppDGqxyKyk+u8HbjvuzjHOcV1Ok/8hTVv+wHdf+gmszwYsf8AbErK7fa1tZ/s8ZT92/7l92585XA5GFOTx8vUJfpf8/8AIe9/X/L/ADKFv4f1G7uLyG0ijnayTzJzFcRuqruC5DBsNyw+6TUWsQahaatPa6yZDe27eTKJJPMKlRtC7snIAAHB7VXgu7m2WVba4lhWZdkgjcrvXIODjqMgH8K67w5Y23iTRdTm1yY5t7yGe5vmIMwRkkU/O2SQX8v15NOz6COMqxFYXM+n3F7FHut7ZkWV9wG0vnbx1OcHpXpcGhWVreajZJZFtY06yso/KttMivnJK5mcQuyq5yUBY5IB/ERwxS+X4rXw34euHn32Z+wXWmZaJyH3t9nywAySQDkAMOOBQB5hVvStKvNa1KLT9Mh8+6mzsj3Bc4BJ5JA6A13cNpAPFOox2WhS3U5s4FnfTtMjvksbkqplHkN+75YMvUbTnHTFR+HdFvv+Fn3Nh9htdXtlm2XjxaZG8SKVJHy7MQnPBAxggjPFAdDgoraecyCCGSXykLybFLbFHVjjoB61FXbeCW1PTNS1jSDYol/Jp8wjtbqwjeZpAoIQCRSxyMnZ0Poas+GtOa5l119T06RNehMOy0h0SKd40Od7LatsT+5k7eA2cc5B1+QdPmcbp2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSo9R0+50rUp7C/i8q5t3Mcqbg21h1GQSD+Fa/ie4Wz8S3yaRDfaVFMiLPayxG2bdhWYGMMdqlhuC5IHHoKi8PPqeo+LoJLa0h1rUJmdvJ1DEiTHacl9xGeMnk9RRvsG24mjJqt7o2q6fpltHNA6xXFyxYBkVGwpGSO74PBrO1HT7nStSnsL+Lyrm3cxypuDbWHUZBIP4UyK7ubXzlt55IBKNkqxuVDjIODjqMgHHsK63w5Y23iTRdTm1yY5t7yGe5vmIMwRkkU/O2SQX8v15NFr6r+v6QbbnGVItxMlvJbpNIsMjKzxhiFcjOCR0JGTj6mvS7nw1pslvdaZqEMNl/ZC2JvbmFEWRd0L7/mxzmQxg5zzRc+GtNkt7rTNQhhsv7IWxN7cwoiyLuhff82OcyGMHOeaPT/h13D+v+AeaLcTJbyW6TSLDIys8YYhXIzgkdCRk4+pqOut1zwzd3PjCz8N6RZRtqEVnDHJEhRN8oi3uSTgZ5PJPap/Aun21zY6w/kSXGqQ+UIIodOjv3EZYiRlhdgrc7ATztB98gWoPQ4uivRYrLSZfEGtf2lpE2n6AscRu5LmzFvPazkLgRr8xXc2f3YONpP8AdFLa6HeTeJ9dnfTreB7cR+Ta2GkpfkxMcI0ULFUZNoBMhBPI7saAPOaK9lg0rSbTxJeQrpGnzxT6haxMJbZGCrJavI4QAkJlhn5TgdjVCaweTTbu+0Xw7Z3uoy6dp8yxRaasoiZxIHdYgu3sOoI7kZxQ9r+n4q4f1+NjzjSNEvtdujbaasMkwGRHJcxxFvZQ7DcfYZNUK9I0nSZJvi5atpOnlltxE1+LKHMNvMYf3g+XhRv3DHQEEdqoeD9EEcOtRXthdDWrbyRFa/2Ul5MiEnewt5WUH+DJIJAbOOcgA4aiun1fRZNb8eSaZ4c0q5t7icAiyuYVtWVxHuf5CxCA4ZgM8AgDtTvCNk81lrEtjYw6hrEEcYtLWSATkgtiR1iIIcgY6g4BJ7ZoQM5aiu10qy1KS21qWHRY5/EkU0INk+mIzQwkNvZbYptznywTt4Dds5rq9M07SotUeOTSdNllnvbWC8iaBXWCRraRpo0/ufOvRfukYGMUPRX9PxDrb+tDx8AswCgkk4AHerlzpF/a39zZy2zm4tATcJH8/lAdSxXIGM8+neu4urS0i8Q2mvy2lvFb2ejW+ozRQwrHG85GI1CqABukK546A1neBNTvpL/WbeBLe5vL2wneNJbSKaSaXAbaNyknOCdnQ+ho7+V/w/4YO3y/H/hzjKK7/wANac1zLrr6np0ia9CYdlpDokU7xoc72W1bYn9zJ28Bs45yJLa2t38XawuneGNU+aGMY/sRJ3spDtLE2rkoFfDYBYbQeKOoHAQ289x5n2eGSXy0Mj7FLbFHVjjoB61Z07R77VluTp8Hmi1j82b51Xau4LnkjPLDpXb6I19pni3xHo9v/Z97dSWc4hEWnQnzZAoIRUKcHGcxjjIIwcVxl/c6tZ6ldpdrLp1zKAlxbxwi144IUxqFAHAOMe9F1dega2fqV9R0+50rUp7C/i8q5t3Mcqbg21h1GQSD+FSado99qy3J0+DzRax+bN86rtXcFzyRnlh0p9jZan4n1xLa233uo3bEgyzANI2CTlnI54PU1WjuLqyM0UM00BkHlyqjldwBztbHUZAOPUULzB+Q7UdPudK1Kewv4vKubdzHKm4NtYdRkEg/hVyaXUNDsr3RbqCOMXnkTSZO5gAu9MEHHIfJ/pW14bhvdT03WL+ytRrGvebDtW4hF0yxsW8yXY4YMchASQcBs8da6y60+C68S687w/adWhtrEQx2mmxX+EMKiRo4GYIwztGQDtB4HOQWdrMOuh5JRXodtbW7+LtYXTvDGqfNDGMf2Ik72Uh2libVyUCvhsAsNoPFQ2ujy2+reJUtILLV9atfLFrDHZIysGb94y2+3buUYBXadpLemaAOCq3pWlXmtalFp+mQ+fdTZ2R7gucAk8kgdAa6fS2lsrPxRe6vo9odRtY4dkN1YoiwO0gXIi2hRwemMHuDVrwg0viPxzFJZeHbdrOREjvo0sEmiUhMF8bMRbmGflx6UdAODIwSD1FSQ289x5n2eGSXy0Mj7FLbFHVjjoB612fhjSdSttG8QJF4d+2axavbrHBc6f58kG7fuby2U9sdQR0OOla9jcm18W61p2kWtgbq40klraOzhlBuxEhkjjBU8bg/7scZBGOBR/l+lw6nnmlaVea1qUWn6ZD591NnZHuC5wCTySB0BqoRgkHqK7rwbp+sXvj4wX+grIGYLfwPpEe2EFTtynl4izgcgLmqugaRf22m6slpoxufENvLCv2O5shNJFCQxdxC6nJz5YJ2nAbtnNAHH1d07R77VluTp8Hmi1j82b51Xau4LnkjPLDpXc6glnpFr4gu7bTdNa+hWxEiPbpNHazurecqKcqPmyNuCAeMcDHOeLXbTfE10mmsbOK6toHlitj5aNviSQjauBt3HOOg49KNLg79DF1HT7nStSnsL+Lyrm3cxypuDbWHUZBIP4VJp2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSr3h59T1HxdBJbWkOtahMzt5OoYkSY7TkvuIzxk8nqKyoru5tfOW3nkgEo2SrG5UOMg4OOoyAcewoXmD8ie80fUNPvLy1urWRZbFttyFG8RHO3llyMZIGc96pV1vhqLUdc0nxSsMd1qN9PaRMQqtLLIftEZJ7k+tSaDo+oWum6slrorXHiG3lhAs7mxE0kUDBi7iF1OTnywTtOA3bOaFe2ob7HHUV6LdR2Glv4ju49M0+W8trO0Z4XhWSK1unZRKFX7vDE/L90HjBAxTPDh07X/7WvrbSxFqaRWyx21npsV7kYxLKluxVOWC5wDtDceoAPPaK9c0i00htYugugRos+pwW8tvqWnrHJFut5GkCplvLBZdwAPAIxiuI8cRQrqOmzwW8FubvS7e4kS3iWNN7LyQqgAdKHp/XdXBa/152MXStKvNa1KLT9Mh8+6mzsj3Bc4BJ5JA6A1UIwSD1Fdb8OLG7v8AxVFDDpa6hZsdt3vsVuFjUg4JLKdnI6jBq14Y0nUrbRvECReHftmsWr26xwXOn+fJBu37m8tlPbHUEdDjpQBxFFejRWkA8WanFZaFLdTfZIFmfTdMjvo7G4KqZQIG+TBYMvUbTnHTFU38OT3K+KdOtbeDVNUgnt2j+xWqqwTLB9sagbMblDKBweD0zQBwtFexWGl6ba6zJbyaRpk6yXVlbuHgSRQrWbM+0jgZZc7h9Qe9cF44ihXUdNngt4Lc3el29xIlvEsab2XkhVAA6UPT+vK4LVfj+NjmqsX1hc6ZdfZr2PypdiPt3A/KyhlOR6gg10fhOxmuNF1S40jT4tR1eKSFYoZLZbjy4mLb5BGwKnkICSDtDZ4610+t2dzLrGtS6Xp9tqeuRR2KiFLWO5CwmAeY8cW0qw3BBkKcA8YzTBanAaNpuqa0ZdP0p1bzMO9u92kIlK5xhXYbyMngZIyazK9J0rRpX+LVm2l6cx8hYn1BLOItFaztF+8X5chRvyMdAcgdKxtA0i/ttN1ZLTRjc+IbeWFfsdzZCaSKEhi7iF1OTnywTtOA3bOaX9foBx9Fei3Udhpb+I7uPTNPlvLaztGeF4Vkitbp2UShV+7wxPy/dB4wQMVxGsahDqmofaoLGKy3RoJI4QAjOFAZwoAC7iM7QMDNAFGrelaVea1qUWn6ZD591NnZHuC5wCTySB0Bre8EQtNNfiPRrvUHMKqlxa6at+bU7gcmF/lO4AjJII7Vs+HdFvv+Fn3Nh9htdXtlm2XjxaZG8SKVJHy7MQnPBAxggjPFAdDgoraecyCCGSXykLybFLbFHVjjoB61FXbeCW1PTNS1jSDYol/Jp8wjtbqwjeZpAoIQCRSxyMnZ0Poa5XVlvV1Scapa/ZLsEeZB9mW32HA/5ZqAF4x2HrR1+QdCnRXWeB9Kkvl1G5gj857ZEAii0xNQmO5sZWF2C4GOWOccY613MGlaTaeJLyFdI0+eKfULWJhLbIwVZLV5HCAEhMsM/KcDsaHor/1v/wAEFq7HjVSQ289x5n2eGSXy0Mj7FLbFHVjjoB616oml6fdGW8t7Bf7Um0uxnS3sdIhusB93mulsxVDyEBODjOe+RR0y78jxfr9homl/ZpLnTpDHY3ulxLMZ9illWNg5CnDMI8kYxwcCh6XXa/4B2+X4nmtFbH9j61rXin+zP7PEWqzNj7IYUtMELnGzCqvAzjAz+NZDo0bsjjaynBB7GgBKK6nwfZtcWGrzafZQ6hq8Mcf2S1kgE5KlsSOsRBDkDHBBwCTjjNXNKstSkttalh0WOfxJFNCDZPpiM0MJDb2W2Kbc58sE7eA3bOaAOKor0bUEs9ItfEF3babprX0K2IkR7dJo7Wd1bzlRTlR82RtwQDxjgYVLGNPF+qLZaBcXPnWdtIsljpSXq2jvGjsfIYbMN8w7Y7elC1dgZ5xRXo+k6JBHq3iSKTZf6tayRCEWOkRXX7sk7ytqxVAR8isMHYSfrUa2NvLrHiGXQtEc6pDFAbbTb3T18xC2POdbYlgfULztDZxwKAOAht57jzPs8MkvloZH2KW2KOrHHQD1qOu78JXmrQ63rlhLYW8epXFhNttJNLhV2lCghFjKcZAJ2AYPoak8Nac1zLrr6np0ia9CYdlpDokU7xoc72W1bYn9zJ28Bs45yD/K4dPmcJDbz3HmfZ4ZJfLQyPsUtsUdWOOgHrUdelaZd+R4v1+w0TS/s0lzp0hjsb3S4lmM+xSyrGwchThmEeSMY4OBWPZaNqOr6b4it5dHLa5HJbOLWKxWKWNckMVjVRtHKZwB1BNHp2/UOmpxtFej31vZ6NceJJk0zTppbOwsDCHhSSOOR1jDOAPlbkk9wT1zXDaxqEOqah9qgsYrLdGgkjhACM4UBnCgALuIztAwM0AUaK6zwPpUl8uo3MEfnPbIgEUWmJqEx3NjKwuwXAxyxzjjHWui1LREg1rxAfDWlW95qUZtDFbC1jmWKOSPdLIsR3pjdtHGQobg45pgcLD4b1a412LR4bXdfzIrpD5iDIKbwd2cfd56/rWWRgkHqK9VSwvr74vNANMh1G2MFsl6VsY7iJB9nXkHaQgJHBXHtWD4Y0nUrbRvECReHftmsWr26xwXOn+fJBu37m8tlPbHUEdDjpSA5PStKvNa1KLT9Mh8+6mzsj3Bc4BJ5JA6A1UIwSD1Fel6VpjXPxPFtYaNb3VsYoV1OKKwSeGCUxZkA+UiP58jjGCCO1YfhPTbu11HUrS78PajNdpEqbk0kXj2bFg2WgkG07gCMnBHUULUDkKt6VpV5rWpRafpkPn3U2dke4LnAJPJIHQGuytdHlt9W8SpaQWWr61a+WLWGOyRlYM37xlt9u3cowCu07SW9M1H4M0/V73x60F7oSyqz7b+F9JjKwAqcZTZiLOOoC0AcMRgkHqKK67R4ZdD8O+IJr3SoBqNrLbIi6hZh2g378nY4xkjHBBHQ44BrpLbQYrnWdebS7SzS9+z2UkCvpzXUcZljDyYhSN8A+uwhc44yKFqwZ5bRW/43kjk8YXwgsRYRRsqLB9jFtjCjnywBjJyRkZwRmtTwJYWt3p+ryCGS41OIQ/Z44dNjv3EZJ3ssDsFbnYCedoPvkC1VwehzekaJfa7dG201YZJgMiOS5jiLeyh2G4+wyaj0rSrzWtSi0/TIfPups7I9wXOASeSQOgNd1oumPdfF6KTRdF1C3t4JFa5hksjEbdjHyWQFhGpbJAJ4BwKzvAWi6p/wmi2FzobzxqwS+iudOEphUqSN29SY8+vBoBnIRW085kEEMkvlIXk2KW2KOrHHQD1qxp2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSup8EtqemalrGkGxRL+TT5hHa3VhG8zSBQQgEiljkZOzofQ1zV/c6tZ6ldpdrLp1zKAlxbxwi144IUxqFAHAOMe9Gl/kGtvmV9R0+50rUp7C/i8q5t3Mcqbg21h1GQSD+FSado99qy3J0+DzRax+bN86rtXcFzyRnlh0p9jZan4n1xLa233uo3bEgyzANI2CTlnI54PU1WjuLqyM0UM00BkHlyqjldwBztbHUZAOPUULzB+Rdj8NatL4kbQI7TOprI0Zg8xOGUEkbs7egPessjBIPUV2Xw/h1LWvGStLYtq0Mz/wCnSXFmLrAIOCzMrFSSOuQT60nh7RdQg0/WFttHNxr9tJAi2l1ZiV4Ym3F38qQEHnYMlTgNnjOaNbahoYa+GNXe4uYFtMy2sCXMy+anyxvt2t15zvXgc81T1HT7nStSnsL+Lyrm3cxypuDbWHUZBIP4V0nj66u7TxneJHceU0trbJN9mcKkg8mM4+T5SuQCAOOBis3w8+p6j4ugktrSHWtQmZ28nUMSJMdpyX3EZ4yeT1FHoGy1KOnaPfastydPg80WsfmzfOq7V3Bc8kZ5YdKdNoepw65Jo5spZNRikMbW0K+a24dQNuc9O1Voru5tfOW3nkgEo2SrG5UOMg4OOoyAcewrsvhtca7fePLWS2N7dRy3cUmoTIrSEqGyDI/J2555OCQCegp7tWFJ8qbORsNL1DVblrfS7G5vZlUs0VvC0jAA4yQoJxkipLLQ9W1K4mg07S727mgOJY4Ld3aPnHzADjkHrXQ+H/CGtajrd9ZXFvqVna2m2e/ijgcy7c5RRHjLOc/Lkep6A0t5Zajr3jrU7u98K6xOWk8yWxtEaOWHd9zeTG+MgdwM9c0lq0VJWb8jnrLQ9R1B7tLW1Zns033CswQxjcF5DEc5IGOtQ6jp9zpWpT2F/F5VzbuY5U3BtrDqMgkH8K3PGV7cweNNXMF+x+0MPO8h9oIIVvLbBIbaQAeTkrnrWVY2Wp+J9cS2tt97qN2xIMswDSNgk5ZyOeD1NJXaQnpe4zTtHvtWW5OnweaLWPzZvnVdq7gueSM8sOlR6jp9zpWpT2F/F5VzbuY5U3BtrDqMgkH8KbHcXVkZooZpoDIPLlVHK7gDna2OoyAceorsPBkEerW+tXlz9ov9ZBiaPFgmoylGY+Y4ikYBznYCxyQD75D32Dbc4iivXNItNIbWLoLoEaLPqcFvLb6lp6xyRbreRpAqZbywWXcADwCMYqp/Yovb8ajY2cCytpFnO9vZaNHeOXkyGZLclUA4+ZiDjIx1o/r71cP6/Gx5zpWlXmtalFp+mQ+fdTZ2R7gucAk8kgdAal0nQ77XLtrbTVhedRkRyXMcRb2Xew3H2GTXoNtojf8AC3prPTNGhutOdYmukGnpNHGHhDEjhxGCxONpx2BxXP8AgLQtXX4g2kbaXeh7OXNypt3zBlTjeMfLn3o3B6HN6do99qy3J0+DzRax+bN86rtXcFzyRnlh0qPUdPudK1Kewv4vKubdzHKm4NtYdRkEg/hTpBqWjXFxaSi6sJmUJPC26JiOGAZeDjocH2NaHh59T1HxdBJbWkOtahMzt5OoYkSY7TkvuIzxk8nqKPQNr3KOnaPfastydPg80WsfmzfOq7V3Bc8kZ5YdKLvR9QstRu7C4tJPtNlu+0Ig3+WF+8SVyMD16VBFd3Nr5y288kAlGyVY3KhxkHBx1GQDj2Fdd4G1bUZ9Q1mFPKvb29sJ2j+0W0dxLPKADtBdSzZAPy9DjoaOl12YbOz7nF0V3/hrTmuZddfU9OkTXoTDstIdEineNDney2rbE/uZO3gNnHORJbW1u/i7WF07wxqnzQxjH9iJO9lIdpYm1clAr4bALDaDxR1A4CG3nuPM+zwyS+WhkfYpbYo6scdAPWrGm6TeavO8VjGreWhkkeSVY4419WdyFUZIHJHJAruNEa+0zxb4j0e3/s+9upLOcQiLToT5sgUEIqFODjOYxxkEYOKn0HSbi90q8j1bSWa7e5d59PEBtQ5jWFUDJGEKqoneQgFfu5Pemtdu1/xD/P8AQ88v9PudMvXtL6Py5kwSAwYEEZBDAkEEEEEEgg1Xr2K90rS/7Qv7ays5m1HT7eOK3tY9OW/lihM8p4hlYBiEMXJyQG98jCistJl8Qa1/aWkTafoCxxG7kubMW89rOQuBGvzFdzZ/dg42k/3RSWv9f1/w+gPQ86or0a10O8m8T67O+nW8D24j8m1sNJS/JiY4RooWKoybQCZCCeR3Y1vwaVpNp4kvIV0jT54p9QtYmEtsjBVktXkcIASEywz8pwOxo6X/AK3sHW39bXPGqv6Rol9rt0bbTVhkmAyI5LmOIt7KHYbj7DJr0eaweTTbu+0Xw7Z3uoy6dp8yxRaasoiZxIHdYgu3sOoI7kZxVHSdJkm+Llq2k6eWW3ETX4socw28xh/eD5eFG/cMdAQR2o6tB0ueb0V3Pg/RBHDrUV7YXQ1q28kRWv8AZSXkyISd7C3lZQf4MkgkBs45yM3V9Fk1vx5JpnhzSrm3uJwCLK5hW1ZXEe5/kLEIDhmAzwCAO1AHMUV1PhGyeay1iWxsYdQ1iCOMWlrJAJyQWxI6xEEOQMdQcAk9s1c0qy1KS21qWHRY5/EkU0INk+mIzQwkNvZbYptznywTt4Dds5oA4qrunaPfastydPg80WsfmzfOq7V3Bc8kZ5YdK9T0zTtKi1R45NJ02WWe9tYLyJoFdYJGtpGmjT+5869F+6RgYxXFeMZmtL+xm08LY/2hpNvLcx2aiGNyRk/KuBjKg49RmjZ6+n4XDVrT1/Gxzuo6fc6VqU9hfxeVc27mOVNwbaw6jIJB/CpNO0e+1Zbk6fB5otY/Nm+dV2ruC55Izyw6U+xstT8T64ltbb73UbtiQZZgGkbBJyzkc8HqarR3F1ZGaKGaaAyDy5VRyu4A52tjqMgHHqKF5g/IdqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwqtXWaJfMvhvxDq9zBb3+oLNbbLi/hW4ZS5fc3z5BJx3yPxAxvR6Es3ifV7jT7WMeVa2kv2e10lL6QNLGrMY7diEC5JycfLkAYzQk9gdjzWivZYNK0m08SXkK6Rp88U+oWsTCW2RgqyWryOEAJCZYZ+U4HY1STS9PujLeW9gv9qTaXYzpb2OkQ3WA+7zXS2Yqh5CAnBxnPfIP+B+KuH9fjY8007R77VluTp8Hmi1j82b51Xau4LnkjPLDpUeo6fc6VqU9hfxeVc27mOVNwbaw6jIJB/CtfxPcLZ+Jb5NIhvtKimRFntZYjbNuwrMDGGO1Sw3BckDj0FReHn1PUfF0EltaQ61qEzO3k6hiRJjtOS+4jPGTyeoo32Dbco6do99qy3J0+DzRax+bN86rtXcFzyRnlh0qPUdPudK1Kewv4vKubdzHKm4NtYdRkEg/hTIru5tfOW3nkgEo2SrG5UOMg4OOoyAcewrp/CDXGo3+pTT6Zf6tdTRj/TItPXUXgYsCWaKT5W3AEZJBHUU99g23OSorun8OT3K+KdOtbeDVNUgnt2j+xWqqwTLB9sagbMblDKBweD0zWvLpL20viBdE0C01C+t4dOEMcdkt0Iy0PzuqgFTk8k4IPXng0ulw62PLqK9OOn/ADeIn0LQbTUNThSyDQRWK3K28zI3n7IwCAA2RjBAI6cDENzp6fadYfw5pVpea5ELQS2kVolwsO6P/SDHCQy8SbVPB25IGKAPN6kht57jzPs8MkvloZH2KW2KOrHHQD1r0G6jsNLfxHdx6Zp8t5bWdozwvCskVrdOyiUKv3eGJ+X7oPGCBiofC+vSahq+qx6VpdjBPdaU4S2Szhk86dUXOxSnAbazeWPl9jR0fzDr9xwFFXNWW9XVJxqlr9kuwR5kH2ZbfYcD/lmoAXjHYetdR4C0k6lYay9pFbvqESwrbtcWLXioGYl/3SxydlxuKkDpkbqFqD0OLor0a+uLSDUPF18mh2kb2UdulrBdacsQhYuql/KwMZyWAYcgjcD0qlp0v9tWWp6h4f0G1k1lfsyfZEtEuAI9pEsqQFSvLhM4U7d3HXNC1Vw62OGor0TUNAjv49etNI0yKbVkjsZZbWziDtBIQROqBc4AcgEDgdOgq7LpL20viBdE0C01C+t4dOEMcdkt0Iy0PzuqgFTk8k4IPXng0dwPO9O0e+1Zbk6fB5otY/Nm+dV2ruC55Izyw6VHqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwra8WTf2f4kuYtMdbQy28K3sNm2yITbFaRAF4wJAfl6Aj2rMsbLU/E+uJbW2+91G7YkGWYBpGwScs5HPB6mjfYNtxmnaPfastydPg80WsfmzfOq7V3Bc8kZ5YdKj1HT7nStSnsL+Lyrm3cxypuDbWHUZBIP4U2O4urIzRQzTQGQeXKqOV3AHO1sdRkA49RXXeFVv9R0TxBfW2ljXNWEluUee0+2SLuLhn2kHJ+oI6ccCjzQbbnJRWFzPp9xexR7re2ZFlfcBtL528dTnB6VXr0m9uYNIsPE0llZ2BmX+zxNCYVkghuCjebtTleG3DaQQDnjgYS60wLeaxL4d0m3u9W22UqWi2STiOKSENK8cJUr98qPunaG4xmjv/AF/X+QHm9FejaglnpFr4gu7bTdNa+hWxEiPbpNHazurecqKcqPmyNuCAeMcDFuDSNOfWNce0sy2oCCymgt7XS4rwoskYaVkt3ZVI3Fex2huB3AB53p2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSo9R0+50rUp7C/i8q5t3Mcqbg21h1GQSD+Fa/ie4Wz8S3yaRDfaVFMiLPayxG2bdhWYGMMdqlhuC5IHHoKi8PPqeo+LoJLa0h1rUJmdvJ1DEiTHacl9xGeMnk9RRvsG25lWlnc390ltY28tzcSfcihQuzcZ4A5PFfQv7KIIj8XAjBDWX/tevKPhf/a7eNrOPTIrlrY3UTXpt4iQqBsjewHC55wTgkD0Few/sxWV1p954ztr+2mtZ1eyLRTxlGGRORkHnoc0B38j32iiigD4ZsJdUi8QSDR9IOryS2TxTWohkkzExIYkRkMOo5z3qjocOtDxE93oWhzXE9q7eZZw20sqxq2VKMOWAwSvJz75rttb+G9/aeOrrRre9vLrTrO2iub2a0t23OMkqqxqW3OTkL6cngA1zd5Zajr3jrU7u98K6xOWk8yWxtEaOWHd9zeTG+MgdwM9c0JapPsD62OamhmvNWaC208wzyS7EsoFdirZxsAYsxOexJNSWmhavf3c1rY6Ve3NxbnE0MNu7vGc4+ZQMjnjmu+aewtvG2tXkuuWMWrTzpFbmWOVhCrqPMwY1cFwD5eSf7xzmqt9bSP4v8WWFtpF94gguromY6UXRoCJSwBLQtzkEHjHHBNC2Xn/AMAO/wDXc4628O6rdahPYR2bJewIWe1nZYpeBkgI5BZsc7QCfas2uwsNNTRfixY2WjTLeCG7i8vzZAMEgEozqGGVJKkgHkHjtWJDo7az4kGmeG/NvGmciAXASFnwMkHLlR0P8XP44oWqQdyjY2NzqV9DZ2MRlnmbaiAgZPuTwB3JPAHJq3b+H9Ru7i8htIo52sk8ycxXEbqq7guQwbDcsPuk1oeD41TW5wWZb2O2uBDEyfu2PkuG3PnK4GSMKcnj5eowoLu5tllW2uJYVmXZII3K71yDg46jIB/CjS4NMk1HT7nStSnsL+Lyrm3cxypuDbWHUZBIP4VWrs/DljbeJNF1ObXJjm3vIZ7m+YgzBGSRT87ZJBfy/Xk10EGhWVreajZJZFtY06yso/KttMivnJK5mcQuyq5yUBY5IB/EFmtw32PNIrC5n0+4vYo91vbMiyvuA2l87eOpzg9Kr16fDFL5fitfDfh64effZn7BdaZlonIfe32fLADJJAOQAw44FVobSAeKdRjstClupzZwLO+naZHfJY3JVTKPIb93ywZeo2nOOmKOv9dgOE0rSrzWtSi0/TIfPups7I9wXOASeSQOgNQxW085kEEMkvlIXk2KW2KOrHHQD1rvfDui33/Cz7mw+w2ur2yzbLx4tMjeJFKkj5dmITnggYwQRniqfgltT0zUtY0g2KJfyafMI7W6sI3maQKCEAkUscjJ2dD6GjpfyDrbzOJq7p2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSuy8Nac1zLrr6np0ia9CYdlpDokU7xoc72W1bYn9zJ28Bs45yMDxPcLZ+Jb5NIhvtKimRFntZYjbNuwrMDGGO1Sw3BckDj0FHXUNehkajp9zpWpT2F/F5VzbuY5U3BtrDqMgkH8Kk07R77VluTp8Hmi1j82b51Xau4LnkjPLDpV7w8+p6j4ugktrSHWtQmZ28nUMSJMdpyX3EZ4yeT1FZUV3c2vnLbzyQCUbJVjcqHGQcHHUZAOPYULzB+Q/UdPudK1Kewv4vKubdzHKm4NtYdRkEg/hVauz8OWNt4k0XU5tcmObe8hnub5iDMEZJFPztkkF/L9eTW5c+GtNkt7rTNQhhsv7IWxN7cwoiyLuhff82OcyGMHOeaLNLz/AK/INGeYVdt9UnttHvdOjWMw3jxvIxB3ApnGOcfxHPFehXPhrTZLe60zUIYbL+yFsTe3MKIsi7oX3/NjnMhjBznmud1zwzd3PjCz8N6RZRtqEVnDHJEhRN8oi3uSTgZ5PJPah9v6tvcfqclRXaeBdPtrmx1h/IkuNUh8oQRQ6dHfuIyxEjLC7BW52AnnaD75GjFZaTL4g1r+0tIm0/QFjiN3Jc2Yt57WchcCNfmK7mz+7BxtJ/uin1/r+v8AgiPOqK9GtdDvJvE+uzvp1vA9uI/JtbDSUvyYmOEaKFiqMm0AmQgnkd2Nb8GlaTaeJLyFdI0+eKfULWJhLbIwVZLV5HCAEhMsM/KcDsaXS/8AW9g62/ra541V/SNEvtdujbaasMkwGRHJcxxFvZQ7DcfYZNejzWDyabd32i+HbO91GXTtPmWKLTVlETOJA7rEF29h1BHcjOKo6TpMk3xctW0nTyy24ia/FlDmG3mMP7wfLwo37hjoCCO1HVoOlzztbiZLeS3SaRYZGVnjDEK5GcEjoSMnH1NR13Pg/RBHDrUV7YXQ1q28kRWv9lJeTIhJ3sLeVlB/gySCQGzjnIzdX0WTW/HkmmeHNKube4nAIsrmFbVlcR7n+QsQgOGYDPAIA7UdQOYorqfCNk81lrEtjYw6hrEEcYtLWSATkgtiR1iIIcgY6g4BJ7Zq5pVlqUltrUsOixz+JIpoQbJ9MRmhhIbey2xTbnPlgnbwG7ZzQBxVABZgFBJJwAO9ewaZp2lRao8cmk6bLLPe2sF5E0CusEjW0jTRp/c+dei/dIwMYrDurS0i8Q2mvy2lvFb2ejW+ozRQwrHG85GI1CqABukK546A0bPX+tLhutP61scpaf234c1e7js4jFf2sbCZkiSZ7cD7zBsHYRnG4EEeorGJJOTyTXZ+BNTvpL/WbeBLe5vL2wneNJbSKaSaXAbaNyknOCdnQ+hq54a05rmXXX1PTpE16Ew7LSHRIp3jQ53stq2xP7mTt4DZxzkGv4B0fqcBUkNvPceZ9nhkl8tDI+xS2xR1Y46Aetd/bW1u/i7WF07wxqnzQxjH9iJO9lIdpYm1clAr4bALDaDxS6I19pni3xHo9v8A2fe3UlnOIRFp0J82QKCEVCnBxnMY4yCMHFHT5Nh/mjhdP0u/1a4MGlWNzezKu8x20LSMF6ZwoJxyPzqWy0PUdQe7S1tWZ7NN9wrMEMY3BeQxHOSBjrXRaF4b13X9ev4r22vLKG22TalDaWRjYAfcVYEUDef4RgdyeMms3xPqeqN4r1W4ngutJlvJMy2rhom2EhlDg4J6Keep5o7XDXWxk6jp9zpWpT2F/F5VzbuY5U3BtrDqMgkH8Kk07R77VluTp8Hmi1j82b51Xau4LnkjPLDpT7Gy1PxPriW1tvvdRu2JBlmAaRsEnLORzwepqtHcXVkZooZpoDIPLlVHK7gDna2OoyAceooXmD8i/cSahoMOqeH7yCON5JkFypO5kaMtgAg4/iOetUb6wudMuvs17H5UuxH27gflZQynI9QQa6fw3De6npusX9lajWNe82HatxCLpljYt5kuxwwY5CAkg4DZ4611l1p8F14l153h+06tDbWIhjtNNiv8IYVEjRwMwRhnaMgHaDwOcgs+odTySivQ7a2t38XawuneGNU+aGMY/sRJ3spDtLE2rkoFfDYBYbQeKhtdHlt9W8SpaQWWr61a+WLWGOyRlYM37xlt9u3cowCu07SW9M0AcFVvStKvNa1KLT9Mh8+6mzsj3Bc4BJ5JA6A10+ltLZWfii91fR7Q6jaxw7IbqxRFgdpAuRFtCjg9MYPcGrXhBpfEfjmKSy8O27WciJHfRpYJNEpCYL42Yi3MM/Lj0o6AcGRgkHqKkht57jzPs8MkvloZH2KW2KOrHHQD1rs/DGk6lbaN4gSLw79s1i1e3WOC50/z5IN2/c3lsp7Y6gjocdK17G5Nr4t1rTtItbA3VxpJLW0dnDKDdiJDJHGCp43B/wB2OMgjHAo/y/S4dTzzStKvNa1KLT9Mh8+6mzsj3Bc4BJ5JA6A1UIwSD1Fd14N0/WL3x8YL/QVkDMFv4H0iPbCCp25Ty8RZwOQFzVXQNIv7bTdWS00Y3PiG3lhX7Hc2QmkihIYu4hdTk58sE7TgN2zmgDj6u6do99qy3J0+DzRax+bN86rtXcFzyRnlh0rudQSz0i18QXdtpumtfQrYiRHt0mjtZ3VvOVFOVHzZG3BAPGOBjnPFrtpvia6TTWNnFdW0DyxWx8tG3xJIRtXA27jnHQcelGlwd+hi6jp9zpWpT2F/F5VzbuY5U3BtrDqMgkH8Kk07R77VluTp8Hmi1j82b51Xau4LnkjPLDpV7w8+p6j4ugktrSHWtQmZ28nUMSJMdpyX3EZ4yeT1FZUV3c2vnLbzyQCUbJVjcqHGQcHHUZAOPYULzB+Q/UdPudK1Kewv4vKubdzHKm4NtYdRkEg/hUlvqk9to97p0axmG8eN5GIO4FM4xzj+I54roPCDXGo3+pTT6Zf6tdTRj/TItPXUXgYsCWaKT5W3AEZJBHUVtaTokEereJIpNl/q1rJEIRY6RFdfuyTvK2rFUBHyKwwdhJ+tFnbUNOh5xVi+sLnTLr7Nex+VLsR9u4H5WUMpyPUEGu9bTo5b3XpvDWgyNqkb2yrYXunJvgVlPnSC3beoBcL1ztD9utYXxFDr41nEpjLi3tgxh27M+Qmdu3jHpjj0oDqcvVi+sLnTLr7Nex+VLsR9u4H5WUMpyPUEGuj8J2M1xouqXGkafFqOrxSQrFDJbLceXExbfII2BU8hASQdobPHWun1uzuZdY1qXS9PttT1yKOxUQpax3IWEwDzHji2lWG4IMhTgHjGaYLU8tore8Z29va+I3jt4oYJfJia6ggxsinKAyIoHAw2eBwDkdq1fAlha3en6vIIZLjU4hD9njh02O/cRkneywOwVudgJ52g++QlqD0OX0rSrzWtSi0/TIfPups7I9wXOASeSQOgNVCMEg9RXpGjacbz4oSQaZ4dn+wMUF7bXmkp+4JTJOwh/JBbJGCODjpWHo/h29utC1/ThpE0mswPbMlu1uftEabmDEKRuA+ZM+xGaA2OTor0n+zUtvF+pWtpoM10VsbVVm0/TY79bVzHGzN5R/dtuww3ZHUkE1d8P6Xa2mrX9rqNppepyPrEVs8pskVQjQyMVVAAIzlQCBjaQR2zQ9Ff+t7B/X4XPKaK9PvtP82zN94f0a0udamsLGY2sVhHKEjdW8yRINpU/MIwTtOM9s5qGbSFW51eTQNKtbvXI0tBLZJbJcJbMyk3BWIhk4cKp4ITcQMUPRtdg6XPPr6wudMuvs17H5UuxH27gflZQynI9QQajht57jzPs8MkvloZH2KW2KOrHHQD1rpPiKHXxrOJTGXFvbBjDt2Z8hM7dvGPTHHpVj4fX11HcarY2UNvNPcadN5EUlpFM8sgAIRdyknIB+TocdDR0YdvkcfRXf8AhrTmuZddfU9OkTXoTDstIdEineNDney2rbE/uZO3gNnHORu6RaaQ2sXQXQI0WfU4LeW31LT1jki3W8jSBUy3lgsu4AHgEYxRsr/10/zDrY8jor1aaweTTbu+0Xw7Z3uoy6dp8yxRaasoiZxIHdYgu3sOoI7kZxVG509PtOsP4c0q0vNciFoJbSK0S4WHdH/pBjhIZeJNqng7ckDFGza7AcHpmrXmjXDXGmyLDOyFBL5SsyZ7oWBKN/tLgj1qmSScnkmvRbqOw0t/Ed3Hpmny3ltZ2jPC8KyRWt07KJQq/d4Yn5fug8YIGK4jWNQh1TUPtUFjFZbo0EkcIARnCgM4UABdxGdoGBmgBmlaVea1qUWn6ZD591NnZHuC5wCTySB0BqoRgkHqK634cWN3f+KooYdLXULNjtu99itwsakHBJZTs5HUYNLo8Muh+HfEE17pUA1G1ltkRdQsw7Qb9+TscYyRjggjoccA0PQDkat6VpV5rWpRafpkPn3U2dke4LnAJPJIHQGu8k0uIazrsujaZa3WqLaWk1rZC1WUDzERpnSAgq2M9NpADE444o+DNP1e98etBe6Esqs+2/hfSYysAKnGU2YizjqAtHkHS5wxGCQeorUh8N6tca7Fo8Nruv5kV0h8xBkFN4O7OPu89f1rd8PaLqEGn6wtto5uNftpIEW0urMSvDE24u/lSAg87BkqcBs8ZzXSJYX198XmgGmQ6jbGC2S9K2MdxEg+zryDtIQEjgrj2oA8qIwSD1FWL6wudMuvs17H5UuxH27gflZQynI9QQa6nw9ouoQafrC22jm41+2kgRbS6sxK8MTbi7+VICDzsGSpwGzxnNbniLR59XvvEdva2Md9qkcWnPGtrErsF8oBzGFH3clc7eMY7UB3PMqkht57jzPs8MkvloZH2KW2KOrHHQD1r0TVIbbQ4/EM9vpumvPbRaasRkto5kjZ4fnZRgqcnPPIPXrg1NZTSWfjDW7DSLOz8y90gTQ2wsYXLzNBG5RFZTwcsdg4Pp0o726f5XDqvl/X4nmNFXNWW9XVJxqlr9kuwR5kH2ZbfYcD/lmoAXjHYetbXh3SJNZ8Ma5BYWJvdRR7Z4Uii3yhNzByvfHK5x7Zo6A9DnYbee48z7PDJL5aGR9iltijqxx0A9ajr1C1aXTPGGs6TpVpYmWbRV8mBLSGbzZvs8bFVyp3Z+Y7RkMecGvO9WW9XVJxqlr9kuwR5kH2ZbfYcD/lmoAXjHYetD3sC2u/60H6Rol9rt0bbTVhkmAyI5LmOIt7KHYbj7DJptvqk9to97p0axmG8eN5GIO4FM4xzj+I54re+G+nXt742sZrOzuLiK3kzM8UTMsYKnBYgcZ96n8JeHr4XOq+fZypd2SRq1qdIF7cjeeot5CFxjqxHGRjrTt0Fc5WKwuZ9PuL2KPdb2zIsr7gNpfO3jqc4PSq9esXWnzWdz4tg8N6NHey5sJEto7MTqpaNmZxENy4yx4+ZRnjoKz7jT087VX8O6VaXmuxLaCazitEuFgJj/0gpCQynEm0HAIXJAxSH1PN6K9Fuo7DS38R3cemafLeW1naM8LwrJFa3TsolCr93hifl+6DxggYpnhw6dr/APa19baWItTSK2WO2s9NivcjGJZUt2KpywXOAdobj1AB57WtpXiB9N0660+WxtL+zunSR4bnzAA6Z2sGjdW6MeM456VJ4uW1TxPdCxsbmwTCF7a5tvIZH2jd+7ydoJyQM8AgVs+BLC1u9P1eQQyXGpxCH7PHDpsd+4jJO9lgdgrc7ATztB98gWqB6HPajfX3iK+e5NvnyIFURW8ZKQQoAoHchQMDJJ9zWbXpWmXfkeL9fsNE0v7NJc6dIY7G90uJZjPsUsqxsHIU4ZhHkjGODgVwOrLerqk41S1+yXYI8yD7MtvsOB/yzUALxjsPWl1H0KdWL6wudMuvs17H5UuxH27gflZQynI9QQa6PwnYzXGi6pcaRp8Wo6vFJCsUMlstx5cTFt8gjYFTyEBJB2hs8da6fW7O5l1jWpdL0+21PXIo7FRClrHchYTAPMeOLaVYbggyFOAeMZqhLU880jRL7Xbo22mrDJMBkRyXMcRb2UOw3H2GTVCvSdK0aV/i1ZtpenMfIWJ9QSziLRWs7RfvF+XIUb8jHQHIHSsbQNIv7bTdWS00Y3PiG3lhX7Hc2QmkihIYu4hdTk58sE7TgN2zmkBzemateaNcNcabIsM7IUEvlKzJnuhYEo3+0uCPWqZJJyeSa9Fuo7DS38R3cemafLeW1naM8LwrJFa3TsolCr93hifl+6DxggYpnhw6dr/9rX1tpYi1NIrZY7az02K9yMYllS3YqnLBc4B2huPUG4bHntFbXi5bVPE90LGxubBMIXtrm28hkfaN37vJ2gnJAzwCBXUfDm3spdPP2zTbK8M+pxWzG5gWQiNoZWIUnpyo5HPFHS/9b2Drb+trnntFeo/2KL2/Go2NnAsraRZzvb2WjR3jl5MhmS3JVAOPmYg4yMdamPhy3bxL4kTRrSzW6jjtGt/M083caeYoeQiFFlAB9QCq5wCMg07a2YdLnlFFej6pdW9tJ4rvrfRLKCW1mtIbeO60tI/JyGDMIWXA3YzhgeCM8gYfHoSzeJ9XuNPtYx5VraS/Z7XSUvpA0sasxjt2IQLknJx8uQBjNJag9DzWiuj8fWVtYeNLyCxijhiKRSbI1CqGaNWbAUkAZJ4BIHQcVZ8D6VJfLqNzBH5z2yIBFFpiahMdzYysLsFwMcsc44x1oWoPQwtI0S+126NtpqwyTAZEclzHEW9lDsNx9hk1Z8LtrLa2lv4aVTqE6skR2x7l4JJRn+42AfmBB9DXbWugyJ8akGi6dI1rAYpZvssGY4i8IYkhSyoCxOADgdBxWL4C0XVP+E0WwudDeeNWCX0VzpwlMKlSRu3qTHn14NCBnGNncd3XPNJXY+HtF1CDT9YW20c3Gv20kCLaXVmJXhibcXfypAQedgyVOA2eM5rY1vw/9tufEdlpemW9xqEcenyRxWMCEgGMea0YQY2lmBO3jkHpQHc82q7p2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSu/Hh4f8ACT6qbG2hJs7OzHk2elx6hIWeJNzJCWCEZyWfnqMfernPG6jRvGWoW2ksbSCaKIyR258tH3IjkbVYrjdztBIHGOgo0T1DVnP6jp9zpWpT2F/F5VzbuY5U3BtrDqMgkH8Kk07R77VluTp8Hmi1j82b51Xau4LnkjPLDpT7Gy1PxPriW1tvvdRu2JBlmAaRsEnLORzwepqtHcXVkZooZpoDIPLlVHK7gDna2OoyAceooXmD8i7H4a1aXxI2gR2mdTWRozB5icMoJI3Z29Ae9ZZGCQeorsvh/DqWteMlaWxbVoZn/wBOkuLMXWAQcFmZWKkkdcgn1pPD2i6hBp+sLbaObjX7aSBFtLqzErwxNuLv5UgIPOwZKnAbPGc0a21DQw18Mau9xcwLaZltYEuZl81PljfbtbrznevA55qnqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwrpPH11d2njO8SO48ppbW2Sb7M4VJB5MZx8nylcgEAccDFZvh59T1HxdBJbWkOtahMzt5OoYkSY7TkvuIzxk8nqKPQNlqUdO0e+1Zbk6fB5otY/Nm+dV2ruC55Izyw6U6bQ9Th1yTRzZSyajFIY2toV81tw6gbc56dqrRXdza+ctvPJAJRslWNyocZBwcdRkA49hXZfDa412+8eWslsb26jlu4pNQmRWkJUNkGR+TtzzycEgE9BT3asKT5U2cjYaXqGq3LW+l2NzezKpZoreFpGABxkhQTjJFaGk6hd2nm6M+kQ6oJ5lxZXEcu5ZhlRt8tlcNyRjPPccCtXw/4Q1rUdbvrK4t9Ss7W02z38UcDmXbnKKI8ZZzn5cj1PQGti2vov8AhLNY1PU5YtC1y6uVjt7W/t5w0ET/AHn+WNvnK4UE4+8x9KI6tLv/AEv6+Y5+7fyOLj0bU9UvdQ8ix2S2u6W5hwIvJG8KRtYjGGYDHUVV1HT7nStSnsL+Lyrm3cxypuDbWHUZBIP4Vt+MpZdP8c68llqG5Z7qXzTbs6AjzC2xsgZwQPUZHBNZdjZan4n1xLa233uo3bEgyzANI2CTlnI54PU1EXdJocvdbuM07R77VluTp8Hmi1j82b51Xau4LnkjPLDpUeo6fc6VqU9hfxeVc27mOVNwbaw6jIJB/Cmx3F1ZGaKGaaAyDy5VRyu4A52tjqMgHHqK7DwZBHq1vrV5c/aL/WQYmjxYJqMpRmPmOIpGAc52AsckA++RW+wttzlbfVJ7bR73To1jMN48byMQdwKZxjnH8RzxVKvXNItNIbWLoLoEaLPqcFvLb6lp6xyRbreRpAqZbywWXcADwCMYqp/Yovb8ajY2cCytpFnO9vZaNHeOXkyGZLclUA4+ZiDjIx1o/wCB+Vw/r8bHnOlaVea1qUWn6ZD591NnZHuC5wCTySB0BqXSdDvtcu2ttNWF51GRHJcxxFvZd7DcfYZNeg22iN/wt6az0zRobrTnWJrpBp6TRxh4QxI4cRgsTjacdgcVz/gLQtXX4g2kbaXeh7OXNypt3zBlTjeMfLn3o3B6HN6do99qy3J0+DzRax+bN86rtXcFzyRnlh0qPUdPudK1Kewv4vKubdzHKm4NtYdRkEg/hTpBqWjXFxaSi6sJmUJPC26JiOGAZeDjocH2NaHh59T1HxdBJbWkOtahMzt5OoYkSY7TkvuIzxk8nqKPQNr3KOnaPfastydPg80WsfmzfOq7V3Bc8kZ5YdKLvR9QstRu7C4tJPtNlu+0Ig3+WF+8SVyMD16VBFd3Nr5y288kAlGyVY3KhxkHBx1GQDj2Fdd4G1bUZ9Q1mFPKvb29sJ2j+0W0dxLPKADtBdSzZAPy9DjoaOl12YbOz7nL6Zq15o1w1xpsiwzshQS+UrMme6FgSjf7S4I9apkknJ5Jrv8Aw1pzXMuuvqenSJr0Jh2WkOiRTvGhzvZbVtif3MnbwGzjnIktra3fxdrC6d4Y1T5oYxj+xEneykO0sTauSgV8NgFhtB4o6gcBDbz3HmfZ4ZJfLQyPsUtsUdWOOgHrU2n6Xf6tcGDSrG5vZlXeY7aFpGC9M4UE45H513WiNfaZ4t8R6Pb/ANn3t1JZziERadCfNkCghFQpwcZzGOMgjBxWZoXhvXdf16/ivba8sobbZNqUNpZGNgB9xVgRQN5/hGB3J4yaFq12tcHs/U5yx0W/1G8mtraDEkALTGZ1hWEA4JdnIVeeOSOTjrUN/p9zpl69pfR+XMmCQGDAgjIIYEggggggkEGvUIbObW5NWn1LRJ0nur6SeTTZVkiZtghWMSY2tgCdpDyM7c9KtXulaX/aF/bWVnM2o6fbxxW9rHpy38sUJnlPEMrAMQhi5OSA3vkHRf1/X9Mff+up47RXosVlpMviDWv7S0ibT9AWOI3clzZi3ntZyFwI1+YrubP7sHG0n+6KW10O8m8T67O+nW8D24j8m1sNJS/JiY4RooWKoybQCZCCeR3Y0CPOaK9lg0rSbTxJeQrpGnzxT6haxMJbZGCrJavI4QAkJlhn5TgdjVCaweTTbu+0Xw7Z3uoy6dp8yxRaasoiZxIHdYgu3sOoI7kZxQ9r+n4q4f1+NjzjSNEvtdujbaasMkwGRHJcxxFvZQ7DcfYZNNt9UnttHvdOjWMw3jxvIxB3ApnGOcfxHPFd3pOkyTfFy1bSdPLLbiJr8WUOYbeYw/vB8vCjfuGOgII7VQ8H6II4daivbC6GtW3kiK1/spLyZEJO9hbysoP8GSQSA2cc5ABydvqk9to97p0axmG8eN5GIO4FM4xzj+I54qlXT6vosmt+PJNM8OaVc29xOARZXMK2rK4j3P8AIWIQHDMBngEAdqd4RsnmstYlsbGHUNYgjjFpayQCckFsSOsRBDkDHUHAJPbNHmDOWortdKstSkttalh0WOfxJFNCDZPpiM0MJDb2W2Kbc58sE7eA3bOa6vTNO0qLVHjk0nTZZZ721gvImgV1gka2kaaNP7nzr0X7pGBjFD0V/T8Q62/rQ8s07R77VluTp8Hmi1j82b51Xau4LnkjPLDpWlHqF74X/tHQNU0y0ukM6/aLW5Z8JImQCGidTxuP8RHNXPGMzWl/YzaeFsf7Q0m3luY7NRDG5IyflXAxlQceozWJY2Wp+J9cS2tt97qN2xIMswDSNgk5ZyOeD1NGt7ev4MOl3/WhbmGreL724uoLaNhZ26ZiiYIkEK7UVRuOSBkDqT3PrWbqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwpsdxdWRmihmmgMg8uVUcruAOdrY6jIBx6iul0S+ZfDfiHV7mC3v8AUFmttlxfwrcMpcvub58gk475H4gYPNBrszk6u2+qT22j3unRrGYbx43kYg7gUzjHOP4jniu9j0JZvE+r3Gn2sY8q1tJfs9rpKX0gaWNWYx27EIFyTk4+XIAxmtuDStJtPEl5CukafPFPqFrEwltkYKslq8jhACQmWGflOB2ND0Wv9aoFq9P60ueNVteGxraT3dz4eVfOt4C0ku2MtChIXchflWywGVwwzXfJpen3RlvLewX+1JtLsZ0t7HSIbrAfd5rpbMVQ8hATg4znvkcP4nuFs/Et8mkQ32lRTIiz2ssRtm3YVmBjDHapYbguSBx6CjZ2fmG608jI1GwutL1K4sdQj8q6t5Ckqbg21h1GQSDWjoyare6Nqun6ZbRzQOsVxcsWAZFRsKRkju+DwaXw8+p6j4ugktrSHWtQmZ28nUMSJMdpyX3EZ4yeT1FZUV3c2vnLbzyQCUbJVjcqHGQcHHUZAOPYULazB+Rbu9A1OxbUBdW3lnTZVhuv3iny3YkAcHn7p6ZrOrufCcurX3hzxJPZ2L61qEkts22W3N2xJMmXKHIYj/aBHtVy5Gn6c3iO8i0zTpru1srMtG8CvFb3TFVl2r93hi3y8rnjGBiltv8A1oHoedUV3OnS/wBtWWp6h4f0G1k1lfsyfZEtEuAI9pEsqQFSvLhM4U7d3HXNalxoGkX/APacV1Fb2ItJbSfUHtggNs7wuJUU8gL5uwbRwCcAcVVmB5lV/SNEvtdujbaasMkwGRHJcxxFvZQ7DcfYZNdzqNvB4d07V0XTNPe/0230+AtPaxyhJWRjI2CMEnODkHp7AhdL0aeT4v20mlabIbdEgnnFrAfLhMkAY8KMICxOBwPSlvsG255tX0X+yh/qvFv+9Zf+168k0DSL+203VktNGNz4ht5YV+x3NkJpIoSGLuIXU5OfLBO04Dds5r3n4B29va694wjt4oYJfK01rqCDGyKcpMZEUDgYbPA4ByO1D0BHtNFFFAHxh8b50uPiVM8TF0+zRgMRjPWvPK9v+IFhp/iLxPrEmoFIYLWS0llukQLIkTJKuMnPG/yxj1PSvMPGlimla5DpohjhltLKCOcIoG6XywzE46nLdaV9v6/rsO2/9f13MeKwuZ9PuL2KPdb2zIsr7gNpfO3jqc4PSn6VpV5rWpRafpkPn3U2dke4LnAJPJIHQGuh8NXzad4L8Q3EcFvO4ltQouYhKqkmT5tjfKT/ALwI9q6DTNJln+KXkWGiw3NhPDBJdxjT0mii8yAOcZUiMFicYx6U+v8AXYRyng5NRGtF9GsrG6v41JgF3cCNo2/vRgyKHYenzfSovCsetS6nJ/wjjW63pjIUyyQpIM94zIQQ/unzCtXwFoWrr8QbSNtLvQ9nLm5U275gypxvGPlz70eAtC1dfiDaRtpd6Hs5c3Km3fMGVON4x8ufegDmtK1SfSNViv7dY5JIycpKCVcEEMrYIOCCR171BcypPcySxW8dsjHIhiLFU9huJP5k0t3Z3NhdPbX1vLbXEZw8UyFHXjPIPIrrvAWknUrDWXtIrd9QiWFbdrixa8VAzEv+6WOTsuNxUgdMjdTWoM4urunaPfastydPg80WsfmzfOq7V3Bc8kZ5YdK9Dlhlur7xXNovheGa8tpLWO2tm0Zd0IIYM4g28Z6/MDwRnkDHJeLJv7P8SXMWmOtoZbeFb2GzbZEJtitIgC8YEgPy9AR7Uk0DuYuo6fc6VqU9hfxeVc27mOVNwbaw6jIJB/CpNO0e+1Zbk6fB5otY/Nm+dV2ruC55Izyw6U+xstT8T64ltbb73UbtiQZZgGkbBJyzkc8HqarR3F1ZGaKGaaAyDy5VRyu4A52tjqMgHHqKF5g/IdqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwpIrC5n0+4vYo91vbMiyvuA2l87eOpzg9K63wqt/qOieIL620sa5qwktyjz2n2yRdxcM+0g5P1BHTjgVqXtzBpFh4mksrOwMy/2eJoTCskENwUbzdqcrw24bSCAc8cDC2Wo93oebUV6RdaYFvNYl8O6Tb3erbbKVLRbJJxHFJCGleOEqV++VH3TtDcYzTdQSz0i18QXdtpumtfQrYiRHt0mjtZ3VvOVFOVHzZG3BAPGOBhvTcS12POau6do99qy3J0+DzRax+bN86rtXcFzyRnlh0r0SDSNOfWNce0sy2oCCymgt7XS4rwoskYaVkt3ZVI3Fex2huB3HHeJ7hbPxLfJpEN9pUUyIs9rLEbZt2FZgYwx2qWG4Lkgcego2dmG60MjUdPudK1Kewv4vKubdzHKm4NtYdRkEg/hTLSzudQuktrC3mubiQ4SKFC7txngDk1q+Hn1PUfF0EltaQ61qEzO3k6hiRJjtOS+4jPGTyeora8Fh38PeIorLTF1TUHEAFkrSbpIdzeZ8sZDsoOwkAjsTkAihXtqD8jnoPDOvXVxPb22iajNNbELPHHaSM0RPQMAMj8aZH4e1qbUpNOi0i/e+iXdJarbOZUHHJXGQOR+YropPDeny+OWgCfZ9Ns7dLvUo0cuLXCBpYgxJOd+UGSTkgHJBq7oVzceJrbxTc3VpPqf2t4XfTbEEXDYY7WQjO1EHB+VxyowOGAv6/r7wONg0TVbrUZNPttMvJr2LPmW0du7SJjg5UDIxTLXSNSvb97Gy0+6uLuPO+3ihZ5FwcHKgZGD1r0PU4JdT1jXdDNtqU4mNnMZtLsTNJbhI9qwzIZOMBsElzhk5z2tytpmuf8ACSwWMd9qM4ayaS1sJFae8WOPY/zgEMokIZmVWzgEcHIOl/6/pAebWWhajqF9PZW1v/pcCsXt5JFjkyvVQrEFmGD8oBPHSs+vRL+7a5+MWkSWUVv9sQ2qTxCZtgmVAHUyEMSR0J+Y5B6muQh0dtZ8SDTPDfm3jTORALgJCz4GSDlyo6H+Ln8cUkAmkzX9zbT6Dp0CTNqUsRIPDApuIwcgAfMck8ADtTbfw/qN3cXkNpFHO1knmTmK4jdVXcFyGDYblh90mtDwfGqa3OCzLex21wIYmT92x8lw2585XAyRhTk8fL1GFBd3Nssq21xLCsy7JBG5XeuQcHHUZAP4U9Lg7kmo6fc6VqU9hfxeVc27mOVNwbaw6jIJB/Cq1dn4csbbxJoupza5Mc295DPc3zEGYIySKfnbJIL+X68mugg0KytbzUbJLItrGnWVlH5VtpkV85JXMziF2VXOSgLHJAP4gs1uG+x5pFYXM+n3F7FHut7ZkWV9wG0vnbx1OcHpVevT4YpfL8Vr4b8PXDz77M/YLrTMtE5D72+z5YAZJIByAGHHAqtDaQDxTqMdloUt1ObOBZ307TI75LG5KqZR5Dfu+WDL1G05x0xR1/rsBwmlaVea1qUWn6ZD591NnZHuC5wCTySB0BpsAvpLe4t7X7Q8OPNniiyVwmfmYDjA3Hk9M+9dz4d0W+/4Wfc2H2G11e2WbZePFpkbxIpUkfLsxCc8EDGCCM8VT8EtqemalrGkGxRL+TT5hHa3VhG8zSBQQgEiljkZOzofQ0br5B1t5nE1d07R77VluTp8Hmi1j82b51Xau4LnkjPLDpXZeGtOa5l119T06RNehMOy0h0SKd40Od7LatsT+5k7eA2cc5GB4nuFs/Et8mkQ32lRTIiz2ssRtm3YVmBjDHapYbguSBx6CjrqGvQyNR0+50rUp7C/i8q5t3Mcqbg21h1GQSD+FSado99qy3J0+DzRax+bN86rtXcFzyRnlh0q94efU9R8XQSW1pDrWoTM7eTqGJEmO05L7iM8ZPJ6isqK7ubXzlt55IBKNkqxuVDjIODjqMgHHsKF5g/IfqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwqtXZ+HLG28SaLqc2uTHNveQz3N8xBmCMkin52ySC/l+vJrcufDWmyW91pmoQw2X9kLYm9uYURZF3Qvv+bHOZDGDnPNFml5/1+QaM880zVrzRrhrjTZFhnZCgl8pWZM90LAlG/2lwR61TJJOTyTXp9z4a02S3utM1CGGy/shbE3tzCiLIu6F9/zY5zIYwc55rndc8M3dz4ws/DekWUbahFZwxyRIUTfKIt7kk4GeTyT2oe/9bdx9DkqK7TwLp9tc2OsP5ElxqkPlCCKHTo79xGWIkZYXYK3OwE87QffI0YrLSZfEGtf2lpE2n6AscRu5LmzFvPazkLgRr8xXc2f3YONpP90U+v8AX9f8ER51RXo1rod5N4n12d9Ot4HtxH5NrYaSl+TExwjRQsVRk2gEyEE8juxrfg0rSbTxJeQrpGnzxT6haxMJbZGCrJavI4QAkJlhn5TgdjS6X/rewdbf1tc8aq/pGiX2u3RttNWGSYDIjkuY4i3sodhuPsMmvR5rB5NNu77RfDtne6jLp2nzLFFpqyiJnEgd1iC7ew6gjuRnFUdJ0mSb4uWraTp5ZbcRNfiyhzDbzGH94Pl4Ub9wx0BBHajq0HS5wlvqk9to97p0axmG8eN5GIO4FM4xzj+I54qlXc+D9EEcOtRXthdDWrbyRFa/2Ul5MiEnewt5WUH+DJIJAbOOcjN1fRZNb8eSaZ4c0q5t7icAiyuYVtWVxHuf5CxCA4ZgM8AgDtR1A5iiup8I2TzWWsS2NjDqGsQRxi0tZIBOSC2JHWIghyBjqDgEntmrmlWWpSW2tSw6LHP4kimhBsn0xGaGEht7LbFNuc+WCdvAbtnNAHFUAFmAUEknAA717BpmnaVFqjxyaTpsss97awXkTQK6wSNbSNNGn9z516L90jAxisO6tLSLxDaa/LaW8VvZ6Nb6jNFDCscbzkYjUKoAG6QrnjoDRs9f60uG60/rWxw9zpF/a39zZy2zm4tATcJH8/lAdSxXIGM8+neqddn4E1O+kv8AWbeBLe5vL2wneNJbSKaSaXAbaNyknOCdnQ+hq54a05rmXXX1PTpE16Ew7LSHRIp3jQ53stq2xP7mTt4DZxzkGv4B/mcBUkNvPceZ9nhkl8tDI+xS2xR1Y46Aetd/bW1u/i7WF07wxqnzQxjH9iJO9lIdpYm1clAr4bALDaDxS6I19pni3xHo9v8A2fe3UlnOIRFp0J82QKCEVCnBxnMY4yCMHFHT5Nh/mjh9O0fU9Xd10nTru+aMAuLaBpCoPTO0HFPstD1HUHu0tbVmezTfcKzBDGNwXkMRzkgY61qWekanqHiG5/tHw1qd5LDj7RaadbC1aIkDblViYICB02jPWneMr25g8aauYL9j9oYed5D7QQQreW2CQ20gA8nJXPWjsGuph6jp9zpWpT2F/F5VzbuY5U3BtrDqMgkH8Kk07R77VluTp8Hmi1j82b51Xau4LnkjPLDpT7Gy1PxPriW1tvvdRu2JBlmAaRsEnLORzwepqtHcXVkZooZpoDIPLlVHK7gDna2OoyAceooXmD8h2o6fc6VqU9hfxeVc27mOVNwbaw6jIJB/CkvrC50y6+zXsflS7EfbuB+VlDKcj1BBrp/DcN7qem6xf2VqNY17zYdq3EIumWNi3mS7HDBjkICSDgNnjrXWXWnwXXiXXneH7Tq0NtYiGO002K/whhUSNHAzBGGdoyAdoPA5yCz6h1PJKK9Dtra3fxdrC6d4Y1T5oYxj+xEneykO0sTauSgV8NgFhtB4qG10eW31bxKlpBZavrVr5YtYY7JGVgzfvGW327dyjAK7TtJb0zQBwVW9K0q81rUotP0yHz7qbOyPcFzgEnkkDoDXT6W0tlZ+KL3V9HtDqNrHDshurFEWB2kC5EW0KOD0xg9wateEGl8R+OYpLLw7btZyIkd9Glgk0SkJgvjZiLcwz8uPSjoBwZGCQeoqSG3nuPM+zwyS+WhkfYpbYo6scdAPWuz8MaTqVto3iBIvDv2zWLV7dY4LnT/Pkg3b9zeWyntjqCOhx0rXsbk2vi3WtO0i1sDdXGkktbR2cMoN2IkMkcYKnjcH/djjIIxwKP8AL9Lh1PPNK0q81rUotP0yHz7qbOyPcFzgEnkkDoDVQjBIPUV3Xg3T9YvfHxgv9BWQMwW/gfSI9sIKnblPLxFnA5AXNVdA0i/ttN1ZLTRjc+IbeWFfsdzZCaSKEhi7iF1OTnywTtOA3bOaAOPq7p2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSu51BLPSLXxBd22m6a19CtiJEe3SaO1ndW85UU5UfNkbcEA8Y4GOc8Wu2m+JrpNNY2cV1bQPLFbHy0bfEkhG1cDbuOcdBx6UaXB36FK4k1DQYdU8P3kEcbyTILlSdzI0ZbABBx/Ec9arado99qy3J0+DzRax+bN86rtXcFzyRnlh0q94efU9R8XQSW1pDrWoTM7eTqGJEmO05L7iM8ZPJ6isqK7ubXzlt55IBKNkqxuVDjIODjqMgHHsKF5g/Inv9H1DTLi6hvbWSNrSbyJyBuWOTn5SwyM8Hvzg1EdOvQzKbO43LCJyPKbIjIBD9Pu4IOenNdLpcWoeIfB2s29stxqWpvf29y8S5lmkQLKrPjlmwWXJ5xkZrpbS/uYfEd7pNlHaz3g8Px24ge1inc3EcCBohuUkkbWBQcEjkZFGqT/AK6X/wCAG7/rvY8toq5qy3q6pONUtfsl2CPMg+zLb7Dgf8s1AC8Y7D1rp/Alha3en6vIIZLjU4hD9njh02O/cRkneywOwVudgJ52g++QLVA9DjKt6VpV5rWpRafpkPn3U2dke4LnAJPJIHQGu3vHsdPh8T31hoiQTQyWapDqenIrW7uG8wiJiwUE5IU5ABHHAxa0zSZZ/il5FhosNzYTwwSXcY09JoovMgDnGVIjBYnGMelAM8zIwSD1FFekeBNLjtYpLbWtFt3uH1SK2ljv7XMkaNDKxADDKk7VOevpXOeOIoV1HTZ4LeC3N3pdvcSJbxLGm9l5IVQAOlD0/D8VcFr/AF52OaorrPA+lSXy6jcwR+c9siARRaYmoTHc2MrC7BcDHLHOOMda6LUtESDWvEB8NaVb3mpRm0MVsLWOZYo5I90sixHemN20cZChuDjmmB5zfWFzpl19mvY/Kl2I+3cD8rKGU5HqCDVeuo+IodfGs4lMZcW9sGMO3ZnyEzt28Y9McelbXw5t7KXTz9s02yvDPqcVsxuYFkIjaGViFJ6cqORzxS6N/wBb2Dql/W1ziNK0q81rUotP0yHz7qbOyPcFzgEnkkDoDVQjBIPUV6np+mS3vjrSGs9Dtp7S90y3mv0i0yN4oyyNzjYRHkjqME+tc1o8Muh+HfEE17pUA1G1ltkRdQsw7Qb9+TscYyRjggjoccA0bXv0/wA7B0Oc0rSrzWtSi0/TIfPups7I9wXOASeSQOgNVCMEg9RXpmmaTLP8UvIsNFhubCeGCS7jGnpNFF5kAc4ypEYLE4xj0qPwJpcdrFJba1otu9w+qRW0sd/a5kjRoZWIAYZUnapz19KNld/1rYOv9drnm9FdL44ihXUdNngt4Lc3el29xIlvEsab2XkhVAA6U3wrZxa1b6joYt4nvrlEls5So3q6NllB64KFzjPVRQk22u36A9LP+tTnKK9I0qHSNU1LxDLpNnvmtTDDYRWulR3rtApKtKIHYKzHCFmOSNxPfIhvHsdPh8T31hoiQTQyWapDqenIrW7uG8wiJiwUE5IU5ABHHAwX0uOzOI0rSrzWtSi0/TIfPups7I9wXOASeSQOgNVCMEg9RXpmmaTLP8UvIsNFhubCeGCS7jGnpNFF5kAc4ypEYLE4xj0rF8JeHr4XOq+fZypd2SRq1qdIF7cjeeot5CFxjqxHGRjrTsTfS5xtFeywaVpNp4kvIV0jT54p9QtYmEtsjBVktXkcIASEywz8pwOxri/EWiz614l0e10Wxt1vNS0yCfyIFjgRpChLYHCjpS/r8Lj6fj+NjjqKV0aN2RxtZTgg9jXVeE7Ga40XVLjSNPi1HV4pIVihktluPLiYtvkEbAqeQgJIO0NnjrRurg9DlKt6VpV5rWpRafpkPn3U2dke4LnAJPJIHQGu+1vw/wDbbnxHZaXplvcahHHp8kcVjAhIBjHmtGEGNpZgTt45B6VLp2izf8LSWxstGt7uxFvbLeKljHcRJm3U7t21guWydwIz6mgDzEjBIPUUV1/hPTbu11HUrS78PajNdpEqbk0kXj2bFg2WgkG07gCMnBHUVieJrN9P8S31rLNbzvHLgvbwrEh4zjYoAQjoVA4II7Udg7mXRXUeHJo7Lwlrt+LKzuLmGS2WF7q3WbytxcEhWBHQdwR7ZAx0F1pgW81iXw7pNvd6ttspUtFsknEcUkIaV44SpX75UfdO0NxjNAHm9SQ289x5n2eGSXy0Mj7FLbFHVjjoB616HFYwx+KtRitNBmubhrODzzp2mpfpYXJCtKohb5MEhlxkbTkDpimaI19pni3xHo9v/Z97dSWc4hEWnQnzZAoIRUKcHGcxjjIIwcUf5P8AAP8Agfied1raV4gfTdOutPlsbS/s7p0keG58wAOmdrBo3VujHjOOelbumNNZWfie91jRrT+0rWKDZDdWCRrA7SBdwi2hRwc4xg9waW1gXxbpGtvpOhxf2iFs2WC0hDNxlZZEVQNoJKkhRgZo6Aczq+rXGtXwublY49saQxRRAhIo1GFQZJOAB3JPqTUN9YXOmXX2a9j8qXYj7dwPysoZTkeoINeh3WimC+1gaBpVrearbxWCx26W0dwscbQgyyrGQUb5toLYONxOec1znxFDr41nEpjLi3tgxh27M+Qmdu3jHpjj0o2BanL0V2fgSwtbvT9XkEMlxqcQh+zxw6bHfuIyTvZYHYK3OwE87QffI0orLSZfEGtf2lpE2n6AscRu5LmzFvPazkLgRr8xXc2f3YONpP8AdFO2tv6/r9RXPOqK9NstJV9Y8RtcaZHFqcbQmyttP0uK9UW5JBeKFyqyAgR/PgnDZ6kkU5Tp1jP4qvrbQ1jktobYxW+p2KobeVmUOwiJYKMkkKSRggEEcVN/6/r+rjPPq2CNT8Z+IoorW3jkvpo0iSKMhARHGF6scZ2pnrW/pEketnV9Q0jRLR9YjtoBBYrbrMrnhZpUg27SeAdu0hdxPbNO8Gafq9749aC90JZVZ9t/C+kxlYAVOMpsxFnHUBafkHmcXFbTzmQQQyS+UheTYpbYo6scdAPWoq7bwS2p6ZqWsaQbFEv5NPmEdrdWEbzNIFBCASKWORk7Oh9DTvDukajeanrFxe2PlX1qsYe0i0KO4mXccfLanaijA5YjjIx96jr8g6fM5jRr7U9OuJrjRgwnSFi0qQLI0Kd3UkEoR/fGCPWotL0u91zVIrDTYvPu5idibwu7AJPLEDoDXo6E6Z488Q6VolpZlrnTDJBALKGQyTGFHKoCG4PzHy1JX0BwKxvBun6xe+PjBf6CsgZgt/A+kR7YQVO3KeXiLOByAuaOvy/zDocKRgkHqKK7DQNIv7bTdWS00Y3PiG3lhX7Hc2QmkihIYu4hdTk58sE7TgN2zmtbUEs9ItfEF3babprX0K2IkR7dJo7Wd1bzlRTlR82RtwQDxjgYHoG55zRW940t4bbxRMLaGOBJIIJjHEgVVZ4UZsKOAMk8DgVY8O6RJrPhjXILCxN7qKPbPCkUW+UJuYOV745XOPbNGoeZkaRol9rt0bbTVhkmAyI5LmOIt7KHYbj7DJo0jRL7Xbo22mrDJMBkRyXMcRb2UOw3H2GTXeadoVwvxftE0vTmeC1itzObOLfHGWt1yxKZXls89zWL4C0LV1+INpG2l3oezlzcqbd8wZU43jHy596AOOorsvCXh6+Fzqvn2cqXdkkatanSBe3I3nqLeQhcY6sRxkY612cGlaTaeJLyFdI0+eKfULWJhLbIwVZLV5HCAEhMsM/KcDsaHor/ANf1qC1djxqrmmateaNcNcabIsM7IUEvlKzJnuhYEo3+0uCPWvQrjT45mlvtJ0myuNZk0ezuILKOzR1JfIlkSDbtYgAcbTjJPbNY2lWWpSW2tSw6LHP4kimhBsn0xGaGEht7LbFNuc+WCdvAbtnNHVr+t7B0/rtc4okk5PJNX9I0S+126NtpqwyTAZEclzHEW9lDsNx9hk1f8Z29va+I3jt4oYJfJia6ggxsinKAyIoHAw2eBwDkdqu/DfTr298bWM1nZ3FxFbyZmeKJmWMFTgsQOM+9CBnKVYisLmfT7i9ij3W9syLK+4DaXzt46nOD0rqvCXh6+Fzqvn2cqXdkkatanSBe3I3nqLeQhcY6sRxkY61011p81nc+LYPDejR3subCRLaOzE6qWjZmcRDcuMsePmUZ46Ch7AeT0V6Rcaennaq/h3SrS812JbQTWcVolwsBMf8ApBSEhlOJNoOAQuSBimXUdhpb+I7uPTNPlvLaztGeF4Vkitbp2UShV+7wxPy/dB4wQMUbAcLpWlXmtalFp+mQ+fdTZ2R7gucAk8kgdAaqEYJB6iu88INL4j8cxSWXh23azkRI76NLBJolITBfGzEW5hn5celUvCem3drqOpWl34e1Ga7SJU3JpIvHs2LBstBINp3AEZOCOop21A5CitTxNZvp/iW+tZZred45cF7eFYkPGcbFACEdCoHBBHatTw5NHZeEtdvxZWdxcwyWywvdW6zeVuLgkKwI6DuCPbIGJT0uD3MLStKvNa1KLT9Mh8+6mzsj3Bc4BJ5JA6A1UIwSD1FemaZpMs/xS8iw0WG5sJ4YJLuMaek0UXmQBzjKkRgsTjGPSsLwnpt3a6jqVpd+HtRmu0iVNyaSLx7NiwbLQSDadwBGTgjqKq2ornN6VpV5rWpRafpkPn3U2dke4LnAJPJIHQGqhGCQeor0Lw7ot9/ws+5sPsNrq9ss2y8eLTI3iRSpI+XZiE54IGMEEZ4rg7uzubC6e2vreW2uIzh4pkKOvGeQeRUjL2ma42n2U1lPYWmo2kzrIYLoPhXGQGUoysDgkdcHuOBVIxz39xcSwWxOA00iQRnbGueTgdFGfwrf8O6RJrPhjXILCxN7qKPbPCkUW+UJuYOV745XOPbNdVatLpnjDWdJ0q0sTLNoq+TAlpDN5s32eNiq5U7s/MdoyGPODTfV/wBbf0gW9v63PL6Kuast6uqTjVLX7JdgjzIPsy2+w4H/ACzUALxjsPWug8D6VJfLqNzBH5z2yIBFFpiahMdzYysLsFwMcsc44x1oWoPQwtI0S+126NtpqwyTAZEclzHEW9lDsNx9hk1Z0L+09Rin8PaRbx3EmpOjbSQrZjDMMEkAcE5z6V21roMifGpBounSNawGKWb7LBmOIvCGJIUsqAsTgA4HQcVi+AtF1T/hNFsLnQ3njVgl9Fc6cJTCpUkbt6kx59eDRugehxZGCQeoorsfD2i6hBp+sLbaObjX7aSBFtLqzErwxNuLv5UgIPOwZKnAbPGc1sa34f8Attz4jstL0y3uNQjj0+SOKxgQkAxjzWjCDG0swJ28cg9KAOB0rSrzWtSi0/TIfPups7I9wXOASeSQOgNVCMEg9RXp2naLN/wtJbGy0a3u7EW9st4qWMdxEmbdTu3bWC5bJ3AjPqayPDGk6lbaN4gSLw79s1i1e3WOC50/z5IN2/c3lsp7Y6gjocdKAOIord8ZRW0PiaVLWOGFxFF9pitwBHHP5a+aqgcAB8jA6HIrW8CWFrd6fq8ghkuNTiEP2eOHTY79xGSd7LA7BW52AnnaD75AtQehxlXNM1a80a4a402RYZ2QoJfKVmTPdCwJRv8AaXBHrXcxWWky+INa/tLSJtP0BY4jdyXNmLee1nIXAjX5iu5s/uwcbSf7orlPF0Fxb+KLxbqyt7LLZiitUCxeXj5GQgDcpXB3d+p5pX/r+v6sG5ikknJ5Jors/Alha3en6vIIZLjU4hD9njh02O/cRkneywOwVudgJ52g++Rp2ujw3fibW7jStNubb7NHDuspNDS5uVd8bylq77VTIJySdoZQOtVbWwX6nnNFdH4+sraw8aXkFjFHDEUik2RqFUM0as2ApIAyTwCQOg4qbwfZtcWGrzafZQ6hq8Mcf2S1kgE5KlsSOsRBDkDHBBwCTjjNJaq4PQ5aiu10qy1KS21qWHRY5/EkU0INk+mIzQwkNvZbYptznywTt4Dds5rq9M07SotUeOTSdNllnvbWC8iaBXWCRraRpo0/ufOvRfukYGMUPRX9PxDrb+tDx+ivZ7Gy0xzp1xLoulyNqQshMps0CgPbys+wAALkopyOax77T/NszfeH9GtLnWprCxmNrFYRyhI3VvMkSDaVPzCME7TjPbOaHo35OwLVLzVzzCrF9YXOmXX2a9j8qXYj7dwPysoZTkeoINegzaQq3OryaBpVrd65GloJbJLZLhLZmUm4KxEMnDhVPBCbiBirOt2dzLrGtS6Xp9tqeuRR2KiFLWO5CwmAeY8cW0qw3BBkKcA8YzQHU8tore8Z29va+I3jt4oYJfJia6ggxsinKAyIoHAw2eBwDkdqt+D7Nriw1ebT7KHUNXhjj+yWskAnJUtiR1iIIcgY4IOASccZoQM5aiu10qy1KS21qWHRY5/EkU0INk+mIzQwkNvZbYptznywTt4Dds5rR1BLPSLXxBd22m6a19CtiJEe3SaO1ndW85UU5UfNkbcEA8Y4GB6INzzmvov9lD/VeLf96y/9r152ljGni/VFstAuLnzrO2kWSx0pL1bR3jR2PkMNmG+YdsdvSvWP2drN9P8AEHju1lmt53jmsgXt4ViQ8TnGxQAhHQqBwQR2o2DdXPc6KKKAPiv4z4PxFlIGM28Z/nXA16fYufEN1qt9qHm3+tRwwCARaXFeyCLcwdlgYqrY+QE4JAPvkVW06OW916bw1oMjapG9sq2F7pyb4FZT50gt23qAXC9c7Q/brWVGDhSjF9EhvdnnVFek634f+23PiOy0vTLe41COPT5I4rGBCQDGPNaMIMbSzAnbxyD0p48PD/hJ9VNjbQk2dnZjybPS49QkLPEm5khLBCM5LPz1GPvVqI83ht57jzPs8MkvloZH2KW2KOrHHQD1qzp2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSvRkJ0zx54h0rRLSzLXOmGSCAWUMhkmMKOVQENwfmPlqSvoDgV57f3OrWepXaXay6dcygJcW8cIteOCFMahQBwDjHvRdX+Qa2K+o6fc6VqU9hfxeVc27mOVNwbaw6jIJB/Ctrwzcak+malY2ulWmq2WEubmG5dkCbTtVwUdG6vjGT16VmWNlqfifXEtrbfe6jdsSDLMA0jYJOWcjng9TVaO4urIzRQzTQGQeXKqOV3AHO1sdRkA49RQttQfkdRdzeJNW1u+8MNYW4vbhooDaowAhFurbURi2MAZ5JJOOua5AjBIPUV2Xw/h1LWvGStLYtq0Mz/AOnSXFmLrAIOCzMrFSSOuQT60nh7RdQg0/WFttHNxr9tJAi2l1ZiV4Ym3F38qQEHnYMlTgNnjOaEn1BtFDSdO8SaTqN2dLgWK7t7VZpX/dM0MbhdrozZ2t868qQwz25rG1GwutL1K4sdQj8q6t5Ckqbg21h1GQSDXSePrq7tPGd4kdx5TS2tsk32ZwqSDyYzj5PlK5AIA44GKzfDz6nqPi6CS2tIda1CZnbydQxIkx2nJfcRnjJ5PUUbhstRNGTVb3RtV0/TLaOaB1iuLliwDIqNhSMkd3weDVSbQ9Th1yTRzZSyajFIY2toV81tw6gbc56dqrRXdza+ctvPJAJRslWNyocZBwcdRkA49hXZfDa412+8eWslsb26jlu4pNQmRWkJUNkGR+TtzzycEgE9BT3YpPlTORsNL1DVblrfS7G5vZlUs0VvC0jAA4yQoJxkipLLRNV1K5lt9O0y8u54P9bFBbu7R84+YAZHPHNdD4f8Ia1qOt31lcW+pWdrabZ7+KOBzLtzlFEeMs5z8uR6noDV55dS1XxD4kjvPCOsXBv3jea1tFaKa2AbchbMT9QO4GeTS7FSVm/I5SDw7q9xcXlutjKk9inmXMU2I2iXIHIbB6sOPeq2o6fc6VqU9hfxeVc27mOVNwbaw6jIJB/CtHXrceHdfvtP0jUJntyFRyknJBAYxuVOGKtwe2VzgVVsbLU/E+uJbW2+91G7YkGWYBpGwScs5HPB6mje1hbXuM07R77VluTp8Hmi1j82b51Xau4LnkjPLDpUeo6fc6VqU9hfxeVc27mOVNwbaw6jIJB/Cmx3F1ZGaKGaaAyDy5VRyu4A52tjqMgHHqK7DwZBHq1vrV5c/aL/AFkGJo8WCajKUZj5jiKRgHOdgLHJAPvkG+wbbnEUV65pFppDaxdBdAjRZ9Tgt5bfUtPWOSLdbyNIFTLeWCy7gAeARjFVP7FF7fjUbGzgWVtIs53t7LRo7xy8mQzJbkqgHHzMQcZGOtH9ferh/X42POdK0q81rUotP0yHz7qbOyPcFzgEnkkDoDUuk6Hfa5dtbaasLzqMiOS5jiLey72G4+wya9BttEb/AIW9NZ6Zo0N1pzrE10g09Jo4w8IYkcOIwWJxtOOwOK5/wFoWrr8QbSNtLvQ9nLm5U275gypxvGPlz70bg9DM8JnUYL64vtI063vJ7OHzfMncj7PyFEijeoJBYcHcPaqyz6t4S1q6hXbaahCWhkYpHI8TdCUbB2t/tKQfQ1VkGpaNcXFpKLqwmZQk8LbomI4YBl4OOhwfY1oeHn1PUfF0EltaQ61qEzO3k6hiRJjtOS+4jPGTyeoo32Da9xvhmPVRqb6hpFtHdPYxmWZJWG0xsdhDAkEg78cHPNQappl7DrV/avpn2aa1ZjPbW+6RYAvXncx2j1LH61Tiu7m185beeSASjZKsblQ4yDg46jIBx7Cuu8DatqM+oazCnlXt7e2E7R/aLaO4lnlAB2gupZsgH5ehx0NHmuzDrr3OLorv/DWnNcy66+p6dImvQmHZaQ6JFO8aHO9ltW2J/cydvAbOOciS2trd/F2sLp3hjVPmhjGP7ESd7KQ7SxNq5KBXw2AWG0HijqBwENvPceZ9nhkl8tDI+xS2xR1Y46AetWNO0fU9Xd10nTru+aMAuLaBpCoPTO0HFdxojX2meLfEej2/9n3t1JZziERadCfNkCghFQpwcZzGOMgjBxXPWekanqHiG5/tHw1qd5LDj7RaadbC1aIkDblViYICB02jPWhategdH6mVY6Lf6jeTW1tBiSAFpjM6wrCAcEuzkKvPHJHJx1qG/wBPudMvXtL6Py5kwSAwYEEZBDAkEEEEEEgg16tLpkepXusGSNdVae9eaS3jZlV2RIQsblGyRH57lsP1jJJ61Je6Vpf9oX9tZWczajp9vHFb2senLfyxQmeU8QysAxCGLk5IDe+QdF/X9f0wXX+up47RXosVlpMviDWv7S0ibT9AWOI3clzZi3ntZyFwI1+YrubP7sHG0n+6KW10O8m8T67O+nW8D24j8m1sNJS/JiY4RooWKoybQCZCCeR3Y0Aec0V7LBpWk2niS8hXSNPnin1C1iYS2yMFWS1eRwgBITLDPynA7GqE1g8mm3d9ovh2zvdRl07T5lii01ZREziQO6xBdvYdQR3Izih7X9PxVw/r8bHnGkaJfa7dG201YZJgMiOS5jiLeyh2G4+wyaoV6RpOkyTfFy1bSdPLLbiJr8WUOYbeYw/vB8vCjfuGOgII7VQ8H6II4daivbC6GtW3kiK1/spLyZEJO9hbysoP8GSQSA2cc5ABw1FdPq+iya348k0zw5pVzb3E4BFlcwrasriPc/yFiEBwzAZ4BAHaneEbJ5rLWJbGxh1DWII4xaWskAnJBbEjrEQQ5Ax1BwCT2zQgZy1FdrpVlqUltrUsOixz+JIpoQbJ9MRmhhIbey2xTbnPlgnbwG7ZzXV6Zp2lRao8cmk6bLLPe2sF5E0CusEjW0jTRp/c+dei/dIwMYoeiv6fiHW39aHlmnaPfastydPg80WsfmzfOq7V3Bc8kZ5YdKj1HT7nStSnsL+Lyrm3cxypuDbWHUZBIP4V0XjGZrS/sZtPC2P9oaTby3MdmohjckZPyrgYyoOPUZrEsbLU/E+uJbW2+91G7YkGWYBpGwScs5HPB6mjW9vUOl2WtGTVb3RtV0/TLaOaB1iuLliwDIqNhSMkd3weDWdqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwpsdxdWRmihmmgMg8uVUcruAOdrY6jIBx6iul0S+ZfDfiHV7mC3v8AUFmttlxfwrcMpcvub58gk475H4gYPMNdmcnRXpUehLN4n1e40+1jHlWtpL9ntdJS+kDSxqzGO3YhAuScnHy5AGM1twaVpNp4kvIV0jT54p9QtYmEtsjBVktXkcIASEywz8pwOxoei1/rWwLV6f1pc8aq7p2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSvS00vT7oy3lvYL/ak2l2M6W9jpEN1gPu810tmKoeQgJwcZz3yOH8T3C2fiW+TSIb7SopkRZ7WWI2zbsKzAxhjtUsNwXJA49BRs7MN1dGRqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwqxplhqup2t5DpgkkgiRZ7mMShVwG2qxBIyQXwOpGTVrw8+p6j4ugktrSHWtQmZ28nUMSJMdpyX3EZ4yeT1FZUV3c2vnLbzyQCUbJVjcqHGQcHHUZAOPYULzB+Q/UdPudK1Kewv4vKubdzHKm4NtYdRkEg/hVavRvAPkahBJcatZ22pz3eqxwSzX0Qmcq0MrNhm5BJUc9eK0k0vT7oy3lvYL/ak2l2M6W9jpEN1gPu810tmKoeQgJwcZz3yCzW/l+KuF0/687Hk9SQ289x5n2eGSXy0Mj7FLbFHVjjoB613149jp8Pie+sNESCaGSzVIdT05Fa3dw3mERMWCgnJCnIAI44GLllNJZ+MNbsNIs7PzL3SBNDbCxhcvM0EblEVlPByx2Dg+nSjo/66XDrY8xq/pGiX2u3RttNWGSYDIjkuY4i3sodhuPsMmup8O6RqN5qesXF7Y+VfWqxh7SLQo7iZdxx8tqdqKMDliOMjH3q1rXQZE+NSDRdOka1gMUs32WDMcReEMSQpZUBYnABwOg4oDuee6Zq15o1w1xpsiwzshQS+UrMme6FgSjf7S4I9aZFYXVxYXN9HHut7ZkWaTcPlL528Zyc4PSmXdnc2F09tfW8ttcRnDxTIUdeM8g8ium8NXzad4L8Q3EcFvO4ltQouYhKqkmT5tjfKT/vAj2o6XA5OivUYNI059Y1x7SzLagILKaC3tdLivCiyRhpWS3dlUjcV7HaG4HcVLXR4bvxNrdxpWm3Nt9mjh3WUmhpc3Ku+N5S1d9qpkE5JO0MoHWnZ3sHS5xGkaJfa7dG201YZJgMiOS5jiLeyh2G4+wyaqQ289x5n2eGSXy0Mj7FLbFHVjjoB616Va6DInxqQaLp0jWsBilm+ywZjiLwhiSFLKgLE4AOB0HFY/gltT0zUtY0g2KJfyafMI7W6sI3maQKCEAkUscjJ2dD6Gl0v5B1+78TkYrC5n0+4vYo91vbMiyvuA2l87eOpzg9Kl07R77VluTp8Hmi1j82b51Xau4LnkjPLDpXV2F5f6Z4f8UTajptvFfLNaBre5sERYmO/B8naEBx2K45zjPNZXi1203xNdJprGziuraB5YrY+Wjb4kkI2rgbdxzjoOPSjr/XYH5FK4k1DQYdU8P3kEcbyTILlSdzI0ZbABBx/Ec9arado99qy3J0+DzRax+bN86rtXcFzyRnlh0p9jZan4n1xLa233uo3bEgyzANI2CTlnI54PU1WjuLqyM0UM00BkHlyqjldwBztbHUZAOPUULzB+Q7UdPudK1Kewv4vKubdzHKm4NtYdRkEg/hSRWFzPp9xexR7re2ZFlfcBtL528dTnB6V1vhVb/UdE8QX1tpY1zVhJblHntPtki7i4Z9pByfqCOnHArUvbmDSLDxNJZWdgZl/s8TQmFZIIbgo3m7U5Xhtw2kEA544GFstR7vQ82or0i60wLeaxL4d0m3u9W22UqWi2STiOKSENK8cJUr98qPunaG4xmm6glnpFr4gu7bTdNa+hWxEiPbpNHazurecqKcqPmyNuCAeMcDDem4lrsec1d07R77VluTp8Hmi1j82b51Xau4LnkjPLDpXokGkac+sa49pZltQEFlNBb2ulxXhRZIw0rJbuyqRuK9jtDcDuOO8T3C2fiW+TSIb7SopkRZ7WWI2zbsKzAxhjtUsNwXJA49BRs7MN1oZGo6fc6VqU9hfxeVc27mOVNwbaw6jIJB/Cl0/S7/AFa4MGlWNzezKu8x20LSMF6ZwoJxyPzrR8PPqeo+LoJLa0h1rUJmdvJ1DEiTHacl9xGeMnk9RVvwd4d1DxDeXUcBu00+2CzX32RGkYgH5VVF+85OdvpyegNOK7g/I59LO5lvRZx28r3TP5YgVCXL5xt29c54xT4tNvp9R/s+CyuJL3cU+zJExk3DqNoGcjB49q762vov+Es1jU9Tli0LXLq5WO3tb+3nDQRP95/ljb5yuFBOPvMfSrjwbNY8dQ6Zaw67fS3akWkRmDPEZX8xdq7HbadmQpxnByQOV0T/AK6f5h3/AK7nncOg6xcalLp8GlX0t7CMyWyWzmRBxyVAyOo/MU2HRdVudSk0+3028lvY877aOBmkTHXKgZGK9AttHto18R2FjYTXsLQ2bz6PYOXuI5sZYI/zELGxYHKv1APPzC/dWsN9J4msmS7v7sNZSf2fpy7LiSFY9oibJcgoxTf985XnHUAf1/X9bnmdloWo6hfT2Vtb/wClwKxe3kkWOTK9VCsQWYYPygE8dKj0vS7nWL5bSx8kzN91ZriOEMc4wC7AE89M5ruL+7a5+MWkSWUVv9sQ2qTxCZtgmVAHUyEMSR0J+Y5B6muW01bRPHFgunyzTW/26HY88Yjc/OOqhmH6/l0pxV2kxSdk2ZFxbyWt1Lb3C7JYXKOuQcMDgjI96jrR8Q/8jNqn/X5L/wChms6oi7xTLkrNoKKKKokKKKKACiiigAooooAKKKKACiiigAq5pmrXmjXDXGmyLDOyFBL5SsyZ7oWBKN/tLgj1qnRQAEknJ5JooooAu6tqk2sX/wBruVjSTyo4sRggYRAg6k84UVSoooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACrurapNrF/8Aa7lY0k8qOLEYIGEQIOpPOFFUqKACrtvqk9to97p0axmG8eN5GIO4FM4xzj+I54qlRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV9F/sof6rxb/vWX/tevnSvov9lD/VeLf96y/9r0AfQ9FFFAHwZrGjanN4gXToLGe4vfKDeRbp5rEYLZG3ORgg5HasW6tLixuntr23ltp4zh4pkKMp9CDyK78Pe654X1Oy0yN5NXMVmksMRzLdW8QkU7V6tgiMkD0BrndIsNbg8YWlkdLivtSRSqWGogMuNhO11ZhjA5wSMYFFknZBdtXZSv5r/wAQyXWqPDHi1hhSbyzjaqhYlOCcnoMkdz2zWVWz4Y1CGw8QIt/xY3Sta3YH/PNxtJ/4CcMPdRWjoWn6lpPiXUbCUWn2a2Vo9T+25+zmEMOWxzydpXb82cbeafUNvkcrRXbaRZ6dPc+IJvCVm2pTwiP+zba9t1ml2M2JGEXKuVGOoOAc4BHEVjo+oavpniK3k0ctrccts4torJY5Y13MH2xqo2jlc4A7E1IbHNaZq15o1w1xpsiwzshQS+UrMme6FgSjf7S4I9ak0nRb7XrprfTlhknxnZJcxxM/+7vYbj7DJrt763s9GuPEkyaZp00tnYWBhDwpJHHI6xhnAHytySe4J65ql4PE/iH4jWGoaZorQxw7PtQtISY0byyC5CqFQMQTjgDpTA4WrEVhcz6fcXsUe63tmRZX3AbS+dvHU5welNu7O5sLp7a+t5ba4jOHimQo68Z5B5FdN4avm07wX4huI4LedxLahRcxCVVJMnzbG+Un/eBHtR0uBy8NvPceZ9nhkl8tDI+xS2xR1Y46AetENvPceZ9nhkl8tDI+xS2xR1Y46AetelWU0ln4w1uw0izs/MvdIE0NsLGFy8zQRuURWU8HLHYOD6dKzfCl5q8Oua5YT6fbxalcafLstJNLhV2lCghFjMfGVBOwDB64Joen3X/P/IFqr+f+RwdFd7odnq0lj4jlPhuK61uGS2C2z6SrNBu3gkQBNo4xwVx0OM4NWYrSAeLNTistClupvskCzPpumR30djcFVMoEDfJgsGXqNpzjpijqB5zQAWYBQSScADvXVx6dqFt8SnsrG003Wr1JXCwPbokEvyEkGP5VUgZyvGGGO1U/CcEcepXGr3katbaTEbpkI4eTOIk/Fyv4A0K27B32RkXthc6dqEtjdx7LmF9jxhg21vTgkZ9vXitfSrTxJpWv3Nno1lM+qQIySLbW63EkPQEqQGKMM43Lgg8ZFP8ADAEmsXWu6kPOi01GvJd/SWUnEan6yMufYGpvCeh6p4q1G8YSXpsoyLnUHtkaR3+YkBUX7zk5x6cngA010v8AMH/X9fcczKkkUzxzKySKxDq4wQR1BHrU9hpt9qlz9n0yzuLyfaW8q3iaRsDqcAE4ruLu+nH/AAl2s3+hwW+ofarcxQ6jZh2tw+/na4wSVxnIIPXHStX+zrCeHxFZWtjczTyiwu203SwEkuEMW5lUAHagkcMQqnHHA6hR1QPex5ZNDLbTvDcRvFLGxV43UqykcEEHoavjw5rL6k2nwabc3N2sSzGG2jMzBGUMGwmeMMv516Dq8TanqWq3Wi6ZbX2vQQ2UMluIRdiH5CJm2ybg5VgiFiCRzz3qxf2kt3qnia2ltH1QNbaf5mn6YAJpGES4kjKggIpznCMPmXgcECA8ouLae0uZLe7hkgmjYq8UqlWQ+hB5BqOvUtT0ey1fUNaTVZIo4rKezkluI4wk1tCYGTym3FiCrCNWBLfN71RudEgm1O78IrYWyamun2pikWNQ/wBoRQ0gyBk7ld888lBR/X9egHndW9K0q81rUotP0yHz7qbOyPcFzgEnkkDoDXaosF/Nrs/hHSba8vLaaGC0gWySc/ZVDK0wiKkMzMqbmKkjd2zVzStJeX4mJbWOjW9zA8UX9qwR2KXENtKY8uoyrCP589CMHIHSj+v6/UDzMjBIPUUV2XhLw9fC51Xz7OVLuySNWtTpAvbkbz1FvIQuMdWI4yMdab4n8NS3/wASZtH8OWcbTTpHJHBGUjUsYRI+PmKqPvHAbA6DtQHc4+iu08C6fbXNjrD+RJcapD5Qgih06O/cRliJGWF2CtzsBPO0H3yNGKy0mXxBrX9paRNp+gLHEbuS5sxbz2s5C4Ea/MV3Nn92DjaT/dFPr/X9f8EDzqivTbLSVfWPEbXGmRxanG0JsrbT9LivVFuSQXihcqsgIEfz4Jw2epJFVbG3l1jxDLoWiOdUhigNtpt7p6+YhbHnOtsSwPqF52hs44FIDkNM1xtPsprKewtNRtJnWQwXQfCuMgMpRlYHBI64PccCqRjnv7i4lgticBppEgjO2Nc8nA6KM/hXVWOj6hq+meIreTRy2txy2zi2isljljXcwfbGqjaOVzgDsTW/atLpnjDWdJ0q0sTLNoq+TAlpDN5s32eNiq5U7s/MdoyGPODR5+X6f0g62/rc8vorv/DWnNcy66+p6dImvQmHZaQ6JFO8aHO9ltW2J/cydvAbOOcjF16DRG8XXi3EepaPb7VJg/s5RIsu0bh5RlARSckDccAgYxQBzVXbfVJ7bR73To1jMN48byMQdwKZxjnH8RzxXR+DtIF5Nqtxp4e6W1CCJRpCXtw6s2Nwt2fYBgfMSW25AB5rpLzR/suo+Kf+Ee0C21C7i+xPBEtgtwIjJGTIyRjcoGT0+ZRxjoKHsB5tpWlXmtalFp+mQ+fdTZ2R7gucAk8kgdAaqEYJB6ivS9K0xrn4ni2sNGt7q2MUK6nFFYJPDBKYsyAfKRH8+RxjBBHauHsvDmr3+vrokFhKupsSBazAROMLuOd+McDPNAGZRXaeBdPtrmx1h/IkuNUh8oQRQ6dHfuIyxEjLC7BW52AnnaD75Fy80aHVv+Elt9C0O6W+RrSRLOWyEdxF1EpWMFiiliDgHABHYUMPU8/orq/E+n6Ta+L5bW+lksYEtLcj+z7aOYFzChPHmIuCSTuBOT9c0aJJa2HhrxDfWttbXjwTW6Ws19aI7IrGQFtjblBIHQ7h9cA0AcpVzTNWvNGuGuNNkWGdkKCXylZkz3QsCUb/AGlwR613l1pgW81iXw7pNvd6ttspUtFsknEcUkIaV44SpX75UfdO0NxjNMuo7DS38R3cemafLeW1naM8LwrJFa3TsolCr93hifl+6DxggYoem4bq559Fbz3JkMEUkxjQySFFLbVHVjjoPepIrC5n0+4vYo91vbMiyvuA2l87eOpzg9K7fwvr0moavqselaXYwT3WlOEtks4ZPOnVFzsUpwG2s3lj5fY1BYXl/pnh/wAUTajptvFfLNaBre5sERYmO/B8naEBx2K45zjPND0/rzsG6ucPU1pZ3N/dJbWNvLc3En3IoULs3GeAOTxXR+JLPSI/F9wt5JNp9vJbwTBbG0SQB3iRmAQugUZYng8dMVe+Gq6ifHlrFoQvJ9P+2RG5kS3wTEGJUybd20dyN2MgdcA00tbCk7RucQQQcEYIorXi8NazfeJv7Eh0+ZdSkZittOPKb7pbnfjHyjPNa3gjSJbz+0riKLzZLVEHlRaYmoTHc2CVhdguBjljnHGOtJalSXK2jkqK9lg0rSbTxJeQrpGnzxT6haxMJbZGCrJavI4QAkJlhn5TgdjWX/Yovb8ajY2cCytpFnO9vZaNHeOXkyGZLclUA4+ZiDjIx1o/r71cX9fjY8uor019EuI/iJqiaJpUNxp9vDDc3UUWmQ3JO6NW2RoVkCF2YgBcgDnlVrK0+z1CZddntdAiPiFbmIjTjpyubeBtxYpbspHB8sZ2kgH3zQBw9FejaglnpFr4gu7bTdNa+hWxEiPbpNHazurecqKcqPmyNuCAeMcDEkehLN4n1e40+1jHlWtpL9ntdJS+kDSxqzGO3YhAuScnHy5AGM0dbA9DzWivUtT8N6Pc6jrlvJFDZ2lpcWdzNPAiK0aSQNu24LAKZCnygkDPHaqyaWLDxFc6ZFoFxdXNrpttDJPZaXHffZ5iquzNCw2sW5XJII7E0f1+H9IP6/r8zzaiuhvvDepX/jq40PTxb3180rBRbolujYXcRt+VUIAOV7EEVY8I2TzWWsS2NjDqGsQRxi0tZIBOSC2JHWIghyBjqDgEntmhaoGctRXa6VZalJba1LDosc/iSKaEGyfTEZoYSG3stsU25z5YJ28Bu2c11emadpUWqPHJpOmyyz3trBeRNArrBI1tI00af3PnXov3SMDGKHor+n4h1t/Wh4+AWYBQSScADvWnD4c1W48Q/wBhw2obUgxQwCVOGAyRuzjIAPftjrXY3VpaReIbTX5bS3it7PRrfUZooYVjjecjEahVAA3SFc8dAazPh9b3+r+MFJ00anbzOTetJYrcBQ2TkllOwk9xijrb1/yDpf0OTitp5zIIIZJfKQvJsUtsUdWOOgHrUVdt4JbU9M1LWNINiiX8mnzCO1urCN5mkCghAJFLHIydnQ+hqz4a05rmXXX1PTpE16Ew7LSHRIp3jQ53stq2xP7mTt4DZxzkHX5B0+ZxmmateaNcNcabIsM7IUEvlKzJnuhYEo3+0uCPWqZJJyeSa9c0i00htYugugRos+pwW8tvqWnrHJFut5GkCplvLBZdwAPAIxiqP2SOTV0mtfD0k8t5o1rMZdO0eO6S1kbkt9nICHcFIycEckUf1+Fw/r8bHn1tqdxBpN5pkSI0V68TOSCWBQnbjn/aPY0smi6imsvpIs5Zb9GKG3gHmvuAyRhc5I7jtg10tvpg0zxtql7qL211DooNy5hhWKOSTgRJ5agBTvZQy44ww7VJ8NJtau/Hdq1kt1NDLeRy38kMZb5dxOXYDhc84PBIHoMC1sKTsm+xyVhpeoarctb6XY3N7Mqlmit4WkYAHGSFBOMkVJZaHq2pXE0GnaXe3c0BxLHBbu7R84+YAccg9a6Hw/4Q1rUdbvrK4t9Ss7W02z38UcDmXbnKKI8ZZzn5cj1PQGlvLLUde8dand3vhXWJy0nmS2NojRyw7vubyY3xkDuBnrmhatFSVm/I5GSN4ZWjlRkkRirIwwVI6gjsabW/45Yv421J2nSdnkDMyYwhKglDgnJX7pOTkqTWBSTurg9wooopiCiiigAooooA0dE1l9Cv/ttva289wg/cvPvPkt2dQrAEj/ayPamaPqY0nU4702VvevEwdEuTJtVgQQ3yMpJGO5x7VRop3s7isTXl099fT3coUSTyNIwUcAscnHtzUNFFSlZWQ9wooopgFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV9F/sof6rxb/vWX/tevnSvov9lD/VeLf96y/9r0AfQ9FFFAHwPfWNzqWuW9nZRGW4mUKiAgZOT3PAHck8Acmq9v4f1G7uLyG0ijnayTzJzFcRuqruC5DBsNyw+6TXRaUsf/CTOyuwu1sZ/s8ZT92/7qTdufOVwORhTk8fL1HIQXdzbLKttcSwrMuyQRuV3rkHBx1GQD+FKNrL0HK9yTUdPudK1Kewv4vKubdzHKm4NtYdRkEg/hUU9xNdS+bczSTSbQu+RixwBgDJ7AAD8K6/w5Y23iTRdTm1yY5t7yGe5vmIMwRkkU/O2SQX8v15NdBBoVla3mo2SWRbWNOsrKPyrbTIr5ySuZnELsquclAWOSAfxDs1uLfY80isLmfT7i9ij3W9syLK+4DaXzt46nOD0qvXp8MUvl+K18N+Hrh599mfsF1pmWich97fZ8sAMkkA5ADDjgVWhtIB4p1GOy0KW6nNnAs76dpkd8ljclVMo8hv3fLBl6jac46Yo6/12A4TStKvNa1KLT9Mh8+6mzsj3Bc4BJ5JA6A1DFbTzmQQQyS+UheTYpbYo6scdAPWu98O6Lff8LPubD7Da6vbLNsvHi0yN4kUqSPl2YhOeCBjBBGeKp+CW1PTNS1jSDYol/Jp8wjtbqwjeZpAoIQCRSxyMnZ0PoaOl/IOtvM4mrunaPfastydPg80WsfmzfOq7V3Bc8kZ5YdK7Lw1pzXMuuvqenSJr0Jh2WkOiRTvGhzvZbVtif3MnbwGzjnIwPE9wtn4lvk0iG+0qKZEWe1liNs27CswMYY7VLDcFyQOPQUddQ16GRqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwqTTtHvtWW5OnweaLWPzZvnVdq7gueSM8sOlXvDz6nqPi6CS2tIda1CZnbydQxIkx2nJfcRnjJ5PUVlRXdza+ctvPJAJRslWNyocZBwcdRkA49hQvMH5GhcSahoMOqeH7yCON5JkFypO5kaMtgAg4/iOetZNdn4csbbxJoupza5Mc295DPc3zEGYIySKfnbJIL+X68mty58NabJb3WmahDDZf2Qtib25hRFkXdC+/5sc5kMYOc80Wa9dP6+QbnmFSLcTJbyW6TSLDIys8YYhXIzgkdCRk4+pr0u58NabJb3WmahDDZf2Qtib25hRFkXdC+/5sc5kMYOc81zuueGbu58YWfhvSLKNtQis4Y5IkKJvlEW9yScDPJ5J7UP+vTuPpqcstxMlvJbpNIsMjKzxhiFcjOCR0JGTj6mo67TwLp9tc2OsP5ElxqkPlCCKHTo79xGWIkZYXYK3OwE87QffI0YrLSZfEGtf2lpE2n6AscRu5LmzFvPazkLgRr8xXc2f3YONpP90U+v9f1/wdBHnVFejWuh3k3ifXZ3063ge3Efk2thpKX5MTHCNFCxVGTaATIQTyO7Gt+DStJtPEl5CukafPFPqFrEwltkYKslq8jhACQmWGflOB2NLpf+t7B1t/W1zxqr+kaJfa7dG201YZJgMiOS5jiLeyh2G4+wya9HmsHk027vtF8O2d7qMunafMsUWmrKImcSB3WILt7DqCO5GcVR0nSZJvi5atpOnlltxE1+LKHMNvMYf3g+XhRv3DHQEEdqOrQdLnm9Fdz4P0QRw61Fe2F0NatvJEVr/ZSXkyISd7C3lZQf4MkgkBs45yM3V9Fk1vx5JpnhzSrm3uJwCLK5hW1ZXEe5/kLEIDhmAzwCAO1AHMUV1PhGyeay1iWxsYdQ1iCOMWlrJAJyQWxI6xEEOQMdQcAk9s1c0qy1KS21qWHRY5/EkU0INk+mIzQwkNvZbYptznywTt4Dds5oA4qgAswCgkk4AHevYNM07SotUeOTSdNllnvbWC8iaBXWCRraRpo0/ufOvRfukYGMVh3VpaReIbTX5bS3it7PRrfUZooYVjjecjEahVAA3SFc8dAaNnr/AFpcN1p/Wtjh7nSL+1v7mzltnNxaAm4SP5/KA6liuQMZ59O9U67PwJqd9Jf6zbwJb3N5e2E7xpLaRTSTS4DbRuUk5wTs6H0NXPDWnNcy66+p6dImvQmHZaQ6JFO8aHO9ltW2J/cydvAbOOcg1/AP8zgKkht57jzPs8MkvloZH2KW2KOrHHQD1rv7a2t38XawuneGNU+aGMY/sRJ3spDtLE2rkoFfDYBYbQeKXRGvtM8W+I9Ht/7PvbqSznEIi06E+bIFBCKhTg4zmMcZBGDijp8mw/zRxGnaPfastydPg80WsfmzfOq7V3Bc8kZ5YdKj1HT7nStSnsL+Lyrm3cxypuDbWHUZBIP4VYv7nVrPUrtLtZdOuZQEuLeOEWvHBCmNQoA4Bxj3pLGy1PxPriW1tvvdRu2JBlmAaRsEnLORzwepo3tYNr3Gado99qy3J0+DzRax+bN86rtXcFzyRnlh0qPUdPudK1Kewv4vKubdzHKm4NtYdRkEg/hTY7i6sjNFDNNAZB5cqo5XcAc7Wx1GQDj1FdR4bhvdT03WL+ytRrGvebDtW4hF0yxsW8yXY4YMchASQcBs8daN9UG25zF9YXOmXX2a9j8qXYj7dwPysoZTkeoINS2+qT22j3unRrGYbx43kYg7gUzjHOP4jnivTrrT4LrxLrzvD9p1aG2sRDHaabFf4QwqJGjgZgjDO0ZAO0Hgc5GPbW1u/i7WF07wxqnzQxjH9iJO9lIdpYm1clAr4bALDaDxR5B0PPKK7210eW31bxKlpBZavrVr5YtYY7JGVgzfvGW327dyjAK7TtJb0zVTS2lsrPxRe6vo9odRtY4dkN1YoiwO0gXIi2hRwemMHuDSuBzGlaVea1qUWn6ZD591NnZHuC5wCTySB0BqoRgkHqK7zwg0viPxzFJZeHbdrOREjvo0sEmiUhMF8bMRbmGflx6VF4Y0nUrbRvECReHftmsWr26xwXOn+fJBu37m8tlPbHUEdDjpTA4yG3nuPM+zwyS+WhkfYpbYo6scdAPWp9K0q81rUotP0yHz7qbOyPcFzgEnkkDoDXodjcm18W61p2kWtgbq40klraOzhlBuxEhkjjBU8bg/7scZBGOBWX4N0/WL3x8YL/QVkDMFv4H0iPbCCp25Ty8RZwOQFzR1t5f5h0ucKRgkHqKK7DQNIv7bTdWS00Y3PiG3lhX7Hc2QmkihIYu4hdTk58sE7TgN2zmtbUEs9ItfEF3babprX0K2IkR7dJo7Wd1bzlRTlR82RtwQDxjgYHoG5w2naPfastydPg80WsfmzfOq7V3Bc8kZ5YdKj1HT7nStSnsL+Lyrm3cxypuDbWHUZBIP4VteLXbTfE10mmsbOK6toHlitj5aNviSQjauBt3HOOg49Kr+Hn1PUfF0EltaQ61qEzO3k6hiRJjtOS+4jPGTyeooDpco6do99qy3J0+DzRax+bN86rtXcFzyRnlh0ovNH1DT7y8tbq1kWWxbbchRvERzt5ZcjGSBnPeoIru5tfOW3nkgEo2SrG5UOMg4OOoyAcewrp/DUWo65pPilYY7rUb6e0iYhVaWWQ/aIyT3J9aPQNnr3OSorsdB0fULXTdWS10VrjxDbywgWdzYiaSKBgxdxC6nJz5YJ2nAbtnNal1HYaW/iO7j0zT5by2s7RnheFZIrW6dlEoVfu8MT8v3QeMEDFD0/r+v+HD+v6/rY86or0Lw4dO1/wDta+ttLEWppFbLHbWemxXuRjEsqW7FU5YLnAO0Nx6ja0i00htYugugRos+pwW8tvqWnrHJFut5GkCplvLBZdwAPAIxih6bhu/67XPI6t6VpV5rWpRafpkPn3U2dke4LnAJPJIHQGtrxxFCuo6bPBbwW5u9Lt7iRLeJY03svJCqAB0qx8OLG7v/ABVFDDpa6hZsdt3vsVuFjUg4JLKdnI6jBo7r1DockRgkHqKK7fwxpOpW2jeIEi8O/bNYtXt1jgudP8+SDdv3N5bKe2OoI6HHSr8VpAPFmpxWWhS3U32SBZn03TI76OxuCqmUCBvkwWDL1G05x0xR1sB5zRXdP4cnuV8U6da28GqapBPbtH9itVVgmWD7Y1A2Y3KGUDg8HpmuosNL0211mS3k0jTJ1kurK3cPAkihWs2Z9pHAyy53D6g96Ol/T8bf5h9qx47RXS+OIoV1HTZ4LeC3N3pdvcSJbxLGm9l5IVQAOlTeE7Ga40XVLjSNPi1HV4pIVihktluPLiYtvkEbAqeQgJIO0NnjrR38v87B2OcvrC50y6+zXsflS7EfbuB+VlDKcj1BBqfSNEvtdujbaasMkwGRHJcxxFvZQ7DcfYZNeh63Z3Musa1Lpen22p65FHYqIUtY7kLCYB5jxxbSrDcEGQpwDxjNVtK0aV/i1ZtpenMfIWJ9QSziLRWs7RfvF+XIUb8jHQHIHSgOh50txMlvJbpNIsMjKzxhiFcjOCR0JGTj6mo67DQNIv7bTdWS00Y3PiG3lhX7Hc2QmkihIYu4hdTk58sE7TgN2zmtW6jsNLfxHdx6Zp8t5bWdozwvCskVrdOyiUKv3eGJ+X7oPGCBihgedUVe1jUIdU1D7VBYxWW6NBJHCAEZwoDOFAAXcRnaBgZrb8EQtNNfiPRrvUHMKqlxa6at+bU7gcmF/lO4AjJII7U1qDMHStKvNa1KLT9Mh8+6mzsj3Bc4BJ5JA6A1DFbTzmQQQyS+UheTYpbYo6scdAPWu98O6Lff8LPubD7Da6vbLNsvHi0yN4kUqSPl2YhOeCBjBBGeKp+CW1PTNS1jSDYol/Jp8wjtbqwjeZpAoIQCRSxyMnZ0PoaXS/kHW3mcatxMlvJbpNIsMjKzxhiFcjOCR0JGTj6mo6uast6uqTjVLX7JdgjzIPsy2+w4H/LNQAvGOw9a6DwPpUl8uo3MEfnPbIgEUWmJqEx3NjKwuwXAxyxzjjHWhag9Dk6K9lg0rSbTxJeQrpGnzxT6haxMJbZGCrJavI4QAkJlhn5TgdjVJNL0+6Mt5b2C/wBqTaXYzpb2OkQ3WA+7zXS2Yqh5CAnBxnPfIP8Agfirh/X42PK4bee48z7PDJL5aGR9iltijqxx0A9ajr0rTLvyPF+v2GiaX9mkudOkMdje6XEsxn2KWVY2DkKcMwjyRjHBwK43+x9a1rxT/Zn9niLVZmx9kMKWmCFzjZhVXgZxgZ/GjqvQOl2Y9FK6NG7I42spwQexrqPB9m1xYavNp9lDqGrwxx/ZLWSATkqWxI6xEEOQMcEHAJOOM0A9DlqK7XSrLUpLbWpYdFjn8SRTQg2T6YjNDCQ29ltim3OfLBO3gN2zmtHUEs9ItfEF3babprX0K2IkR7dJo7Wd1bzlRTlR82RtwQDxjgYHog3POaK9HSxjTxfqi2WgXFz51nbSLJY6Ul6to7xo7HyGGzDfMO2O3pRpOiQR6t4kik2X+rWskQhFjpEV1+7JO8rasVQEfIrDB2En60WDpc84qSG3nuPM+zwyS+WhkfYpbYo6scdAPWu/Wxt5dY8Qy6FojnVIYoDbabe6evmIWx5zrbEsD6hedobOOBVfwleatDreuWEthbx6lcWE220k0uFXaUKCEWMpxkAnYBg+ho6fIP8AM4SpIbee48z7PDJL5aGR9iltijqxx0A9a7vw1pzXMuuvqenSJr0Jh2WkOiRTvGhzvZbVtif3MnbwGzjnIt6Zd+R4v1+w0TS/s0lzp0hjsb3S4lmM+xSyrGwchThmEeSMY4OBR/kHU81orsrLRtR1fTfEVvLo5bXI5LZxaxWKxSxrkhisaqNo5TOAOoJrVvrez0a48STJpmnTS2dhYGEPCkkccjrGGcAfK3JJ7gnrmgOp5xRV7WNQh1TUPtUFjFZbo0EkcIARnCgM4UABdxGdoGBmt7wPpUl8uo3MEfnPbIgEUWmJqEx3NjKwuwXAxyxzjjHWhagzk61IfDerXGuxaPDa7r+ZFdIfMQZBTeDuzj7vPX9a7rUtESDWvEB8NaVb3mpRm0MVsLWOZYo5I90sixHemN20cZChuDjmp0sL6++LzQDTIdRtjBbJelbGO4iQfZ15B2kICRwVx7UAeVEYJB6irelaVea1qUWn6ZD591NnZHuC5wCTySB0BrrPDGk6lbaN4gSLw79s1i1e3WOC50/z5IN2/c3lsp7Y6gjocdK1NK0xrn4ni2sNGt7q2MUK6nFFYJPDBKYsyAfKRH8+RxjBBHagDzQjBIPUUV1/hPTbu11HUrS78PajNdpEqbk0kXj2bFg2WgkG07gCMnBHUVetdHlt9W8SpaQWWr61a+WLWGOyRlYM37xlt9u3cowCu07SW9M0AcbpWlXmtalFp+mQ+fdTZ2R7gucAk8kgdAaqEYJB6iu58Gafq9749aC90JZVZ9t/C+kxlYAVOMpsxFnHUBaqaPDLofh3xBNe6VANRtZbZEXULMO0G/fk7HGMkY4II6HHANHS4HI0V6lbaDFc6zrzaXaWaXv2eykgV9Oa6jjMsYeTEKRvgH12ELnHGRXGeN5I5PGF8ILEWEUbKiwfYxbYwo58sAYyckZGcEZoemgb6mBV/SNEvtdujbaasMkwGRHJcxxFvZQ7DcfYZNdJ4EsLW70/V5BDJcanEIfs8cOmx37iMk72WB2CtzsBPO0H3yNLRdMe6+L0Umi6LqFvbwSK1zDJZGI27GPksgLCNS2SATwDgUPewHC6VpV5rWpRafpkPn3U2dke4LnAJPJIHQGoYraecyCCGSXykLybFLbFHVjjoB611/gLRdU/4TRbC50N541YJfRXOnCUwqVJG7epMefXg07wS2p6ZqWsaQbFEv5NPmEdrdWEbzNIFBCASKWORk7Oh9DR0+QdTltO0e+1Zbk6fB5otY/Nm+dV2ruC55Izyw6VHqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwqxf3OrWepXaXay6dcygJcW8cIteOCFMahQBwDjHvSWNlqfifXEtrbfe6jdsSDLMA0jYJOWcjng9TRvawbXuM07R77VluTp8Hmi1j82b51Xau4LnkjPLDpU8fhrVpfEjaBHaZ1NZGjMHmJwygkjdnb0B71SjuLqyM0UM00BkHlyqjldwBztbHUZAOPUV1fw/h1LWvGStLYtq0Mz/AOnSXFmLrAIOCzMrFSSOuQT60b7BtucaRgkHqK1V8Mau9xcwLaZltYEuZl81PljfbtbrznevA55rc8PaLqEGn6wtto5uNftpIEW0urMSvDE24u/lSAg87BkqcBs8ZzUfj66u7TxneJHceU0trbJN9mcKkg8mM4+T5SuQCAOOBijTqGr2Ob1HT7nStSnsL+Lyrm3cxypuDbWHUZBIP4VJp2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSr3h59T1HxdBJbWkOtahMzt5OoYkSY7TkvuIzxk8nqKyoru5tfOW3nkgEo2SrG5UOMg4OOoyAcewoXmD8izNoepw65Jo5spZNRikMbW0K+a24dQNuc9O1RWGl6hqty1vpdjc3syqWaK3haRgAcZIUE4yRXXfDa412+8eWslsb26jlu4pNQmRWkJUNkGR+TtzzycEgE9BVbw/4Q1rUdbvrK4t9Ss7W02z38UcDmXbnKKI8ZZzn5cj1PQGmltcO9vL8TnrLQ9W1K4mg07S727mgOJY4Ld3aPnHzADjkHrS2Wh6jqD3aWtqzPZpvuFZghjG4LyGI5yQMda6G8stR17x1qd3e+FdYnLSeZLY2iNHLDu+5vJjfGQO4GeuaqeMr25g8aauYL9j9oYed5D7QQQreW2CQ20gA8nJXPWpT0Vwa3sYeo6fc6VqU9hfxeVc27mOVNwbaw6jIJB/CpNO0e+1Zbk6fB5otY/Nm+dV2ruC55Izyw6U+xstT8T64ltbb73UbtiQZZgGkbBJyzkc8HqarR3F1ZGaKGaaAyDy5VRyu4A52tjqMgHHqKa8wfkO1HT7nStSnsL+Lyrm3cxypuDbWHUZBIP4VWrt/BkEerW+tXlz9ov9ZBiaPFgmoylGY+Y4ikYBznYCxyQD75HS6RaaQ2sXQXQI0WfU4LeW31LT1jki3W8jSBUy3lgsu4AHgEYxRstf62/zDd6f11PI6t6VpV5rWpRafpkPn3U2dke4LnAJPJIHQGvRv7FF7fjUbGzgWVtIs53t7LRo7xy8mQzJbkqgHHzMQcZGOtFtojf8Lems9M0aG6051ia6Qaek0cYeEMSOHEYLE42nHYHFGzt6/gHQ8+0nQ77XLtrbTVhedRkRyXMcRb2Xew3H2GTTNO0e+1Zbk6fB5otY/Nm+dV2ruC55Izyw6V0ngLQtXX4g2kbaXeh7OXNypt3zBlTjeMfLn3rmZBqWjXFxaSi6sJmUJPC26JiOGAZeDjocH2NGnUHfoN1HT7nStSnsL+Lyrm3cxypuDbWHUZBIP4VJp2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSr3h59T1HxdBJbWkOtahMzt5OoYkSY7TkvuIzxk8nqKyoru5tfOW3nkgEo2SrG5UOMg4OOoyAcewoXmD8ie70fULLUbuwuLST7TZbvtCIN/lhfvElcjA9elUq7TwNq2oz6hrMKeVe3t7YTtH9oto7iWeUAHaC6lmyAfl6HHQ1b8Nac1zLrr6np0ia9CYdlpDokU7xoc72W1bYn9zJ28Bs45yDX8A8/M4CpIbee48z7PDJL5aGR9iltijqxx0A9a7+2trd/F2sLp3hjVPmhjGP7ESd7KQ7SxNq5KBXw2AWG0Hil0Rr7TPFviPR7f+z726ks5xCItOhPmyBQQioU4OM5jHGQRg4o6fJsP80cPpuk3mrzvFYxq3loZJHklWOONfVnchVGSByRyQKjv9PudMvXtL6Py5kwSAwYEEZBDAkEEEEEEgg16HoOk3F7pV5Hq2ks129y7z6eIDahzGsKoGSMIVVRO8hAK/dye9a97pWl/2hf21lZzNqOn28cVvax6ct/LFCZ5TxDKwDEIYuTkgN75A9Lf1/X9MFqm/63seO0V6LFZaTL4g1r+0tIm0/QFjiN3Jc2Yt57WchcCNfmK7mz+7BxtJ/uiltdDvJvE+uzvp1vA9uI/JtbDSUvyYmOEaKFiqMm0AmQgnkd2NAHnNFeywaVpNp4kvIV0jT54p9QtYmEtsjBVktXkcIASEywz8pwOxqhNYPJpt3faL4ds73UZdO0+ZYotNWURM4kDusQXb2HUEdyM4oe1/T8VcP6/Gx5xpGiX2u3RttNWGSYDIjkuY4i3sodhuPsMmqFekaTpMk3xctW0nTyy24ia/FlDmG3mMP7wfLwo37hjoCCO1UPB+iCOHWor2wuhrVt5Iitf7KS8mRCTvYW8rKD/BkkEgNnHOQAcNRXT6vosmt+PJNM8OaVc29xOARZXMK2rK4j3P8hYhAcMwGeAQB2p3hGyeay1iWxsYdQ1iCOMWlrJAJyQWxI6xEEOQMdQcAk9s0IGctRXa6VZalJba1LDosc/iSKaEGyfTEZoYSG3stsU25z5YJ28Bu2c11emadpUWqPHJpOmyyz3trBeRNArrBI1tI00af3PnXov3SMDGKHor+n4h1t/Wh5Zp2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSo9R0+50rUp7C/i8q5t3Mcqbg21h1GQSD+FdF4xma0v7GbTwtj/aGk28tzHZqIY3JGT8q4GMqDj1GaxLGy1PxPriW1tvvdRu2JBlmAaRsEnLORzwepo1vb1DpdjNO0e+1Zbk6fB5otY/Nm+dV2ruC55Izyw6VHqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwpsdxdWRmihmmgMg8uVUcruAOdrY6jIBx6iul0S+ZfDfiHV7mC3v9QWa22XF/Ctwyly+5vnyCTjvkfiBg8w12ZydFelR6Es3ifV7jT7WMeVa2kv2e10lL6QNLGrMY7diEC5JycfLkAYzW3BpWk2niS8hXSNPnin1C1iYS2yMFWS1eRwgBITLDPynA7Gh6LX+tbAtXp/WlzxqrunaPfastydPg80WsfmzfOq7V3Bc8kZ5YdK9LTS9PujLeW9gv9qTaXYzpb2OkQ3WA+7zXS2Yqh5CAnBxnPfI4fxPcLZ+Jb5NIhvtKimRFntZYjbNuwrMDGGO1Sw3BckDj0FGzsw3V0ZGo6fc6VqU9hfxeVc27mOVNwbaw6jIJB/CpNO0e+1Zbk6fB5otY/Nm+dV2ruC55Izyw6Ve8PPqeo+LoJLa0h1rUJmdvJ1DEiTHacl9xGeMnk9RWVFd3Nr5y288kAlGyVY3KhxkHBx1GQDj2FC8wfkP1HT7nStSnsL+Lyrm3cxypuDbWHUZBIP4VWrrfCDXGo3+pTT6Zf6tdTRj/TItPXUXgYsCWaKT5W3AEZJBHUVdfw5Pcr4p061t4NU1SCe3aP7FaqrBMsH2xqBsxuUMoHB4PTNGvUNNThaK9Rl0l7aXxAuiaBaahfW8OnCGOOyW6EZaH53VQCpyeScEHrzwaYdP+bxE+haDaahqcKWQaCKxW5W3mZG8/ZGAQAGyMYIBHTgYGB5jRXpFzp6fadYfw5pVpea5ELQS2kVolwsO6P8A0gxwkMvEm1TwduSBimXUdhpb+I7uPTNPlvLaztGeF4Vkitbp2UShV+7wxPy/dB4wQMUbAefQ289x5n2eGSXy0Mj7FLbFHVjjoB61HXf+F9ek1DV9Vj0rS7GCe60pwlslnDJ506oudilOA21m8sfL7GuM1Zb1dUnGqWv2S7BHmQfZlt9hwP8AlmoAXjHYetD0dgW1ynRXaeAtJOpWGsvaRW76hEsK27XFi14qBmJf90scnZcbipA6ZG6tK+uLSDUPF18mh2kb2UdulrBdacsQhYuql/KwMZyWAYcgjcD0oegHnNFdzp0v9tWWp6h4f0G1k1lfsyfZEtEuAI9pEsqQFSvLhM4U7d3HXNW9Q0CO/j1600jTIptWSOxlltbOIO0EhBE6oFzgByAQOB06Ch6Aed1d07R77VluTp8Hmi1j82b51Xau4LnkjPLDpXokukvbS+IF0TQLTUL63h04Qxx2S3QjLQ/O6qAVOTyTgg9eeDXI+LJv7P8AElzFpjraGW3hW9hs22RCbYrSIAvGBID8vQEe1GiYamLqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwqTTtHvtWW5OnweaLWPzZvnVdq7gueSM8sOlPsbLU/E+uJbW2+91G7YkGWYBpGwScs5HPB6mq0dxdWRmihmmgMg8uVUcruAOdrY6jIBx6iheYPyHajp9zpWpT2F/F5VzbuY5U3BtrDqMgkH8KSKwuZ9PuL2KPdb2zIsr7gNpfO3jqc4PSut8Krf6joniC+ttLGuasJLco89p9skXcXDPtIOT9QR044Fal7cwaRYeJpLKzsDMv9niaEwrJBDcFG83anK8NuG0ggHPHAwtlqPd6Hm1FekXWmBbzWJfDuk293q22ylS0WyScRxSQhpXjhKlfvlR907Q3GM03UEs9ItfEF3babprX0K2IkR7dJo7Wd1bzlRTlR82RtwQDxjgYb03EtdjzmrunaPfastydPg80WsfmzfOq7V3Bc8kZ5YdK9Eg0jTn1jXHtLMtqAgspoLe10uK8KLJGGlZLd2VSNxXsdobgdxx3ie4Wz8S3yaRDfaVFMiLPayxG2bdhWYGMMdqlhuC5IHHoKNnZhutDI1HT7nStSnsL+Lyrm3cxypuDbWHUZBIP4Uy0s7m/uktrG3lubiT7kUKF2bjPAHJ4rV8PPqeo+LoJLa0h1rUJmdvJ1DEiTHacl9xGeMnk9RWz8L/7XbxtZx6ZFctbG6ia9NvESFQNkb2A4XPOCcEgegoSezFJ2TaOVsNL1DVblrfS7G5vZlUs0VvC0jAA4yQoJxkivoP8AZUjeH/hMI5UZJEezVkYYKkfaMgjsa8h8P+ENa1HW76yuLfUrO1tNs9/FHA5l25yiiPGWc5+XI9T0Br3X9n64u7zxR4+utQsJdPnnns5DbTRlHQET7cg85xg579aV9i2rNrse3UUUUyT4YtodZHiaK70DS59Slto8yRRW7zKVbcpDBecEEjtXPzQzXmrNBbaeYZ5JdiWUCuxVs42AMWYnPYkmt9NKm1LXMpomp6vDFEDJFpxKspJOCWEb4HB7fjXRtPYW3jbWryXXLGLVp50itzLHKwhV1HmYMauC4B8vJP8AeOc0QV+VBN2uzgbTQtXv7ua1sdKvbm4tziaGG3d3jOcfMoGRzxzT7bw7qt1qE9hHZsl7AhZ7Wdlil4GSAjkFmxztAJ9q7G+tpH8X+LLC20i+8QQXV0TMdKLo0BEpYAloW5yCDxjjgmsyw01NF+LFjZaNMt4IbuLy/NkAwSASjOoYZUkqSAeQeO1KL5kvMcvdb8jj6Ks6gtomoTLp8s01vu+R54xG5+qhmH6/l0qtQtUDVnYKKKKYgooooAKKKKACiiigAooooAKKKKACiiigC7b6pPbaPe6dGsZhvHjeRiDuBTOMc4/iOeKpUUUAFFFFABRRRQAVItxMlvJbpNIsMjKzxhiFcjOCR0JGTj6mo6KACiiigAooooAKuaZq15o1w1xpsiwzshQS+UrMme6FgSjf7S4I9ap0UABJJyeSaKKKACiiigAooooAKu2+qT22j3unRrGYbx43kYg7gUzjHOP4jniqVFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBdt9UnttHvdOjWMw3jxvIxB3ApnGOcfxHPFUqKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKuaZq15o1w1xpsiwzshQS+UrMme6FgSjf7S4I9ap0UABJJyeSaKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigC7b6pPbaPe6dGsZhvHjeRiDuBTOMc4/iOeKpUUUAFFFFABRRRQBraV4gfTdOutPlsbS/s7p0keG58wAOmdrBo3VujHjOOelV9X1a41q+FzcrHHtjSGKKIEJFGowqDJJwAO5J9Sao0UbgFFFFABRRRQAVc0zVrzRrhrjTZFhnZCgl8pWZM90LAlG/2lwR61TooACSTk8k0UUUAFFFFABRRRQAUUUUAFFFFAFzTNWvNGuGuNNkWGdkKCXylZkz3QsCUb/aXBHrVMkk5PJNFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAGppmuNp9lNZT2FpqNpM6yGC6D4VxkBlKMrA4JHXB7jgVnTy+fcSS7Ej8xi2yNcKuTnAHYUyigAooooAKu2+qT22j3unRrGYbx43kYg7gUzjHOP4jniqVFABRRRQAUUUUAFFFFABVzTNWvNGuGuNNkWGdkKCXylZkz3QsCUb/aXBHrVOigAJJOTyTRRRQAUUUUAFFFFABRRRQAUUUUAXbfVJ7bR73To1jMN48byMQdwKZxjnH8RzxRb6pPbaPe6dGsZhvHjeRiDuBTOMc4/iOeKpUUAFFFFABRRRQBraV4gfTdOutPlsbS/s7p0keG58wAOmdrBo3VujHjOOelV9X1a41q+FzcrHHtjSGKKIEJFGowqDJJwAO5J9Sao0UbgFFFFAF231Se20e906NYzDePG8jEHcCmcY5x/Ec8VSoooAuaZq15o1w1xpsiwzshQS+UrMme6FgSjf7S4I9apkknJ5JoooAu2+qT22j3unRrGYbx43kYg7gUzjHOP4jniqVFFABRRRQAUUUUAFFFFABX0X+yh/qvFv+9Zf+16+dK+i/wBlD/VeLf8Aesv/AGvQB9D0UUUAfBOpafeanrUdtptpPd3DRZWK3jMjEAnPAGayLq0uLG6e2vbeW2njOHimQoyn0IPIr0nUvDusWOl65oMds66432aWS0idXkmth5m4KFJLYYoSB6A9q5PSLDW4PGFpZHS4r7UkUqlhqIDLjYTtdWYYwOcEjGBSWmg3rdmLBY3FzaXNzBHvitVVpjuGVDNtBxnJGSBx0yKs6JrL6Ff/AG23tbee4QfuXn3nyW7OoVgCR/tZHtVjwxqENh4gRb/ixula1uwP+ebjaT/wE4Ye6itHQtP1LSfEuo2EotPs1srR6n9tz9nMIYctjnk7Su35s4281Qmcr160V22kWenT3PiCbwlZtqU8Ij/s22vbdZpdjNiRhFyrlRjqDgHOARxFY6PqGr6Z4it5NHLa3HLbOLaKyWOWNdzB9saqNo5XOAOxNSD6nHVf0jRL7Xbo22mrDJMBkRyXMcRb2UOw3H2GTXcX1vZ6NceJJk0zTppbOwsDCHhSSOOR1jDOAPlbkk9wT1zVLweJ/EPxGsNQ0zRWhjh2fahaQkxo3lkFyFUKgYgnHAHSn6B6nC0VNd2dzYXT219by21xGcPFMhR14zyDyKl0+PT5JmGq3V1bRbfla2tlmYn0IZ0wPfP4UARLZ3LWb3i28rWyOI3nCHYrHkKW6An0pLm0uLOUR3cEsDlQ4WVCpKkZBwexHINdn4Ea10y61PU9SdpPDCAQXC3Fvn7WxOYkEYbG8Eb+GOADzzzgeLLTULXxLdNqsouJrlvtCXK/cuEflZE/2SOnp07UPRr+v67gupT07R77VluTp8Hmi1j82b51Xau4LnkjPLDpVoeFNffULuxg0e8ubiyk8u4S2hM3lN6EpkdjWbBd3Nssq21xLCsy7JBG5XeuQcHHUZAP4V1el2mreIfA2s/Zbe81S8fU7aSTy0eaRv3c2WOMnqRyfWn5r+tQ6/12Ods9D1bULqa2sNLvbqeA4miht3do+cfMAMjnjmo5tMv7eW4juLK5iktQDcK8TKYckAbgR8vJA59RXps0SaqddtjaXWtXcel2EV7HpsoMks6MoYhwjg4wATg/dP1rnNF0i8mtPFunWGk36XH2WIJYyIZJ1/fxnBAVSTjn7opf8EP+B+Jy+naRqWryPHpOn3V88Y3OttA0hUepCg4qxB4Z166uJ7e20TUZprYhZ447SRmiJ6BgBkfjXSeFNGul0vxPp1/omp3NwsNvvsbdTFcf60EcFGI45+70qp4UtjZ/Eq3gNnc2OxpR9nuzmWP903DHavP/AAEUAYyeGdelvpbKPRNRe6hUNJAtpIZEB6ErjIBpsHh3V7i4vLdbGVJ7FPMuYpsRtEuQOQ2D1Yce9dB4Is/t+g+JLf8As2+1LdDAfs1g22VsTDkHY/TqflPFc7eNc6VqN5bW8d9pgb5JLaeQiQLkEK+FXPIB+6O3FHXUXoQajp9zpWpT2F/F5VzbuY5U3BtrDqMgkH8KSKwuZ9PuL2KPdb2zIsr7gNpfO3jqc4PSo7i4mu7iS4uppJ5pG3PJIxZmPqSeSa6jw1fNp3gvxDcRwW87iW1Ci5iEqqSZPm2N8pP+8CPal01H10OXht57jzPs8MkvloZH2KW2KOrHHQD1oht57jzPs8MkvloZH2KW2KOrHHQD1r0qymks/GGt2GkWdn5l7pAmhthYwuXmaCNyiKyng5Y7BwfTpWb4UvNXh1zXLCfT7eLUrjT5dlpJpcKu0oUEIsZj4yoJ2AYPXBNN6fdf8/8AIFqr+f8AkcHRXe6HZ6tJY+I5T4biutbhktgts+kqzQbt4JEATaOMcFcdDjODVmK0gHizU4rLQpbqb7JAsz6bpkd9HY3BVTKBA3yYLBl6jac46Yo6gec0AFmAUEknAA711cenahbfEp7KxtNN1q9SVwsD26JBL8hJBj+VVIGcrxhhjtVPwnBHHqVxq95GrW2kxG6ZCOHkziJPxcr+ANCtuwd9kZF7YXOnahLY3cey5hfY8YYNtb04JGfb14q0PDusPq0+l2+nXFzfW+fNgtkMzJjGc7M9CQD6HitDwwBJrF1rupDzotNRryXf0llJxGp+sjLn2BqbwnoeqeKtRvGEl6bKMi51B7ZGkd/mJAVF+85OcenJ4ANNdLg/L+v60OZkjeGVo5UZJEYqyMMFSOoI7Gp7DTb7VLn7PplncXk+0t5VvE0jYHU4AJxXcXd9OP8AhLtZv9Dgt9Q+1W5ih1GzDtbh9/O1xgkrjOQQeuOlav8AZ1hPD4isrWxuZp5RYXbabpYCSXCGLcyqADtQSOGIVTjjgdQlqrg9HY8smhltp3huI3iljYq8bqVZSOCCD0NXx4c1l9SbT4NNubm7WJZjDbRmZgjKGDYTPGGX869B1eJtT1LVbrRdMtr7XoIbKGS3EIuxD8hEzbZNwcqwRCxBI5571Yv7SW71TxNbS2j6oGttP8zT9MAE0jCJcSRlQQEU5zhGHzLwOCBAeUXFtPaXMlvdwyQTRsVeKVSrIfQg8g1HXqWp6PZavqGtJqskUcVlPZyS3EcYSa2hMDJ5TbixBVhGrAlvm96o3OiQTand+EVsLZNTXT7UxSLGof7QihpBkDJ3K7555KCj+v69APO6t6VpV5rWpRafpkPn3U2dke4LnAJPJIHQGu1RYL+bXZ/COk215eW00MFpAtkk5+yqGVphEVIZmZU3MVJG7tmrmlaS8vxMS2sdGt7mB4ov7VgjsUuIbaUx5dRlWEfz56EYOQOlH9f1+oHmZGCQeoorsvCXh6+Fzqvn2cqXdkkatanSBe3I3nqLeQhcY6sRxkY603xP4alv/iTNo/hyzjaadI5I4IykaljCJHx8xVR944DYHQdqA7nH0V2ngXT7a5sdYfyJLjVIfKEEUOnR37iMsRIywuwVudgJ52g++RoxWWky+INa/tLSJtP0BY4jdyXNmLee1nIXAjX5iu5s/uwcbSf7op9f6/r/AIIHnVFem2Wkq+seI2uNMji1ONoTZW2n6XFeqLckgvFC5VZAQI/nwThs9SSKq2NvLrHiGXQtEc6pDFAbbTb3T18xC2POdbYlgfULztDZxwKQHnlSQ289x5n2eGSXy0Mj7FLbFHVjjoB611tjo+oavpniK3k0ctrccts4torJY5Y13MH2xqo2jlc4A7E1v2rS6Z4w1nSdKtLEyzaKvkwJaQzebN9njYquVO7PzHaMhjzg0dH/AF0Drb+tzy+iu/8ADWnNcy66+p6dImvQmHZaQ6JFO8aHO9ltW2J/cydvAbOOcjF16DRG8XXi3EepaPb7VJg/s5RIsu0bh5RlARSckDccAgYxQBzVFdh4O0gXk2q3Gnh7pbUIIlGkJe3DqzY3C3Z9gGB8xJbbkAHmukvNH+y6j4p/4R7QLbULuL7E8ES2C3AiMkZMjJGNygZPT5lHGOgoA820rSrzWtSi0/TIfPups7I9wXOASeSQOgNVCMEg9RXpelaY1z8TxbWGjW91bGKFdTiisEnhglMWZAPlIj+fI4xggjtXD2XhzV7/AF9dEgsJV1NiQLWYCJxhdxzvxjgZ5oAzKK7TwLp9tc2OsP5ElxqkPlCCKHTo79xGWIkZYXYK3OwE87QffIuXmjQ6t/wktvoWh3S3yNaSJZy2QjuIuolKxgsUUsQcA4AI7Chh6nn9FdX4n0/SbXxfLa30sljAlpbkf2fbRzAuYUJ48xFwSSdwJyfrmjRJLWw8NeIb61tra8eCa3S1mvrRHZFYyAtsbcoJA6HcPrgGgDlKK9IutMC3msS+HdJt7vVttlKlotkk4jikhDSvHCVK/fKj7p2huMZpl1HYaW/iO7j0zT5by2s7RnheFZIrW6dlEoVfu8MT8v3QeMEDFD03/r+vzBaq559Dbz3HmfZ4ZJfLQyPsUtsUdWOOgHrUkVhcz6fcXsUe63tmRZX3AbS+dvHU5weldv4X16TUNX1WPStLsYJ7rSnCWyWcMnnTqi52KU4DbWbyx8vsagsLy/0zw/4om1HTbeK+Wa0DW9zYIixMd+D5O0IDjsVxznGeaHp/XnYFqjh6mtLO5v7pLaxt5bm4k+5FChdm4zwByeK6PxJZ6RH4vuFvJJtPt5LeCYLY2iSAO8SMwCF0CjLE8Hjpir3w1XUT48tYtCF5Pp/2yI3MiW+CYgxKmTbu2juRuxkDrgGmlrYUnaNziCCDgjBFFa8XhrWb7xN/YkOnzLqUjMVtpx5TfdLc78Y+UZ5rW8EaRLef2lcRRebJaog8qLTE1CY7mwSsLsFwMcsc44x1pLUqS5W0clRXssGlaTaeJLyFdI0+eKfULWJhLbIwVZLV5HCAEhMsM/KcDsay/wCxRe341Gxs4FlbSLOd7ey0aO8cvJkMyW5KoBx8zEHGRjrR/X3q4v6/Gx5dRXpr6JcR/ETVE0TSobjT7eGG5uootMhuSd0atsjQrIELsxAC5AHPKrWVp9nqEy67Pa6BEfEK3MRGnHTlc28DbixS3ZSOD5YztJAPvmgDh6K9G1BLPSLXxBd22m6a19CtiJEe3SaO1ndW85UU5UfNkbcEA8Y4GJI9CWbxPq9xp9rGPKtbSX7Pa6Sl9IGljVmMduxCBck5OPlyAMZo62B6HmtFepan4b0e51HXLeSKGztLS4s7maeBEVo0kgbdtwWAUyFPlBIGeO1Vk0sWHiK50yLQLi6ubXTbaGSey0uO++zzFVdmaFhtYtyuSQR2Jo/r8P6Qf1/X5nm1FdDfeG9Sv/HVxoeni3vr5pWCi3RLdGwu4jb8qoQAcr2IIqx4RsnmstYlsbGHUNYgjjFpayQCckFsSOsRBDkDHUHAJPbNC1QM5aiu10qy1KS21qWHRY5/EkU0INk+mIzQwkNvZbYptznywTt4Dds5rq9M07SotUeOTSdNllnvbWC8iaBXWCRraRpo0/ufOvRfukYGMUPRX9PxDrb+tDx8AswCgkk4AHetOHw5qtx4h/sOG1DakGKGASpwwGSN2cZAB79sda7G6tLSLxDaa/LaW8VvZ6Nb6jNFDCscbzkYjUKoAG6QrnjoDWZ8Pre/1fxgpOmjU7eZyb1pLFbgKGycksp2EnuMUdbev+QdL+hycVtPOZBBDJL5SF5Niltijqxx0A9airtvBLanpmpaxpBsUS/k0+YR2t1YRvM0gUEIBIpY5GTs6H0NWfDWnNcy66+p6dImvQmHZaQ6JFO8aHO9ltW2J/cydvAbOOcg6/IOnzOAor1zSLTSG1i6C6BGiz6nBby2+paesckW63kaQKmW8sFl3AA8AjGKo/ZI5NXSa18PSTy3mjWsxl07R47pLWRuS32cgIdwUjJwRyRR/X4XD+vxseYgFmAUEknAA71ek0XUU1l9JFnLLfoxQ28A819wGSMLnJHcdsGult9MGmeNtUvdRe2uodFBuXMMKxRyScCJPLUAKd7KGXHGGHapPhpNrV347tWslupoZbyOW/khjLfLuJy7AcLnnB4JA9BgWthSdk2clYaXqGq3LW+l2NzezKpZoreFpGABxkhQTjJFRpZ3Mt6LOO3le6Z/LECoS5fONu3rnPGK6nw/4Q1rUdbvrK4t9Ss7W02z38UcDmXbnKKI8ZZzn5cj1PQGti2vov8AhLNY1PU5YtC1y6uVjt7W/t5w0ET/AHn+WNvnK4UE4+8x9KcVdpdxz929uh53NDLbTvDcRvFLGxV43UqykcEEHoaZW/45hSHx3rIjuI7gNeSsWjDAKS5yp3AcjoccehNYFRF3SZUlZtBRRRVEhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV9F/sof6rxb/vWX/tevnSvov8AZQ/1Xi3/AHrL/wBr0AfQ9FFFAHyD8ZLC88QfEu+m0yDzVtrGKSb51XaudueSM8sOlcEPCmvvqF3YwaPeXNxZSeXcJbQmbym9CUyOxrpPilqE0fjm5NlO8KTWyLIIZCBIuS2D68gHHqKqaXaat4h8Daz9lt7zVLx9TtpJPLR5pG/dzZY4yepHJ9amm3KCl5fqg62/rY5GWKSCZ4p42jkjYq6OMMpHBBB6GtHT9N1TxPfmO2dbq6CAAXF2iO4AwAvmMN2AMYGcAV6Mbey1LUNQf5tQ160sbKGU21jHqTM4XEzLE7BXIxGpbnHP1rL0XTHuvi9FJoui6hb28EitcwyWRiNuxj5LICwjUtkgE8A4FV5B5nnVSQ289x5n2eGSXy0Mj7FLbFHVjjoB612vg/RBHDrUV7YXQ1q28kRWv9lJeTIhJ3sLeVlB/gySCQGzjnI0dMu/I8X6/YaJpf2aS506Qx2N7pcSzGfYpZVjYOQpwzCPJGMcHAof6Aea0V3/AIa05rmXXX1PTpE16Ew7LSHRIp3jQ53stq2xP7mTt4DZxzkTNp0ct7r03hrQZG1SN7ZVsL3Tk3wKynzpBbtvUAuF652h+3WgDgr6wudMuvs17H5UuxH27gflZQynI9QQafpWlXmtalFp+mQ+fdTZ2R7gucAk8kgdAa3fiKHXxrOJTGXFvbBjDt2Z8hM7dvGPTHHpUvw4sbu/8VRQw6WuoWbHbd77FbhY1IOCSynZyOowaAehy8VtPOZBBDJL5SF5Niltijqxx0A9airtvBLanpmpaxpBsUS/k0+YR2t1YRvM0gUEIBIpY5GTs6H0NWfDWnNcy66+p6dImvQmHZaQ6JFO8aHO9ltW2J/cydvAbOOcg6/IOnzOAor1zSLTSG1i6C6BGiz6nBby2+paesckW63kaQKmW8sFl3AA8AjGK4jxxFCuo6bPBbwW5u9Lt7iRLeJY03svJCqAB0oen9d1cFr/AF52MC0s7m/uktrG3lubiT7kUKF2bjPAHJ4qSw0vUNVuWt9Lsbm9mVSzRW8LSMADjJCgnGSK6n4Xf2s/jSxj0uK5e1N1E16YIiQEDZG9gOFzzgnBIHoMR+H/AAhrWo63fWVxb6lZ2tptnv4o4HMu3OUUR4yznPy5HqegNO2ouj+X4nLJZ3Mt6LOO3le6Z/LECoS5fONu3rnPGKtWmg6nezXkVvaP5liu+5RyEaIbgpyGIOdxAx1rt7a+i/4SzWNT1OWLQtcurlY7e1v7ecNBE/3n+WNvnK4UE4+8x9K5zxlLLp/jnXkstQ3LPdS+abdnQEeYW2NkDOCB6jI4JqU9r9f+APvboYmo6fc6VqU9hfxeVc27mOVNwbaw6jIJB/Cq1SXFxNd3ElxdTSTzSNueSRizMfUk8k1HQr21D0CiiimAUUUUAXbfVJ7bR73To1jMN48byMQdwKZxjnH8RzxVKiigAqRbiZLeS3SaRYZGVnjDEK5GcEjoSMnH1NR0UASLcTJbyW6TSLDIys8YYhXIzgkdCRk4+pqOiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAq7b6pPbaPe6dGsZhvHjeRiDuBTOMc4/iOeKpUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAEi3EyW8luk0iwyMrPGGIVyM4JHQkZOPqajoooAKKKKACiiigCRbiZLeS3SaRYZGVnjDEK5GcEjoSMnH1NR0UUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABX0X+yh/qvFv+9Zf+16+dK+i/2UP9V4t/3rL/ANr0AfQ9FFFAHxN8Q9Kurvx8bHS7Wa8n+zriK3jaRjjOcAcnFcXdWlxY3T217by208Zw8UyFGU+hB5Fek6ne3fivTddTSIHGpzm2ZrWF90k1uvmbgoAy2GKEgDsD2rk9IsNbg8YWlkdLivtSRSqWGogMuNhO11ZhjA5wSMYFZ001FJ9v0DVq7MWCxuLm0ubmCPfFaqrTHcMqGbaDjOSMkDjpkVXrZ8MahDYeIEW/4sbpWtbsD/nm42k/8BOGHuorR0LT9S0nxLqNhKLT7NbK0ep/bc/ZzCGHLY55O0rt+bONvNadf6/rsD0OVorttIs9OnufEE3hKzbUp4RH/Ztte26zS7GbEjCLlXKjHUHAOcAjiKx0fUNX0zxFbyaOW1uOW2cW0Vkscsa7mD7Y1UbRyucAdiaQbHHVf0jRL7Xbo22mrDJMBkRyXMcRb2UOw3H2GTXcX1vZ6NceJJk0zTppbOwsDCHhSSOOR1jDOAPlbkk9wT1zVLweJ/EPxGsNQ0zRWhjh2fahaQkxo3lkFyFUKgYgnHAHSn6B6nC1YisLmfT7i9ij3W9syLK+4DaXzt46nOD0pt3Z3NhdPbX1vLbXEZw8UyFHXjPIPIrpvDV82neC/ENxHBbzuJbUKLmISqpJk+bY3yk/7wI9qOlwOXht57jzPs8MkvloZH2KW2KOrHHQD1oht57jzPs8MkvloZH2KW2KOrHHQD1r0qymks/GGt2GkWdn5l7pAmhthYwuXmaCNyiKyng5Y7BwfTpWb4UvNXh1zXLCfT7eLUrjT5dlpJpcKu0oUEIsZj4yoJ2AYPXBND0+6/5/5AtVfz/yODorvdDs9WksfEcp8NxXWtwyWwW2fSVZoN28EiAJtHGOCuOhxnBqzFaQDxZqcVloUt1N9kgWZ9N0yO+jsbgqplAgb5MFgy9RtOcdMUdQPOaACzAKCSTgAd66uPTtQtviU9lY2mm61epK4WB7dEgl+Qkgx/KqkDOV4wwx2qn4Tgjj1K41e8jVrbSYjdMhHDyZxEn4uV/AGhW3YO+yMi9sLnTtQlsbuPZcwvseMMG2t6cEjPt68VaHh3WH1afS7fTri5vrfPmwWyGZkxjOdmehIB9DxWh4YAk1i613Uh50Wmo15Lv6Syk4jU/WRlz7A1N4T0PVPFWo3jCS9NlGRc6g9sjSO/zEgKi/ecnOPTk8AGmulwfl/X9aHMyRvDK0cqMkiMVZGGCpHUEdjU9hpt9qlz9n0yzuLyfaW8q3iaRsDqcAE4ruLu+nH/CXazf6HBb6h9qtzFDqNmHa3D7+drjBJXGcgg9cdK1f7OsJ4fEVla2NzNPKLC7bTdLASS4QxbmVQAdqCRwxCqcccDqEtVcHo7Hlk0MttO8NxG8UsbFXjdSrKRwQQehq+PDmsvqTafBptzc3axLMYbaMzMEZQwbCZ4wy/nXoOrxNqepardaLpltfa9BDZQyW4hF2IfkImbbJuDlWCIWIJHPPerF/aS3eqeJraW0fVA1tp/mafpgAmkYRLiSMqCAinOcIw+ZeBwQIDyi4tp7S5kt7uGSCaNirxSqVZD6EHkGo69S1PR7LV9Q1pNVkijisp7OSW4jjCTW0JgZPKbcWIKsI1YEt83vVG50SCbU7vwithbJqa6famKRY1D/aEUNIMgZO5XfPPJQUf1/XoB53VvStKvNa1KLT9Mh8+6mzsj3Bc4BJ5JA6A12qLBfza7P4R0m2vLy2mhgtIFsknP2VQytMIipDMzKm5ipI3ds1c0rSXl+JiW1jo1vcwPFF/asEdilxDbSmPLqMqwj+fPQjByB0o/r+v1A8zIwSD1FFdl4S8PXwudV8+zlS7skjVrU6QL25G89RbyELjHViOMjHWm+J/DUt/wDEmbR/DlnG006RyRwRlI1LGESPj5iqj7xwGwOg7UB3OPortPAun21zY6w/kSXGqQ+UIIodOjv3EZYiRlhdgrc7ATztB98jRistJl8Qa1/aWkTafoCxxG7kubMW89rOQuBGvzFdzZ/dg42k/wB0U+v9f1/wQPOqK9NstJV9Y8RtcaZHFqcbQmyttP0uK9UW5JBeKFyqyAgR/PgnDZ6kkVVsbeXWPEMuhaI51SGKA22m3unr5iFsec62xLA+oXnaGzjgUgPPKkht57jzPs8MkvloZH2KW2KOrHHQD1rrbHR9Q1fTPEVvJo5bW45bZxbRWSxyxruYPtjVRtHK5wB2JrftWl0zxhrOk6VaWJlm0VfJgS0hm82b7PGxVcqd2fmO0ZDHnBo6P+ugdbf1ueX0V3/hrTmuZddfU9OkTXoTDstIdEineNDney2rbE/uZO3gNnHORi69BojeLrxbiPUtHt9qkwf2cokWXaNw8oygIpOSBuOAQMYoA5qiuw8HaQLybVbjTw90tqEESjSEvbh1Zsbhbs+wDA+YkttyADzXSXmj/ZdR8U/8I9oFtqF3F9ieCJbBbgRGSMmRkjG5QMnp8yjjHQUAebaVpV5rWpRafpkPn3U2dke4LnAJPJIHQGqhGCQeor0vStMa5+J4trDRre6tjFCupxRWCTwwSmLMgHykR/PkcYwQR2rh7Lw5q9/r66JBYSrqbEgWswETjC7jnfjHAzzQBmUV2ngXT7a5sdYfyJLjVIfKEEUOnR37iMsRIywuwVudgJ52g++RcvNGh1b/AISW30LQ7pb5GtJEs5bIR3EXUSlYwWKKWIOAcAEdhQw9Tz+iur8T6fpNr4vltb6WSxgS0tyP7Pto5gXMKE8eYi4JJO4E5P1zRoklrYeGvEN9a21tePBNbpazX1ojsisZAW2NuUEgdDuH1wDQBylFekXWmBbzWJfDuk293q22ylS0WyScRxSQhpXjhKlfvlR907Q3GM0y6jsNLfxHdx6Zp8t5bWdozwvCskVrdOyiUKv3eGJ+X7oPGCBih6b/ANf1+YLVXPPobee48z7PDJL5aGR9iltijqxx0A9akisLmfT7i9ij3W9syLK+4DaXzt46nOD0rt/C+vSahq+qx6VpdjBPdaU4S2Szhk86dUXOxSnAbazeWPl9jUFheX+meH/FE2o6bbxXyzWga3ubBEWJjvwfJ2hAcdiuOc4zzQ9P687AtUcPU1pZ3N/dJbWNvLc3En3IoULs3GeAOTxXR+JLPSI/F9wt5JNp9vJbwTBbG0SQB3iRmAQugUZYng8dMVe+Gq6ifHlrFoQvJ9P+2RG5kS3wTEGJUybd20dyN2MgdcA00tbCk7RucQQQcEYIorXi8NazfeJv7Eh0+ZdSkZittOPKb7pbnfjHyjPNa3gjSJbz+0riKLzZLVEHlRaYmoTHc2CVhdguBjljnHGOtJalSXK2jkqK9lg0rSbTxJeQrpGnzxT6haxMJbZGCrJavI4QAkJlhn5TgdjWX/Yovb8ajY2cCytpFnO9vZaNHeOXkyGZLclUA4+ZiDjIx1o/r71cX9fjY8uor019EuI/iJqiaJpUNxp9vDDc3UUWmQ3JO6NW2RoVkCF2YgBcgDnlVrK0+z1CZddntdAiPiFbmIjTjpyubeBtxYpbspHB8sZ2kgH3zQBw9FejaglnpFr4gu7bTdNa+hWxEiPbpNHazurecqKcqPmyNuCAeMcDEkehLN4n1e40+1jHlWtpL9ntdJS+kDSxqzGO3YhAuScnHy5AGM0dbA9DzWivUtT8N6Pc6jrlvJFDZ2lpcWdzNPAiK0aSQNu24LAKZCnygkDPHaqyaWLDxFc6ZFoFxdXNrpttDJPZaXHffZ5iquzNCw2sW5XJII7E0f1+H9IP6/r8zzaiuhvvDepX/jq40PTxb3180rBRbolujYXcRt+VUIAOV7EEVY8I2TzWWsS2NjDqGsQRxi0tZIBOSC2JHWIghyBjqDgEntmhaoGctRXa6VZalJba1LDosc/iSKaEGyfTEZoYSG3stsU25z5YJ28Bu2c11emadpUWqPHJpOmyyz3trBeRNArrBI1tI00af3PnXov3SMDGKHor+n4h1t/Wh4+AWYBQSScADvWnD4c1W48Q/wBhw2obUgxQwCVOGAyRuzjIAPftjrXY3VpaReIbTX5bS3it7PRrfUZooYVjjecjEahVAA3SFc8dAazPh9b3+r+MFJ00anbzOTetJYrcBQ2TkllOwk9xijrb1/yDpf0OTitp5zIIIZJfKQvJsUtsUdWOOgHrUVdt4JbU9M1LWNINiiX8mnzCO1urCN5mkCghAJFLHIydnQ+hqz4a05rmXXX1PTpE16Ew7LSHRIp3jQ53stq2xP7mTt4DZxzkHX5B0+ZwFFeuaRaaQ2sXQXQI0WfU4LeW31LT1jki3W8jSBUy3lgsu4AHgEYxVH7JHJq6TWvh6SeW80a1mMunaPHdJayNyW+zkBDuCkZOCOSKP6/C4f1+NjzGitTxNZvp/iW+tZZred45cF7eFYkPGcbFACEdCoHBBHasuktUDCiiimAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV9F/sof6rxb/vWX/tevnSvov9lD/VeLf96y/9r0AfQ9FFFAHwVLpN3rWrCDTljd1tzKxkmSJVRSSSWcgAD61m2+mXd3qq6baxrNdNIY1WORWUn13g7cd92cY5ziu0jvk1PXNSvAT5svhyUTgjGJFi2sffJXdn3rB8GLH/AGxKyu32tbWf7PGU/dv+5fdufOVwORhTk8fL1Bbl08v8/wDIE+ZX8/8AL/MoW/h/Ubu4vIbSKOdrJPMnMVxG6qu4LkMGw3LD7pNRaxBqFpq09rrJkN7bt5Mokk8wqVG0LuycgAAcHtVeC7ubZZVtriWFZl2SCNyu9cg4OOoyAfwrrvDljbeJNF1ObXJjm3vIZ7m+YgzBGSRT87ZJBfy/Xk0WfQDjKsRWFzPp9xexR7re2ZFlfcBtL528dTnB6V6XBoVla3mo2SWRbWNOsrKPyrbTIr5ySuZnELsquclAWOSAfxEcMUvl+K18N+Hrh599mfsF1pmWich97fZ8sAMkkA5ADDjgUAeYVb0rSrzWtSi0/TIfPups7I9wXOASeSQOgNd3DaQDxTqMdloUt1ObOBZ307TI75LG5KqZR5Dfu+WDL1G05x0xUfh3Rb7/AIWfc2H2G11e2WbZePFpkbxIpUkfLsxCc8EDGCCM8UB0OCitp5zIIIZJfKQvJsUtsUdWOOgHrUVdt4JbU9M1LWNINiiX8mnzCO1urCN5mkCghAJFLHIydnQ+hqz4a05rmXXX1PTpE16Ew7LSHRIp3jQ53stq2xP7mTt4DZxzkHX5B0+ZxunaPfastydPg80WsfmzfOq7V3Bc8kZ5YdKj1HT7nStSnsL+Lyrm3cxypuDbWHUZBIP4Vr+J7hbPxLfJpEN9pUUyIs9rLEbZt2FZgYwx2qWG4LkgcegqLw8+p6j4ugktrSHWtQmZ28nUMSJMdpyX3EZ4yeT1FG+wbbiaMmq3ujarp+mW0c0DrFcXLFgGRUbCkZI7vg8Gs7UdPudK1Kewv4vKubdzHKm4NtYdRkEg/hTIru5tfOW3nkgEo2SrG5UOMg4OOoyAcewrrfDljbeJNF1ObXJjm3vIZ7m+YgzBGSRT87ZJBfy/Xk0Wvqv6/pBtucZUi3EyW8luk0iwyMrPGGIVyM4JHQkZOPqa9LufDWmyW91pmoQw2X9kLYm9uYURZF3Qvv8AmxzmQxg5zzRc+GtNkt7rTNQhhsv7IWxN7cwoiyLuhff82OcyGMHOeaPT/h13D+v+AeaLcTJbyW6TSLDIys8YYhXIzgkdCRk4+pqOut1zwzd3PjCz8N6RZRtqEVnDHJEhRN8oi3uSTgZ5PJPap/Aun21zY6w/kSXGqQ+UIIodOjv3EZYiRlhdgrc7ATztB98gWoPQ4uivRYrLSZfEGtf2lpE2n6AscRu5LmzFvPazkLgRr8xXc2f3YONpP90Utrod5N4n12d9Ot4HtxH5NrYaSl+TExwjRQsVRk2gEyEE8juxoA85or2WDStJtPEl5CukafPFPqFrEwltkYKslq8jhACQmWGflOB2NUJrB5NNu77RfDtne6jLp2nzLFFpqyiJnEgd1iC7ew6gjuRnFD2v6firh/X42PONI0S+126NtpqwyTAZEclzHEW9lDsNx9hk1Qr0jSdJkm+Llq2k6eWW3ETX4socw28xh/eD5eFG/cMdAQR2qh4P0QRw61Fe2F0NatvJEVr/AGUl5MiEnewt5WUH+DJIJAbOOcgA4aiun1fRZNb8eSaZ4c0q5t7icAiyuYVtWVxHuf5CxCA4ZgM8AgDtTvCNk81lrEtjYw6hrEEcYtLWSATkgtiR1iIIcgY6g4BJ7ZoQM5aiu10qy1KS21qWHRY5/EkU0INk+mIzQwkNvZbYptznywTt4Dds5rq9M07SotUeOTSdNllnvbWC8iaBXWCRraRpo0/ufOvRfukYGMUPRX9PxDrb+tDx8AswCgkk4AHerlzpF/a39zZy2zm4tATcJH8/lAdSxXIGM8+neu4urS0i8Q2mvy2lvFb2ejW+ozRQwrHG85GI1CqABukK546A1neBNTvpL/WbeBLe5vL2wneNJbSKaSaXAbaNyknOCdnQ+ho7+V/w/wCGDt8vx/4c4yiu/wDDWnNcy66+p6dImvQmHZaQ6JFO8aHO9ltW2J/cydvAbOOciS2trd/F2sLp3hjVPmhjGP7ESd7KQ7SxNq5KBXw2AWG0HijqBwENvPceZ9nhkl8tDI+xS2xR1Y46AetWdO0e+1Zbk6fB5otY/Nm+dV2ruC55Izyw6V2+iNfaZ4t8R6Pb/wBn3t1JZziERadCfNkCghFQpwcZzGOMgjBxXGX9zq1nqV2l2sunXMoCXFvHCLXjghTGoUAcA4x70XV16BrZ+pX1HT7nStSnsL+Lyrm3cxypuDbWHUZBIP4VJp2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSn2NlqfifXEtrbfe6jdsSDLMA0jYJOWcjng9TVaO4urIzRQzTQGQeXKqOV3AHO1sdRkA49RQvMH5DtR0+50rUp7C/i8q5t3Mcqbg21h1GQSD+FXJpdQ0OyvdFuoI4xeeRNJk7mAC70wQcch8n+lbXhuG91PTdYv7K1Gsa95sO1biEXTLGxbzJdjhgxyEBJBwGzx1rrLrT4LrxLrzvD9p1aG2sRDHaabFf4QwqJGjgZgjDO0ZAO0Hgc5BZ2sw66HklFeh21tbv4u1hdO8Map80MYx/YiTvZSHaWJtXJQK+GwCw2g8VDa6PLb6t4lS0gstX1q18sWsMdkjKwZv3jLb7du5RgFdp2kt6ZoA4KrelaVea1qUWn6ZD591NnZHuC5wCTySB0Brp9LaWys/FF7q+j2h1G1jh2Q3ViiLA7SBciLaFHB6Ywe4NWvCDS+I/HMUll4dt2s5ESO+jSwSaJSEwXxsxFuYZ+XHpR0A4MjBIPUVJDbz3HmfZ4ZJfLQyPsUtsUdWOOgHrXZ+GNJ1K20bxAkXh37ZrFq9uscFzp/nyQbt+5vLZT2x1BHQ46Vr2NybXxbrWnaRa2BurjSSWto7OGUG7ESGSOMFTxuD/uxxkEY4FH+X6XDqeeaVpV5rWpRafpkPn3U2dke4LnAJPJIHQGqhGCQeoruvBun6xe+PjBf6CsgZgt/A+kR7YQVO3KeXiLOByAuaq6BpF/babqyWmjG58Q28sK/Y7myE0kUJDF3ELqcnPlgnacBu2c0AcfV3TtHvtWW5OnweaLWPzZvnVdq7gueSM8sOldzqCWekWviC7ttN01r6FbESI9uk0drO6t5yopyo+bI24IB4xwMc54tdtN8TXSaaxs4rq2geWK2Plo2+JJCNq4G3cc46Dj0o0uDv0MXUdPudK1Kewv4vKubdzHKm4NtYdRkEg/hUmnaPfastydPg80WsfmzfOq7V3Bc8kZ5YdKveHn1PUfF0EltaQ61qEzO3k6hiRJjtOS+4jPGTyeorKiu7m185beeSASjZKsblQ4yDg46jIBx7CheYPyJ7zR9Q0+8vLW6tZFlsW23IUbxEc7eWXIxkgZz3qlXW+GotR1zSfFKwx3Wo309pExCq0ssh+0RknuT61JoOj6ha6bqyWuitceIbeWECzubETSRQMGLuIXU5OfLBO04Dds5oV7ahvscdRXot1HYaW/iO7j0zT5by2s7RnheFZIrW6dlEoVfu8MT8v3QeMEDFM8OHTtf/ta+ttLEWppFbLHbWemxXuRjEsqW7FU5YLnAO0Nx6gA89or1zSLTSG1i6C6BGiz6nBby2+paesckW63kaQKmW8sFl3AA8AjGK4jxxFCuo6bPBbwW5u9Lt7iRLeJY03svJCqAB0oen9d1cFr/AF52MXStKvNa1KLT9Mh8+6mzsj3Bc4BJ5JA6A1UIwSD1Fdb8OLG7v/FUUMOlrqFmx23e+xW4WNSDgksp2cjqMGrXhjSdSttG8QJF4d+2axavbrHBc6f58kG7fuby2U9sdQR0OOlAHEUV6NFaQDxZqcVloUt1N9kgWZ9N0yO+jsbgqplAgb5MFgy9RtOcdMVTfw5Pcr4p061t4NU1SCe3aP7FaqrBMsH2xqBsxuUMoHB4PTNAHC0V7FYaXptrrMlvJpGmTrJdWVu4eBJFCtZsz7SOBllzuH1B71wXjiKFdR02eC3gtzd6Xb3EiW8SxpvZeSFUADpQ9P68rgtV+P42OaqxfWFzpl19mvY/Kl2I+3cD8rKGU5HqCDXR+E7Ga40XVLjSNPi1HV4pIVihktluPLiYtvkEbAqeQgJIO0NnjrXT63Z3Musa1Lpen22p65FHYqIUtY7kLCYB5jxxbSrDcEGQpwDxjNMFqcBo2m6prRl0/SnVvMw7273aQiUrnGFdhvIyeBkjJrMr0nStGlf4tWbaXpzHyFifUEs4i0VrO0X7xflyFG/Ix0ByB0rG0DSL+203VktNGNz4ht5YV+x3NkJpIoSGLuIXU5OfLBO04Dds5pf1+gHH0V6LdR2Glv4ju49M0+W8trO0Z4XhWSK1unZRKFX7vDE/L90HjBAxXEaxqEOqah9qgsYrLdGgkjhACM4UBnCgALuIztAwM0AUat6VpV5rWpRafpkPn3U2dke4LnAJPJIHQGt7wRC001+I9Gu9QcwqqXFrpq35tTuByYX+U7gCMkgjtWz4d0W+/wCFn3Nh9htdXtlm2XjxaZG8SKVJHy7MQnPBAxggjPFAdDgoraecyCCGSXykLybFLbFHVjjoB61FXbeCW1PTNS1jSDYol/Jp8wjtbqwjeZpAoIQCRSxyMnZ0Poa5XVlvV1Scapa/ZLsEeZB9mW32HA/5ZqAF4x2HrR1+QdCnRXWeB9Kkvl1G5gj857ZEAii0xNQmO5sZWF2C4GOWOccY613MGlaTaeJLyFdI0+eKfULWJhLbIwVZLV5HCAEhMsM/KcDsaHor/wBb/wDBBaux41UkNvPceZ9nhkl8tDI+xS2xR1Y46AeteqJpen3RlvLewX+1JtLsZ0t7HSIbrAfd5rpbMVQ8hATg4znvkUdMu/I8X6/YaJpf2aS506Qx2N7pcSzGfYpZVjYOQpwzCPJGMcHAoel12v8AgHb5fiea0Vsf2PrWteKf7M/s8RarM2PshhS0wQucbMKq8DOMDP41kOjRuyONrKcEHsaAEorqfB9m1xYavNp9lDqGrwxx/ZLWSATkqWxI6xEEOQMcEHAJOOM1c0qy1KS21qWHRY5/EkU0INk+mIzQwkNvZbYptznywTt4Dds5oA4qivRtQSz0i18QXdtpumtfQrYiRHt0mjtZ3VvOVFOVHzZG3BAPGOBhUsY08X6otloFxc+dZ20iyWOlJeraO8aOx8hhsw3zDtjt6ULV2BnnFFej6TokEereJIpNl/q1rJEIRY6RFdfuyTvK2rFUBHyKwwdhJ+tRrY28useIZdC0RzqkMUBttNvdPXzELY851tiWB9QvO0NnHAoA4CG3nuPM+zwyS+WhkfYpbYo6scdAPWo67vwleatDreuWEthbx6lcWE220k0uFXaUKCEWMpxkAnYBg+hqTw1pzXMuuvqenSJr0Jh2WkOiRTvGhzvZbVtif3MnbwGzjnIP8rh0+ZwkNvPceZ9nhkl8tDI+xS2xR1Y46AetR16Vpl35Hi/X7DRNL+zSXOnSGOxvdLiWYz7FLKsbByFOGYR5Ixjg4FY9lo2o6vpviK3l0ctrkcls4tYrFYpY1yQxWNVG0cpnAHUE0enb9Q6anG0V6PfW9no1x4kmTTNOmls7CwMIeFJI45HWMM4A+VuST3BPXNcNrGoQ6pqH2qCxist0aCSOEAIzhQGcKAAu4jO0DAzQBRorrPA+lSXy6jcwR+c9siARRaYmoTHc2MrC7BcDHLHOOMda6LUtESDWvEB8NaVb3mpRm0MVsLWOZYo5I90sixHemN20cZChuDjmmBwsPhvVrjXYtHhtd1/MiukPmIMgpvB3Zx93nr+tZZGCQeor1VLC+vvi80A0yHUbYwWyXpWxjuIkH2deQdpCAkcFce1YPhjSdSttG8QJF4d+2axavbrHBc6f58kG7fuby2U9sdQR0OOlIDk9K0q81rUotP0yHz7qbOyPcFzgEnkkDoDVQjBIPUV6XpWmNc/E8W1ho1vdWxihXU4orBJ4YJTFmQD5SI/nyOMYII7Vh+E9Nu7XUdStLvw9qM12kSpuTSRePZsWDZaCQbTuAIycEdRQtQOQq3pWlXmtalFp+mQ+fdTZ2R7gucAk8kgdAa7K10eW31bxKlpBZavrVr5YtYY7JGVgzfvGW327dyjAK7TtJb0zUfgzT9XvfHrQXuhLKrPtv4X0mMrACpxlNmIs46gLQBwxGCQeoorrtHhl0Pw74gmvdKgGo2stsiLqFmHaDfvydjjGSMcEEdDjgGukttBiudZ15tLtLNL37PZSQK+nNdRxmWMPJiFI3wD67CFzjjIoWrBnltFb/jeSOTxhfCCxFhFGyosH2MW2MKOfLAGMnJGRnBGa1PAlha3en6vIIZLjU4hD9njh02O/cRkneywOwVudgJ52g++QLVXB6HN6Rol9rt0bbTVhkmAyI5LmOIt7KHYbj7DJqPStKvNa1KLT9Mh8+6mzsj3Bc4BJ5JA6A13Wi6Y918XopNF0XULe3gkVrmGSyMRt2MfJZAWEalskAngHArO8BaLqn/CaLYXOhvPGrBL6K504SmFSpI3b1Jjz68GgGchFbTzmQQQyS+UheTYpbYo6scdAPWrGnaPfastydPg80WsfmzfOq7V3Bc8kZ5YdK6nwS2p6ZqWsaQbFEv5NPmEdrdWEbzNIFBCASKWORk7Oh9DXNX9zq1nqV2l2sunXMoCXFvHCLXjghTGoUAcA4x70aX+Qa2+ZX1HT7nStSnsL+Lyrm3cxypuDbWHUZBIP4VJp2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSn2NlqfifXEtrbfe6jdsSDLMA0jYJOWcjng9TVaO4urIzRQzTQGQeXKqOV3AHO1sdRkA49RQvMH5F2Pw1q0viRtAjtM6msjRmDzE4ZQSRuzt6A96yyMEg9RXZfD+HUta8ZK0ti2rQzP8A6dJcWYusAg4LMysVJI65BPrSeHtF1CDT9YW20c3Gv20kCLaXVmJXhibcXfypAQedgyVOA2eM5o1tqGhhr4Y1d7i5gW0zLawJczL5qfLG+3a3XnO9eBzzVPUdPudK1Kewv4vKubdzHKm4NtYdRkEg/hXSePrq7tPGd4kdx5TS2tsk32ZwqSDyYzj5PlK5AIA44GKzfDz6nqPi6CS2tIda1CZnbydQxIkx2nJfcRnjJ5PUUegbLUo6do99qy3J0+DzRax+bN86rtXcFzyRnlh0p02h6nDrkmjmylk1GKQxtbQr5rbh1A25z07VWiu7m185beeSASjZKsblQ4yDg46jIBx7Cuy+G1xrt948tZLY3t1HLdxSahMitISobIMj8nbnnk4JAJ6Cnu1YUnyps5Gw0vUNVuWt9Lsbm9mVSzRW8LSMADjJCgnGSKkstD1bUriaDTtLvbuaA4ljgt3do+cfMAOOQetdD4f8Ia1qOt31lcW+pWdrabZ7+KOBzLtzlFEeMs5z8uR6noDS3llqOveOtTu73wrrE5aTzJbG0Ro5Yd33N5Mb4yB3Az1zSWrRUlZvyOestD1HUHu0tbVmezTfcKzBDGNwXkMRzkgY61DqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwrc8ZXtzB401cwX7H7Qw87yH2gghW8tsEhtpAB5OSuetZVjZan4n1xLa233uo3bEgyzANI2CTlnI54PU0ldpCel7jNO0e+1Zbk6fB5otY/Nm+dV2ruC55Izyw6VHqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwpsdxdWRmihmmgMg8uVUcruAOdrY6jIBx6iuw8GQR6tb61eXP2i/wBZBiaPFgmoylGY+Y4ikYBznYCxyQD75D32Dbc4iivXNItNIbWLoLoEaLPqcFvLb6lp6xyRbreRpAqZbywWXcADwCMYqp/Yovb8ajY2cCytpFnO9vZaNHeOXkyGZLclUA4+ZiDjIx1o/r71cP6/Gx5zpWlXmtalFp+mQ+fdTZ2R7gucAk8kgdAal0nQ77XLtrbTVhedRkRyXMcRb2Xew3H2GTXoNtojf8Lems9M0aG6051ia6Qaek0cYeEMSOHEYLE42nHYHFc/4C0LV1+INpG2l3oezlzcqbd8wZU43jHy596NwehzenaPfastydPg80WsfmzfOq7V3Bc8kZ5YdKj1HT7nStSnsL+Lyrm3cxypuDbWHUZBIP4U6Qalo1xcWkourCZlCTwtuiYjhgGXg46HB9jWh4efU9R8XQSW1pDrWoTM7eTqGJEmO05L7iM8ZPJ6ij0Da9yjp2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSi70fULLUbuwuLST7TZbvtCIN/lhfvElcjA9elQRXdza+ctvPJAJRslWNyocZBwcdRkA49hXXeBtW1GfUNZhTyr29vbCdo/tFtHcSzygA7QXUs2QD8vQ46GjpddmGzs+5xdFd/4a05rmXXX1PTpE16Ew7LSHRIp3jQ53stq2xP7mTt4DZxzkSW1tbv4u1hdO8Map80MYx/YiTvZSHaWJtXJQK+GwCw2g8UdQOAht57jzPs8MkvloZH2KW2KOrHHQD1qxpuk3mrzvFYxq3loZJHklWOONfVnchVGSByRyQK7jRGvtM8W+I9Ht/wCz726ks5xCItOhPmyBQQioU4OM5jHGQRg4qfQdJuL3SryPVtJZrt7l3n08QG1DmNYVQMkYQqqid5CAV+7k96a127X/ABD/AD/Q88v9PudMvXtL6Py5kwSAwYEEZBDAkEEEEEEgg1Xr2K90rS/7Qv7ays5m1HT7eOK3tY9OW/lihM8p4hlYBiEMXJyQG98jCistJl8Qa1/aWkTafoCxxG7kubMW89rOQuBGvzFdzZ/dg42k/wB0Ulr/AF/X/D6A9DzqivRrXQ7ybxPrs76dbwPbiPybWw0lL8mJjhGihYqjJtAJkIJ5HdjW/BpWk2niS8hXSNPnin1C1iYS2yMFWS1eRwgBITLDPynA7Gjpf+t7B1t/W1zxqr+kaJfa7dG201YZJgMiOS5jiLeyh2G4+wya9HmsHk027vtF8O2d7qMunafMsUWmrKImcSB3WILt7DqCO5GcVR0nSZJvi5atpOnlltxE1+LKHMNvMYf3g+XhRv3DHQEEdqOrQdLnm9Fdz4P0QRw61Fe2F0NatvJEVr/ZSXkyISd7C3lZQf4MkgkBs45yM3V9Fk1vx5JpnhzSrm3uJwCLK5hW1ZXEe5/kLEIDhmAzwCAO1AHMUV1PhGyeay1iWxsYdQ1iCOMWlrJAJyQWxI6xEEOQMdQcAk9s1c0qy1KS21qWHRY5/EkU0INk+mIzQwkNvZbYptznywTt4Dds5oA4qrunaPfastydPg80WsfmzfOq7V3Bc8kZ5YdK9T0zTtKi1R45NJ02WWe9tYLyJoFdYJGtpGmjT+5869F+6RgYxXFeMZmtL+xm08LY/wBoaTby3MdmohjckZPyrgYyoOPUZo2evp+Fw1a09fxsc7qOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwqTTtHvtWW5OnweaLWPzZvnVdq7gueSM8sOlPsbLU/E+uJbW2+91G7YkGWYBpGwScs5HPB6mq0dxdWRmihmmgMg8uVUcruAOdrY6jIBx6iheYPyHajp9zpWpT2F/F5VzbuY5U3BtrDqMgkH8KrV1miXzL4b8Q6vcwW9/qCzW2y4v4VuGUuX3N8+QScd8j8QMb0ehLN4n1e40+1jHlWtpL9ntdJS+kDSxqzGO3YhAuScnHy5AGM0JPYHY81or2WDStJtPEl5CukafPFPqFrEwltkYKslq8jhACQmWGflOB2NUk0vT7oy3lvYL/ak2l2M6W9jpEN1gPu810tmKoeQgJwcZz3yD/gfirh/X42PNNO0e+1Zbk6fB5otY/Nm+dV2ruC55Izyw6VHqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwrX8T3C2fiW+TSIb7SopkRZ7WWI2zbsKzAxhjtUsNwXJA49BUXh59T1HxdBJbWkOtahMzt5OoYkSY7TkvuIzxk8nqKN9g23KOnaPfastydPg80WsfmzfOq7V3Bc8kZ5YdKj1HT7nStSnsL+Lyrm3cxypuDbWHUZBIP4UyK7ubXzlt55IBKNkqxuVDjIODjqMgHHsK6fwg1xqN/qU0+mX+rXU0Y/0yLT11F4GLAlmik+VtwBGSQR1FPfYNtzkqK7p/Dk9yvinTrW3g1TVIJ7do/sVqqsEywfbGoGzG5QygcHg9M1ry6S9tL4gXRNAtNQvreHThDHHZLdCMtD87qoBU5PJOCD154NLpcOtjy6ivTjp/zeIn0LQbTUNThSyDQRWK3K28zI3n7IwCAA2RjBAI6cDENzp6fadYfw5pVpea5ELQS2kVolwsO6P/AEgxwkMvEm1TwduSBigDzepIbee48z7PDJL5aGR9iltijqxx0A9a9Buo7DS38R3cemafLeW1naM8LwrJFa3TsolCr93hifl+6DxggYqHwvr0moavqselaXYwT3WlOEtks4ZPOnVFzsUpwG2s3lj5fY0dH8w6/ccBRVzVlvV1Scapa/ZLsEeZB9mW32HA/wCWagBeMdh611HgLSTqVhrL2kVu+oRLCtu1xYteKgZiX/dLHJ2XG4qQOmRuoWoPQ4uivRr64tINQ8XXyaHaRvZR26WsF1pyxCFi6qX8rAxnJYBhyCNwPSqWnS/21ZanqHh/QbWTWV+zJ9kS0S4Aj2kSypAVK8uEzhTt3cdc0LVXDrY4aivRNQ0CO/j1600jTIptWSOxlltbOIO0EhBE6oFzgByAQOB06CrsukvbS+IF0TQLTUL63h04Qxx2S3QjLQ/O6qAVOTyTgg9eeDR3A8707R77VluTp8Hmi1j82b51Xau4LnkjPLDpUeo6fc6VqU9hfxeVc27mOVNwbaw6jIJB/CtrxZN/Z/iS5i0x1tDLbwrew2bbIhNsVpEAXjAkB+XoCPasyxstT8T64ltbb73UbtiQZZgGkbBJyzkc8HqaN9g23Gado99qy3J0+DzRax+bN86rtXcFzyRnlh0qPUdPudK1Kewv4vKubdzHKm4NtYdRkEg/hTY7i6sjNFDNNAZB5cqo5XcAc7Wx1GQDj1Fdd4VW/wBR0TxBfW2ljXNWEluUee0+2SLuLhn2kHJ+oI6ccCjzQbbnJRWFzPp9xexR7re2ZFlfcBtL528dTnB6VXr0m9uYNIsPE0llZ2BmX+zxNCYVkghuCjebtTleG3DaQQDnjgYS60wLeaxL4d0m3u9W22UqWi2STiOKSENK8cJUr98qPunaG4xmjv8A1/X+QHm9FejaglnpFr4gu7bTdNa+hWxEiPbpNHazurecqKcqPmyNuCAeMcDFuDSNOfWNce0sy2oCCymgt7XS4rwoskYaVkt3ZVI3Fex2huB3AB53p2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSo9R0+50rUp7C/i8q5t3Mcqbg21h1GQSD+Fa/ie4Wz8S3yaRDfaVFMiLPayxG2bdhWYGMMdqlhuC5IHHoKi8PPqeo+LoJLa0h1rUJmdvJ1DEiTHacl9xGeMnk9RRvsG25lWlnc390ltY28tzcSfcihQuzcZ4A5PFfQv7KIIj8XAjBDWX/tevKPhf/a7eNrOPTIrlrY3UTXpt4iQqBsjewHC55wTgkD0Few/sxWV1p954ztr+2mtZ1eyLRTxlGGRORkHnoc0B38j32iiigD4Z0+XU4tfkGjaOdXklsnimtRDJJmNiQxIjIYdRznvVHQ4daHiJ7vQtDmuJ7V28yzhtpZVjVsqUYcsBgleTn3zWvo3h3UPEWrSx25vF062iSa++yI0jMAx2qqL95yc7fTk9AaivLLUde8dand3vhXWJy0nmS2NojRyw7vubyY3xkDuBnrmiPT0B9TmpoZrzVmgttPMM8kuxLKBXYq2cbAGLMTnsSTUlpoWr393Na2OlXtzcW5xNDDbu7xnOPmUDI545rvmnsLbxtrV5LrljFq086RW5ljlYQq6jzMGNXBcA+Xkn+8c5qrfW0j+L/FlhbaRfeIILq6JmOlF0aAiUsAS0Lc5BB4xxwTQtl5/8AO/9dzjrbw7qt1qE9hHZsl7AhZ7Wdlil4GSAjkFmxztAJ9qza7Cw01NF+LFjZaNMt4IbuLy/NkAwSASjOoYZUkqSAeQeO1YkOjtrPiQaZ4b828aZyIBcBIWfAyQcuVHQ/wAXP44oWqQdyjY2NzqV9DZ2MRlnmbaiAgZPuTwB3JPAHJq3b+H9Ru7i8htIo52sk8ycxXEbqq7guQwbDcsPuk1oeD41TW5wWZb2O2uBDEyfu2PkuG3PnK4GSMKcnj5eowoLu5tllW2uJYVmXZII3K71yDg46jIB/CjS4NMk1HT7nStSnsL+Lyrm3cxypuDbWHUZBIP4VWrs/DljbeJNF1ObXJjm3vIZ7m+YgzBGSRT87ZJBfy/Xk10EGhWVreajZJZFtY06yso/KttMivnJK5mcQuyq5yUBY5IB/EFmtw32PNIrC5n0+4vYo91vbMiyvuA2l87eOpzg9Kr16fDFL5fitfDfh64effZn7BdaZlonIfe32fLADJJAOQAw44FVobSAeKdRjstClupzZwLO+naZHfJY3JVTKPIb93ywZeo2nOOmKOv9dgOE0rSrzWtSi0/TIfPups7I9wXOASeSQOgNQxW085kEEMkvlIXk2KW2KOrHHQD1rvfDui33/Cz7mw+w2ur2yzbLx4tMjeJFKkj5dmITnggYwQRniqfgltT0zUtY0g2KJfyafMI7W6sI3maQKCEAkUscjJ2dD6GjpfyDrbzOJq7p2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSuy8Nac1zLrr6np0ia9CYdlpDokU7xoc72W1bYn9zJ28Bs45yMDxPcLZ+Jb5NIhvtKimRFntZYjbNuwrMDGGO1Sw3BckDj0FHXUNehkajp9zpWpT2F/F5VzbuY5U3BtrDqMgkH8Kk07R77VluTp8Hmi1j82b51Xau4LnkjPLDpV7w8+p6j4ugktrSHWtQmZ28nUMSJMdpyX3EZ4yeT1FZUV3c2vnLbzyQCUbJVjcqHGQcHHUZAOPYULzB+Q/UdPudK1Kewv4vKubdzHKm4NtYdRkEg/hVauz8OWNt4k0XU5tcmObe8hnub5iDMEZJFPztkkF/L9eTW5c+GtNkt7rTNQhhsv7IWxN7cwoiyLuhff8ANjnMhjBznmizS8/6/INGeYVdt9UnttHvdOjWMw3jxvIxB3ApnGOcfxHPFehXPhrTZLe60zUIYbL+yFsTe3MKIsi7oX3/ADY5zIYwc55rndc8M3dz4ws/DekWUbahFZwxyRIUTfKIt7kk4GeTyT2ofb+rb3H6nJUV2ngXT7a5sdYfyJLjVIfKEEUOnR37iMsRIywuwVudgJ52g++RoxWWky+INa/tLSJtP0BY4jdyXNmLee1nIXAjX5iu5s/uwcbSf7op9f6/r/giPOqK9GtdDvJvE+uzvp1vA9uI/JtbDSUvyYmOEaKFiqMm0AmQgnkd2Nb8GlaTaeJLyFdI0+eKfULWJhLbIwVZLV5HCAEhMsM/KcDsaXS/9b2Drb+trnjVX9I0S+126NtpqwyTAZEclzHEW9lDsNx9hk16PNYPJpt3faL4ds73UZdO0+ZYotNWURM4kDusQXb2HUEdyM4qjpOkyTfFy1bSdPLLbiJr8WUOYbeYw/vB8vCjfuGOgII7UdWg6XPO1uJkt5LdJpFhkZWeMMQrkZwSOhIycfU1HXc+D9EEcOtRXthdDWrbyRFa/wBlJeTIhJ3sLeVlB/gySCQGzjnIzdX0WTW/HkmmeHNKube4nAIsrmFbVlcR7n+QsQgOGYDPAIA7UdQOYorqfCNk81lrEtjYw6hrEEcYtLWSATkgtiR1iIIcgY6g4BJ7Zq5pVlqUltrUsOixz+JIpoQbJ9MRmhhIbey2xTbnPlgnbwG7ZzQBxVABZgFBJJwAO9ewaZp2lRao8cmk6bLLPe2sF5E0CusEjW0jTRp/c+dei/dIwMYrDurS0i8Q2mvy2lvFb2ejW+ozRQwrHG85GI1CqABukK546A0bPX+tLhutP61scpaf234c1e7js4jFf2sbCZkiSZ7cD7zBsHYRnG4EEeorGJJOTyTXZ+BNTvpL/WbeBLe5vL2wneNJbSKaSaXAbaNyknOCdnQ+hq54a05rmXXX1PTpE16Ew7LSHRIp3jQ53stq2xP7mTt4DZxzkGv4B0fqcBUkNvPceZ9nhkl8tDI+xS2xR1Y46Aetd/bW1u/i7WF07wxqnzQxjH9iJO9lIdpYm1clAr4bALDaDxS6I19pni3xHo9v/Z97dSWc4hEWnQnzZAoIRUKcHGcxjjIIwcUdPk2H+aOH07R9T1d3XSdOu75owC4toGkKg9M7QcU+y0PUdQe7S1tWZ7NN9wrMEMY3BeQxHOSBjrWpZ6RqeoeIbn+0fDWp3ksOPtFpp1sLVoiQNuVWJggIHTaM9ad4yvbmDxpq5gv2P2hh53kPtBBCt5bYJDbSADyclc9aOwa6mHqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwqTTtHvtWW5OnweaLWPzZvnVdq7gueSM8sOlPsbLU/E+uJbW2+91G7YkGWYBpGwScs5HPB6mq0dxdWRmihmmgMg8uVUcruAOdrY6jIBx6iheYPyL9xJqGgw6p4fvII43kmQXKk7mRoy2ACDj+I561RvrC50y6+zXsflS7EfbuB+VlDKcj1BBrp/DcN7qem6xf2VqNY17zYdq3EIumWNi3mS7HDBjkICSDgNnjrXWXWnwXXiXXneH7Tq0NtYiGO002K/whhUSNHAzBGGdoyAdoPA5yCz6h1PJKK9Dtra3fxdrC6d4Y1T5oYxj+xEneykO0sTauSgV8NgFhtB4qG10eW31bxKlpBZavrVr5YtYY7JGVgzfvGW327dyjAK7TtJb0zQBwVW9K0q81rUotP0yHz7qbOyPcFzgEnkkDoDXT6W0tlZ+KL3V9HtDqNrHDshurFEWB2kC5EW0KOD0xg9wateEGl8R+OYpLLw7btZyIkd9Glgk0SkJgvjZiLcwz8uPSjoBwZGCQeoqSG3nuPM+zwyS+WhkfYpbYo6scdAPWuz8MaTqVto3iBIvDv2zWLV7dY4LnT/AD5IN2/c3lsp7Y6gjocdK17G5Nr4t1rTtItbA3VxpJLW0dnDKDdiJDJHGCp43B/3Y4yCMcCj/L9Lh1PPNK0q81rUotP0yHz7qbOyPcFzgEnkkDoDVQjBIPUV3Xg3T9YvfHxgv9BWQMwW/gfSI9sIKnblPLxFnA5AXNVdA0i/ttN1ZLTRjc+IbeWFfsdzZCaSKEhi7iF1OTnywTtOA3bOaAOPq7p2j32rLcnT4PNFrH5s3zqu1dwXPJGeWHSu51BLPSLXxBd22m6a19CtiJEe3SaO1ndW85UU5UfNkbcEA8Y4GOc8Wu2m+JrpNNY2cV1bQPLFbHy0bfEkhG1cDbuOcdBx6UaXB36GLqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwqTTtHvtWW5OnweaLWPzZvnVdq7gueSM8sOlXvDz6nqPi6CS2tIda1CZnbydQxIkx2nJfcRnjJ5PUVlRXdza+ctvPJAJRslWNyocZBwcdRkA49hQvMH5E9/o+oaZcXUN7ayRtaTeROQNyxyc/KWGRng9+cGrFvJqlrpV9piWMnl3SRXUpaFtyxpkq49FIfOSMdK2NLi1DxD4O1m3tluNS1N7+3uXiXMs0iBZVZ8cs2Cy5POMjNdLaX9zD4jvdJso7We8Hh+O3ED2sU7m4jgQNENykkjawKDgkcjIod0nf+tL/mG7/rvY8toq5qy3q6pONUtfsl2CPMg+zLb7Dgf8s1AC8Y7D1rp/Alha3en6vIIZLjU4hD9njh02O/cRkneywOwVudgJ52g++QLVA9DjKt6VpV5rWpRafpkPn3U2dke4LnAJPJIHQGu3vHsdPh8T31hoiQTQyWapDqenIrW7uG8wiJiwUE5IU5ABHHAxa0zSZZ/il5FhosNzYTwwSXcY09JoovMgDnGVIjBYnGMelAM8zIwSD1FFekeBNLjtYpLbWtFt3uH1SK2ljv7XMkaNDKxADDKk7VOevpXOeOIoV1HTZ4LeC3N3pdvcSJbxLGm9l5IVQAOlD0/D8VcFr/XnY5qius8D6VJfLqNzBH5z2yIBFFpiahMdzYysLsFwMcsc44x1rotS0RINa8QHw1pVvealGbQxWwtY5lijkj3SyLEd6Y3bRxkKG4OOaYHnN9YXOmXX2a9j8qXYj7dwPysoZTkeoINV66j4ih18aziUxlxb2wYw7dmfITO3bxj0xx6VtfDm3spdPP2zTbK8M+pxWzG5gWQiNoZWIUnpyo5HPFLo3/W9g6pf1tc4jStKvNa1KLT9Mh8+6mzsj3Bc4BJ5JA6A1UIwSD1Fep6fpkt7460hrPQ7ae0vdMt5r9ItMjeKMsjc42ER5I6jBPrXNaPDLofh3xBNe6VANRtZbZEXULMO0G/fk7HGMkY4II6HHANG179P87B0Oc0rSrzWtSi0/TIfPups7I9wXOASeSQOgNVCMEg9RXpmmaTLP8UvIsNFhubCeGCS7jGnpNFF5kAc4ypEYLE4xj0qPwJpcdrFJba1otu9w+qRW0sd/a5kjRoZWIAYZUnapz19KNld/wBa2Dr/AF2ueb0V0vjiKFdR02eC3gtzd6Xb3EiW8SxpvZeSFUADpTfCtnFrVvqOhi3ie+uUSWzlKjero2WUHrgoXOM9VFCTba7foD0s/wCtTnKK9I0qHSNU1LxDLpNnvmtTDDYRWulR3rtApKtKIHYKzHCFmOSNxPfIhvHsdPh8T31hoiQTQyWapDqenIrW7uG8wiJiwUE5IU5ABHHAwX0uOzOV8LtrLa2lv4aVTqE6skR2x7l4JJRn+42AfmBB9DWQ2dx3dc816Xpmkyz/ABS8iw0WG5sJ4YJLuMaek0UXmQBzjKkRgsTjGPSsXwl4evhc6r59nKl3ZJGrWp0gXtyN56i3kIXGOrEcZGOtOzuTfQ42ivZYNK0m08SXkK6Rp88U+oWsTCW2RgqyWryOEAJCZYZ+U4HY1xfiLRZ9a8S6Pa6LY263mpaZBP5ECxwI0hQlsDhR0pf1+Fx9Px/Gxx1FK6NG7I42spwQexrqvCdjNcaLqlxpGnxajq8UkKxQyWy3HlxMW3yCNgVPIQEkHaGzx1o3VwehylW9K0q81rUotP0yHz7qbOyPcFzgEnkkDoDXfa34f+23PiOy0vTLe41COPT5I4rGBCQDGPNaMIMbSzAnbxyD0qXTtFm/4WktjZaNb3diLe2W8VLGO4iTNup3btrBctk7gRn1NAHmJGCQeoorr/Cem3drqOpWl34e1Ga7SJU3JpIvHs2LBstBINp3AEZOCOorE8TWb6f4lvrWWa3neOXBe3hWJDxnGxQAhHQqBwQR2o7B3Muiuo8OTR2XhLXb8WVncXMMlssL3Vus3lbi4JCsCOg7gj2yBjoLrTAt5rEvh3Sbe71bbZSpaLZJOI4pIQ0rxwlSv3yo+6dobjGaAPN6kht57jzPs8MkvloZH2KW2KOrHHQD1r0OKxhj8VajFaaDNc3DWcHnnTtNS/SwuSFaVRC3yYJDLjI2nIHTFM0Rr7TPFviPR7f+z726ks5xCItOhPmyBQQioU4OM5jHGQRg4o/yf4B/wPxPO6K7PTGmsrPxPe6xo1p/aVrFBshurBI1gdpAu4RbQo4OcYwe4NLawL4t0jW30nQ4v7RC2bLBaQhm4yssiKoG0ElSQowM0dAOLrVml1DQ7K90W6gjjF55E0mTuYALvTBBxyHyf6V211opgvtYGgaVa3mq28VgsdultHcLHG0IMsqxkFG+baC2DjcTnnNc58RQ6+NZxKYy4t7YMYduzPkJnbt4x6Y49KH2BHL0V2fgSwtbvT9XkEMlxqcQh+zxw6bHfuIyTvZYHYK3OwE87QffI0orLSZfEGtf2lpE2n6AscRu5LmzFvPazkLgRr8xXc2f3YONpP8AdFO2tv6/r9RXPOqK9NstJV9Y8RtcaZHFqcbQmyttP0uK9UW5JBeKFyqyAgR/PgnDZ6kkU5Tp1jP4qvrbQ1jktobYxW+p2KobeVmUOwiJYKMkkKSRggEEcVN/6/r+rjPPq6Lwrd6hcNJ4fsdLtNWXUJFk+y3LMgLxhiGDK6EYBbgtj2rV0iSPWzq+oaRolo+sR20AgsVt1mVzws0qQbdpPAO3aQu4ntmneDNP1e98etBe6Esqs+2/hfSYysAKnGU2YizjqAtPyDzOZ1K9v/EN/JcNb5+zwBRFbxkpBDGAoHc7VGBkk+5rMrtvBLanpmpaxpBsUS/k0+YR2t1YRvM0gUEIBIpY5GTs6H0NO8O6RqN5qesXF7Y+VfWqxh7SLQo7iZdxx8tqdqKMDliOMjH3qLa6drh0/A4uG3nuPM+zwyS+WhkfYpbYo6scdAPWp9K0q81rUotP0yHz7qbOyPcFzgEnkkDoDXpCE6Z488Q6VolpZlrnTDJBALKGQyTGFHKoCG4PzHy1JX0BwKxvBun6xe+PjBf6CsgZgt/A+kR7YQVO3KeXiLOByAuaOvyDocKRgkHqKK7DQNIv7bTdWS00Y3PiG3lhX7Hc2QmkihIYu4hdTk58sE7TgN2zmtbUEs9ItfEF3babprX0K2IkR7dJo7Wd1bzlRTlR82RtwQDxjgYHoG5wumateaNcNcabIsM7IUEvlKzJnuhYEo3+0uCPWqZJJyeSa3vGlvDbeKJhbQxwJJBBMY4kCqrPCjNhRwBkngcCrHh3SJNZ8Ma5BYWJvdRR7Z4Uii3yhNzByvfHK5x7Zo1AyNI0S+126NtpqwyTAZEclzHEW9lDsNx9hk0aRol9rt0bbTVhkmAyI5LmOIt7KHYbj7DJrvNO0K4X4v2iaXpzPBaxW5nNnFvjjLW65YlMry2ee5rF8BaFq6/EG0jbS70PZy5uVNu+YMqcbxj5c+9AHHUV2XhLw9fC51Xz7OVLuySNWtTpAvbkbz1FvIQuMdWI4yMda7ODStJtPEl5CukafPFPqFrEwltkYKslq8jhACQmWGflOB2ND0V/6/rUFq7HjVFenXGnxzNLfaTpNlcazJo9ncQWUdmjqS+RLIkG3axAA42nGSe2axtKstSkttalh0WOfxJFNCDZPpiM0MJDb2W2Kbc58sE7eA3bOaOrXb/OwdP67XOKq/pGiX2u3RttNWGSYDIjkuY4i3sodhuPsMmr/jO3t7XxG8dvFDBL5MTXUEGNkU5QGRFA4GGzwOAcjtV34b6de3vjaxms7O4uIreTMzxRMyxgqcFiBxn3oB6HKVq6NPq2mwXWq6RtjW3CxSXGyNmiL5ClCwJVuD8y4I9RW74S8PXwudV8+zlS7skjVrU6QL25G89RbyELjHViOMjHWumutPms7nxbB4b0aO9lzYSJbR2YnVS0bMziIblxljx8yjPHQUdA3PJySTk8k0V6Rcaennaq/h3SrS812JbQTWcVolwsBMf+kFISGU4k2g4BC5IGKZdR2Glv4ju49M0+W8trO0Z4XhWSK1unZRKFX7vDE/L90HjBAxRsG5wulaVea1qUWn6ZD591NnZHuC5wCTySB0BqoRgkHqK7zwg0viPxzFJZeHbdrOREjvo0sEmiUhMF8bMRbmGflx6VS8J6bd2uo6laXfh7UZrtIlTcmki8ezYsGy0Eg2ncARk4I6inbUDkKK1PE1m+n+Jb61lmt53jlwXt4ViQ8ZxsUAIR0KgcEEdq1PDk0dl4S12/FlZ3FzDJbLC91brN5W4uCQrAjoO4I9sgYlPS4PcwtK0q81rUotP0yHz7qbOyPcFzgEnkkDoDVQjBIPUV6Zpmkyz/ABS8iw0WG5sJ4YJLuMaek0UXmQBzjKkRgsTjGPSsLwnpt3a6jqVpd+HtRmu0iVNyaSLx7NiwbLQSDadwBGTgjqKq2ornN6VpV5rWpRafpkPn3U2dke4LnAJPJIHQGqhGCQeor0Lw7ot9/wALPubD7Da6vbLNsvHi0yN4kUqSPl2YhOeCBjBBGeK4O7s7mwuntr63ltriM4eKZCjrxnkHkVIyGpIbee48z7PDJL5aGR9iltijqxx0A9a6Lw7pEms+GNcgsLE3uoo9s8KRRb5Qm5g5Xvjlc49s11Vq0umeMNZ0nSrSxMs2ir5MCWkM3mzfZ42KrlTuz8x2jIY84NPv/XQOp5fWppmuNp9lNZT2FpqNpM6yGC6D4VxkBlKMrA4JHXB7jgVX1Zb1dUnGqWv2S7BHmQfZlt9hwP8AlmoAXjHYetdB4H0qS+XUbmCPzntkQCKLTE1CY7mxlYXYLgY5Y5xxjrTWoPQxtP0m+8R6lKmmxW3nsS4h8+OEHJzhA7DP0GTiq+laVea1qUWn6ZD591NnZHuC5wCTySB0Br0O10GRPjUg0XTpGtYDFLN9lgzHEXhDEkKWVAWJwAcDoOKxfAWi6p/wmi2FzobzxqwS+iudOEphUqSN29SY8+vBpLYGcWRgkHqKK7Hw9ouoQafrC22jm41+2kgRbS6sxK8MTbi7+VICDzsGSpwGzxnNbGt+H/ttz4jstL0y3uNQjj0+SOKxgQkAxjzWjCDG0swJ28cg9KAOO0L+09Rin8PaRbx3EmpOjbSQrZjDMMEkAcE5z6VjkYJB6ivTtO0Wb/haS2Nlo1vd2It7ZbxUsY7iJM26ndu2sFy2TuBGfU1keGNJ1K20bxAkXh37ZrFq9uscFzp/nyQbt+5vLZT2x1BHQ46UeYHEUVu+MoraHxNKlrHDC4ii+0xW4Ajjn8tfNVQOAA+RgdDkVreBLC1u9P1eQQyXGpxCH7PHDpsd+4jJO9lgdgrc7ATztB98gWoPQ4yivRYrLSZfEGtf2lpE2n6AscRu5LmzFvPazkLgRr8xXc2f3YONpP8AdFcp4uguLfxReLdWVvZZbMUVqgWLy8fIyEAblK4O7v1PNLsBi0V2fgSwtbvT9XkEMlxqcQh+zxw6bHfuIyTvZYHYK3OwE87QffI07XR4bvxNrdxpWm3Nt9mjh3WUmhpc3Ku+N5S1d9qpkE5JO0MoHWqtrYDhdM1a80a4a402RYZ2QoJfKVmTPdCwJRv9pcEetUySTk8k10fj6ytrDxpeQWMUcMRSKTZGoVQzRqzYCkgDJPAJA6DipvB9m1xYavNp9lDqGrwxx/ZLWSATkqWxI6xEEOQMcEHAJOOM0lqrg9DlqK7XSrLUpLbWpYdFjn8SRTQg2T6YjNDCQ29ltim3OfLBO3gN2zmur0zTtKi1R45NJ02WWe9tYLyJoFdYJGtpGmjT+5869F+6RgYxQ9Ff0/EOtv60PH6K9nsbLTHOnXEui6XI2pCyEymzQKA9vKz7AAAuSinI5rHvtP8ANszfeH9GtLnWprCxmNrFYRyhI3VvMkSDaVPzCME7TjPbOaHo35OwLVLzVzzCrF9YXOmXX2a9j8qXYj7dwPysoZTkeoINegzaQq3OryaBpVrd65GloJbJLZLhLZmUm4KxEMnDhVPBCbiBirOt2dzLrGtS6Xp9tqeuRR2KiFLWO5CwmAeY8cW0qw3BBkKcA8YzQHU8tore8Z29va+I3jt4oYJfJia6ggxsinKAyIoHAw2eBwDkdqt+D7Nriw1ebT7KHUNXhjj+yWskAnJUtiR1iIIcgY4IOASccZoQM5artvqk9to97p0axmG8eN5GIO4FM4xzj+I54rqNKstSkttalh0WOfxJFNCDZPpiM0MJDb2W2Kbc58sE7eA3bOa0dQSz0i18QXdtpumtfQrYiRHt0mjtZ3VvOVFOVHzZG3BAPGOBgeiA4a31Se20e906NYzDePG8jEHcCmcY5x/Ec8VSr0dLGNPF+qLZaBcXPnWdtIsljpSXq2jvGjsfIYbMN8w7Y7elGk6JBHq3iSKTZf6tayRCEWOkRXX7sk7ytqxVAR8isMHYSfrRYOlzziivRW06OW916bw1oMjapG9sq2F7pyb4FZT50gt23qAXC9c7Q/brUmt+H/ttz4jstL0y3uNQjj0+SOKxgQkAxjzWjCDG0swJ28cg9KAPNq2tE1e6tdOvdPTS4NUs5dtxPDMkuE2Zw+6NlYAbj1OOa7IeHh/wk+qmxtoSbOzsx5NnpceoSFniTcyQlghGcln56jH3qnQnTPHniHStEtLMtc6YZIIBZQyGSYwo5VAQ3B+Y+WpK+gOBR0fp+Qdfu/H/AIc4eYat4vvbi6gto2FnbpmKJgiQQrtRVG45IGQOpPc+tZuo6fc6VqU9hfxeVc27mOVNwbaw6jIJB/CrF/c6tZ6ldpdrLp1zKAlxbxwi144IUxqFAHAOMe9JY2Wp+J9cS2tt97qN2xIMswDSNgk5ZyOeD1NHoG24zTtHvtWW5OnweaLWPzZvnVdq7gueSM8sOlalnp+uR3l/4Pgso2vbqZRLEXXcrxbjgNu29znr04rFjuLqyM0UM00BkHlyqjldwBztbHUZAOPUV1fw/h1LWvGStLYtq0Mz/wCnSXFmLrAIOCzMrFSSOuQT60b7BtucaRgkHqK6LSdO8SaTqN2dLgWK7t7VZpX/AHTNDG4Xa6M2drfOvKkMM9uav+HtF1CDT9YW20c3Gv20kCLaXVmJXhibcXfypAQedgyVOA2eM5qPx9dXdp4zvEjuPKaW1tkm+zOFSQeTGcfJ8pXIBAHHAxT0Df8ArzOb1GwutL1K4sdQj8q6t5Ckqbg21h1GQSDWjoyare6Nqun6ZbRzQOsVxcsWAZFRsKRkju+DwaXw8+p6j4ugktrSHWtQmZ28nUMSJMdpyX3EZ4yeT1FZUV3c2vnLbzyQCUbJVjcqHGQcHHUZAOPYUltZg/IszaHqcOuSaObKWTUYpDG1tCvmtuHUDbnPTtUVhpeoarctb6XY3N7Mqlmit4WkYAHGSFBOMkV13w2uNdvvHlrJbG9uo5buKTUJkVpCVDZBkfk7c88nBIBPQVW8P+ENa1HW76yuLfUrO1tNs9/FHA5l25yiiPGWc5+XI9T0BppbXDvby/E56y0TVdSuZbfTtMvLueD/AFsUFu7tHzj5gBkc8c1JB4d1e4uLy3WxlSexTzLmKbEbRLkDkNg9WHHvXVvLqWq+IfEkd54R1i4N+8bzWtorRTWwDbkLZifqB3Azya5zXrceHdfvtP0jUJntyFRyknJBAYxuVOGKtwe2VzgVKeiuDT1sZ2o6fc6VqU9hfxeVc27mOVNwbaw6jIJB/CpNO0e+1Zbk6fB5otY/Nm+dV2ruC55Izyw6U+xstT8T64ltbb73UbtiQZZgGkbBJyzkc8HqarR3F1ZGaKGaaAyDy5VRyu4A52tjqMgHHqKa8wfkO1HT7nStSnsL+Lyrm3cxypuDbWHUZBIP4V9Bfsof6rxb/vWX/tevK/BkEerW+tXlz9ov9ZBiaPFgmoylGY+Y4ikYBznYCxyQD75Ht37Py2qeIvG4sbG5sEzp5e2ubbyGR9k2793k7QTkgZ4BAparRhvex7bRRRTA/PzWDuu0P/TP+pqhXp/g63spYE+2abZXhn1CK2Y3MAkIjaOZiFJ6cqORzxTv7FF7fjUbGzgWVtIs53t7LRo7xy8mQzJbkqgHHzMQcZGOtJKy+78VcL3/AK87HnOlaVea1qUWn6ZD591NnZHuC5wCTySB0BqXSdDvtcu2ttNWF51GRHJcxxFvZd7DcfYZNeg22iN/wt6az0zRobrTnWJrpBp6TRxh4QxI4cRgsTjacdgcVz/gLQtXX4g2kbaXeh7OXNypt3zBlTjeMfLn3p7g9DM8JnUYL64vtI063vJ7OHzfMncj7PyFEijeoJBYcHcPaqyz6t4S1q6hXbaahCWhkYpHI8TdCUbB2t/tKQfQ1VkGpaNcXFpKLqwmZQk8LbomI4YBl4OOhwfY1oeHn1PUfF0EltaQ61qEzO3k6hiRJjtOS+4jPGTyeoo32Da9xvhmPVRqb6hpFtHdPYxmWZJWG0xsdhDAkEg78cHPNQappl7DrV/avpn2aa1ZjPbW+6RYAvXncx2j1LH61Tiu7m185beeSASjZKsblQ4yDg46jIBx7Cuu8DatqM+oazCnlXt7e2E7R/aLaO4lnlAB2gupZsgH5ehx0NHmuzDrr3OLorv/AA1pzXMuuvqenSJr0Jh2WkOiRTvGhzvZbVtif3MnbwGzjnIktra3fxdrC6d4Y1T5oYxj+xEneykO0sTauSgV8NgFhtB4o6gcBDbz3HmfZ4ZJfLQyPsUtsUdWOOgHrVjTtH1PV3ddJ067vmjALi2gaQqD0ztBxXcaI19pni3xHo9v/Z97dSWc4hEWnQnzZAoIRUKcHGcxjjIIwcVz1npGp6h4huf7R8NaneSw4+0WmnWwtWiJA25VYmCAgdNoz1oWrXoHR+plWOi3+o3k1tbQYkgBaYzOsKwgHBLs5CrzxyRycdahv9PudMvXtL6Py5kwSAwYEEZBDAkEEEEEEgg16tLpkepXusGSNdVae9eaS3jZlV2RIQsblGyRH57lsP1jJJ61Je6Vpf8AaF/bWVnM2o6fbxxW9rHpy38sUJnlPEMrAMQhi5OSA3vkHRf1/X9MF1/rqeO0V6LFZaTL4g1r+0tIm0/QFjiN3Jc2Yt57WchcCNfmK7mz+7BxtJ/uiltdDvJvE+uzvp1vA9uI/JtbDSUvyYmOEaKFiqMm0AmQgnkd2NAHnNFeywaVpNp4kvIV0jT54p9QtYmEtsjBVktXkcIASEywz8pwOxqhNYPJpt3faL4ds73UZdO0+ZYotNWURM4kDusQXb2HUEdyM4oe1/T8VcP6/Gx5xpGiX2u3RttNWGSYDIjkuY4i3sodhuPsMmqFekaTpMk3xctW0nTyy24ia/FlDmG3mMP7wfLwo37hjoCCO1UPB+iCOHWor2wuhrVt5Iitf7KS8mRCTvYW8rKD/BkkEgNnHOQAcNRXT6vosmt+PJNM8OaVc29xOARZXMK2rK4j3P8AIWIQHDMBngEAdqd4RsnmstYlsbGHUNYgjjFpayQCckFsSOsRBDkDHUHAJPbNCBnLUV2ulWWpSW2tSw6LHP4kimhBsn0xGaGEht7LbFNuc+WCdvAbtnNdXpmnaVFqjxyaTpsss97awXkTQK6wSNbSNNGn9z516L90jAxih6K/p+Idbf1oeWado99qy3J0+DzRax+bN86rtXcFzyRnlh0qPUdPudK1Kewv4vKubdzHKm4NtYdRkEg/hXReMZmtL+xm08LY/wBoaTby3MdmohjckZPyrgYyoOPUZrEsbLU/E+uJbW2+91G7YkGWYBpGwScs5HPB6mjW9vUOl2WtGTVb3RtV0/TLaOaB1iuLliwDIqNhSMkd3weDWdqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwpsdxdWRmihmmgMg8uVUcruAOdrY6jIBx6iul0S+ZfDfiHV7mC3v9QWa22XF/Ctwyly+5vnyCTjvkfiBg8w12ZydFelR6Es3ifV7jT7WMeVa2kv2e10lL6QNLGrMY7diEC5JycfLkAYzW3BpWk2niS8hXSNPnin1C1iYS2yMFWS1eRwgBITLDPynA7Gh6LX+tbAtXp/WlzxqrunaPfastydPg80WsfmzfOq7V3Bc8kZ5YdK9LTS9PujLeW9gv8Aak2l2M6W9jpEN1gPu810tmKoeQgJwcZz3yOH8T3C2fiW+TSIb7SopkRZ7WWI2zbsKzAxhjtUsNwXJA49BRs7MN1dGRqOn3OlalPYX8XlXNu5jlTcG2sOoyCQfwqxplhqup2t5DpgkkgiRZ7mMShVwG2qxBIyQXwOpGTVrw8+p6j4ugktrSHWtQmZ28nUMSJMdpyX3EZ4yeT1FZUV3c2vnLbzyQCUbJVjcqHGQcHHUZAOPYULzB+Q/UdPudK1Kewv4vKubdzHKm4NtYdRkEg/hVavRvAPkahBJcatZ22pz3eqxwSzX0Qmcq0MrNhm5BJUc9eK0k0vT7oy3lvYL/ak2l2M6W9jpEN1gPu810tmKoeQgJwcZz3yCzW/l+KuF0/687Hk9SQ289x5n2eGSXy0Mj7FLbFHVjjoB613149jp8Pie+sNESCaGSzVIdT05Fa3dw3mERMWCgnJCnIAI44GLllNJZ+MNbsNIs7PzL3SBNDbCxhcvM0EblEVlPByx2Dg+nSjo/66XDrY8xq/pGiX2u3RttNWGSYDIjkuY4i3sodhuPsMmup8O6RqN5qesXF7Y+VfWqxh7SLQo7iZdxx8tqdqKMDliOMjH3q1rXQZE+NSDRdOka1gMUs32WDMcReEMSQpZUBYnABwOg4oDuee6Zq15o1w1xpsiwzshQS+UrMme6FgSjf7S4I9aZFYXVxYXN9HHut7ZkWaTcPlL528Zyc4PSmXdnc2F09tfW8ttcRnDxTIUdeM8g8ium8NXzad4L8Q3EcFvO4ltQouYhKqkmT5tjfKT/vAj2o6XA5OivUYNI059Y1x7SzLagILKaC3tdLivCiyRhpWS3dlUjcV7HaG4HcVLXR4bvxNrdxpWm3Nt9mjh3WUmhpc3Ku+N5S1d9qpkE5JO0MoHWnZ3sHS5xGkaJfa7dG201YZJgMiOS5jiLeyh2G4+wyaqQ289x5n2eGSXy0Mj7FLbFHVjjoB616Va6DInxqQaLp0jWsBilm+ywZjiLwhiSFLKgLE4AOB0HFY/gltT0zUtY0g2KJfyafMI7W6sI3maQKCEAkUscjJ2dD6Gl0v5B1+78TkYrC5n0+4vYo91vbMiyvuA2l87eOpzg9Kl07R77VluTp8Hmi1j82b51Xau4LnkjPLDpXV2F5f6Z4f8UTajptvFfLNaBre5sERYmO/B8naEBx2K45zjPNZXi1203xNdJprGziuraB5YrY+Wjb4kkI2rgbdxzjoOPSjr/XYH5FK4k1DQYdU8P3kEcbyTILlSdzI0ZbABBx/Ec9arado99qy3J0+DzRax+bN86rtXcFzyRnlh0p9jZan4n1xLa233uo3bEgyzANI2CTlnI54PU1WjuLqyM0UM00BkHlyqjldwBztbHUZAOPUULzB+Q7UdPudK1Kewv4vKubdzHKm4NtYdRkEg/hSRWFzPp9xexR7re2ZFlfcBtL528dTnB6V1vhVb/UdE8QX1tpY1zVhJblHntPtki7i4Z9pByfqCOnHArUvbmDSLDxNJZWdgZl/s8TQmFZIIbgo3m7U5Xhtw2kEA544GFstR7vQ82or0i60wLeaxL4d0m3u9W22UqWi2STiOKSENK8cJUr98qPunaG4xmm6glnpFr4gu7bTdNa+hWxEiPbpNHazurecqKcqPmyNuCAeMcDDem4lrsec1d07R77VluTp8Hmi1j82b51Xau4LnkjPLDpXokGkac+sa49pZltQEFlNBb2ulxXhRZIw0rJbuyqRuK9jtDcDuOO8T3C2fiW+TSIb7SopkRZ7WWI2zbsKzAxhjtUsNwXJA49BRs7MN1oZGo6fc6VqU9hfxeVc27mOVNwbaw6jIJB/Cl0/S7/VrgwaVY3N7Mq7zHbQtIwXpnCgnHI/OtHw8+p6j4ugktrSHWtQmZ28nUMSJMdpyX3EZ4yeT1FW/B3h3UPEN5dRwG7TT7YLNffZEaRiAflVUX7zk52+nJ6A04ruD8jn0s7mW9FnHbyvdM/liBUJcvnG3b1znjFPi02+n1H+z4LK4kvdxT7MkTGTcOo2gZyMHj2rvra+i/4SzWNT1OWLQtcurlY7e1v7ecNBE/3n+WNvnK4UE4+8x9KuPBs1jx1DplrDrt9LdqRaRGYM8RlfzF2rsdtp2ZCnGcHJA5XRP+un+Yd/67nncOg6xcalLp8GlX0t7CMyWyWzmRBxyVAyOo/MU2HRdVudSk0+3028lvY877aOBmkTHXKgZGK9AttHto18R2FjYTXsLQ2bz6PYOXuI5sZYI/zELGxYHKv1APPzC/dWsN9J4msmS7v7sNZSf2fpy7LiSFY9oibJcgoxTf8AfOV5x1AH9f1/W55nZaFqOoX09lbW/wDpcCsXt5JFjkyvVQrEFmGD8oBPHSo9L0u51i+W0sfJMzfdWa4jhDHOMAuwBPPTOa7i/u2ufjFpEllFb/bENqk8QmbYJlQB1MhDEkdCfmOQeprltNW0TxxYLp8s01v9uh2PPGI3PzjqoZh+v5dKcVdpMUnZNmRcW8lrdS29wuyWFyjrkHDA4IyPeo60fEP/ACM2qf8AX5L/AOhms6oi7xTLkrNoKKKKokKKKKACiiigAooooAKKKKACiiigAq5pmrXmjXDXGmyLDOyFBL5SsyZ7oWBKN/tLgj1qnRQAEknJ5JooooAu6tqk2sX/ANruVjSTyo4sRggYRAg6k84UVSoooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACrurapNrF/wDa7lY0k8qOLEYIGEQIOpPOFFUqKACrtvqk9to97p0axmG8eN5GIO4FM4xzj+I54qlRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFXdW1SbWL/wC13KxpJ5UcWIwQMIgQdSecKKpUUAFFFFABVzTNWvNGuGuNNkWGdkKCXylZkz3QsCUb/aXBHrVOigAJJOTyTRRRQAUUUUAFFFFABRRRQAUUUUAXNM1a80a4a402RYZ2QoJfKVmTPdCwJRv9pcEetUySTk8k0UUAFfRf7KH+q8W/71l/7Xr50r6L/ZQ/1Xi3/esv/a9AH0PRRRQB8BT6feajqcVrp1pPeXDR5EVvGZGIBJPA5rPurS4sbp7a9t5baeM4eKZCjKfQg8iu1iiml8C+IfsBZZo2tXuSDjdb7pARnv8AOUJHfA9KxNBttWbxPp8cGn2+qXbxbre0viskcibCRkFgMAZIGRjApLt/X9f8Eb7/ANf1/wAAyILG4ubS5uYI98VqqtMdwyoZtoOM5IyQOOmRVetrwtfR2XiKOO8B+x3ga0ulUZ/dyfKTj1Bww91FaPhzTtTsvFeoaUi2ssVukqaklzkwtDGfnJx83GAQV+YHBFP+v6/AXf8Ar+upylFXdZGmDWLn+wjcHT9/7j7SAJNvvjj/AOtVKkndXG9GFFFFMQUUUUAFFFFAGppmuNp9lNZT2FpqNpM6yGC6D4VxkBlKMrA4JHXB7jgVnTy+fcSS7Ej8xi2yNcKuTnAHYUyigAooooAKu2+qT22j3unRrGYbx43kYg7gUzjHOP4jniqVFABRRRQAUUUUAFFFFABVzTNWvNGuGuNNkWGdkKCXylZkz3QsCUb/AGlwR61TooACSTk8k0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAFzTNWvNGuGuNNkWGdkKCXylZkz3QsCUb/AGlwR61TJJOTyTRRQBdt9UnttHvdOjWMw3jxvIxB3ApnGOcfxHPFUqKKACiiigAooooAKKKKACiiigAooooA0dE1l9Cv/ttva289wg/cvPvPkt2dQrAEj/ayPamaPqY0nU4702VvevEwdEuTJtVgQQ3yMpJGO5x7VRop3s7isTXl099fT3coUSTyNIwUcAscnHtzUNFFSlZWQ9wooopgFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFfRf7KH+q8W/71l/7Xr50r6L/ZQ/1Xi3/esv/a9AH0PRRRQB/9k=)

A picture containing text, receipt, screenshot, font

Description automatically generated

A picture containing text, receipt, screenshot, font

Description automatically generated

The next stage was then to implement the map and pins. Both Google Maps and HERE Maps would be reasonable choices for this project, HERE Maps was chosen due to previous experience working with it in TMA352. HERE provides code examples which provided a good basis to start off working with the map, such as to show how to initialise the map, centre it on a specified location, restrict the movement of the map to within specified boundaries and place a marker at a specified location.

<https://developer.here.com/documentation/examples/maps-js>

Accessing the API for the map requires creating an account with HERE, registering an app with them and then generating an API key which can be inserted in the code as shown in figure x.

A screen shot of a computer

Description automatically generated with low confidence

The next step was then to use a GET request to access the DynamoDB table to find location data for services and then put a pin at that location. However, in order to access AWS services valid credentials need to be supplied; there are multiple ways to do this, including hardcoding them into the code itself. This is not recommended, as it presents a security risk even if they were later removed due to version control systems retaining older versions of code (<https://docs.aws.amazon.com/codeguru/detector-library/python/hardcoded-credentials/>). Instead, the recommended approach by AWS is to use two other AWS services, Cognito and IAM (Identity and Access Management). Cognito identity pools can be used to generate temporary credentials for the users of the app, which are applied for the role created in IAM. In this case the intention that users will not require accounts, so the users will be unauthenticated, but if that were to change these services could be used to authenticate users. Once this has been setup then the AWS SDK for JavaScript was included in the HTML file as shown in figure x, and the Identity Pool ID and region supplied to the AWS config as shown in figure x. This allows the app access to AWS services, such as DynamoDB.



A screen shot of a computer code

Description automatically generated with low confidence

<https://docs.aws.amazon.com/sdk-for-javascript/v2/developer-guide/getting-started-browser.html>

<https://docs.aws.amazon.com/sdk-for-javascript/v2/developer-guide/loading-browser-credentials-cognito.html>

Retrieving the data from the DynamoDB table was the next task, so a function was written to retrieve a single item from the table and then print the information in the browser console.

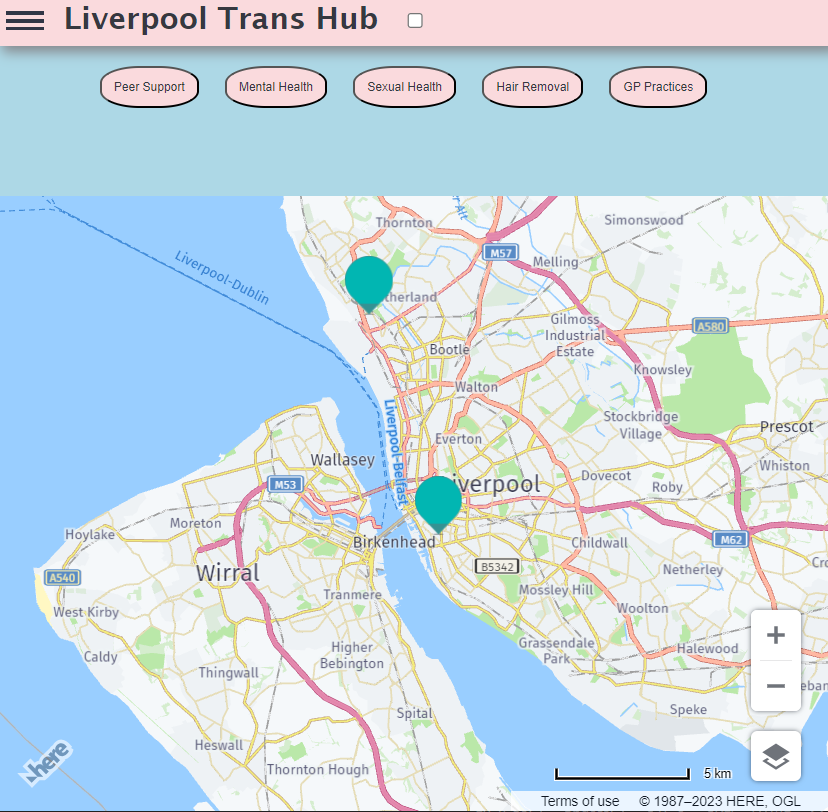
Once it was confirmed that data was correctly being retrieved from the DynamoDB Table, then a function was written to use that data to put pins on the map the correct locations. The getServicesFromDatabase function shown in figure x runs on load and supplies the longitude and latitude data retrieved from the DynamoDB Table and to the addMarkersToMap function shown in figure x, which then places the markers at those coordinates. Figure x shows the result with 2 markers placed on the map for services retrieved from the database.

A screen shot of a computer program

Description automatically generated with low confidence

A picture containing text, screenshot, font, line

Description automatically generated



<https://www.fernandomc.com/posts/eight-examples-of-fetching-data-from-dynamodb-with-node/>

<https://dynobase.dev/dynamodb-nodejs/>

<https://docs.aws.amazon.com/sdk-for-javascript/v3/developer-guide/dynamodb-example-table-read-write.html>

<https://docs.aws.amazon.com/sdk-for-javascript/v2/developer-guide/loading-browser-credentials-cognito.html>

<https://docs.aws.amazon.com/sdk-for-javascript/v3/developer-guide/setting-credentials.html>

<https://docs.aws.amazon.com/sdk-for-javascript/v3/developer-guide/dynamodb-example-table-read-write.html>

### 1.3.3 Future Plan

Finish map:

Work on CSS for tag buttons and info sidebar to improve appearance

Labels for map markers

Change appearance of map markers, colour-code for type of service

Input description and contact information into DynamoDB table

Make info sidebar pop out when a marker is clicked

Load description and contact details into info sidebar with contact details interactive

Search function

Events calendar

Write up EMA

# 2. Review

## 2.1 Review of project work

Reflection on process and what has been achieved

Not analysis of what is covered on TMA01/02

Discuss strengths e.g. lit review

Weaknesses so far include planning / skills dev plan

|  |  |  |
| --- | --- | --- |
| **Date** | **Format** | **Details** |
| 26/1/23 | Email | Introduction and link to forum post with initial project idea |
| 27/1/23 | Zoom chat | Discussed further thoughts on the initial idea |
| 30/1/23 | Zoom chat | Agreed Zoom meeting |
| 2/2/23 | Zoom meeting | Discussed initial ideas and how to move forward to TMA01 |
| 9/2/23 | Tutorial | TMA01 |
| 11/2/23 | Zoom chat | Updated tutor with progress |
| 17/2/23 | Zoom chat | Asked for help with finding information about a database used in a previous module |
| 28/2/23 | Zoom chat | Updated tutor with progress |
| 10/3/23 | Zoom chat | Question about legal/ethical implications of requirements elicitation |
| 16/3/23 | Zoom chat | Arranged zoom meeting to discuss TMA01 feedback and asked a question about anonymity with requirements elicitation |
| 16/3/23 | Zoom meeting | Discussed feedback from TMA01 and how to move forward to TMA02 |
| 22/3/23 | Zoom chat | Sent consent form and participant information sheet to get feedback |
| 24/3/23 | Zoom chat | Sent consent form and participant information sheet again after acting on feedback to get the go ahead to proceed |
| 4/4/23 | Tutorial | Watched the recording of the TMA02 tutorial as I was unable to be present at the live event |
| 8/4/23 | Zoom chat | Update on progress |
| 23/4/23 | Email | Extension request for TMA02 due to personal circumstances |
| 9/5/23 | Zoom chat | Update on progress and arranged zoom meeting |
| 12/5/23 | Zoom meeting | Discussed feedback from TMA02 and how to move forward to TMA03 |
| 16/5/23 | Zoom chat | Update on progress and asked a question regarding setting up API’s in AWS |
| 31/5/23 | Zoom chat | Update on progress |
| 5/6/23 | Zoom chat | Update on progress |
| 8/6/23 | Tutorial | TMA03 |
| 16/6/23 | Zoom chat | Update on progress |
| 22/6/23 | Zoom chat | Asked a question on referencing for the AWS documentation |
| 28/6/23 | Zoom chat | Update on progress |

## 2.2 Review of project management

Short account of project lifecycle being used – perhaps cover changes to it here

Not a general discussion of lifecyles

## 2.3 Risks to project completion

### 2.3.1 Resources

The resources focused on previously involved gathering feedback from services and members of the community, and while this is very important for a full release, for the purposes of this project it has been scaled back. While feedback is important, too much time focused on it would not leave enough time for other aspects of development. This aspect of the resources list has been condensed and other essential resources added.

* Representatives of services e.g. manager of a laser hair removal clinic
  + Can offer feedback about the events system and the ways in which users can contact their service.
  + May offer vital perspectives of how the app effects the community
* Members of the Liverpool trans community
  + Different members of the community may have different needs regarding accessing services.
  + Could offer feedback on prototypes of the app.
  + May be a source of information about services that should be included.
  + The Liverpool Trans Wiki may an essential source of community information about the services, as it documents many of them.
* Programming languages
  + JavaScript – proficient enough to tackle much of the proposed features, but some learning may be required as it will likely extend beyond current knowledge.
  + HTML – reasonably proficient, significant problems are not anticipated.
  + CSS – only minimal experience, may need some time to learn and to use trial and error to achieve goals.
  + SQL – a small amount of experience that should be sufficient for a simple database, but for anything more complex some learning may be required.
* Cloud storage and version control
  + Microsoft OneDrive and GitHub can be used to backup files in the cloud and continue work between different devices. GitHub also provides version control with branching and reverting.
* DBaaS options
  + OpenStack Trove – A database solution, which is free and open source and will be used to store all the data for the services.
  + AWS DynamoDB – A serverless database solution from Amazon that has a limited free access that is accessed through an online GUI.
* Hardware
  + PC – used for coding, testing, writing up reports and conducting research.
  + Laptop – as above, but with portability. More focus on writing up reports, since other tasks are easier with a larger screen.
  + Phone – used for support with research, but also to test the app on a mobile device.
* Software
  + Chrome – Browser used for testing with developer tools, for investigating issues with code and to see how the app responds to different resolutions.
  + Visual Studio Code - A commonly used code editor that will be used throughout the project for all coding purposes.
  + CURL (Client URL) – for testing and using API’s using the command line.
  + AWS – various services provided by Amazon, including DynamoDB which will be used to create the database.

### 2.3.2 Risk management

The goal of risk management is to identify, mitigate and minimise risks prior to them becoming a threat to the successful completion of the project (Hughes, 2012). The first part of managing risk is to identify and assess potential risks, considering how likely they are to occur and the severity of their impact. Table x (Open University, 2023) considers risks for the project and labels them so they may more easily be referred to for the risk management process.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Label | Project Activity | Risk Description | Likelihood (low, medium, high) | Impact (low, medium, high) |
| R1 | Feedback from service providers for requirements elicitation and prototyping | Providers may be busy and not wish to engage with giving feedback or may only engage in a limited way. | Medium | Medium |
| R2 | Feedback from service users for requirements elicitation and prototyping. | The feedback given by users may be not useful or relevant if questions don’t properly direct users or may miss vital feedback if questions are too closed. | High | Medium |
| R3 | Feedback from service users for requirements elicitation and prototyping. | Users may not wish to engage with giving feedback or may only engage in a limited way. | Low | High |
| R4 | Coding the application. | Attempting to code non-routine tasks may cause significant delay. | High | Medium |
| R5 | Using Visual Studio Code | Since this is the first time using this software, there may be some adjustment time to using it causing delays. | Medium | Low |
| R6 | Storing data in the cloud | Data loss in the cloud, which could be due to several reasons including accidental deletion and server failure. | Low | High |
| R7 | Installing and setting up a database | The task may take longer than anticipated, since previous work with databases was after it had been set up. | Medium | Medium |
| R8 | Unexpected Illness | Time could be lost to illness, including potentially at a critical time such as in the run up to a TMA deadline. | Low | Medium |
| R9 | Hardware failure | A sudden mechanical failure requiring the repair or replacement of a piece of hardware | Low | Medium |
|  |  |  |  |  |

The next stage of managing risk is to identify which risks are most important to address, so the likelihood and impact of each risk have been combined in a probability impact grid, as shown by Hughes, but instead of a ‘Line of Tolerance’, the grid (shown in table x) has been colour-coded to indicate the most crucial risks to address with red and orange being most critical and to be addressed with urgency and in detail; yellow important to be addressed as much as feasible; green being least important and the risk may be accepted or only convenient mitigations undertaken. Risks 2 and 4 have been identified as the most crucial and mitigating them will form notable parts of the project; whereas risks 5, 8 and 9 have been identified as the least crucial and will be accepted without mitigation.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Impact | High | 3, 6 |  |  |
| Medium | 8, 9 | 1, 7 | 2, 4 |
| Low |  | 5 |  |
|  | Low | Medium | High |
| Probability | | | |

Table x shows the mitigating actions that were taken for each risk and explains what happened. In most cases the mitigating actions were effective …

|  |  |  |
| --- | --- | --- |
| Label | Mitigating Actions | Result |
| R1 | Identify people most likely to provide feedback and be respectful of their time to get as much out of any engagements as possible | The most likely service provider to provide feedback was identified and engaged with, but personal reasons meant they had to drop out of the requirements elicitation study. Since mitigation failed adjustment to the analysis was necessary, so the requirements elicitation still went ahead without this stakeholder group and future work suggested to engage with other stakeholders. |
| R2 | Questionnaire to be carefully designed to facilitate getting high quality feedback. | The feedback was good quality and useful information was gained, so mitigation of carefully considering the questionnaire was successful. |
| R3 | Undertake feedback gathering as soon as possible, attempt to identify most likely candidates to participate and consider changes to project lifecycle if necessary. | This partially occurred, with less users participating than anticipated; however, this only had a minimal effect on the analysis and changes to the project lifecycle were made to reduce reliance on gathering feedback. |
| R4 | A skills development plan will be implemented, particularly for CSS & databases. | Skills development was undertaken for CSS and using the AWS services such as DynamoDB. |
| R5 | No mitigation to be undertaken. The primary purpose of the software is very similar to other code editors, and any shortcuts learned will only speed up tasks. |  |
| R6 | Data will be stored locally on two machines (PC & laptop) as well as in the cloud, so there is no single point of failure. |  |
| R7 | Begin working on this early in the project to ensure there is time to work through any issues. | This occurred due to the time scale involved of setting up Trove, so there was a switch to AWS. This was mitigated by starting the databases relatively early in the project, so disruption was minimised. |
| R8 | No mitigation to be undertaken but contact with tutor to be maintained so that an extension can be requested if necessary. | Unexpected illness caused a week’s delay around the time of a TMA deadline, but an extension was requested and granted, so disruption was minimal. |
| R9 | No mitigation to be undertaken, if either the PC or laptop were to suddenly fail then the other could be used as backup. |  |

Risks initially identified, strategies to mitigate them and how effective they were

Any risks that may still occur and how they may be mitigated

## 2.4 Review of personal development

What I have learnt so far, effectives ways to work and learn

What I need to extend current knowledge

Reflect on skills acquired or improved – project management and self management

Look back at TMA01/02 here

# 3. References

# 4. Appendix