**Social Network Analysis, Community Detection Algorithms, and Neighbourhood Identification in Pompeii**

Notarian, Matthew1

1 Hiram College – Hiram, Ohio, USA

Correspondence: notarianmf@hiram.edu

**Abstract**

The definition and identification of urban neighbourhoods in archaeological contexts remain complex and problematic, both theoretically and empirically. As constructs with both social and spatial characteristics, their detection through material culture alone remains elusive, especially within large settlements that are incompletely excavated or preserved. Thanks to its focus upon relational ties, network analysis offers a profitable path towards untangling the complexities of urban neighbourhoods, especially with respect to their often imprecise, fuzzy boundaries. Various community detection algorithms offer mathematical solutions for partitioning large graphs into communities, but these should not be applied without careful interpretation. Two of the most widely utilized community detection algorithms based on modularity optimization, Louvain and Leiden, contain a customizable resolution parameter that is often overlooked by practitioners. This controls the density of the partitioned communities, and therefore the number identified, but it is difficult to determine the optimal value for any given network. In addition, the results of community detection algorithms vary stochastically. Reliance upon a single iteration may mask potentially significant differences between runs using even a constant resolution parameter. A recently developed algorithm, the Convex Hull of Admissible Modularity Partitions (CHAMP), is designed to overcome these complications and also generates potentially useful multiscalar network community structures. Its applicability to neighbourhood archaeology is demonstrated within three networks of Pompeian housing units based on shared public fountains.

The case study examines Pompeii’s public fountains as hubs of social interaction. Given their daily frequentation by nearby inhabitants, fountains represent plausible proxies for the centres of definable neighbourhoods. It expands upon a spatial network model that connected all 2000+ external doors in the city to the 40 public fountains that were likely functional in 79 CE. Three undirected, one-mode networks were constructed in which units are linked to each other by a common fountain and weighted by the number of fountains they share. The first network connects units by the closest fountain to any external door. Since many properties had side doors within reach of different water sources, these represent potential interconnections between communities. The second and third networks use incrementally larger time to fountain thresholds (30-second and one-minute walks to any fountain, respectively) to map potential choices, also expanding social integration. The results demonstrate that innovative methods for assessing the output of community detection algorithms offer new modes of analysis that are applicable not just to neighbourhood archaeology, but any archaeological network analysis that uses graph partitioning.

***Keywords:*** network analysis, community detection, neighbourhoods, urban archaeology, Roman archaeology, Pompeii

Introduction

Neighbourhood archaeology (e.g. [Pacifo & Truex, 2019a](#Pacifico_and_Truex_2019a); [Thompson et al., 2022](#Thompson_et_al_2022); [Haug et al., 2023](#Haug_et_al_2023)) and network community detection ([Shai et al., 2020](#Shai_et_al_2020)) are two topics that have seen increasing interest in recent years within their respective disciplines. In general, community detection algorithms seek to identify clusters of nodes that are more densely connected to each other than others in the network, a process with many useful applications in archaeology. Studies have used them to explore the political affiliation of Maya polities ([Scholnick et al., 2013](#Scholnick_et_al_2013)), spatial scales of ceramic similarity networks ([Peeples & Bischoff, 2023](#Peeples_and_Bischoff_2023)), Neolithic household community organization ([Mazzucato, 2019](#Mazzucato_2019)), and dendrochronological provenance patterns ([Visser, 2021](#Visser_2021)). Nonetheless, advances in the quality and efficiency of community detection algorithms, and innovative methods for assessing their outputs, offer new modes of analysis that have yet to be put to widespread use in archaeological network research. This paper focuses on the potential of community detection to identify urban neighbourhoods in Pompeii, but the methodologies outlined have implications for numerous applications within archaeological network analysis that use graph partitioning.

Two of the most widely utilized community detection algorithms based on modularity optimization, Louvain and Leiden, contain a customizable resolution parameter () that is often overlooked by practitioners. This controls the density of the partitioned communities, and therefore the number identified, but it is difficult to determine the optimal value for any given network. In addition, the results of community detection algorithms vary stochastically. Reliance upon a single iteration may mask potentially significant differences between runs using even a constant resolution parameter. A recently developed algorithm, the Convex Hull of Admissible Modularity Partitions (CHAMP), is designed to overcome these complications and also generates potentially useful multiscalar network community structures ([Weir et al., 2017](#Weir_et_al_2017)). Its applicability to neighbourhood archaeology is demonstrated within three one-mode networks of Pompeian housing units based on shared public fountains.

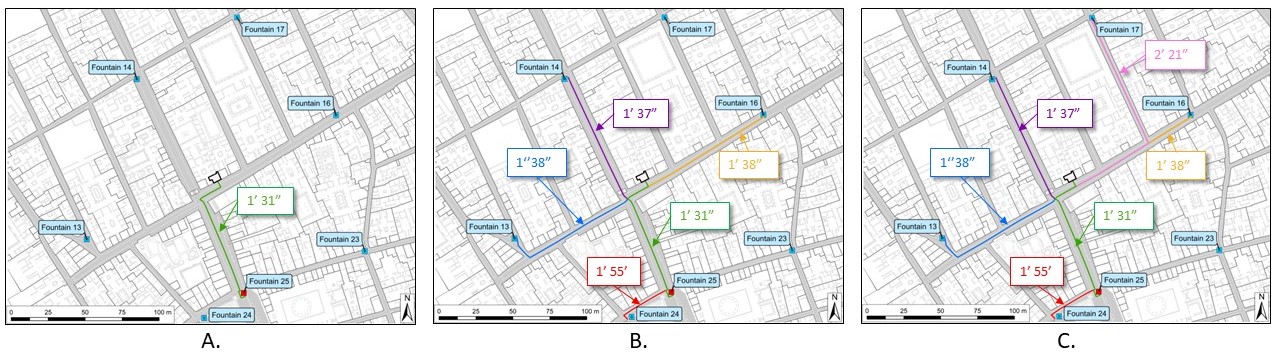
Neighbourhoods in Pompeii based on Shared Public Fountains

The definition and identification of urban neighbourhoods in archaeological contexts remain complex and problematic, both theoretically and empirically ([Smith 2010](#Smith_2010); [Pacifico & Truex, 2019b](#Pacifico_and_Truex_2019)). Are neighbourhoods primarily top-down administrative units, organic bottom-up household agglomerations, or something in between? Is face-to-face interaction an important prerequisite or can larger districts exist at a more dispersed level of contact? Crucially, as constructs with both social and spatial characteristics, their detection through material culture alone remains elusive, especially within large settlements that are incompletely excavated or preserved. Nonetheless, in Pompeii, many studies have noted that public fountains were centres of daily social interaction for nearby inhabitants ([Laurence, 2007](#Laurence_2007); [Notarian, 2023](#Notarian_2023)). Therefore, they can be considered plausible proxies for definable neighbourhoods. These are often defined by simple linear distances from fountains. Yet, thanks to its focus upon relational ties, network analysis offers a more profitable path towards untangling the complexities of urban neighbourhoods, especially with respect to their often imprecise, fuzzy boundaries ([Poorthuis, 2018](#Poorthuis_2018)). It also generates quantitative metrics with which to explore theoretical questions regarding the nature of urban neighbourhoods.

The excellent preservation of Pompeii’s streets and domestic units permits the creation of a detailed social network based on shared fountain use. This study expands upon an earlier GIS spatial network model that connected all 2000+ external doors in the city to the 40 public fountains that were likely functional in 79 CE, when the city was destroyed ([Notarian, 2023](#Notarian_2023)). Two points layers represented doors and fountains, respectively. A polyline along the street network connected these points, which was then subdivided into 3m segments. Least-cost routes to the closest fountain from every door were identified using ArcGIS’ Closest Facility function, but costs were derived in units of time rather than linear distance. Elevation values from an underlying digital elevation model were imported to each network segment endpoint to calculate its average slope. Various slope-based walking functions were used to estimate speed, which was then converted to costs in minutes. The results of this analysis revealed important points that had previously been overlooked. First, many housing units with multiple exterior doors are closer to different fountains depending upon the door exited. Second, an inhabitant’s choice of fountain often depended upon differences of mere seconds in walking time. In such situations it is difficult to predict which fountain a particular unit may have frequented. Individual agency must have determined the composition of the social communities tied to fountains more than previously assumed. Further, if Pompeians habitually used *multiple* fountains, the neighbourhoods formed by this activity would have been far more dynamic, fuzzy, and overlapping than a static division can represent.

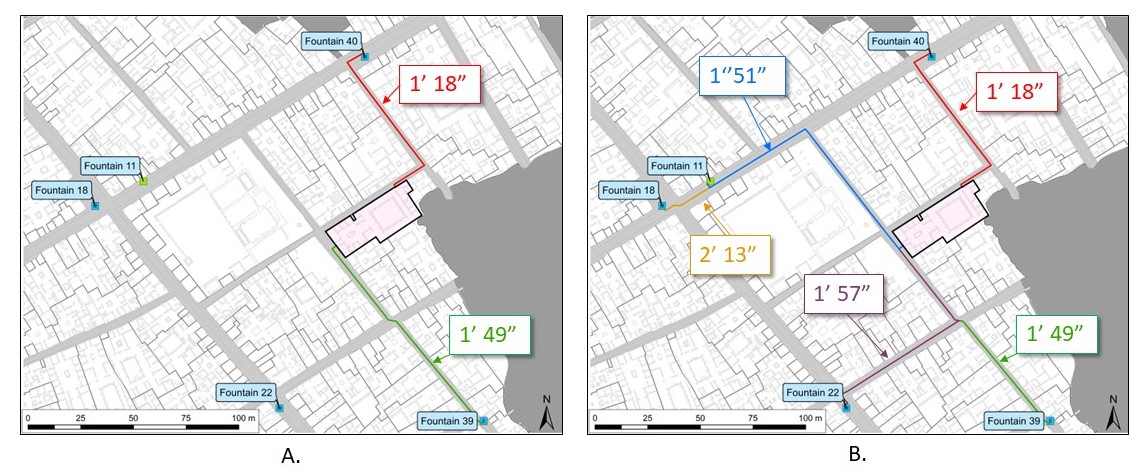
Methods

To further explore these dynamics, three undirected, one-mode networks were constructed in which units are linked to each other by a common fountain and weighted by the number of fountains they share. The networks were built and analysed in Gephi ([Bastian et al., 2009](#Bastian_et_al_2009)) and the R packages qgraph ([Epskamp, 2012](#Epskamp_et_al_2012)) and igraph ([Csárdi et al., 2023](#Csardi_et_al_2023)). First, ArcGIS’ Closest Facility analysis identified the 10 closest fountains to every external door. The door to fountain times were exported to a csv and ranked. Ranking by door and unit identified the quickest route from any unit entrance, which formed the basis of the first network. Many properties had side doors closer to different water sources – potential interconnections between communities. Ranking by unit alone was used to construct the other two networks. Based on incrementally larger time to fountain thresholds - an additional 30-seconds and one-minute of walking time beyond that to the closest fountain, respectively - these networks expand choice and also social integration. After cumulatively summing walking times to successive fountains to identify the relevant edges, each network was converted into an edge table and imported into Gephi as a bimodal network (unit to fountain), then converted to a one-mode network (unit to unit) using the multimode network transformation plugin. A node list imported key unit attributes, such as coordinates, so that the networks could be mapped spatially.

Defining the Three Networks

**Figure 1** – The three network scenarios as applied to a single unit, the taberna at VI.10.12 (outlined and highlighted pink). **A)** The closest fountain to its external door. **B)** Fountains within 30 additional seconds to its closest fountain. **C)** Fountains within one additional minute to its closest fountain.

A couple examples illustrate how the three network scenarios were formed. Taberna VI.10.12, with only one door, is closest to fountain 25, a walk of one and a half minutes (fig. 1a). By expanding the time threshold by 30 additional seconds, four other fountains are reached (fig. 1b). Extending the threshold by a full minute from the closest fountain connects one more (fig. 1c). In the social network, the assumption is that inhabitants of this shop frequented each option indiscriminately.



**Figure 2** – The three network scenarios as applied to a single unit, the house at IX.6.5 (outlined and highlighted pink). **A)** The closest fountains to its two external doors. Also serves as its 30-second network. **B)** Fountains within one additional minute of the absolute closest fountain (n.40).

In the case of unit IX.6.5, a mid-sized house with two external doors, there is no single closest fountain as the nearest in terms of walking time varied by door (fig. 2a). Expanding the threshold by 30 seconds from the absolute closest (fountain 40) does not connect any additional fountains, but an additional minute of travel time would find these inhabitants visiting five other fountains (fig. 2b).

Following this process across all 1249 inhabited units in the city creates three different social networks with varying levels of interconnection. Although the larger project subjects these networks to a variety of global and local metrics to explore their characteristics, this paper solely focuses upon graph partitioning (table 1). To obtain a sense of the location and size of the neighbourhoods formed by water collection, each network had to be partitioned into communities. With its basis in the density of the social network, this should constitute a more robust approach to Pompeii’s fountain neighbourhoods than mere spatial distance alone, while also allowing for human agency with multiple fountain options for individual units.

**Table 1** – Global metrics of the three Pompeian fountain social networks.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Threshold** | **Edges** | **Graph Density** | **Network Diameter** | **Average Path Length** | **Transitivity** |
| Closest Fountain to Door | 27,267 | 3.5% | 15 | 5.6 | 0.908 |
| 30 Second | 50,240 | 6.4% | 9 | 3.8 | 0.705 |
| One Minute | 83,411 | 10.7% | 9 | 3.25 | 0.667 |

Modularity Optimization and Stochastic Results

Many community detection methods, such as the Louvain algorithm and the newer Leiden algorithm, rely upon modularity (), which is a measure of the quality of cluster partitioning ([Newman & Girvan, 2004](#Newman_and_Girvin_2004)):

where is the total number of edges in the network, is the adjacency matrix for nodes and , and are the degree of nodes and , respectively, is a resolution parameter, and is the Kronecker delta function, which checks whether nodes and belong to the same community (a value of 1) or not (a value of 0). Modularity compares the total weight of within community edges ( summed over every node in the community) to the expected weight in a random null model with the same degree distribution, the so-called configuration model (). The configuration model rewires the network randomly while preserving each node’s degree. The denser the community in comparison to the null model, the higher its modularity score, and theoretically, the better the partition. However, modularity maximization of all but the smallest networks is NP complete if done brute force by testing every possible network configuration, making it impossible to compute absolutely. As a result, several less computationally demanding heuristic algorithms have been developed, Louvain and Leiden included, to approximate optimal partitions. Nonetheless, these suffer from limitations. Most produce stochastic results when run multiple times. They output a range of near-optimal partitions that are close to the true maximum, but often vary widely in composition. Furthermore, there is no objective way to choose between varying solutions, which renders interpretation confusing. Modularity also has a resolution limit in which smaller communities are absorbed into larger ones, making it unable to detect communities smaller than a certain threshold depending on the size of the network.

The Louvain algorithm is among the most popular community detection methods used in network science ([Blondel et al., 2008](#Blondel_et_al_2008)). It is found in many network packages such as Gephi and R and Python igraph.[[1]](#footnote-1) Importantly, Louvain utilizes an adjustable resolution parameter () that controls the number of returned communities. This was intended to help users work around the resolution limit. By multiplying the null model against , greater values lead to dense, small, and more numerous communities. Small values have the opposite effect, leading to fewer loose, large communities. The resolution parameter, however, was not always available in every package, or was hidden within user guides, leading many people to use the default value of 1.

![A graph of a graph showing the same number of numbers

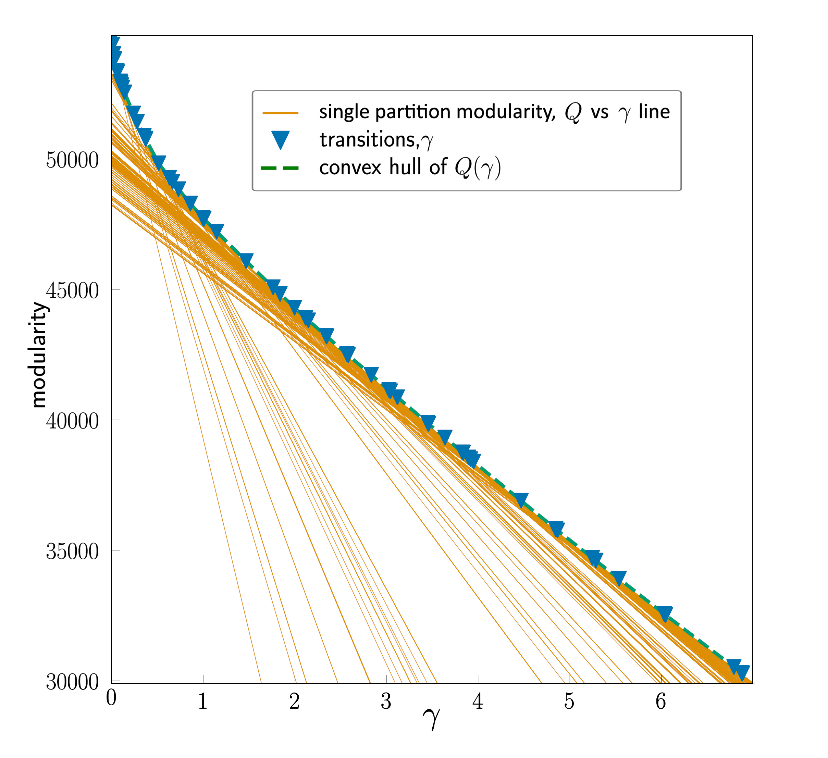
Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4TVURXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjA3OjIxIDE3OjA1OjIzAAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAMwMAAAkpIAAgAAAAMwMAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowNzoyMSAxNzowNTowNgAyMDIzOjA3OjIxIDE3OjA1OjA2AAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAI6gAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgA7AEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A9/qrf3jWUCyLBJMS6qVQE4ycZ4oAfBOZrWOZoyhcfdqXcf7jfp/jQAbj/cb9P8aTec42Nz9KAF3H+436f40bj/cb9P8AGgA3nONjfpRuP9xv0/xoANx/uN+n+NJvOcbG4+lAC7j/AHG/T/Gjcf7jfp/jQBQm13TLeZoZr23jkQ4ZHlUEfrTP+Ej0f/oI2v8A3/T/ABqHUgup0rCV2rqD+4P+Ej0f/oI2v/f9P8aP+Ej0f/oI2v8A3/T/ABo9rDuP6liP5H9zD/hI9H/6CNr/AN/0/wAaP+Ej0f8A6CNr/wB/0/xo9rDuH1LEfyP7mH/CR6P/ANBG1/7/AKf41k6x490zSniWOOS98wEk2rK4XHrg1E60Iq5th8sr1qig1bzaZUt/iIl2he28P6vMoOCY4dwH5VN/wnE//Qr65/4DGpVdtXUWdM8ojCXLKtFMP+E4n/6FfXP/AAGNH/Cczf8AQr65/wCAxp+2f8rJ/sun/wA/4h/wnE//AEK+uf8AgMaP+E4n/wChX1z/AMBjR7Z/ysP7Mp/8/wCIf8JzN/0K+uf+Axo/4Tif/oV9c/8AAY0e2f8AKw/syn/z/iH/AAnE/wD0K+uf+AxrR0bxHJq921u2jajZ7U3eZcw7FPt9acarbtysyrZfCnBzVWLt0Rq3OoWdnJFHc3McTyuEjDtgsxzgD8j+VSzTxW6B5nCKSFyfU9K2PNAsHSNl6MQRxipKACmn76/jQA6igBP4x9KWgArP1DU4NOtLm4dt5iXOxAWYn6DmlKSirs0pUpVZqMep5xN408W6hC1qmlGHzvkEscE6sue4O3irVv4Y8bNIv2jU5VTIyV1GTOP++a4U6tV3Wn4H1EoZfl0eWVpt+kjrtP8ACel28Li7t49QnZtzT3kayOeBxuIyat/8I1oX/QG0/wD8Bk/wrqVGCWqPBqZliZSbjNpdk2kvQP8AhGtC/wCgNp//AIDJ/hTU8N6EVz/Y2n/+Ayf4U/ZU/wCVE/2hi/8An7L72O/4RrQv+gNp/wD4DJ/hR/wjWhf9AbT/APwGT/Cj2VP+VB/aGL/5+y+9jV8N6EUX/iTaf0/59k/wqRPD2ixnKaTYrnri3Uf0o9lT/lQnmGLf/L2X3ssw2drZwulrbxQKeSI0Cg/lVmrSSVkc05ynLmk7sKa/3fxH86ZI6igBp+8v1p1ABTT/AK1fof6UAcd4h1KOHxhpdurwLKcI4kSMtsYggrn5sEgDjHQ1109vFcqqzJuVWDAZPUdKAEEUcMMcUagRqQAvoKk2L/dH5UAGxf7o/KmlF3r8o79qAHbF/uj8qNi/3R+VACbF3/dHT0pdi/3R+VAGL4ottUuNIKaLIYrvzAdylR8vfqDWZo3grTzp6vrdhb3WouS88skakliSeoHNYypuU7vY9Kli4UcLy09Kje/kdXFBFDEkUcaqiAKqgcACnbF/uj8q2PObbd2IqLlvlHX0pdi/3R+VAg2L/dH5UiIuz7o/KgBdi/3R+VGxf7o/KgBERdi/KOnpS7F/uj8qAEdF2H5R09KXYv8AdH5UAGxf7o/Kmui7fujqO3vQA7Yv90flRsX+6PyoAQou5flHX0pdi/3R+VABsX+6PypMASjAA4P9KAOX15/J8U6WP7R+zeaw/dfaFUynIGNrOCR9Aeprob6K5lhVbWURSBwSxPbPI6HPFACxJMlrCkzhpQRuYetT4f8AvD8qADD/AN4flTSG3r8w79qAHYf+8Pyow394flQBn6nrOn6P5b6jfw2yyZCGTjNc5deLpNYv10rw3NHLK21jeKUdUGecoWDHFY1KqXux3PRwmBc17arpBa3726aFrTfBoj1Y6xq08d5qfmB0mjRowMDA43EHpXTgNvb5h+VVThyowxeJdeSsrJKyXkOw/wDeH5UYf+8PyrQ5Rqhst8w6+lOw/wDeH5UAGH/vD8qagbb94flQA7D/AN4flRh/7w/KgBEDbF+YdPSlw/8AeH5UANcNsPzDp6U7D/3h+VABh/7w/KmuG2/eHUdvegB2H/vD8qMP/eH5UAIQ25fmHX0pcP8A3h+VABh/7w/KkwfNGTn5T2+lAHM+ITMfEmkots0kWQWfa5UHcPQ49+RXQXly9tErRwmZmcLtBI69+h6UALHKZraGVoyjPtYoeqn0qbd7N+VABu9m/KmlvnXg9+1AFI6/pChi2p2Y2ttbM6cH0PPXg/lWNqnjFQ8lro9rPfTbRtuLdFlhQk/xYbNZTqpLTVnfhsBUqT/eJxit29F9/fsLpXhZYbv7dqdxPd3bby0bSFoFyf4VbpXQQ2lrbtuhtY42PGUjANOFNRWu5OKxk6srR0jsku3n59yfd7N+VIG+duD27VocQu72b8qN3s35UAIrctwevpS7vZvyoAN3s35U1G+XofyoAdu9m/Kjd7N+VACI3yLwenpS7vZvyoAR2+RuD09KXd7N+VABu9m/Kmu3y9D1Hb3oAdu9m/Kjd7N+VACFvmXg9fSl3ezflQAbvZvypM5lXg9D1/CgDk/EoU+KtHZ2m2qRkIBtX5hgtlG69OCp966yWaKBQ0sixqSACxwMnoKAG70ljjeNlZGIIZTkGpaACsHxH4ms9Ctd7t5k7ZSONQW+fHAbaCQKic1CN2dGFw8q9VU4mD4f8B2ZSK91ANMZVEj28ixshYg9f3anjNdhYaTp+lo62FnDbhzlhEgXP1qKVKMVe2p14/MKteThze729C1/GPpTq2PMCmj77fhQA6igBq9W+tOoAKan3KAHUUANT7i/SnUANf7jfSnUAFNf7v4j+dADqKAGn7y/WnUAFNP+sX6H+lAHKajqmnHxVHYS61o8dyske23unUXEZwCBECed2R+Z69K6e4tYbtFSZSyhtwAYjn8DzQAiwxwQRwxriNSAATn+fWpdif3V/KgDn/F+uDw/ojXEaRmaRvKTc4XaSDznB6deRWTofguKSa31bVXW5u5l82VHhQfMeeqgZxXPNe0qcvRHr4ep9Uwjqpe9O6T7JHbeWn9xfyo2J/dX8q6DyBNib/ujp6UuxP7q/lQAbE/ur+VIEXe3yjt2oAXYn91fyo2J/dX8qAEVFy3yjr6UuxP7q/lQAbE/ur+VNRF2fdH5UAO2J/dX8qNif3V/KgBERdi/KOnpS7E/ur+VADXRNh+UdPSnbE/ur+VABsT+6v5U10Xb90dR296AHbE/ur+VGxP7q/lQAhRNy/KvX0pdif3V/KgA2J/dX8qTaBKMAD5T0H0oAxNXWM63Y51JLaTjEbFgX5/hwQCT0wQa1rtJ5I1Fu+xg4JOccd+1ACosq20KysplG0MRkgn8eawPEHiiCxjksrG7gl1ZmEaQAqWVj0JBYVFSXLG504Sg61VRtp19A0jwr5F6NV1GUT6oXLGWNpFTkY+5ux+ldEQ+9eV79v8A69FOHKh4vEe3qXWy0XoOw/8AeX/vn/69GH/vL/3z/wDXqzlEw+/7y9PT/wCvS4f+8v8A3z/9egAw/wDeX/vn/wCvTQH3t8y9u3/16AHYf+8v/fP/ANejD/3l/wC+f/r0AIofLfMvX0/+vS4f+8v/AHz/APXoAMP/AHl/75/+vTUD7PvL+X/16AHYf+8v/fP/ANejD/3l/wC+f/r0AIgfYvzL09P/AK9Lh/7y/wDfP/16AGuH2H5h09P/AK9Ow/8AeX8v/r0AGH/vL/3z/wDXprh9v3l6jt7/AFoAdh/7y/8AfP8A9ejD/wB5f++f/r0AIQ+5fmXr6f8A16XD/wB5f++f/r0AGH/vL/3z/wDXpOfNGSDweg+lAHJa/cl/FemwxQagTEwEjxwyiMhiOA/lMp9T869OuRiuovLoWkSyFC2WC4B55oAgmvcaSb1l2YTfhu2Kx/DOkt9n/tTUollvrpvOJOSsY/h2huV4xxWclzSSfQ7KNR0qE5R0ctPluzpdx/utTSx3r8p71ocY7cf7rUbj/dagBNx3j5T0pdx/utQAbj/dakDHe3ymgBdx/utRuP8AdagBFY5b5T1pdx/utQAbj/damox2/dNADtx/utRuP91qAERjsX5T0pdx/utQAjsdh+U9KXcf7rUAG4/3Wprsdv3T1H86AHbj/dajcf7rUAIWO5flPWl3H+61ABuP91qTOZRwR8p6/hQByviVVXxPo8rXIiG4DaYg275h3MbY/AqfeusJCqWJwAMk0AZHiKKC+0cWss8sUV1Ike+OLeTuPQggjB7kitWKNIYUijUKiKFVQMAAdBUpe82bSk/ZRj5v9B9NP31/GqMR1FADf4x9KdQAU0ffb8KAHUUANXq31p1ABTU+5QA6igBqfcX6U6gBr/cb6U6gApr/AHfxH86AHUUANP3l+tOoAKaf9Yv0P9KAOa1Hw/eX3iu21ImJrW32lFFy6MD3JG0gjpgAr75rpmAZSp6EYNAFSXT7V4baJoVZLd1aIH+EjgGrWxfQUrdSnJtJPZBsX0FNKLvXgd6ZI7YvoKNi+goATYu/oOlLsX0FABsX0FNCLvbgdqAHbF9BRsX0FADVRctwOtO2L6CgA2L6Cmoi7OgoAdsX0FGxfQUAIiLsXgdKXYvoKAGui7DwOlO2L/dFABsX0FNdF29B1H86AHbF9BRsX0FACFF3LwOtLsX0FABsX0FJtAlGB/Cf6UAPpsgcxOIyA5B2k9jQBFBHP9liW4dWnABZgOCf0/kKkxJ/fX/vn/69ABiT++v/AHz/APXpNshIO9eP9n/69AC4k/vr/wB8/wD16MSf31/75/8Ar0AG2TOd6/8AfP8A9ejEn99f++f/AK9ABiT++v8A3z/9ek2yZJ3rz/s//XoAXEn99f8Avn/69GJP76/98/8A16AECyAn515P93/69LiT++v/AHz/APXoAMSf31/75/8Ar0gWQDG9f++f/r0ALiT++v8A3z/9ejEn99f++f8A69AAFkAA3rx/s/8A16MSf31/75/+vQAhWQgjevP+z/8AXpcSf31/75/+vQAYk/vr/wB8/wD16QrIRjevX+7/APXoAXEn99f++f8A69GJP76/98//AF6AArISDvXj/Z/+vRiT++v/AHz/APXoAMSf31/75/8Ar0oVt2WYHAxwMUAMe5ginigkmRZZs+WjMAXwMnA74FS0AQXNol15O9mHlSCVduOSM9fzqegArLfQrd9376YbnaTjZwTj1X2HvQBowxLBBHCn3Y1CjPoBin0AZP8Awj9oYo42knZI1KqNwHU57Af565rWoAjmiWeCSJiQrqVJHWs4aBbCWCTzpt0JUr93+HHt7D9cYzQBq1BeWqXtq1vIzKrEElcZ4IPf6UAVE0W3TUEvfNmMqkkAlcHIA9PatKgCG7tkvLZoJCwViDlcZ4IPf6U23tFt3dld23hQd2ONowOg/nQBYqtcWSXFzBOzurwZ27cYOcdcj2oAZZafHZO7JI7lwB8wUYA+gH61coApXWmxXczSu8is0RiO3bjB69Qf8KltbOOzEvls7GV97F2zzgD+lAFiqMmlxSTXEvmyK0+NwG3jGOmR/sigCays47C1W3iZ2RehcjP6VYoAzpNHhkMh86ZfMk8xsbeuMdx6E+9XLaBbW1ht0LFIkCKW64AxQBLVFtKiadpfNkBeVZWX5cEr07f/AF6AM7VtCutQ1eHUI7pY2tfLNuhAPIbL5OMjIwOK24DOYF+0CMTfxCMkr+GaAJKKACigAooAKKACigAooAKKADtWL4cS9aze5vZ5H8yRxCjk8RB22E5/iII/ACgDaooAKKACigAooAKKACigAooAKrXd7DZKjS5+dtihRkk+lAEySpJCkoPyuARn3pd6+tABvX1o3r60AG9f7wo3r60AG9fWjevrQAb19RRvX1oAN6+tG9fWgA3r60b19RQAb19aN6+tABvX1o3r6igA3r60b19aADevrRvX+8KADevrRvX1oAN6+tG9f7woAN6+tG9fWgA3r60b19RQA6muqMhWQKVPUMODQA0gDygoAUHjHToakoAKKAGv938R/OnUAFFACN90/SgfdH0oAWigApqfdFADqKACmr95vrQA6igApv8Ay0/CgB1FABTT99fxoAdRQAVz0niSY62+nwaRdTxRzLFJcxspRCcHnnIxmonLltodGHoKtzXlZJXLWpatcWep2lnDBC4m+Z3knVMLnBwOpPIxxjrz0zdvrFL+JUeR0CnIKGrOcesIihghBJVMKDnngVJ5Y9W/76NAB5Y9W/76NHlj1b/vo0ANdBt6t1H8R9ad5Y9W/wC+jQAeWPVv++jR5Y9W/wC+jQANGNp5bp/eNAjGBy3/AH0aADyx6t/30aPLHq3/AH0aADyx6t/30aRYxtHLf99GgBfLHq3/AH0aPLHq3/fRoAPLHq3/AH0aQRjLct1/vGgBfLHq3/fRo8serf8AfRoAPLHq3/fRpuxfM6t0/vGgB2xf7zf99GjYvq3/AH0aADYvq3/fRrH8SXtxp2no9kY/tUsyQxecx27mPfnPr0qZtqLaNsPCM6sYz26nLXerePLS4aH+z7ObH8cKysp/Gkk1nx5GSP7NtWwoOVSU/h9a5HPELofQRwuUNJ+0evoOik8b65FNZTQWlpHImGkYyowB/un1rXs/AljYXcV1HqOqGRJFkIa6JVyMdR3FXCE5+9U0ObE4rD4VOjhPeT3bS/AreIvMfxhpitLEsSSLsD7gSeMrgKQeDnk/xe1dXfJdvEos5Vjfd8xIHT8Qa6jwh6+aIoBIQZeNxHTOOal+f/ZoAPn/ANmj5/8AZoAa+/b26j+dO+f/AGaAD5/9mj5/9mgBG37T06UDftHTpQAvz/7NHz/7NAB8/oKqtqNpCxjlvLVHXqrSgEfhSbS3LhTnN2gr+gn9rWH/AD/2f/f9f8aP7WsP+f8As/8Av+v+NLnh3NPqtf8Akf3Mq6j4j0/TrCW7a4inEYH7uCRXdsnHAz71gL8SLMtxpGrEk8Ytx/8AFVnOvGLtudmHyqvWi5fD66D/APhYtt1/sXWOOv8Aow/+KpP+FjWudv8AY2r5Pb7OP/iqj6zHszb+xav88fvMK98U+JtedtPtdLns4J5QsdwFkSRRngk4IHvUsXg3xV9pRZtbuRGT8xS9OQO/8FY2q1nfY9JzwOXQVPlU29bvXXsbaeB597eZ4j1vb223a5/9AqT/AIQdv+hk17/wKX/4it1h/wC8zzXm6vpRh9z/AMw/4QZv+hk17/wKX/4inQeC1gvrWeTWdVuvJkEgjuJ1ZCR7bKPYf3mS82bTSpQXon/mdT83otHzei10HkB8/wDs0jbuM46igDmvECT/APCR6TJFZCdchXfP3BuHTMTD/wAeWt2/v49PhWWVWZScYXGaAJFmWaG3mAIV8MB35FS7x6N/3yaADePRv++TRvHo3/fJoAa7jb0bqP4T607ePRv++TQAbx6N/wB8mjePRv8Avk0AIzjaeG6f3TTTPHGo3ttz6jFA0m3ZHP3+tay2ry2ej2FtcxxRI7ySysnLE8DjB6VhXml+NNRupLk3T2e7G2CC7+Qcf9czXNP2s9I6I9vDrA4a0qzvJpaWutdRkPhzxeXIm1m8VdpwVu8/N2H+r6U61+HMV4rXOsXM0l5I2Xbakme3UoKhYeUtJs6JZvRoXlhYpP0t+pZ/4Vlou3G+XOevkR//ABFPX4a6IEVTvJAOSYEyf/Har6pTMnxFi31/FkkXw50OKWJ9hby23YMCYb2Py10kem6cj5WwgUqRtIgHH6VpToQhsjhxeaYjEtc8np5sm+y2mCPs0eCckeV1P5Un2Oy8wSfZIt46N5PI/SteVHF7Wp/MyZRGgwqbQPRDRvHmdG6f3TTM73Hbx6N/3yaN49G/75NABvHo3/fJppcb14bv/CaAHbx6N/3yaN49G/75NABvHo3/AHyaRmBwOeo7GgDkfE/2YeLNEM0yrIThEYLz8w6FiPyFdbLPFAu6V1Rc4yxoAViD5ZHQt/Q0+gAooAa/3fxH86dQAUUAcR4m8evo2ptZWmnm7KL+9PzLtPp93B49DWPpksnxA8RI+q6dssLSE/uHOV3E9QcA/r2FcUqrqT9nbQ+loZfHC4X67ze9bRdm9Ed7pWgaXogkGm2cdv5uN+zPzY6VpV2RioqyPnq1adabnN3bCmp90UzMdRQAU1erfWgB1FABTf8Alp+FADqKACmn76/jQA6igApr9B9RQBzmtR3Umv2VxaTbY7cqlxtfb95hgP8AMOMHjg9eeK6Ce3juVVZASAc4zQAnlJFHDEi4RMKo9AAak2L6UAGxfSkKoBk8UAczN488Lxu0Z1E7lbBxBKRwfULzUK+MjqVzJH4f0qTVYolBkkWUQ7Sc8YfB7da53iIvSGrPXjk9eC58T7kO71/Bakd7eeK9SjjtrbRptKZpBuujNFKEXv8ALu/lST+FPE1zbyQTeLQ8UilHU2I5BGCPvUuWpU1ful+1wWEsopVXvfVW8tTc0Pw7YeH9ONraRAbsNI3PztjBOM8dK1VjTAwvat4xUVZHl16869R1JvVi7F9KNi+lUYhsX0pERdvSgBdi+lGxfSgA2L6UgRdzcd6AF2L6UbF9KADYvpTdi+Z07UAO2L6UbF9KADYvpTSi7149aAHbF9KNi+lABsX0pGVRggdxQBy2ptPF4sgMulafNCxQpctcyrIg4GWRYmQkNnBZh26V0N/DczRKttJ5bZ5bcRjj6HNAEiJIkNujvukXAZvU45qXDf3v0oAMN/e/SuD8W3Nx4k1AeG9MMuYZEa6uYgCIs5wCNyn371jWvy8q3Z6GWKKr+1n8MNX/AJfeM0v4X2doWbUrk3ucBdhkjIOep+c13cVukCBIgqgADgUUaKprzKzHMZYyd7Wj0X9WJMN/e/SjDf3v0rY80Rg20/N29KUBto+bt6UAGG/vfpRhv736UAGG/vfpSIG2/e/SgBcN/e/SjDf3v0oAMN/e/SkUNub5u/pQAuG/vfpRhv736UAGG/vfpSYbzPvdvSgBcN/e/SjDf3v0oAMN/e/SmkNvX5vXtQA7Df3v0ow3979KADDf3v0pGB4ye47UAc/rl7bW/iDTIri1tJWc/u3lOHRs/wAPBz649vpW3dTyQKhjiMhYkcAnHykjOAe4A/GgBVkZ4oJGjZWbBKHqOOlQX+sWGlqjX91FbK5wplkVc/TJpSkoq7NKVKdWahTV2+iOR1TxDP4ktXsNK03UTHJOI1vof9VgNywdGHGPeun0bRrfRIZEt/tMjStueSeXzGJx6k1jC05c56WK5sLQWFum27u2620b3+Roux2/cbqPT1p24/3G/T/GtzyQ3H+436f40bj/AHG/T/GgBGY7T8jdPb/GgMcD5G/SgBdx/uN+n+NG4/3G/T/GgA3H+436f40iMdo+Rv0oAXcf7jfp/jRuP9xv0/xoANx/uN+n+NNDHLfI3X2oAduP9xv0/wAaNx/uN+n+NABuP9xv0/xpu4+Z9xuntQA7cf7jfp/jRuP9xv0/xoANx/uN+n+NNLHevyN39KAHbj/cb9P8aNx/uN+n+NABuP8Acb9P8aRmJx8pHI9KAOP8RSvF4u0pZ9Xht43Zfs8HMbMcjdyZ1Dk+mxsDtnmuvmnjgUNK20HPOD2BJ/QGgCG4u4YrRbtnUQqvmF2OBt2k556VwS6T4g8X32m6jfXFtFpiN5qxRGRWZCeAR0J4HfvWFZSnaKPUy6pSw6lXqJtrRerTPQoLeG2iEUEaRoP4UUAVLW60PMlJyd2Nf7v4j+dOoEFFACN90/SgfdH0oAWigApqfdFADqKACmr95vrQA6igApv/AC0/CgB1FABTT99fxoAdRQAU1+g+ooA5HxHfrF4s0i2jVTM7AEssnTOeCrAH8Qcd8V1ksEU6hZY1cDkAj2x/ImgDn/GUJk0COwgfyTczx264JHBPTgHt7Vu21rDa20cEUaqkahVAA7Vml77Z1zlbDQj5t/kTbF/uj8qNi/3R+VaHINdF2/dHUdvenbF/uj8qADYv90flRsX+6PyoAayLtPyjp6UoRcD5R+VAC7F/uj8qNi/3R+VABsX+6PypqIu0fKPyoAdsX+6Pyo2L/dH5UAGxf7o/KmhFy3yjr6UAO2L/AHR+VGxf7o/KgA2L/dH5U3YvmfdHT0oAdsX+6Pyo2L/dH5UAGxf7o/KmlV3r8o79qAHbF/uj8qNi/wB0flQAbF/uj8qayqACFHUdqAKT6LYyaodSKzrdEKrPHcyIGC9AVDAEcnqO9XZUMkLoGKllIDDPHvxQBn3mlJeDTRPKztaTLIDtB3sFIyc5x1zxzWjtP940ktblym3FR7BtP940bT/eNMga6nb949R/OnbT/eNABtP940bT/eNACMp2n5j0pQpwPmNABtP940bT/eNABtP940iKdo+Y0ALtP940bT/eNABtP940gU7m+Y9aAF2n+8aNp/vGgA2n+8abtPmfePSgB20/3jRtP940AG0/3jTSp3r8x70AO2n+8aNp/vGgA2n+8aRgePmPUUAPpkxdYJGiXdIFJUepxxQBGnmvBCzqBLgFlJxg45qTMv8AcX/vv/61ABmX+4v/AH3/APWozL/cX/vv/wCtQA1vNIxsTqP4/wD61OzL/cX/AL7/APrUAGZf7i/99/8A1qMy/wBxf++//rUAITKQRsT/AL7/APrUAy4HyL/33/8AWoAXMv8AcX/vv/61GZf7i/8Aff8A9agAzL/cX/vv/wCtTVMoGNif99//AFqAHZl/uL/33/8AWozL/cX/AL7/APrUAGZf7i/99/8A1qaDKCfkTk/3/wD61ADsy/3F/wC+/wD61GZf7i/99/8A1qADMv8AcX/vv/61N/e7s7E6f3//AK1ADsy/3F/77/8ArUZl/uL/AN9//WoAMy/3F/77/wDrU0+aWB2Jx/t//WoAdmX+4v8A33/9ajMv9xf++/8A61ABmX+4v/ff/wBak/eEgFVAz/e/+tQBJRQBXnhklngdJSqoSWX+9/n+tWKACigCG5jklgKRvsbIIOcdDmpqACigBkqs0LqhAYqQCemaSBDFbxxsxZkUKWJyTgdSaAJKKACobWJ4YNkkhdtzHcfckgfhnFAE1FABUEMUkc07vNvWRgUXGNgxjFAE9FABUAhcXrTeYdhjC7M8Zz19qAJ6KACq80Er3dvKkxWOPdvTs2aALFFABUU8RmRVDlcOrEg84Bzj8elAHMazDqh8WWk1q939nQQ5jjMnlt87b8kMEHy4+8pz2wea6iCYXFvHMEkQSKG2SLtZc9iOxoAkooAKKACigAooAKKACigAooAO1ZGg3t9qEMs90qLGsjxR4XBfbIy7+vQgL+vtQBr0UAFFABRQAUUAFFABRQAUUAFFABRQAUUAFFABRQAUUAFFABRQAUyKKOGJY4kVEUYVVGAKAH0UAFFABRQAUUAFFABRQAUUAf/Z/+Ex5Gh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRvclRvb2w+V2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NDwveG1wOkNyZWF0b3JUb29sPjx4bXA6Q3JlYXRlRGF0ZT4yMDIzLTA3LTIxVDE3OjA1OjA2PC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICA8P3hwYWNrZXQgZW5kPSd3Jz8+/9sAQwADAgIDAgIDAwMDBAMDBAUIBQUEBAUKBwcGCAwKDAwLCgsLDQ4SEA0OEQ4LCxAWEBETFBUVFQwPFxgWFBgSFBUU/9sAQwEDBAQFBAUJBQUJFA0LDRQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQU/8AAEQgCcAKmAwEiAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A/VOiiigAoopr/doAdRXmPjT4nX+k/EDQdC0eC3ntWvobTV7i4VmMJnVmhjjwwAcrGztnIUGPj5wRS8F/E7X9c1zw7Lfx6cuh+JH1BLK3t4HS5tPIdjH5khkKyb41ZjhE2nA+brQB63RTf5VTbWLKORkNym5TtYZ6Edc0AXqKof21Y/8APyn60f21Y/8APyn60AX6Kof21Y/8/KfrR/bVj/z8p+tAF+iqH9tWP/Pyn60f21Y/8/KfrQBfoqh/bVj/AM/KfrR/bVj/AM/KfrQBfoqh/bVj/wA/KfrR/bVj/wA/KfrQBfoqh/bVj/z8p+tH9tWP/Pyn60AX6Kof21Y/8/KfrR/bVj/z8p+tAF+iqH9uWPT7Un60f21Y/wDPyn60AX6Kof21Y/8APyn60f21Y/8APyn60AX6Kof21Y/8/KfrR/bVj/z8p+tAF+iqH9tWP/Pyn60f21Y/8/KfrQBfoqgNbsW5Fyn60f21Y/8APyn60AX6Kof21Y/8/KfrR/bVj/z8p+tAF+iqH9tWP/Pyn60f21Y/8/KfrQBfoqh/bVj/AM/KfrR/bdiOt0n60AX6Ko/21Zf8/KfrSf21Y/8APyn60AX6Kof21Y/8/KfrR/bVj/z8p+tAF+iqH9tWP/Pyn60f21Y/8/KfrQBfoqh/bVj/AM/KfrR/bdh/z8pn8aAL9FUP7asf+flP1o/tqx/5+U/WgC/RVD+2rH/n5T9aP7asf+flP1oAv0VQ/tqx/wCflP1o/tqx/wCflP1oAv0VQ/tqx/5+U/Wj+2rH/n5T9aAL9FUP7asf+flP1o/tqx/5+U/WgC63akGMcVxvxI+K2gfDPwZqPiXVZ5HsbFVZ0tk3yOWYIqqMjksyjkgc8kDmvnlf+Cknw/5J0HxNnP8Az72//wAfrkrYuhh2o1ZpM+hy7h/Nc3purgMPKpFOzaV9T65o5r5IP/BSX4ff9ADxN/4D2/8A8fo/4eSfD7/oAeJf/Ae3/wDj9c/9pYP/AJ+o9b/UjiP/AKAp/wDgJ9b80c18kf8ADyT4ff8AQA8S/wDgPb//AB+j/h5J8Pv+gB4l/wDAe3/+P0f2lg/+fqD/AFI4j/6Ap/cfW/NHNfJH/DyT4ff9ADxL/wCA9v8A/H6P+Hknw+/6AHiX/wAB7f8A+P0f2lg/+fqD/UjiP/oCn9x9b80c18kf8PJPh9/0APEv/gPb/wDx+j/h5J8Pv+gB4l/8B7f/AOP0f2lg/wDn6g/1I4j/AOgKf3H1vzRzXyR/w8k+H3/QA8S/+A9v/wDH6P8Ah5J8Pv8AoAeJf/Ae3/8Aj9H9pYP/AJ+oP9SOI/8AoCn9x9b80c18kf8ADyT4ff8AQA8S/wDgPb//AB+j/h5J8Pv+gB4l/wDAe3/+P0f2lg/+fqD/AFI4j/6Ap/cfW/NHNfJH/DyT4ff9ADxL/wCA9v8A/H6P+Hknw+/6AHiX/wAB7f8A+P0f2lg/+fqD/UjiP/oCn9x9b80c18kf8PJPh9/0APEv/gPb/wDx+j/h5J8Pv+gB4l/8B7f/AOP0f2lg/wDn6g/1I4j/AOgKf3H1vzRzXyR/w8k+H3/QA8S/+A9v/wDH6P8Ah5J8Pv8AoAeJf/Ae3/8Aj9H9pYP/AJ+oP9SOI/8AoCn9x9b80c18kf8ADyT4ff8AQA8S/wDgPb//AB+j/h5J8Pv+gB4l/wDAe3/+P0f2lg/+fqD/AFI4j/6Ap/cfW/NHNfJH/DyT4ff9ADxL/wCA9v8A/H6P+Hknw+/6AHiX/wAB7f8A+P0f2lg/+fqD/UjiP/oCn9x9b80c18kf8PJPh9/0APEv/gPb/wDx+j/h5J8Pv+gB4l/8B7f/AOP0f2lg/wDn6g/1I4j/AOgKf3H1uaT618kH/gpJ8P8A/oAeJR/27W//AMfrtPhJ+2t4I+L/AIxt/DOn2er6bqV0jtb/AG+3jCSlF3FQUd8HaGbkAfKec4BuGPwtSShCom2cuJ4Sz3B0ZV8RhJxhHVu2x9Bj8qKSP1zn8KK9A+SJKKKKACmv93PpzTqKAOF8VfBjwb4y1qz1nUtA099Vt7uK7a+FjCZ5zGu1UldkLMuNvGf4F54pvhf4RaZ4V1q3v4dQ1G6gsmum0/Trl4jb2JuJN8vl7Y1c5PA8xn2gkLgGu8ooAap/Osvw7/q7/wD6/Zv/AEKtWsrw7/q7/wD6/Zv/AEKgDWooooAKKKKACiiigCjrP/IPb/fj/wDQ1q6Kpaz/AMg9v9+P/wBDWrooAWiiigAooooAKKKKAKUf/IZn/wCveP8A9CertUo/+QzP/wBe8f8A6E9XaACiiigAooooAKKKSgClo/8AyDLf6f1NW889KqaR/wAgy3/3f6msD4ifE/wz8KdB/tjxTqsek2BkESyOrOzuc4VUUFmPBOACeCegNTKUYpyk7JGtGjVxFSNKjFylLRJK7b8kjquGz3pOBnHpXg//AA3F8Fwf+RvP4aZd+v8A1yrG8bftmfCTXvCGtabpnj2TTdSvLKa3trxNNvN1vKyFUkGIs5ViDx6VxPHYZK/tV96PpIcLZ5Oai8FVSfX2c/8AI+kPOT++ufqKPOi/56J+Yr8iG0/VJnaQ/GrSHacmRmfUdS3Njcctm268k4PXJx60lv4b1HUv3f8AwubQSuNu2bUtQUYOSR81uOCS3A7k+teP/bTvZU//ACZH6WvDGCV541r/ALgVP8j9d2uI8f6xfzFfPP7W/wAafGvwh03QLvwdoEOswySyteXU1vLPHbbVURgiNlxuLtyT/B0r4t034O+J9Yvylp8XvDM947ZO3XbvcWYEZyYeeCRn0JFepeDf2NfjJoOv6LqEfjnT7W0F1G3n2epXTlUDEkhGjCt8u75ScHJB4JqpY7EYmPJTpNX6pp2MaXCmS5NXjiMZj41FG79nKnOKlptfdetmUG/bu+Na7CfCWkgSH5M6Vd/N9P33PSlk/bt+Nse/f4R0tdqlmzpN3kADJP8ArvSv0RgtUSMKyqxA64FSfZ4v+eaf981v9RxfXEv7l/meP/rVkH/Qlh/4HL/I/Otv27PjaoyfCOlgEhQTpV2Bk9B/rv8AOKb/AMN2fGzeE/4RLS/MwSV/sq7zgHB487sQRX6LfZ4v+eaf980fZ4v+eaf980/qGK/6CX93/BD/AFryD/oSw/8AA5f5H50t+3f8a44y7+EtKVAcFv7KvAAfT/XfX8qX/huz42LMkR8I6UJG5C/2Vdgn3H76v0V+zxf880/75o+zRf8APJP++aPqGK/6CX93/BD/AFr4f/6EsP8AwOX+R+dLft3fGxVJbwlpS4xuzpV3xk4Gf33rgfjTY/25PjVHcMw8JaX5sxA2nSrvJIHQfvvTk1+jH2eL/nmn/fNUrSCM6lfDy1x+77f7NL6hiv8AoJf3f8EP9a8g/wChLD/wOX+R+ey/t3fGx8hfCelMwUEgaVeZAI4J/fdDkUN+3f8AGtQhPhPSQJOEP9lXg3d/+e3pX6LfZ4v+eaf980fZov8Ankn/AHzT+oYr/oJf3f8ABD/Wvh//AKEsP/A5f5H51f8ADdvxtMpiHhHS/MA3bTpV5nHrjzqT/hu742cf8UlpWGIUf8Sq8GSQSB/ruuAa/Rb7PF/zzT/vmj7PF/zzT/vmj6hiv+gl/d/wQ/1ryD/oSw/8Dl/kfnU37dvxsU4PhLS1O0t82lXYO0dT/ru1A/bu+Nn7z/iktKzG21h/Zd2dp7gnzutfor9ni/55p/3zR9ni/wCeaf8AfNH1DFf9BL+7/gh/rXkH/Qlh/wCBy/yPznm/bq+NTL5MnhPS18xTwdKu8svQkfvqdH+3V8axuiTwjpZ8nCsP7Ku8r6Z/ffSv0P1C3jFhcny1/wBU38Psada28f2eL92v3B/CPSj6hiv+gl/d/wAEP9a8gt/yJYf+By/yPzvH7dvxs3Af8IlpXOcf8Sq7ycdf+W3b+tL/AMN1/G5nKDwjpYcYyv8AZV3xu4X/AJbV+in2eL/nmn/fNH2eL/nmn/fNH1DFf9BL+7/gh/rXkH/Qlh/4HL/I/NPxR+2B8VPH3h270fW/Aei6po98vlS282k3bK4zx/y24IbBBHIIBGCM1wlv4W1mSMKfgC7SkAn9xrA6jsPtHSv1maGNRkRr+WKXYn91c/SspZTOrrWq83/bqO6h4gYbL4uGXZeqSerUatRXff3XE/JGLw9rMjSA/AVSIzg7bbWBt+v7+vqv9n/9lnwB8RfAq6p4v+GEnh7UzIyfZzfX0IZR3CPLuHOetfYflp/cX8hS7QvQfhWmHymjSlefveXLH/I4M28QsfmFBUsNzUXfeNWo3+Mj5+n/AGIvg1Hd2sa+EGCSlt3/ABM7v+7n/nr7Va/4Ya+Czf8AMoNzz/yE7v8A+O17Xd/8hCx78v8A+g1ezXo/UsL/AM+o/cv8j5D/AFnz3/oOq/8AgyX+Z4N/wwz8Fv8AoUG/8Gd3/wDHaP8Ahhn4Lf8AQoN/4M7v/wCO170OaKX1LC/8+o/cv8g/1oz3/oOq/wDgyf8AmeC/8MM/Bb/oUG/8Gd3/APHaP+GGfgt/0KDf+DO7/wDjte9UUfUsL/z6j9y/yD/WjPf+g6r/AODJ/wCZ4L/wwz8Fv+hQb/wZ3f8A8do/4YZ+C3/Qnt/4M7v/AOO171SbqPqWF/59R+5f5B/rPnv/AEHVf/Bk/wDM+fbH9iH4MXHn7/CLHZKyD/iZ3fQYx/y1qz/wwz8Fv+hQb/wZ3f8A8dr2zSf+Xv8A6+H/AJ1eo+pYX/n1H7l/kH+tGe/9B1X/AMGT/wAzwX/hhn4Lf9Cg3/gzu/8A47R/wwz8Fv8AoUG/8Gd3/wDHa96oo+pYX/n1H7l/kH+tGe/9B1X/AMGT/wAzwX/hhn4Lf9Cg3/gzu/8A47R/wwz8Fv8AoUG/8Gd3/wDHa96oo+pYX/n1H7l/kH+tGe/9B1X/AMGT/wAzwX/hhn4Lf9Cg3/gzu/8A47VfUP2IPgxa2csqeEGDoMj/AImd3/8AHa+gqpawf+JZc/7ho+pYX/n1H7l/kH+s+e/9B1X/AMGT/wAzxL/hhn4LHr4QbPX/AJCl3/8AHaP+GGfgt/0KDf8Agzu//jte8ilo+pYX/n1H7l/kH+tGe/8AQdV/8GT/AMzwX/hhn4Lf9Cg3/gzu/wD47R/wwz8Fv+hQb/wZ3f8A8dr3qij6lhf+fUfuX+Qf60Z7/wBB1X/wZP8AzPBf+GGfgt/0KDf+DO7/APjtH/DDPwW/6FBv/Bnd/wDx2veqKPqWF/59R+5f5B/rRnv/AEHVf/Bk/wDM8Eb9hn4KqP8AkUG/8Gl3/wDHa3fh/wDs1/Dj4W+Lk1Pw34aistQWBttzLPNOyZODs8x22kgkZHOCR0Jr11qpf8xof9e5/wDQhVxwmHhJSjTSa8kYVuIM3xNOVKvi6kovdOcmn6pstxjPJ64op232orrPnwaua1b4keEtB0XU9Z1TxTounaRpdx9k1C/u9QhigtJwVHlSyM22N8so2sQfmHHNdJIcL/hXyLb/ALIXjfxJ8cb8+OvFGjeKvgRba1e+JtM8IXVkks099dBiY7tWh2vDE807IC787MgcbQZ9ZaXqVprOn2uoafdQ31hdRLPb3VvIJI5o2AKurA4ZSDkEZBBzVlq82/Z2+Gl78IfhPpfhjUPsKXNvcXlwbfS2Y2lss93NOsEJZEPlxrKI1+VeEHAHFekv932oAxrzxhoWm69a6Jd61p9rrV2u+206a6jS4mXkbkjLBmHyt0H8JqPRfHnhvxBrF1pWleIdL1LU7QP9osrS9jlmh2sFbeisWXDEA56E4rzb4k28moePtFTT7DW5r+31TT55LP8Asn/iWXSq+WuZLxYwytEjPhWlxuiA8p93zS/D+K90fx1HpWg3niK98LMNQub+HXdHNpDaTyTrIn2eVreJpNzyT8bpRgDleNwB7FWV4d/1d/8A9fs3/oVanesHRVvSL/ypYET7ZNxJExP3v94UAdBRVDZqP/Pe1/78t/8AF0bNR/572v8A35b/AOLoAv0VQ2aj/wA97X/vy3/xdGzUf+e9r/35b/4ugC/RVDZqP/Pe1/78t/8AF0bNR/572v8A35b/AOLoAXWf+Qe3+/H/AOhrV0Vjaol99jO+a2K74+kTD+Nf9urezUf+e9qD/wBcW/8AiqAL9FUNmo/897X/AL8t/wDF0bNR/wCe9r/35b/4ugC/RVDZqP8Az3tf+/Lf/F0bNR/572v/AH5b/wCLoAv0VQ2aj/z3tf8Avy3/AMXQY9R/572v/flv/i6AHR/8hmf/AK94/wD0J6u1jKl9/a0uJrcN5Kf8smxjc/8AtVa2aj/z3tf+/Lf/ABdAF+iqGzUf+e9r/wB+W/8Ai6Nmo/8APe1/78t/8XQBdY++KBVLy9R/5+LX/vy3/wAXTdmod57b/vy3/wAXTAvfezSevauB8QfF3wt4U1J9P1rxt4b0m/QBmtr26jhkAPTKtLmvnP4+fFj4h+NPGOh6X8GPGug6rby2zmW00nU7D7S8wyTlZXLFQnI2HjDE9Frjr4qFGN7Nvstz6LK8jxGaV40m1Si9eed4xS3+Kx9e6WwXS7f3GP1r4G/bE/aN8PeLvEGp/D/XfAt9Omh337nU4tUFpOJAuCyq0DjawPGchhtbuKW30f8AbEaNWha+EeDjFzpgHOc8bvyplt8Of2o9Y8SWN7reiWt+8UiZudTh0mfYgbOM8uAOeFPc968HFYuriqapU6U433vG6aP1jh/h3L8ixjxuKx2Hq8qbio13BprqmlfysfMn9qfD89fDPiQdwP8AhIbfj2/48qUap8Pv+hZ8S/8AhQ2x/wDbGv1xs/h7py28bTaPoYn+/Jt04ffI5I59zz71N/wr/TN7v/ZejBnGGb+zwcjoAfmrn/sOq9faL/wFHqy8U8CtPqlT/wAH1P8AM+Pvgh+xr8M/jN8N9L8UQy+KNKFzvRrea8hchlcqfm8gBhkcEAZ+or0O1/4JzfDS1YM+oa9cAfwyXcYH1+WMV9MW1ld2kKQwNaQxIMKiQEAD0ADVKI9Q/wCe9r/35b/4uvchlmFjFKVNN+h+W4rjfPatacqGKqQg27R527Lor7ux4hoP7FHw18P6gLy3s75pVYEB7tio9gPSvZhp8Gl22m2tuuyGKYBV9BtarXl6h/z3tf8Avy3/AMXVS+jvvMs901uf34xiFhztb/brupUKVH+HGx8vjs1x+ZtPGVpVGtru9jXSn1niPUc/661z/wBcW/8Ai6XZqP8Az3tf+/Lf/F1ueUX6KobNR/572v8A35b/AOLo2aj/AM97X/vy3/xdAF+iqGzUf+e9r/35b/4ujZqP/Pe1/wC/Lf8AxdAF+qNn/wAhK/8A+2f/AKDSbNR/572v/flv/i6qWqX/APaF7ia2DfJn90393/eoA2qKobNR/wCe9r/35b/4ujZqP/Pe1/78t/8AF0AX6KobNR/572v/AH5b/wCLo2aj/wA97X/vy3/xdAF+iqGzUf8Anva/9+W/+Lo2aj/z3tf+/Lf/ABdAE+of8g+5/wCuTfyNOtf+PaL/AHB/KqF6mofY5901sV8ts4hbPQ/7dOtU1D7NDie2A2LjMTZ6D/aoA06KobNR/wCe9r/35b/4ujZqP/Pe1/78t/8AF0AX6KobNR/572v/AH5b/wCLo2aj/wA97X/vy3/xdAF+kqjs1H/nva/9+W/+LoMeo/8APe1/78t/8XQAXn/IQsPq/wD6DV6sa6jvvt9lult9258Yhb+7/vVbEeo/897Uf9sW/wDiqAL9FUNmo/8APe1/78t/8XRs1H/nva/9+W/+LoAv0VQ2aj/z3tf+/Lf/ABdGzUf+e9r/AN+W/wDi6AL9FUNmo/8APe1/78t/8XRs1H/nvan/ALYt/wDF0AGk/wDL3/18P/Or9Ymmpf8A+lbZrcfv2zuibrx0+armzUf+e9r/AN+W/wDi6AL9FUNmo/8APe1/78t/8XRs1H/nva/9+W/+LoAv0VQ2aj/z3tf+/Lf/ABdGzUf+e9r/AN+W/wDi6AL9UtZ/5Bdz/uGm7NR/572v/flv/i6q6ol//Z9xvmtiu3nELf8AxdAGxS1Q2aj/AM9rUf8AbJv/AIqjZqP/AD3tf+/Lf/F0AX6KobNR/wCe9r/35b/4ujZqP/Pe1/78t/8AF0AX6KobNR/572v/AH5b/wCLo2aj/wA97X/vy3/xdAF41S/5jQ/69z/6EKTy9R/572v/AH5b/wCLqK2W4XWP37xufs5x5aFf4vcmgDUooooAa3QfWvz/APG13qXwR/aLsvEWqfBDx1428QxeKNS1qbxl4R0BNVN7pNxaTW9parOrB4zDuiQ277QBD5i53gn7L+M9vph+HepahrfiXWPCWj6OY9ZvdU0O4aGeOG1cTupKqzNGyxlXQKS6llHJFfnDeftDfs+/EfxR4q17Wf2qPjZ4JlutZuja6Xo2t34sjbb8xyQxpp+IYyDxE2WUDkk80Aff/wCy/wCE9b8F/BfRtN8QWJ0jUDcXt2NLaRZDYQT3k08FsWUlSY4pEQ7SRlTgkc16tXjX7IOrLrv7Pvhe/i1DxJq9nObprTUvFt8bzUb22+1SiC4klaKJmWSPY6bkUhGQHJGT7LQAUUUUAJWV4d/1d/8A9fs3/oVatZXh3/V3/wD1+zf+hUAa1FFFABRRRQAUUUUAUdZ/5B7f78f/AKGtXRVLWf8AkHt/vx/+hrV0UALRRRQAUUUUAFFFFAFKP/kMz/8AXvH/AOhPV2qUf/IZn/694/8A0J6u0AFFFFADWprU+oJLiMZBkUc/3hQFn0Py+/antfhjP8cPE7DV/E1tqBnYXyw2ENzB9oxhvLZ542C9iCD0ODtxjY/Y/wDhP4G+IHxctLvTvEeuS3eglNWSyu9NitvN8uRdp3pPIMbyuRgEjvX3rr/wa8A+MNUk1LV/COh6rqLkeZdXNjFLK+AANzFSTgAdfStDwh8MPCXgO4mn8O+HNL0OeZBHJJp9pHCzqDkAlQM8181HKb4n28rWvfS/+dj9rqeILjkn9l0HUU+Tlu3Brs/sc222tzd0X/kHwd/lq/VHRv8AkGwf7v8AWr1fSn4oFFFFABRRRQAVS1L/AFlj/wBfA/8AQWq7VLUv9ZY/9fA/9BagC5S0lLQAUUUUAFFFFABVGz/5CV//ANs//QavVRs/+Qlf/wDbP/0GgC9RRRQAUUUUAFFFFAFfUP8AkH3P/XJv5GnWv/HtF/uD+VN1D/kH3P8A1yb+Rp1r/wAe0X+4P5UATUUUUAFFFFABSUtJQBRvP+QhYfV//QavVRvP+QhYfV//AEGr1AC0UUUAFFFFABRRRQBQ0n/l7/6+H/nV+qGk/wDL3/18P/Or9ABRRRQAUUUUAFUtZ/5Bdz/uGrtUtZ/5Bdz/ALhoAuUtJS0AFFFFABRRRQAhql/zGh/17n/0IVdNUv8AmND/AK9z/wChCgC9RRRQBznj0+K10OP/AIQz+xv7Y+2W+/8At3zvs/2bzV+0Y8r5vM8rfs7b9ueM18j/ABN+MHxe+EvxE8SaNpXjT9l/wVpk9/LfW2neJ9Xu7LVJI5GJSe6RWRTK4wWYDBOcE4zX2y4yuBXwBqeoeA/APxE+Idl42/Zf8Y/GHUrvxLeX8Hiuw+HH9qrNbysGSEz3aRsfKO6JfL3xbEQoxzwAfYHwG8W6z46+Fui634g1jwjr2sXAmFxqHgO8e70eUrM6gwSOSxwFAYEnDhhXoDVwPwJ1TRdZ+FuiXnh7wPqHw40iRZRD4Z1XSF0q4ssSuGDWqfLHuYFxjqGDd671s9qAPO/FfxSuPDfxC0Xw0mm2V2NSeFFX+1FW/IcvumjtFRmeGMJ88jOmMNgHHMPhP4uXPiTX9Khn0SOy0XWmvU0u+W8MksptnKnzYTEoj3qruuHfgc4PFX/F3gPWPF2tWvn+ILePw5DfWmo/2f8A2aDdJLA6uqx3IkARGZFLZjZ8FwHAYYzvB3wjuvDOtaXLc62l/pOiPetpVoLMxzR/aXJPnTGRhJsUsi7UTg/Nk0AemVj6DPGi34aRFP22bqw/vVsZrF0OzgmW/Z4Y3b7bNyyA/wAVAGt9qi/57R/99Cj7VF/z2j/76FM/s+2/594f+/Yo/s+2/wCfeH/v2KAH/aov+e0f/fQo+1Rf89o/++hTP7Ptv+feH/v2KP7Ptv8An3h/79igB/2qL/ntH/30KPtUX/PaP/voUz+z7b/n3h/79ij+z7b/AJ94f+/YoAraxcRNYsPNQ/PH/EP761c+1Q/89k/76FUNWsbZbFiLeIfPH0Qf31q5/Z9sQP8AR4f++BQA/wC1Rf8APaP/AL6FH2qL/ntH/wB9Cmf2fbf8+8P/AH7FH9n23/PvD/37FAD/ALVF/wA9o/8AvoUfaov+e0f/AH0KZ/Z9t/z7w/8AfsUf2fbf8+8P/fsUAP8AtUX/AD2j/wC+hR9qh/57J/30KZ/Z9t/z7w/9+xR/Z9r/AM+8P/fsUAVo7iL+15j5qY8hP4h/eern2qL/AJ7R/wDfQqgtlbDVpQYIQvkJ1QY+81WvsdmP+WMH/fC0DHvdRY/1qf8AfQrlviL8VfC3wp0BdZ8UavHpuntMtusvlvKWkYEhVVAWJwCeB2NcH+1H8YpPgP8ADu317TPD9trFxcXqWYWU7I4NyOwdsA5GUC445Yc9q+JfiB+2Q/xY0+DSPFvw/wBI1LRI7pblbe3up7eYMFZAVlQ/e+cjJBHPQ8V42MzKlhm6V/ftpo7fOx+icN8F4/O4xxzpt4ZO0nGUVKy3spPf1Psn/huL4LkEf8Je4Pr/AGXef/Gq+OT+zpc/tCfEDxdrHgLx/o/iWzN6biWbVVurS6UTFmUSIYNp5DrleCFzhfuj6b0T9g34V6xodpeNp2tWT3UCSeTcXrLNCSoJVgOA45yOQCTivWPhH+zt4I+Csd5/wjmmutzeBVuLm6maZ3CklR83CgFj90DPfNcssLisc4rFqPKtdLn0dHPci4Yp1qvDtWt9Yl7tqkabjvrfS/3M8g/Y/wD2YfE/wH8Saxquv+JLCa3vLX7MNM06Z3idtysszlgvzLh1HB4c89q+qvtUP/PWP/voVGun23/PvD/37FL/AGfbf8+8P/fsV7eHw9PC01Sp7I/MM3zbFZ3i5Y3GNOcrbJLbTZFbSLiJdNgHmoOP7w9aufaov+e0f/fQqhpNjbPpsBNvETt7oPWrn9n23/PvD/37FdB4w/7VF/z2j/76FH2qL/ntH/30KZ/Z9t/z7w/9+xR/Z9t/z7w/9+xQA/7VF/z2j/76FH2qL/ntH/30KZ/Z9t/z7w/9+xR/Z9t/z7w/9+xQA/7VF/z2j/76FU9RuImksv3qH9+P4h/darP9n23/AD7w/wDfsVT1Cxt1kssQRDM4Bwg/utQBf+1Q9po/++hR9qi/57R/99Cmf2fa/wDPtD/3wKP7Ptv+feH/AL9igB/2qL/ntH/30KPtUX/PaP8A76FM/s+2/wCfeH/v2KP7Ptv+feH/AL9igB/2qL/ntH/30KPtUX/PaP8A76FM/s+2/wCfeH/v2KP7Ptv+feH/AL9igB/2qHvNH/30KpWlxF/aV8fNTB8vHzD+7Vr+z7X/AJ9of+/Yqna2Nu2o3wNvFgbMfIP7tAF/7VF/z2j/AO+hR9qi/wCe0f8A30KZ/Z9t/wA+8P8A37FH9n23/PvD/wB+xQA/7VF/z2j/AO+hR9qi/wCe0f8A30KZ/Z9t/wA+8P8A37FH9n23/PvD/wB+xQA/7VF/z2j/AO+hR9qi/wCe0f8A30KZ/Z9t/wA+8P8A37FH9n23/PvD/wB+xQBHqFzEbG5Hmx58pv4h6Gn2tzD9niHmpnYP4h6VDfafbLY3BFvCD5bc+WPQ061sLZreIm3iJ2jJ2D0oAsfaov8AntH/AN9Cj7VF/wA9o/8AvoUz+z7b/n3h/wC/Yo/s+2/594f+/YoAf9qi/wCe0f8A30KPtUX/AD2j/wC+hTP7Ptv+feH/AL9ij+z7b/n3h/79igB/2qL/AJ7R/wDfQo+1Q/8APaP/AL6FM/s+2/594f8Av2KP7Ptv+faH/v2KAKt1cxf2hY4ljPzP/EP7tXRdQ9po/wDvoVQurK3W/sQIIgCz5+Qf3auf2fbEf8e0X/fAoAf9qi/57R/99Cj7VF/z2j/76FM/s+2/594f+/Yo/s+2/wCfeH/v2KAH/aov+e0f/fQo+1Rf89o/++hTP7Ptv+feH/v2KP7Ptv8An3h/79igB/2qL/ntH/30KPtUP/PZP++hTP7Ptv8An3h/79ij+z7X/n2h/wC/YoAq6XcRKbv96n+vf+IetXftUX/PaP8A76FZ+m2Nu32rMERxO+PkHrV3+z7b/n3h/wC/YoAf9qi/57R/99Cj7VF/z2j/AO+hTP7Ptv8An3h/79ij+z7b/n3h/wC/YoAf9qi/57R/99Cj7VF/z2j/AO+hTP7Ptv8An3h/79ij+z7b/n3h/wC/YoAf9qi/57R/99Cqmr3MX9mXP71D8h/iFWP7Ptv+feH/AL9iqmrWNumm3JFvEDsPRBQBe+1Q/wDPZP8AvoUfaov+e0f/AH0KZ/Z9t/z7w/8AfAo/s+2/594f+/YoAf8Aaov+e0f/AH0KPtUX/PaP/voUz+z7b/n3h/79ij+z7b/n3h/79igB/wBqi/57R/8AfQo+1Rf89o/++hTP7Ptv+feH/v2KP7Ptv+feH/v2KAH/AGmH/ntH/wB9CqqSLJrQKOrj7OehB/iqf+z7b/n3h/79iq0UMcGtYjjRB9nOdoA/iFAGlRRRQA1ulfE/xO8QeJ7P4heIoLf9u/wX4Gt0vpfL8N3+h6HLPpi7ji2d5Z1dig4y6hjjmvth/u18MeNriLxp4+8W3Pgj9ibwh8UdMs9XutPuvFWqXujafNe30UhW5YxzwNI2JQ48xj82Ce9AH0f+yt44vviN8DfDuu6lq9z4gvpjdQzavci3AvXiuZYTNF5EUUZhYx7oyEBKFM5OWPrVcV8Hb7W7/wCHOiSeIfBNv8OdTSEwN4Xtb6G9i0+ONikUaSwqsZXy1QgKMLu29q7WgAooooASsrw7/q7/AP6/Zv8A0KtWsrw7/q7/AP6/Zv8A0KgDWooooAKKKKACiiigCjrP/IPb/fj/APQ1q6Kpaz/yD2/34/8A0NauigBaKKTNAC0lBpG6UAJIOBgd65TxV8TvCXga6itvEXiXSdDnmXfHHqN5FAzrnGQHYZGe4rmvj38eNI+APhez1nV7K9v0u7oWkUNkgJL7WfJJIAGFPqckcdcfEvxE8ffD/wDbC+KPhmGVPEHhTxBdLHpSXHlQ3VqQXcqrJuDglpD8447FcZI8vF46OH/dwadTon1PvOH+Fa+bL63iYzjhVe84rmtbyvdrva57P+1V8Rr/AOIVno9j8J/iPo329p1iuLLTdet7e6umJIjWOTzF6EnKbhu3LwcYrxQfBP8Aaubpc+KSO3/FVJ/8kV6jon/BNnR7fXI11HxpeXtlFtlkht7NYXkBLAKHLtjp12nI9K+17ePyo1TJ+UV58cDVxk3UxPNTfZS0PrqvFGX8N0KWDyRUsVHVuVSi1JN9L3V/u+Z+bA+CP7VrMpe48TEA/wDLTxRGw/I3Br6m/ZZ8G/FrwzbagPiVqC3cLkfZoZpUnlQ5OSXUd/r+VfQ1Lzmu3D5bDDzU+eTt3dz5fNuNMTnGFeFnhKME+sIWa+d2ImBgAYp9ItOr1z89CiiigClo3/IMt/8Ad/rV2qWjf8gy3/3f61doAKKKKACiiigAqlqX+ssf+vgf+gtV2qWpf6yx/wCvgf8AoLUAXKWkpaACiiigAooooAKo2f8AyEr/AP7Z/wDoNXqo2f8AyEr/AP7Z/wDoNAF6iiigAooooAKKKKAK+of8g+5/65N/I061/wCPaL/cH8qbqH/IPuf+uTfyNOtf+PaL/cH8qAJqKKKACiiigApKWkoAo3n/ACELD6v/AOg1eqjef8hCw+r/APoNXqAFooooAKKKKACiiigChpP/AC9/9fD/AM6v1Q0n/l7/AOvh/wCdX6ACiiigAooooAKpaz/yC7n/AHDV2qWs/wDILuf9w0AXKWkpaACiiigAooooAQ1S/wCY0P8Ar3P/AKEKumqX/MaH/Xuf/QhQBeooooAa2ccV+YfxA8d/CXTPjJ8TE+Jf7Svjv4Z+I28R3ITRPhrqE0Gm/ZlVEhkk+yW0wa52qFlaUrIHQqVwqk/p61fKV18Rv2mfiR4u8XyfC/T/AIV6Z4W0XWbjQ0g8Zyak2pNJAQryyC3wirJkSIMZKOhyQQSAetfsw6n4a1j4I+HLzwf43174i+HZFnFr4k8TTSTahdgTyBvNaSONyVYMg3IOEHXqfUnzt461yvwvHjVfBemj4iNoLeMMSfbv+EYE40//AFjbBF55Mn3Nu7d/FntiusoA8I+J9/4GvPjH4a02bUNH03xdb3Nrf3GqX92kdxb28bsYrWHewJadiVMacbGdmGTGHr/Cm30Xwz8Up9M0G88JeKTqA1K6vtU0WyRNRsSbpZViup0lkDqzSFArCM5hGA2Dt9/ooAYvt+NYWiyXgF/5McDJ9sm5klYH73+7W/WV4d/1d/8A9fs3/oVAFjzNR/542v8A3+b/AOJo8zUf+eNr/wB/m/8AiavUUAUfM1H/AJ42v/f5v/iaPM1H/nja/wDf5v8A4mr1FAFHzNR/542v/f5v/iaPM1H/AJ42v/f5v/iavUUAYuqyX32M+ZFbBd6dJWP8Y/2asmS/U58q26c5lb/4mn61/wAeDf78f/oa1n+Nby103wfrV3e37aXZ29nNLNfIDut4whLSDAPKjJ/Cpb5U2aU4upOMF1di39su+m2z/wC/5/8AiaT7VeDqloPrOf8A4mvyA1DwP4Sm1S5dfippl1A0pb7Vc6ZqCzSKTks6+S3zc8gMevUnGfTPEXgPQvjpr3g3QfCHxSj13W7bSxpa22v2V1bF/J3uDE/lMuCpb5XO4bBy2QF+ajm8pXiqab6LnWp+1V/DmhhuSdTGTVNpuUnh6iUbK+v+btY/TM3l3/dtP+/5/wDia+Sv2qPil8dvDXxAtrHwFp16mh/ZFkFzo2mjUDM5J3CQtE2wjAwo6gg5OcDxxv8AgnH8Stv/ACF/DpPHBuJ//jPb/OK9U/Zq/Yp8YfCf4pWXinW9e08WdnHKotNOaVzdB4ym2TcqBVBYN/Fyg6dRdStjMVak6MoXe6lsZ4TLeG8gc8fHMKeKlGLtTlSlaT/8Cevm0zxfWPiB+0f41W1sPEHhjV/ElktwkosdW8IxSQM4OAWzbjb1I3ZGATyK+7PAnwh8PaHbaPrEfw+8L6J4hjgSSR7K2iR7eVkw6rIsWcAlhkHkGvTFjQcbF/KpcV6OGwKw8nKU3P8Axa2Pjc74oebQhTw+Fhh4xvdU043v3S0ZjwyXx1SYiG33eTHndI2Mbnx/D9f0q75mof8APG1/7/N/8TRF/wAhif8A64R/+hPV6vTPhyj5mof88bX/AL/N/wDE0eZqP/PG1/7/ADf/ABNXqKAKPmaj/wA8bX/v83/xNHmaj/zxtf8Av83/AMTV6igCj5mo/wDPG1/7/N/8TR5mo/8APG1/7+t/8TV6igDG0mS+/s6DZDbldv8AFK3r/u1b8zUf+eNr/wB/m/8AiaXRv+QZb/7v9au0AUfM1H/nja/9/m/+Jo8zUf8Anja/9/m/+Jq9RQBR8zUf+eNr/wB/m/8AiaPM1H/nja/9/m/+Jq9RQBR8zUf+eNr/AN/m/wDiaqX8l95lnuitx+/GNsrHna3+zWzVLUv9ZY/9fA/9BagBPM1D/nja/wDf5v8A4mjzNR/542v/AH+b/wCJq7S0AUfM1H/nja/9/m/+Jo8zUf8Anja/9/m/+Jq9RQBR8zUf+eNr/wB/m/8AiaPM1H/nja/9/m/+Jq9RQBR8zUO8Nt/3+b/4mqdrJff2he4it93yZzK2Pu/7tbVUbP8A5CV//wBs/wD0GgA8zUf+eNr/AN/m/wDiaPM1H/nja/8Af5v/AImr1FAFHzNR/wCeNr/3+b/4mjzNR/542v8A3+b/AOJq9RQBR8zUf+eNr/3+b/4mjzNR/wCeNr/3+b/4mr1FAGXeyah9juMw22PLbOJW9D/s062kv/s0O2G2xsX70rZ6D/Zq1qH/ACD7n/rk38jTrX/j2i/3B/KgCv5mo/8APG1/7/N/8TR5mo/88bX/AL/N/wDE1eooAo+ZqP8Azxtf+/zf/E0eZqP/ADxtf+/zf/E1eooAo+ZqP/PG1/7/ADf/ABNHmaj/AM8bX/v63/xNXqSgDHunvv7Qst0Vvnc+P3rf3f8Adq35mo/88bXP/XVv/iaS8/5CFh9X/wDQavUAUvM1H/nja/8Af5v/AImjzNR/542v/f5v/iavUUAUfM1H/nja/wDf5v8A4mjzNR/542v/AH+b/wCJq9RQBR8zUf8Anja/9/m/+Jo8zUP+eNr/AN/W/wDiavUUAYunPff6Ttit/wDXtndK3t0+Wrnmaj/zxtf+/wA3/wATSaT/AMvf/Xw/86v0AUfM1H/nja/9/m/+Jo8zUf8Anja/9/m/+Jq9RQBR8zUf+eNr/wB/m/8AiaPM1H/nja/9/m/+Jq9RQBR8zUf+eNr/AN/m/wDiaq6pJf8A9nz74bbbt7St/wDE1sVS1n/kF3P+4aAE8zUP+eNt/wB/W/8AiaPM1H/nja/9/m/+Jq7S0AUfM1H/AJ42v/f5v/iaPM1H/nja/wDf5v8A4mr1FAFHzNR/542v/f5v/iaPM1H/AJ42v/f5v/iavUUAUfM1D/nja/8Af5v/AImobdrhtZ/fpGp+znHluT/F7gVpmqX/ADGh/wBe5/8AQhQBeooooAa3b61+Z/xT+Hvwz1L4xeP7v4r/AAC+MXxo1+fW7h7PxJ4d0bVPsKWPAgtYwJrcYhAKbkEivjeshD7R+mD/AHa+D/Esvhn4j/Enxvc/E39qHxN8Idc0jXrnS7Hwno/jK10CGDT4mBtZWhkUtO0yMJTKc58wJ/BgAH09+zBp/hnSfgj4ctPB/g7xD8P/AA9EswtfDnimGaHULPM8hYSJNJI4DMWZcuRtYY44r1SvKP2W/Her/En4H+Htf1u8/tS7uGuYo9V8gQf2lbx3MsUF55agBPOiRJcAAfPwAOK9Vb7v/wBbNADqK4Txh461bwnrulwnQIbjQby9tdOOoNqOyfzp2KgxwCNt6KdpYl1OCxCkLk53hP4u3PiTXtKgn0SOx0bWmvU0q+W8Mk0ptnKt5sPlqI96qzrh34HO08UAel1leHf9Xf8A/X7N/wChVqVl+Hf9Xf8A/X7N/wChUAa1FFFABRRRQAjU3IpWPT61znjr4g+Hvhvob6v4l1a30jTlbZ51w2NzYJCqOrNgE4AJwDxxUykopylokaU6U601TpxcpPZLVv0Rrax/x4HJx+8jHX/bWvmz9tT4/an8JdDsNGsfDlrrNlr8M9vdz6gHa28vAVodqEEsyu3UjgcbuQMn9oT9qTwf40+F+qaT4D+IltpniGRojG+yeBpFDhiiTYAjJA++TgdCVzuHzd8NNJ+OXivxZpcOn+O5p3aQOftHiuK6j2jk7olmctkZHAPUdOtfP43HqS9hQvJy6xs7ep+v8McIypNZnm/LTjTb/d1XKm5WV007d+yep6z8Hfgr8LviR8JbDxZdfC65tbq4ma3aOPV7topNjYMsZ3/cJ3DByQQQScZP0H8Of2Vfhl4G1jSvEuh+GJNP1m2jLRSS31xMYy6FWJV3Kk4Zh07nj09M8E2Oq6b4ZsLbWrmO71KOPbNLGOGP1wM8Y+tb3pxXfh8DSpqMnFX9FufJ5vxRmGLqVaUK81TbentJyXK+nvPVeqEjz1PpUlNWnV6Z8QJS0UUAUo/+QzP/ANe8f/oT1dqlH/yGZ/8Ar3j/APQnq7QAUUUUAFFFFABRRRQBS0b/AJBlv/u/1q7VLRv+QZb/AO7/AFq7QAUUUUAFFFFABVLUv9ZY/wDXwP8A0Fqu1S1L/WWP/XwP/QWoAuUtJS0AFFFFABRRRQAVRs/+Qlf/APbP/wBBq9VGz/5CV/8A9s//AEGgC9RRRQAUUUUAFFFFAFfUP+Qfc/8AXJv5GnWv/HtF/uD+VN1D/kH3P/XJv5GnWv8Ax7Rf7g/lQBNRRRQAUUUUAFJS0lAFG8/5CFh9X/8AQavVRvP+QhYfV/8A0Gr1AC0UUUAFFFFABRRRQBQ0n/l7/wCvh/51fqhpP/L3/wBfD/zq/QAUUUUAFFFFABVLWf8AkF3P+4au1S1n/kF3P+4aALlLSUtABRRRQAUUUUAIapf8xof9e5/9CFXTVL/mND/r3P8A6EKAL1FFFAHnP7QvxJv/AISfCHXvFGlWtrd6rbeRBaJfEi2SaeeOBJJiCpESNKHfDD5Vbkdan8XfBHwN8RpLW/8AGfgjwn4s1+3tVt11HV9BguioGW2oJQ7LGGZmCb+Nx5zzXS+MNN0PX9BudE8RxWd1pOrq2nzWV8V8u7EikGHB+8WGeBzXzvJ+wXoqaiDbfGH4zWPh1HVY/DEHjecaalsuALVQVMoh2/JjzNwX+LvQB61+z18Qrz4nfCnS9c1CCzt74T3dhcDTkZbWSS1upbZpIAWYiJzCXUFjhWAycZPozZ28cVjeC/B2jfD3wtpXhrw7p8WlaHpdutrZ2cOSsUajAXJJJPqSSSSSTmtugDz7XvAviTVviFp3iKDxBpkenafH5drpd7pEk/kM2RNMsi3MY81kJQMyEIpIUfM+6n4P+EV14a1rS5rnW0v9J0V71tKs1szFLF9ocsfOl8xhLsVmRcInBOdx5r02igBvpWFoum2t19vklgR3N5Nyf96t6srw7/q7/wD6/Zv/AEKgCx/Ytj/z6x/lR/Ytj/z6x/lV6igCj/Ytj/z6x/lTf7Gsv+fWP8qvt0460xuBk80Ac/4quNL8JeGdW1u5sfNt9NtJbuSOFNzsqIWIUdzgce9fnj8av2vvC3xs0KHw/qvgC9stNhvFukurDWEjuEZQy7grQMpyrng9z1GM17V+1F42+Pfh/wCIzR+Ap/L8LNBFHH9jgtZyJTnd53mgsjEnA6KQBjLbqxv2W/hV4217x9qNx8T/AADoc2ipas0N1d6NYRutz5i7ShijBYEeYSeRwpzyM/MYyvVxNVYajePe8U19/Y/b+G8swGR5c89zD2dWSSlBRrShUj3XKlrLXufON5ofwgh1K1tYrXxwVm2nfJdWqlc442+Rk9RX3T8I/wBkrwB4Nk0vxDpg1K5laJJo1vplPVQRuVVHPSvXtY8H6G0C3DaNYtPG0YSRrdCy4YYwcV0aKFUADaAMAV2YXLYUJOU0n2921j5/P+NsRmlGNHCyqQWvNzVHLm/IqLo1iettGT/u07+xbH/n1j/KrigZPrTq9s/MCj/Ytj/z6x/lR/Ytj/z6x/lV6igCj/Ytj/z6x/lR/Ylj/wA+sf5VeooAxk0mybVpV+zx4EKNjHqzf4Vb/sWx/wCfWP8AKlj/AOQzP/17x/8AoT1doAo/2LY/8+sf5Uf2LY/8+sf5VeooAo/2LY/8+sf5Uf2LY/8APrH+VXqKAKP9i2P/AD6x/lR/Ytj/AM+sf5VeooAxtJ0iyk06Bmtoy23nj3q3/Ytj/wA+sf5Uujf8gy3/AN3+tXaAKP8AYtj/AM+sf5Uf2LY/8+sf5VeooAo/2LY/8+sf5Uf2LY/8+sf5VeooAo/2LY/8+sf5VUv9Js45LMLbRjdOAeO21q2apal/rLH/AK+B/wCgtQAn9i2P/PrH+VH9i2P/AD6x/lV2loAo/wBi2P8Az6x/lR/Ytj/z6x/lV6igCj/Ytj/z6x/lR/Ytj/z6x/lV6igCj/Ytj/z6x/lVO10mzbUL1TbR7V2Y4/2a2qo2f/ISv/8Atn/6DQAf2LY/8+sf5Uf2LY/8+sf5VeooAo/2LY/8+sf5Uf2LY/8APrH+VXqKAKP9i2P/AD6x/lR/Ytj/AM+sf5VeooAyr7R7JbOdhbRgiNucexp1ro9i1tCTaxklFOcewq3qH/IPuf8Ark38jTrX/j2i/wBwfyoAr/2LY/8APrH+VH9i2P8Az6x/lV6igCj/AGLY/wDPrH+VH9i2P/PrH+VXqKAKP9i2P/PrH+VIdFsf+fWP8qv0lAGNdaTZrf2Si3jwzPnj/Zq2NFsf+fWP8qLz/kIWH1f/ANBq9QBS/sWx/wCfWP8AKj+xbH/n1j/Kr1FAFH+xbH/n1j/Kj+xbH/n1j/Kr1FAFH+xbH/n1j/Kj+xbH/n1j/Kr1FAGLpuk2cn2rdbRttnYDjp0q5/Ytj/z6x/lSaT/y9/8AXw/86v0AUf7Fsf8An1j/ACo/sWx/59Y/yq9RQBR/sWx/59Y/yo/sWx/59Y/yq9RQBR/sWx/59Y/yqpquj2cenXDLbRhghwcVs1S1n/kF3P8AuGgBP7Fsf+fWP16Uf2LY/wDPrH+VXaWgCj/Ytj/z6x/lR/Ytj/z6x/lV6igCj/Ytj/z6x/lR/Ytj/wA+sf5VeooAo/2LY/8APrH+VQ29nBaaziGNYg1uSQo/2hWmapf8xof9e5/9CFAF6iiigDzL4+fCHUfi94W0u30HxXN4I8T6LqcWr6RrsVjFfLbXCJJES9vL8sqmKaVcEjBZW/hwfk0eBvi38HtS1DRvFf7cvhXwbquo38+oQ6fqnh/STNcRyyHbMEuZUZN5B/doDGpBCsa+/W+7Xwf4qsPCfwp+InjeD4kfsxeJ/jFrOta9daxaeLdF8G2viGOeylI8iFppH3QNCi+T5WAAIw44egD7H+F+g+JvDHgfTNM8Y+LF8ceIoFf7Try6bHp4usuzKfIjJRCqFV4PO3PGcV1deTfsseEdc8C/A3w3oviGxbSL6D7S8WktMsx061e5lktrQupKsYYWii4JHyYyetert0oAdRXm/i37bZ/FzwK8eragLS8+2Qyacsu22+W3d9xVQN5JC/fLbdnybcvuw/AcGr+C/iJHpXiFZ7691wald2moJ4ivLyLyUuEdUazmVY4NqTRIGj3Y2EZG7kA9jrK8O/6u/wD+v2b/ANCrTzWFot1PD9vWOzklX7ZN8yugH3vc0Ab7UlUWvrr/AKB03/fyP/4qqmp6te2unzyw6XNLLGhYLvTnHb71F7IcYuUlFdTVmkEMZZvujk8V8qap/wAFGvhvY6hPb2+meINQijfat1BaxCOUA9VDSq2PqBmvJfHn7c3xZ8M+LtW0c+F9KsUguHjigvbC4Mvl5O1iRMobIGcqMHqMitv9mP4M+Cvj14Z1jxF4q+FkVlO18xguNMu7q0tZ1IBYRxGfja2R8uE5AHKkV89Vx08TUVDBySlre6fQ/YsHwlhslwcsy4lpylSfLyeznC+vdNr8Dz3wz8I/CH7X/wAVvFt/oPjjVtF1G6dtT/s7WNIWVxGzKGKyJcYKqWVQCFIBUfMBmvuj4BfCD/hR/wAO7Twt/bE2tmCSSU3EsflqN7FiqJlti5PTJ5LHvVL4Y/AfwT8HdSur/wAJeEH029uohDLcNdmdymQdoaSRiq5AOBjJAz0Fej/brn/oHTf9/I//AIqurBYFYe9Solzve17fifPcT8UVM35cDhKknhIcvLGahzJpW3itfm2LrGfsDf78f/oa1eFYuqXly1mwNjKg3x/MZI+PnH+1Vz7ddD/mHS/9/E/xr1z89L9FUPt91/0Dpv8Av5H/APFUfb7r/oHTf9/I/wD4qgC/RVD7fdf9A6b/AL+R/wDxVH2+6/6B03/fyP8A+KoAv0VQ+33X/QOm/wC/kf8A8VR9uuv+gdL/AN/I/wD4qgB0f/IZn/694/8A0J6u1ireXI1WU/YJC3koNokT+8/vVv7fdf8AQOm/7+R//FUAX6Kofb7r/oHTf9/I/wD4qj7fdf8AQOm/7+R//FUAX6Kofb7r/oHTf9/I/wD4qj7fdf8AQOm/7+R//FUAX6Kofb7r/oHTf9/I/wD4qj7ddH/mHS/jJH/8VQA7Rv8AkGW/+7/WrtYuk3lyunQAWMjjb1Eiev1q39vuv+gdN/38j/8AiqAL9FUPt91/0Dpv+/kf/wAVR9vuv+gdN/38j/8AiqAL9FUPt91/0Dpv+/kf/wAVR9vuv+gdN/38j/8AiqAL9UtS/wBZY/8AXwP/AEFqb9vuv+gdN/38j/8AiqqX15ctJZ5sJVxOCMvHz8rcfeoA2aWqH266H/MOl/7+J/jR9vuv+gdN/wB/I/8A4qgC/RVD7fdf9A6b/v5H/wDFUfb7r/oHTf8AfyP/AOKoAv0VQ+33X/QOm/7+R/8AxVH2+6/6B03/AH8j/wDiqAL9UbP/AJCV/wD9s/8A0Gk+3XX/AED5R/20j/8Aiqp2t5crqF4RYSEnZlRInHy/WgDboqh9vuv+gdN/38j/APiqPt91/wBA6b/v5H/8VQBfoqh9vuv+gdN/38j/APiqPt91/wBA6b/v5H/8VQBfoqh9vuv+gdN/38j/APiqPt91/wBA6b/v5H/8VQBPqH/IPuf+uTfyNOtf+PaL/cH8qoXt9ctZzg6fKB5bcmSP0P8AtU61vblbaEDT5SNi4PmJ6fWgDToqh9vuv+gdN/38j/8AiqPt91/0Dpv+/kf/AMVQBfoqh9vuv+gdN/38j/8AiqPt91/0Dpv+/kf/AMVQBfpKo/b7r/oHTf8AfyP/AOKo+3XR/wCYdN/38j/+KoALz/kIWH1f/wBBq9WNdXVwb6yJsZQcvgeYn93/AHqt/brr/oHS/wDfyP8A+KoAv0VQ+33X/QOm/wC/kf8A8VR9vuv+gdN/38j/APiqAL9FUPt91/0Dpv8Av5H/APFUfb7r/oHTf9/I/wD4qgC/RVD7fdf9A6b/AL+R/wDxVH266/6B0v8A38j/APiqADSf+Xv/AK+H/nV+sTTry5X7ViwlfM7Z/eJx096ufb7r/oHTf9/I/wD4qgC/RVD7fdf9A6b/AL+R/wDxVH2+6/6B03/fyP8A+KoAv0VQ+33X/QOm/wC/kf8A8VR9vuv+gdN/38j/APiqAL9UtZ/5Bdz/ALhpv2+6/wCgdN/38j/+Kqrql5cvp84NhKg2/e8yPj/x6gDYpazxfXX/AEDpf+/if40v2+6/6B03/fyP/wCKoAv0VQ+33X/QOm/7+R//ABVH2+6/6B03/fyP/wCKoAv0VQ+33X/QOm/7+R//ABVH2+6/6B03/fyP/wCKoAvGqX/MaH/Xuf8A0IUn266P/MOl/wC/kf8A8VUVtNJNrGZIGgP2c4DEH+L2NAGpRRRQA2ToPrXjOm/tWeArHWPEmjeOPEmg/DnW9H1a4sF03xHrMNpPc26EGG8RZfLzHMjB1K71HI3blYD2Zzhc18U2Xh3wr8QvjhHc6p8KvhPeeHta8Zav4dmju/CENxrTS2ltPK93PdtJt3SzQM3lmHPlyIxcls0AfYXhfxRo3jPRbbWfD+rWOu6PdAtb6hptylxbzAEqSkiEqwBBHB6g1qN0/GvJf2V9Ysdc+DGmTaboOi+G7SC+1GxSx8O2gtdP/cX08JlhiBIVZDH5nU5Lk5Oa9coA5vVfh74W1zWoNZ1Lw3pOoatCVMV/dWEUtwm05Ta7Lldp5GDxU+g+B/Dnhe+u7zRvD+l6Td3f/HxcWNlHDJNzn52VQW5yec8mt2igBrdqyNA4jv8A/r8m/wDQq12zxWToOTHf/wDX7N/6FQBznxK+NXgz4Pw2cvi3W4tJF4SsCGN5ZJMcsQiKzbRkZbGBkDuK+evj5+1d8P8Ax/8ADfUtG8IfEo6FrU+3y7r7FfQ/KGBZd6QllyuRkA9a80/be+I3gnxH8WrfwtrvhfVZbrRI0jfWNNv44JWWVBJ5YR4ZN6jKnOQQS2MDOel+GP7C/wAN/iZ4MsfEEOqeKrKO63fuZrm3yuCQcHyORxwa+arYnE4itPD4blaW973P2zK8hyTKcuwub5060JT1XKqcoPqtHd7dz0z9jv4X+OfB9rqmqeLPGNt4t0jVIIZNO+z6hLfRLguWdWkAC53D7mQx5PQV9MKiqMKoUewrmfht8P8ASvhd4N0vwxoiSLp2nxeWhmbc7sWLO7HH3mYljgAZPAA4rqK9zDUvY0ow/wCCflmcY+WZY2piXazelko6dNFonbcKKKK6TxijrP8AyD2/34//AENauiqWs/8AIPb/AH4//Q1q6KAFooooAKKKKACiiigClH/yGZ/+veP/ANCertUo/wDkMz/9e8f/AKE9XaACiiigAooooAKKKKAKWjf8gy3/AN3+tXapaN/yDLf/AHf61doAKKKKACiiigAqlqX+ssf+vgf+gtV2qWpf6yx/6+B/6C1AFylpKWgAooooAKKKKACqNn/yEr//ALZ/+g1eqjZ/8hK//wC2f/oNAF6iiigAooooAKKKKAK+of8AIPuf+uTfyNOtf+PaL/cH8qbqH/IPuf8Ark38jTrX/j2i/wBwfyoAmooooAKKKKACkpaSgCjef8hCw+r/APoNXqo3n/IQsPq//oNXqAFooooAKKKKACiiigChpP8Ay9/9fD/zq/VDSf8Al7/6+H/nV+gAooooAKKKKACqWs/8gu5/3DV2qWs/8gu5/wBw0AXKWkpaACiiigAooooAQ1S/5jQ/69z/AOhCrpql/wAxof8AXuf/AEIUAXqKKKAEbpX56/tDfDvw/wDtBfFrX9a0D9kl/i6uk3L6Jf8Aiw+NU8N/abu3O2VFhEimcR5EfnMMkoUHCCvtL4x+E/GnjTwcdO8B+Ox8OtdNxHJ/bR0eHVMRDO6PyZWC/NkfN2x718b3Xgjxv8Fde13SdS/b08KeEtX1C8OqX+m6t4Y0WCUTSomZBBNc/ug4VWwgUMWZsFmYkA+wfgP4o8NeMPhVoF/4R0aTw5oKRyWcOiy2yWz6e0ErwSWzRoSqtHJG6EKSMqcE9a75u3bmvMP2Z9F0rw78F/D2n6L4o0XxtYxCb/iotBybbUJTPI0sxJnn3SNIXMjea2ZC5wudo9Pf7v8Aj0oA5nUvHVlpvjXSfDMlnfvd6kkjR3S2+22TYhfaZGI3MQr8R7yuPm27l3Zfhr4uaZ4m8QQadBp+oW9veNdLp+pXCxfZr428myXyisjOMHkF1XcASuRUHjDQPFOqfETwrqmm2GjyaRo8sryyXWoyxXD+bGY32xrbsvyg7hl/mxj5etYvgf4Y+IND1nw7FqUmnto/htr97O4tppHuLvz3by/MjMarFsjdgQHfcSCNvSgD1r+deWfFW88V6f8ACjxZceCZ7e28Sx3EjWkly0aop81dxzL8gOzdjdxnGa9TboP6V8e/tm+P/Ben+C7jwb4gvtXt9S1a7e7iOlJ53lIk3DSRvNGhVsMAM9QT1XNcmLqRp0JSk7ad7fie/kGDnjszoUYQ5veTa5ebRPW8Vq13RV+Afhz44eJvi3aar8UtDsb7RrS1mUX2p2dj50DFcKIHiG8EkYP8O0tnnbX2Rbwx26LHGixoowFUAAD6V5t8A/BuleHfhD4Us9M1q+17TfsKS2+oTSSwtNG+XB8vI2ABsBDyoAB5FegDSYMffuf/AAKl/wDiqjB0fZUruTbet27/AInTxFmX9pY+co0404x91KEXCOml+Vt2b6l4U6qA0m3/AL9z/wCBUv8A8VS/2Rb/AN+5/wDAqX/4qu4+XL1FUf7It/79z/4FS/8AxVH9kW/9+5/8Cpf/AIqgA1n/AJB7f78f/oa1dFY+q6XBHZlg1x9+Mc3Mh/jHq1Wv7It/71z6f8fUv/xVAF+iqP8AZFv/AH7n/wACpf8A4qj+yLf+/c/+BUv/AMVQBeoqj/ZFv/fuf/AqX/4qj+yLf+/c/wDgVL/8VQBeoqj/AGRb/wB+5/8AAqX/AOKpDo9v/fuf/AqX/wCKoAdH/wAhmf8A694//Qnq7WMmlwNq0y7rjAhRv+PmTuzf7XtVv+yLf+/c/wDgVL/8VQBeoqj/AGRb/wB+5/8AAqX/AOKo/si3/v3P/gVL/wDFUAXqKo/2Rb/37n/wKl/+Ko/si3/v3P8A4FS//FUAXqKo/wBkW/8Afuf/AAKl/wDiqP7It+Pmuf8AwKl/+KoAXRv+QZb/AO7/AFq7WNpOlwSafAxa4+7/AA3Mo7/71W/7It/79z/4FS//ABVAF6iqP9kW/wDfuf8AwKl/+Ko/si3/AL9z/wCBUv8A8VQBeoqj/ZFv/fuf/AqX/wCKo/si3/v3P/gVL/8AFUAXqpal/rLH/r4H/oLUn9kW/wDfuf8AwKl/+KqpqGlwLJZ4a4+acD5rmQ/wt6tQBsUtUBpNv/fuv/AqX/4ql/si3/v3P/gVL/8AFUAXqKo/2Rb/AN+5/wDAqX/4qj+yLf8Av3P/AIFS/wDxVAF6iqP9kW/9+5/8Cpf/AIqj+yLf+/c/+BUv/wAVQBeqjZ/8hK//AO2f/oNH9k2/9+5/8Cpf/iqp2ulwNqF6pa4wNmMXMn93/eoA2qKo/wBkW/8Afuf/AAKl/wDiqP7It/79z/4FS/8AxVAF6iqP9kW/9+5/8Cpf/iqP7It/79z/AOBUv/xVAF6iqP8AZFv/AH7n/wACpf8A4qj+yLf+/c/+BUv/AMVQBNqH/IPuf+uTfyNOtf8Aj2i/3B/KqF9pMC2c7BrnIjbrcynse26nWulQNbxEtcZKL0upcdB/tUAadFUf7It/79z/AOBUv/xVH9kW/wDfuf8AwKl/+KoAvUVR/si3/v3P/gVL/wDFUf2Rb/37n/wKl/8AiqAL1JVL+yLf+/c/+BUv/wAVQdHt/wC/c/8AgVL/APFUAJef8hCw+r/+g1erGutLhF/ZAPPhmfrcyn+H/eq2NIt/79z/AOBUv/xVAF+iqP8AZFv/AH7n/wACpf8A4qj+yLf+/c/+BUv/AMVQBeoqj/ZFv/fuf/AqX/4qj+yLf+/c/wDgVL/8VQBeoqj/AGRb/wB+5/8AAqX/AOKpDpFv/fuv/AqX/wCKoANJ/wCXv/r4f+dX6xNN0uCT7TlrjiZgNtxKPT/a5q7/AGRb/wB+5/8AAqX/AOKoAvUVR/si3/v3P/gVL/8AFUf2Rb/37n/wKl/+KoAvUVR/si3/AL9z/wCBUv8A8VR/ZFv/AH7n/wACpf8A4qgC9VLWf+QXc/7hpP7It/79z/4FS/8AxVVdU0uBNPnYNccL3uZT/wCzUAa9LVAaTB/euf8AwKl/+Kpf7It/79z/AOBUv/xVAF6iqP8AZFv/AH7n/wACpf8A4qj+yLf+/c/+BUv/AMVQBeoqj/ZFv/fuf/AqX/4qj+yLf+/c/wDgVL/8VQBdNUv+Y0P+vc/+hCkOkW/9+5/8Cpf/AIqora1S11jCGQhrcn95Iz/xDuxNAGpRRRQA1hmvzx/sO71D4hfE2Twv+yfoXx803/hLNQEnjHxNeaXYXRuN48+1UXccjyxQyb40kG1cKF25Us36HPnbkdq/N340ePP2ctO+L3jNNZ/ak+LXgLxCdTmXVNF8KSXOnWkVwh8sgJb6dtkIVFTzWZ3cKuXbg0AfcvwJgvLX4W6HFffDyy+FN0iyh/COm3FvPb2H718BHtwIiGGJPlA+/wA85rv683/Z2h0uH4O+HBonibxV4x0iSKSW11zxos41O7jeRmV5fOhicrg4RigygQgkYJ9IoAKKKKAGSdBxmvgX4ma14j+KX7RVr4G8T/C621jw7b64UhuvJu1uEs5Jtr3HnxyKuzA3EY2grtPIyPvmZxHGWboOTXl/wn+Nvgb4k63rej+HNeg1PVLOeWeWFInQiMyFd6llAdc/xKSORzgiuDF041lGnKVtdtNfLU+syDG1ctdfGUsO6nLG3MnJezb0Urx2+e56No+l2uiaba6dYW8drZWkSwQ28ShUjRQAqqBwAAAMe1XqYo70+u5JLRHykpOTcm7thRRRTEFFFFAFHWf+Qe3+/H/6GtXRVLWf+Qe3+/H/AOhrV0UALRRRQAUUUUAFFFFAFKP/AJDM/wD17x/+hPV2qUf/ACGZ/wDr3j/9CertABRRRQAUUUUAFFFFAFLRv+QZb/7v9au1S0b/AJBlv/u/1q7QAUUUUAFFFFABVLUv9ZY/9fA/9BartUtS/wBZY/8AXwP/AEFqALlLSUtABRRRQAUUUUAFUbP/AJCV/wD9s/8A0Gr1UbP/AJCV/wD9s/8A0GgC9RRRQAUUUUAFFFFAFfUP+Qfc/wDXJv5GnWv/AB7Rf7g/lTdQ/wCQfc/9cm/kada/8e0X+4P5UATUUUUAFFFFABSUtJQBRvP+QhYfV/8A0Gr1Ubz/AJCFh9X/APQavUALRRRQAUUUUAFFFFAFDSf+Xv8A6+H/AJ1fqhpP/L3/ANfD/wA6v0AFFFFABRRRQAVS1n/kF3P+4au1S1n/AJBdz/uGgC5S0lLQAUUUUAFFFFACGqX/ADGh/wBe5/8AQhV01S/5jQ/69z/6EKAL1FFFAGT4q8VaL4J0K51rxDrFhoGj2u0z6hqlylvbxbmCrvkchVyzKBk8kgd6+LfGX7V/xNPi3WP+ES+MP7Ko8M/aZP7NGs+Kro3v2fcfL84xShPM243bRjPfvX0t+094/wDCPwv+BPizxN460BPFPhaxgjN3o8lrFcrd7pUSNDHL8hHmMn3umM9q/Mm0+JX7LHxmuILz4kat8P8A4aeG/MWZPBnw98DXK3soBhkCXurmwWThlmjZLRYgVYfvTQB+ln7Kei22gfArw3aWvinR/Gasbq4k1bw9MsumtLLcyyyQ2rKzDyYndolGeFjAIBBA9crzL9m28+G198FvDUnwhW3X4eLFJFpf2WGaJdqysshImAkLeYH3M/zM2SSSc16bQA1un41454Dt9Y8E/ERNJ8RLcX17rY1K6s9QXxFeXkXkpcI6o1nKqxQbUmiQNEG+4RkbufY2+7WHoHgfw54Xvrq80bw/pekXd3k3FxY2UcLzZOTvZVBbkk8nrQBc16+/s3Rr67FvNdmCF5fs8ABkkwCdqgnknGB9a+SP2Gf+EP13VPF/ijQvAd54b1COY2fmreSXMHkuQ5hj3YAKmNSw5PzDBAO0fY7gMvIzWR4dGI77gD/TJv8A0KuWpR9pVhUb+Hpb9eh7mEzNYTA4jBqLvV5dVJpJJ3s4rSV/PYtjUj/z6XP/AHwP8aX+0j/z6XX/AHwP8atr1p1dJ4ZS/tI/8+l1/wB8D/Gj+0j/AM+l1/3wP8au0UwKX9pH/n0uv++B/jR/aR/59Lr/AL4H+NXaKAMbVtQLWRH2a5X54+Sg/vj3q2NRP/Ppc/8AfA/xo1n/AJB7f78f/oa1dFAFP+0j/wA+l1/3wP8AGj+0j/z6XX/fA/xq7RQBS/tI/wDPpdf98D/Gj+0j/wA+l1/3wP8AGrtFAFL+0j/z6XX/AHwP8aQ6kf8An0uv++B/jV6igDHXUD/a0rfZrg/uE4Cc/ef3q3/aR/59Lr/vgf40R/8AIZn/AOveP/0J6u0AUv7SP/Ppdf8AfA/xo/tI/wDPpdf98D/GrtFAFL+0j/z6XX/fA/xo/tI/8+l1/wB8D/GrtFAFL+0j/wA+l1/3wP8AGj+0j/z6XQ/4AP8AGrtFAGNpOoFdOgH2W4b5eqoPX61c/tI/8+l1/wB8D/GjRv8AkGW/+7/WrtAFL+0j/wA+l1/3wP8AGj+0j/z6XX/fA/xq7RQBS/tI/wDPpdf98D/Gj+0j/wA+l1/3wP8AGrtFAFL+0j/z6XX/AHwP8ap6hflpLP8A0W4XE4PzIP7re9bNUtS/1lj/ANfA/wDQWoAQakf+fS6/74H+NL/aR/59Lr/vgf41cpaAKX9pH/n0uv8Avgf40f2kf+fS6/74H+NXaKAKX9pH/n0uv++B/jR/aR/59Lr/AL4H+NXaKAKX9pH/AJ9Lr/vgf41StdQI1C8P2a4Odny7Bx8v1raqjZ/8hK//AO2f/oNAC/2kf+fS6/74H+NH9pH/AJ9Lr/vgf41dooApf2kf+fS6/wC+B/jR/aR/59Lr/vgf41dooApf2kf+fS6/74H+NH9pH/n0uv8Avgf41dooAy77UC1nOPstyMxtyyDHQ+9OtdQIt4h9kuThF5CDHQe9WtQ/5B9z/wBcm/kada/8e0X+4P5UAQf2kf8An0uv++B/jR/aR/59Lr/vgf41dooApf2kf+fS6/74H+NH9pH/AJ9Lr/vgf41dooApf2kf+fS6/wC+B/jSf2kR/wAud1/3wP8AGr1JQBj3V+Wv7E/ZbgYZ/wCAf3frVsakf+fS6/74H+NJef8AIQsPq/8A6DV6gCn/AGkf+fS6/wC+B/jR/aR/59Lr/vgf41dooApf2kf+fS6/74H+NH9pH/n0uv8Avgf41dooApf2kf8An0uv++B/jSf2kf8An0uv++B/jV6igDF02/K/af8ARbg5nY/KnTp15q7/AGkf+fS6/wC+B/jTdJ/5e/8Ar4f+dX6AKX9pH/n0uv8Avgf40f2kf+fS6/74H+NXaKAKX9pH/n0uv++B/jR/aR/59Lr/AL4H+NXaKAKX9pH/AJ9Lr/vgf41U1bUC2nXA+y3I+Q9UH+NbFUtZ/wCQXc/7hoAP7SP/AD6XP/fA/wAaP7SP/Ppdf98D/GrlLQBS/tI/8+l1/wB8D/Gj+0j/AM+l1/3wP8au0UAUv7SP/Ppdf98D/Gj+0j/z6XX/AHwP8au0UAUv7SP/AD6XQ/7Zj/GoLe4NxrOfKki/0c8SDH8X1rTNUv8AmND/AK9z/wChCgC9RRRQAUUUUAFFFFABRTX6Vy2i/Evw7r+vyaPY30kt8pmC7rWaOKYwuEmEUzII5ijkKwRjtPWgDqqyvD3+rv8A/r9m/wDQq01rM8O/6u//AOv2b/0KgDWooooAKKKKACiiigCjrP8AyD2/34//AENauiqWs/8AIPb/AH4//Q1q6KAFooooAKKKKACiiigClH/yGZ/+veP/ANCertUo/wDkMz/9e8f/AKE9XaACiiigAooooAKKKKAKWjf8gy3/AN3+tXapaN/yDLf/AHf61doAKKKKACiiigAqlqX+ssf+vgf+gtV2qWpf6yx/6+B/6C1AFylpKWgAooooAKKKKACqNn/yEr//ALZ/+g1eqjZ/8hK//wC2f/oNAF6iiigAooooAKKKKAK+of8AIPuf+uTfyNOtf+PaL/cH8qbqH/IPuf8Ark38jTrX/j2i/wBwfyoAmooooAKKKKACkpaSgCjef8hCw+r/APoNXqo3n/IQsPq//oNXqAFooooAKKKKACiiigChpP8Ay9/9fD/zq/VDSf8Al7/6+H/nV+gAooooAKKKKACqWs/8gu5/3DV2qWs/8gu5/wBw0AXKWkpaACiiigAooooAQ1S/5jQ/69z/AOhCrpql/wAxof8AXuf/AEIUAXqKKKACiiigAooooAa3SvFPh34K8SWGseErHUdGbT7TwxJqTPqTTwtFe+c7CHylVy4yjbm8xUwwAG7rXttFADMdPWsr+wXSaZoNUvbVZJGkMUflFQTycbkJ6+/etO6uIrS3lnnlSCCJS8ksjBVRQMkknoAK57wX8QtC8eLcto1zPM1usbyJdWc9rJskBaNwsqKSjAEqwG04ODxQBf8A7Fuv+g5qH/fMH/xqj+xbr/oOah/3zB/8arXooAyP7Fuv+g5qH/fMH/xqj+xbr/oOah/3zB/8arXooAyP7Fuv+g5qH/fMH/xqj+xbr/oOah/3zB/8arVb7tc/4s8caP4Jhtn1aeZDcyFIIbW0muppCql22xQozkKqkk4wAOaALE3h+eeMpJreoFcg/dg7HP8Azy9qf/Yt1/0HNQ/75g/+NVVvvG+i6f4Th8SzXwOiTRQzRXUMby+cspURbFVSzly6BVUEksABk1i3nxm8K2eiRas99eNaMZw6RaXdyTw+QwE5mhWIyRBCRuLqoG5cn5hQB0n9i3X/AEHNQ/75g/8AjVH9i3X/AEHNQ/75g/8AjVaNrcRXdvHPBKk8Eih0kiYMjKRkEEdRipqAMj+xbr/oOah/3zB/8ao/sW6/6Dmof98wf/Gq16KAMj+xbr/oOah/3zB/8ao/sW6/6Dmof98wf/Gq1XzgY9ea5ZfiZ4dbxV/wjovpP7T8/wCyZNpN9nM/leb5P2jZ5Xm+X83lh92OcUAaK6Bcec0v9t6h5jKFJ2wdASR/yy9zT/7Fuv8AoOah/wB8wf8AxqsrxD8S/DvhTWoNJ1O+khvZVikO20mljhSWQxRtNKiFIVZwVDSFQSp9DV+Pxno7eMT4VF9u14WR1E2nlscQB1QsX27Qcuny53cg4xzQBN/Yt1/0HNQ/75g/+NUf2Ldf9BzUP++YP/jVa9FAGR/Yt1/0HNQ/75g/+NUf2Ldf9BzUP++YP/jVa9FAGR/Yt1/0HNQ/75g/+NUf2Ldf9BzUP++YP/jVWNc1qx8OaPeapqdwlpp9nE0088n3URRkn347Dk1Q8L+MtL8Y291JpktwTaSiC4hvLOa0nhcqrgPFKiOuVZWBK4IYEUASQ+H57eNY01vUAg6fLB6/9cqf/Yt1/wBBzUP++YP/AI1XOaX8ZvB+sabqF9BrPlWdhai9mnu7aa2RrclgJojIi+dGSpAePcpOMHkV0nhvxDa+JrFryziv4Yg5jK6hp9xZSZGD/q50R8cjnGD2PBoAT+xbr/oOah/3zB/8ao/sW6/6Dmof98wf/Gq16KAMj+xbr/oOah/3zB/8ao/sW6/6Dmof98wf/Gq16a3SgDK/sW6/6Dmof98wf/GqZJ4fnmKF9b1A7G3D5YOuMf8APL3rO8XfEjw/4Gmji1i8mgeSGS5K29pPcGOGMrvmk8pG8uNdwzI+FGeTVrxN4y0rwlp9td6jcTCK6mFtbJZ2kt1LPIVZgkcUSM7narNwOik8AZoAtf2Ldf8AQc1D/vmD/wCNUf2Ldf8AQc1D/vmD/wCNVzWpfGzwbpdnYXM2qySW19arfJNa2VxOkduWC+bK0cZEKbiRmTbyrDqpx3K9fagDL/sW6/6Dmof98wf/ABqj+xbr/oOah/3zB/8AGq16KAMj+xbr/oOah/3zB/8AGqP7Fuv+g5qH/fMH/wAarXpDzwelAGT/AGLdf9BzUP8AvmD/AONUxPD88cski63qAeTG75YO3/bKqHi/4jaD4FeFNYu5oXlhkudlvaTXLJDGV8yVxEjFI13rmRsKu4ZIyKteJ/GujeDPD8muaxqMdppaKG+0cvvyMgIqglyRk4UHgZoAsf2Ldf8AQc1D/vmD/wCNUf2Ldf8AQc1D/vmD/wCNVoWd1FfW8NxA2+GVA6NgjKkAg4PI4PSp6AMj+xbr/oOah/3zB/8AGqP7Fuv+g5qH/fMH/wAarXooAyP7Fuv+g5qH/fMH/wAao/sW6/6Dmof98wf/ABqtesrxN4l07wnpL6jqk7QWqukQ8uJ5XeR2CIiIgLOzMyqFUEkkYFAEcmg3E0bI2t6gVYFSNsHcY/55UqaHcoqqut6gFUYA2wduP+eVRaH4w0jxFoUms2d6F06LzRNLdRvbtAY2ZZBKkgVoypVshgCMc4rLt/it4ZuvDMev219Pd6ZLctZxNa2NxNNLMrsrIkKoZHIKv91TwpboM0AbX9i3X/Qc1D/vmD/41R/Yt1/0HNQ/75g/+NVJ4c8Qaf4q0Wz1bSrlbvTruMSQzKCuVPYqQCrA5BUgEEEEAgitOgDI/sW6/wCg5qH/AHzB/wDGqP7Fuv8AoOah/wB8wf8AxqteigDI/sW6/wCg5qH/AHzB/wDGqX+xbr/oOah/3zB/8arUauV134leHfDetR6RqF9JDeMIS/l2s0sMAmcxxGaVUMcIdlKr5hXJBxQBpP4fnkkjdta1AvH907YP/jVP/sW6/wCg5qH/AHzB/wDGqreKPHGh+CxYf2zqC2bX9wlrbR7GkeSR2VVAVQTjcygtjA3DJGRRrXjfRvDus6LpWo3n2fUdakeKwh8t3MzIAW5UEKACOWIHI5oAs/2Ldf8AQc1D/vmD/wCNUf2Ldf8AQc1D/vmD/wCNVqLndzT6AMj+xbr/AKDmof8AfMH/AMao/sW6/wCg5qH/AHzB/wDGq16KAMj+xbr/AKDmof8AfMH/AMao/sW6/wCg5qH/AHzB/wDGq1JpFijZ2O1VBJYnAGB1z2rmPCPxI8PeOZJY9GvJZ5I4I7oLcWk9v5sMmRHNH5qL5kbFTh0ypxwaANCLw/PDv2a1qA3sXPywdT1/5ZU/+xbr/oOah/3zB/8AGqp6f480HVNd1jR7TU457/SUWS9jUNsgViw5fG3IKMCA2V2nIFO8I+NtJ8bQy3OkNeTWqqjrcz6fcW8MyNkq8LyoqyqQM7oywwVOcEUAWv7Fuv8AoOah/wB8wf8Axqj+xbr/AKDmof8AfMH/AMarXooAyP7Fuv8AoOah/wB8wf8Axqj+xbr/AKDmof8AfMH/AMarXpDQBk/2Ldf9BzUP++YP/jVMm0CeeJo5Nb1Ao3BG2D/41TPFHjDS/B9vayalLPuupvIt4LS0mu55n2s+EiiRnbCozHA4Ck9qSPxjocnhWPxINSg/sKS3W6W9ZiEMbAYPPOTkDHXJxjPFAE40W6xxrmoY/wB2D/41R/Yt1/0HNQ/75g/+NVhXPxZ8MWvh/SNZN7cz2WrqWsVtNPuZ7iZQpdmECRmQKACSSuFyMkZGem0XVbTXdKs9SsJ1urG8hS5t50BxJG6hlYZ5wQQfxoArf2Ldf9BzUP8AvmD/AONUf2Ldf9BzUP8AvmD/AONVr0UAZH9i3X/Qc1D/AL5g/wDjVH9i3X/Qc1D/AL5g/wDjVa9FAGQdGuh/zG9QPf7sH/xqp9P0t7O4eaW9uLyQoEBn2DaM5wNir+tVfFXi7S/BthDd6pNNHHPOttDHbW0tzNNKwJCJFErO5wrHCqcAE9ATVdfHOiN4Rj8TpfeboskSzJcRxOzMCQAojC7y5Y7dm3duO3GeKAOiorF8K+KtM8Yaa19pU8k0CSvbyLPDJBNDIhw0ckUiq6MPRlBwQehBooA2qKKKACiiigAooooAwPH/AIfm8WeBfEWh20iQ3Gp6dc2UckmdqtJEyAnAJwC3YVyPwz0vXbzxRdeINa0GXwzt0Wy0lLGa4gmeR4mlkkkBhd1EeZQqZbccMSq8Z9NooAKKKKACiiigBG/KvPPiJp2s2/i7wp4k0jRZvEKaat5b3FjazQxz4mRCsiGZ0TAaIKRuzh8gcV6JRQB4nN4J8Q6T8MPCOh2+jvqOpeH5tP1SVYp4VhndJy01tEzyA70GSC4VD8o3AkhaeoaR40h8O6pZQeFtRMHizV7u51NLG7sxd6bZtHHGIxvnWPzpQn3kZgm5jywAPvFFAFDQoVg0exjjsn02NIEVbKQqWtwFAEZKsy5UcHaSOOCetX6KKACiiigBr/drxS38E+JF8UDS30Zk06Pxe/iIa2LiLyGt2RmEYQP5vm722EFNm0Ft/Y+20UAeD+MvCvinxBf+Ko7XwxcpbeLrDT4ftE1zaq2mPEzrIJwJSW2qwZTF5nOR71q+Hfhr4w8O/Fmx1m41jTtU0yWHVZL26/s14p988tmY4mJuiCdluiI6ptVLfaykuCPY6KAGLnNPoooAKKKKAON+L/h3UPFXw51jTdKijuNRdY5reCVgqyvHIsojyeBu2bcnjnmuc0fRdb1C48Z6hd6BeaYPE8kVnDazS27y2kS2hjNxPslK4L5GI2dsbCQPm2+q0UAfNl38M/F/izwnFBeeHZtIudH8O2elLanUIlbUJobqCaTyJIZMorLbBVZ2jYGX+DBavV/hHpOsaTp2sf2pFqdna3GoNNp1hrOoG/u7W38qJNrzebJnMiSOFDttDgZ7DvKKACiiigAprcrTqKAPIvid4c8QyeKdS1DR9BfXYdW8NT6IBHcQxfZpy5ZHl811PlNvO4puYbB8pyKfr2h6/pd34IubDQLzXB4Vl+zTJHNbRyXkcln5Zmg3zKvyuQpWQoT8xXIwW9aooA+Wdf8AhD4yk03S4o9Fvp7qPSpTCNLv7WO2jvZr2S4MGoLK4+0WqAxrsUSDDT4XLK1fUMKsFXeQz7fmIGAT7DJwPxNS0UAFFFFABTW+70zTqKAPJviV4f8AEI8WXWq6RoUmvw3/AIdudGKxTQxNbztIrI8nmyIDEQW3FNzDYMKc1a8S6brVj8IdT8K2Ph/UNYvk0caRDLbzWyJO72xQyqZJlwit97cA2fuqw5r0+igDE8FtdN4X0pb3T59Ku47ZI5bO5eNnjZRt5MbunOMjDHgjODxW3RRQAUUUUAFcP8WtD1LV9H0a50qy/tO50vWLTUWslkRJJ40fDrGXZU3hWLDcwBK4JGa7iigDzr4f2uteG7PVrm98P3on1jUb3VfscU1uzWq4URQyHztvmSBc/IWQMW3MB8x5jRbvx54d8A67HpvgjUYdbu9du7iBLi6sGMUFzcyy+cFF1tcxqwzGXXcxAB25Ye2UUAcx8N9Ki0PwXpenw6bf6SlvGyfZdUkhkuc7zl5Gid0LOcvlWI+fseB09FFABRRRQA187eK8T8feCfEmoeIPGNlY6K15Y+KE01Y9VSeFY7IwuVl80M4k+VQHTy0fJbB2gZr26igDzL4tvruueEfsGl+EtW1C5OqWsm2KeyTEdteQymTMlwoxIsbbB1zwwTNc94u+GfjDVvH2i+KLC/sWhk1WzuHsr7TiZ9Mt44JVMfmLdBHG+RyQi5LyZyVQCvbqKAGL160+iigAooooAy/FGlya54b1XTYnWOS8tZbdXf7ql0Kgn2ya8v8Ah/pPibTtR07V9T8LXdg2leHbXQzZx3Nq8lzN5imSSIiXZ5SBQQXKOQW+TOAfZKKAPHtc0PxB4o8d+MoR4cv9P03VvDn9iW+rXE9r5Pmq90fMKpO0mwidNvyZ4OQvez8E/DfiDQbm7N/Y6xoulDTrO2TTdY1c6ixuk8zzpom86Xy4yGjULuGdudi9/WKKACiiigApDjvS0UAef/ETTdWXxR4P8Q6XpE2vJpM1ytzZWksKTmOaAoHj810Q4YKCC44YkZxgxfD+11nwH4BsNMutAvNRvre2a5kj0+a2KtLJMzGBDJKnzLu6kBMD72eK9FooA+apvh/4r1T4b+A9HvfDfiLTzpC3MN9/YWpWVvqaOYdkbxS/aNhhJd9ylgSUTKlcg+5fDux1PTPA+gWeswWltqdvYQxXENiipDG6oAVQKNoAxj5cDjgY6dHRQAUUUUAFIaWigDgPiZpWrHWPB+v6TpMuuvouoSST2FvJDHM8UttLCXjaV0TcpdTgsMjP0rL8Np4p8B/DOS1tPC02r+IFjudQis47uCOHz57p5RbGR5AQUEvLY24U4YnAPqdFAHD/AAk0u40vw7cfb9M1LT9UuLuS5vJNUNsJLqZwrNKq280qJHzsVC2VCY5+8xXcUUANbPavgH9pL4seP/8AhdviP4heENf1iD4f/Bm60q21/RrG4dLXV2nkZ9RV03BZGhgkh+8DtJJr7X+KXjux+F/w58S+L9TYCx0PT57+UE43COMtt+pIAA9SK+Nfgp+y/wDGjxN8Bbv7X8W9J0C0+Ikdzrut6HdeC472QSagpeZHna6VmOxwvQYwB2oA+6NMv4NWsba+tZVntbmJZopV5DowBVgfQg1br4o/Z7/aWtfgL+yFr/8AwsZdQ1PV/hLqbeFNYt9NiWS5lVLhYrV41d0UqYpIsEsMhGIycA/Zum38eqafbXkSssVxEsqB1w21gCMjscGgC1RRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUANZgoyelYHhf4geGPHDaivhzxHpPiFtNm+zXq6VfRXJtZR1jk8tjsbg/K2DxW1fWsF/ZzWt1DHc2s6NFLBMgdJEIIZWU8EEZBBr4e8Va9eeC/2yvit4b8Cw21p418XeF9C07So0UbIJAbhHvpEH/LO2t0DHIwSkUeQZFoA+yvC3jjw540bUl8P6/peuvpty1lfLpt5HcfZbhfvRS7GOxx3VsEVvVwnwT+EOh/Av4caN4N8PxsLKwi/e3UvM15O3MtxM38UjsSxPvgcAAd3QAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFADX+7Xzt8AdB1LxN+0F8a/iNrvhe70J2vbfwtocupWT2889haIWeeMuPmhmmkLKy8MI1/u19F0UAJS0UUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAU1/u06kbpQBn3Gt6da6raaXPf20Oo3au9vZyTKs0yrguUQnLBQRnHSqPhfxz4b8aNc/8I/4g0vXfs23z/7MvY7nyt2du7Yx252tjOM7T6V5JqvhnxnZ/HXR/EV5pNhf6e17cql5a3k7ta2K2zKiNELYhG+aR8Bzvd9vAAI3vgrHqGk6jJoVheeINS8F6bpVrbWc3iTSfsE8EyFk8mPMEDSJ5SoSzK2D/GSSAAeuUUjVj6XfX+qafb3ai3jWZA4VgxIzz1oA2aKof8TH+9a/k3+NH/Ex/vWv5N/jQBfoqh/xMf71r+Tf40f8TH+9a/k3+NAF+iqH/Ex/vWv5N/jR/wATH+9a/k3+NAF+iqH/ABMf71r+Tf40f8TH+9a/k3+NAF+iqH/Ex/vWv5N/jR/xMf71r+Tf40AX6Ky7O41G7tYZgbUCRA3Ru4z61L/xMf71r+Tf40AX6Kof8TH+9a/k3+NH/Ex/vWv5N/jQBfoqh/xMf71r+Tf40f8AEx/vWv5N/jQBfoqh/wATH+9a/k3+NH/Ex/vWv5N/jQBfoqh/xMf71r+Tf40f8TH+9a/k3+NAF+iqGNR/vWv5N/jUVpcajdW0cwNqA6hujf40AalFUP8AiY/3rX8m/wAaP+Jj/etfyb/GgC/RVD/iY/3rX8m/xo/4mP8Aetfyb/GgC/RVD/iY/wB61/Jv8aP+Jj/etfyb/GgC/RVD/iY/3rX8m/xo/wCJj/etfyb/ABoAv0VQ/wCJj/etfyb/ABo/4mP961P4N/jQBforLtJ9QurWKYG1G9Q3Ru/41L/xMf71r+Tf40AX6Kof8TH+9a/k3+NH/Ex/vWv5N/jQBfoqh/xMf71r+Tf40f8AEx/vWv5N/jQBfoqh/wATH+9a/k3+NH/Ex/vWv5N/jQBfoqh/xMf71r+Tf40f8TH+9a/k3+NAF+iqGNR/vWv5N/jUNncajd26S5tV3Z4w3rj1oA1aKof8TH+9a/k3+NH/ABMf71r+Tf40AX6Kof8AEx/vWv5N/jR/xMf71r+Tf40AX6Kof8TH+9a/k3+NH/Ex/vWv5N/jQBfoqh/xMf71r+Tf40f8TH+9a/k3+NAF+iqH/Ex/vWv5N/jR/wATH+9a/k3+NAF+isqzuNRvLdJQbVd2eMN649am/wCJj/etfyb/ABoAv0VQ/wCJj/etfyb/ABo/4mP961/Jv8aAL9FUP+Jj/etfyb/Gj/iY/wB61/Jv8aAL9FUP+Jj/AHrX8m/xo/4mP961/Jv8aAL9FUP+Jj/etfyb/Gj/AImP961/Jv8AGgC/RVDGo/3rX8m/xqGzuNRu7ZJh9lXdnjDeuPWgDVoqh/xMf71r+Tf40f8AEx/vWv5N/jQBfoqh/wATH+9a/k3+NH/Ex/vWv5N/jQBfoqh/xMf71r+Tf40f8TH+9a/k3+NAF+iqH/Ex/vWv5N/jR/xMf71r+Tf40AX6Kof8TH+9a/k3+NB/tH+9a/k3+NAF+iq2n3DXVsruoV8spC9BhiP6UUAWaKKKACiiigAooooASsnwj/yLOmf9cF/lWtWT4R/5FnTP+uC/yoA16KKKACiiigAooooAKKKKACiiigClov8AyCLP/rkv8qu1S0X/AJBFn/1yX+VXaACiiigAooooAKKKKACiiigAqlo3/ILtf9wVdqlo3/ILtf8AcFAF2iiigAooooAKKKKACiiigApKWkoAp6L/AMgmz/65L/KrtUtF/wCQTZ/9cl/lV2gAooooAKKKKACiiigAooooAKo6L/yC4Pp/Wr1UdF/5BcH0/rQBeooooAKKKKACiiigAooooAKSlpKAKWjf8g6P/ef/ANCNXqo6N/yDo/8Aef8A9CNXqACiiigAooooAKKKKACiiigAqjov/INh/wCBf+hGr1UdF/5BsP8AwL/0I0AXqKKKACiiigAooooAKKKSgBG7U0/L16V4v+1t4w8feDPhjDd/Dq0nutbmv4oJWtbP7VNDAVcs6R4IJ3Ki5KkAOenUfHQ+OH7Ve0f6L4oI/wCxWT/5HrysVmEMNU9nKEn10Wh97knB+JzzC/W6eJo01dq058r062s9D9JNI/48x/vv/wChmivGf2RvF3j3xd8Obqf4g6dNYarb30kML3NobWWeLarb2jIAGGZlyAAdvqCSV30qirQVRLc+Sx+Cnl+KqYWclJwdrxd0/NPse50U1zxXjHjj9qbwz4F8HXevy6N4h1t18QT+GrHR9Ds0vNQ1W8hdllFrCsnzKvlzE7ipAifj7u7Y889pprfdrlvhf8RtJ+LHgnTPFOiC6jsL5XBt7+BoLm2ljdo5YJozykkciSIy84KHBIwT1LfdoA8p1/4v3en/ABIttLtLaGbw5bi6iv7razTPcw2zTtHCdwXCKFDZzln25XY1WPhn498Sa1rOnWXiNNLb+19Cj1y0/s2CSL7MpdQ8EheR/MIEsWHATPzfKOK0dY+B/gnWvE9l4gm8OaaNTt5pZ5JIrKENdPIpUtM2zc5GSwOQQ2Dmp/APwrsfAd0k8Wqanq8kFjHplm2pyRsbW0RsrEmxEyM4yz7nO1fm4oA7c1z3hXVbKLw7pyPeQKywKCrSqCOK6GsfwlGp8M6Z8o/1C/yoAuf2zp//AD/W/wD3+X/Gj+2dP/5/rf8A7/L/AI1a8tf7o/Kjy1/uj8qAKv8AbOn/APP9b/8Af5f8aP7Z0/8A5/rf/v8AL/jVry1/uj8qPLX+6PyoAq/2zp//AD/W/wD3+X/Gj+2dP/5/rf8A7/L/AI1a8tf7o/Kjy1/uj8qAKv8AbOn/APP9b/8Af5f8aP7Z0/8A5/rf/v8AL/jVry1/uj8qPLX+6PyoAq/2zp//AD/W/wD3+X/Gj+2dP/5/rf8A7/L/AI1a8tf7o/Kjy1/uj8qAMrSNWso9LtFe8t0ZYlBUyrxx9fY1b/tnT/8An+t/+/y/40mjxr/ZNn8o/wBUvb2q35a/3R+VAFX+2dP/AOf63/7/AC/40f2zp/8Az/W//f5f8ateWv8AdH5UeWv90flQBV/tnT/+f63/AO/y/wCNH9s6f/z/AFv/AN/l/wAateWv90flR5a/3R+VAFX+2dP/AOf63/7/AC/40f2zp/8Az/W//f5f8ateWv8AdH5UeWv90flQBV/tnT/+f63/AO/y/wCNH9s6f/z/AFv/AN/l/wAateWv90flR5a/3R+VAFX+2NP/AOf62/7/AC/41U0nVrGPTbdXvLdGC/dMq5/nWr5a/wB0flVPR41/su2+UfcHagB39s6f/wA/1v8A9/l/xo/tnT/+f63/AO/y/wCNWvLX+6Pyo8tf7o/KgCr/AGzp/wDz/W//AH+X/Gj+2dP/AOf63/7/AC/41a8tf7o/Kjy1/uj8qAKv9s6f/wA/1v8A9/l/xo/tnT/+f63/AO/y/wCNWvLX+6Pyo8tf7o/KgCr/AGzp/wDz/W//AH+X/Gj+2dP/AOf63/7/AC/41a8tf7o/Kjy1/uj8qAKv9s6f/wA/1v8A9/l/xo/tiw6fbrf/AL/L/jVry1/uj8qPLX+6PyoAytJ1axj0y1V7y3RhGMqZlz/Orf8AbOn/APP9b/8Af5f8abo8a/2TafKP9Uvb2q55a/3R+VAFX+2dP/5/rf8A7/L/AI0f2zp//P8AW/8A3+X/ABq15a/3R+VHlr/dH5UAVf7Z0/8A5/rf/v8AL/jR/bOn/wDP9b/9/l/xq15a/wB0flR5a/3R+VAFX+2dP/5/rf8A7/L/AI0f2zp//P8AW/8A3+X/ABq15a/3R+VHlr/dH5UAVf7Z0/8A5/rf/v8AL/jR/bOn/wDP9b/9/l/xq15a/wB0flR5a/3R+VAFX+2LD/n+tv8Av8v+NU9I1axj06BXvLdGxyplXPX61r+Wv90flVHRo1/su3+UdPT3oAf/AGzp/wDz/W//AH+X/Gj+2dP/AOf63/7/AC/41a8tf7o/Kjy1/uj8qAKv9s6f/wA/1v8A9/l/xo/tnT/+f63/AO/y/wCNWvLX+6Pyo8tf7o/KgCr/AGzp/wDz/W//AH+X/Gj+2dP/AOf63/7/AC/41a8tf7o/Kjy1/uj8qAKv9s6f/wA/1v8A9/l/xo/tnT/+f63/AO/y/wCNWvLX+6Pyo8tf7o/KgCr/AGzp/wDz/W//AH+X/Gj+2NP/AOf63/7/AC/41a8tf7o/Kjy1/uj8qAMnSdWso7FFe8t0bLZUzLn7x96uf2zp/wDz/W//AH+X/Gm6Oi/2dH8o+83b/aNXPLX+6PyoAq/2zp//AD/W/wD3+X/Gj+2dP/5/rf8A7/L/AI1a8tf7o/Kjy1/uj8qAKv8AbOn/APP9b/8Af5f8aP7Z0/8A5/rf/v8AL/jVry1/uj8qPLX+6PyoAq/2zp//AD/W/wD3+X/Gj+2dP/5/rf8A7/L/AI1a8tf7o/Kjy1/uj8qAKv8AbOn/APP9b/8Af5f8aP7Z0/8A5/rf/v8AL/jVry1/uj8qPLX+6PyoAqNrFhxi+t+v/PVf8apaTqtlHYxB7u3RueDMufvH3rXeNdv3R+VfH/7Tn7THxF+CHiSwtNA8O2M/h2WzRzqV9ZzSo9wzy7ow6OqghUHyH5uCemK5sRiKeFg6tTZHtZRk+JzzFLBYS3O9rtLbzfU+tv7YsP8An+tv+/y/40v9saf/AM/tt/3+X/Gvzf8A+HiHxT6jRfDn/gFcf/H6P+HiHxTHXRfDf/gFcf8Ax+vJ/tzB939x+hrwt4klqoR/8Dj/AJn6Qf2xp/8Az+23/f5f8aP7Y0//AJ/bb/v8v+Nfm9/w8Q+KRz/xJfDn/gFcf/H6Vv8Agof8U1xnRPDgz0/0K4/+P0f25gv5n9w/+IV8S/8APuP/AIHH/M/SD+2NP/5/bb/v8v8AjR/bGn/8/tt/3+X/ABr83h/wUQ+KTHA0Xw4T/wBeVx/8fo/4eIfFLAP9i+HAO3+hXH/x+j+3MF/M/uH/AMQr4l/59x/8Dj/mfo+2safj/j+t/wDv8v8AjXnHxq/aG8KfA/QbXUtZlmvTdzeTBaacElmfAyWwXUBRxkk9x618T/8ADxD4pdf7G8OBfX7Fcf8Ax+ua8c/tWeMvjZZ2Og+IfBWga9GbpHt7SG0vVlaY5VQpjuAxJ3EBR1JFZVM6w8oONGXvPa6djtwPhjm1DEwqZnTXsF8XLON7eV3Y6r9qL9p7wV+0F4b0rT7JvFGiy2F15xhktYWtp1YBSXVZ871GSp6cuP4ty+q+D/8AgoJ4C8M+E9G0m60/xTq1zY2cVtLqFxbQGS5ZECmRszklmIyck8mvR/Dn7FPwj1PQNOu9R8BSaZqE9vHJcWTaxdSG3kKgtHuWbDbTxkcHFaLfsN/BZf8AmUWH/cUu/wD47WccPmSm6ylC7tff/I3r51wTPCwy2pRxHs6cpNW9nu7X1T1Wnex2nwK+MHh/40+D21vw606xRXD29xb3UXlywyff2sASD8rqcqSOcdQQCtP4UfDXw38L/Db6V4Z0tNLsZLiSZ0V3cu5ONzM7FicADk9ABRX0VL2iglVtzdbH45mEsLLFVHgVJUr+7zW5redtDs3zt4618h+DPhT8A/Dv7Zmr+LNI1DXLn4i397d262L2VzJolnqUlsst2YLgW/krdNCrM6mZiNzDaDwPqzxB4j0rwvp4vdY1Sz0i0aWO3W4v7hIIzLI4SNAzEDczMqqM5JIA5NfBXxc1TXPhz8XFi8AfGn4DWmnaN4i1DxCNI8f641pqNjqF3HNHdW8qwSfPGDPJIpYI6lgpyIxu2PPPsH9n/TPDGk/C3S4fB+qXetaK095N/aF+my4uLh7qV7lpV8uPa/ntLldi4ORgV6NXl/7NXh/S/DXwd0W20jxTp/jW3uJbu/m1/SpEe0vLm4upZ7h4tjMoTzpJAFDHAGCcg16c3b60AOorll+IugDxavhs3kw1Z5DCimzmELyrF5pjE+zyjII/mKBt2B04p/gjx9o/xAszeaKdRls/KjmjuL3S7qzjmSQEo0bTRIJAQM5XOAVzjcMgHS1k+Ef+RZ0z/rgv8q1qyfCP/Is6Z/1wX+VAGvRRRQAUUUUAFFFFABRRRQAUUUUAUtF/5BFn/wBcl/lV2qWi/wDIIs/+uS/yq7QAUUUUAFFFFABRRRQAUUUUAFUtG/5Bdr/uCrtUtG/5Bdr/ALgoAu0UUUAFFFFABRRRQAUUUUAFJS0lAFPRf+QTZ/8AXJf5Vdqlov8AyCbP/rkv8qu0AFFFFABRRRQAUUUUAFFFFABVHRf+QXB9P61eqjov/ILt/p/WgC9RRRQAUUUlAC0UUlAAaaaVmC9Tio2kX++v5igNSRc85pa+Avi5+3v4+8F/EvxJoOm6Bo9rZaZeyWkQv45pJXVGKiQkOgw4G4ADgMBk9TyB/wCCj3xN/wCgT4b/APAaf/4/XhTzrCU5OEnqvI/VsN4ZcR4qjCvTpx5ZJNe/HZq/c/R/Rv8AkHR/7z/+hGr1fmdD/wAFFPiVaxiJNJ8NhV6ZtZ/r/wA9ven/APDxz4m/9Anw3/4DT/8Ax+o/tzBd39x0Pwr4lX/LuP8A4HH/ADP0to21+aX/AA8c+Jv/AECfDf8A4DT/APx+j/h458Tf+gT4b/8AAaf/AOP0/wC3MF3f3Mn/AIhbxJ/z7h/4HH/M/S3FLX5o/wDDxz4m/wDQJ8N/+A0//wAfo/4eOfE3/oE+G/8AwGn/APj9H9uYPu/uYf8AELeJP+fcf/A4/wCZ+l1Ffmj/AMPHPib/ANAnw3/4DT//AB+j/h458Tf+gT4b/wDAaf8A+P0f25g+7+4P+IW8Sf8APuP/AIHH/M/S6ivzR/4eOfE3/oE+G/8AwGn/APj9H/Dxz4m/9Anw3/4DT/8Ax+j+3MH3f3B/xC3iT/n3H/wOP+Z+lcmCvNfCniK3m8T/ALaekJonxQTzIbmFJ9B33itFHEqyXFqhRTCyusO5gXA3EgrlOfPz/wAFG/iYf+YV4bHP/PtP/wDH63/2S/iBpnxU/aQOrax4Ft08TSQS3UWr6PJcJHbuI9jvPE8pTDK2wMAMOwyGLbk56mYYfHTp0qT69b/p+p6+C4PzfhjDYvH42C5VTklyunLV6aqXT/Dr2PtD4teCdW8aeFZtO0DV/wCwr5yCLiPK8DtleRXzF/wyP8ZjNcH/AIWdIEdCF/065PP0xxnnnrX2umc4696fgV7FbB067Tm38m0fmmW8R47KaTo4dQabv70Iyf3tHxB4d/ZE+NGnzO1z8TCFJUhU1C6fofcCu6+If7N/xN8RT6W2lfEOWzW3jCS5mljyw7/Jw3U9a+pjTcVnHL6EU4q/3s9GpxlmdSqq0lC6/wCncP8AI+P7b9lf4sxabcwN8S5PNc5jYXVxjHuc8evFZGl/skfGS11qS4l+Jrm2IIH+m3LE5HGVIx6d+1fbH0opf2bRbTu9PNlx40zSKatT1/6dw/yPje1/ZS+LsPiqyvm+Jkj2MTqZFN3cbtoPQKflbj19K+vLGxFrawRSFZZY0VWkKgFiByauGk+vFdVDDQw9+Tr3dzwc0zvFZvyfWeVcu3LFR++24qmlNH86K6jwSnpP/HkP99//AENqKNJ/48h/vv8A+htRQBi/ErTU1LwVqh/4RSz8bXdpEb2x0G+MSx3d3D+8gXfKCkbeYqYkI+Q4btXwX4bsPid4j1DxPqnib9gvwl4r1S71y8na+1bUdCtJwGkyIy0lruuMEn/SMnzM5yetffHjzwf/AMJzocem/wBt6z4f23ltd/bNBu/s1w3lSrJ5RfB/dvt2Ov8AEjMMjNfAfxquNIuPi34tGj+Jv2vvFKR6jMl1N8MrjztDs7jdmS0tztUDyidhUZ2kYySDQB9m/sy+E9d8F/BjQdM8SaFpPhfVwbm4k0PRYbeK209ZbmWWOAC3RImZEdFZ0UBmVm5ySfUG6V5d+zFu/wCFI+G93/CfZxPj/hZ23/hIMefJj7Vj/wAczzs2Z5r1OgDyLX9A1zUvippWq2nh7UoH0y9ZpNSn1WOfT57M2zKyw2zyExTszKmVij6PmUqcPP8ACPwrqPhvXbtLPSdc8M+EYtOgtLbR9d1Vb9lmR3+aHE8/lRiMou0OAcDCDbk+rUUAJXO+FrW6bw7pxW92DyFwPKU44roqyfCP/Is6Z/1wX+VAFn7Lef8AQQ/8grR9lvP+gh/5BWr1FAFH7Lef9BD/AMgrR9lvP+gh/wCQVq9RQBR+y3n/AEEP/IK0fZbz/oIf+QVq9RQBR+y3n/QQ/wDIK0fZbz/oIf8AkFavUUAUfst5/wBBD/yCtJ9lvP8An/8A/IS1fooAxdHtbptLtCt7sXylwvlLxxVz7Lef9BD/AMgrS6L/AMgiz/65L/KrtAFH7Lef9BD/AMgrR9lvP+gh/wCQVq9RQBR+y3n/AEEP/IK0fZbz/oIf+QVq9RQBR+y3n/QQ/wDIK0fZbz/oIf8AkFavUUAUfst5/wBBD/yCtH2W8/6CH/kFavUUAUPsl5/z/wCf+2S1U0m1um023K3uxdvA8oe9bVUtG/5Bdr/uCgBPst5/0EP/ACCtH2W8/wCgh/5BWr1FAFH7Lef9BD/yCtH2W8/6CH/kFavUUAUfst5/0EP/ACCtH2W8/wCgh/5BWr1NMijqwH40AU/st5/0EP8AyCtH2W8/6CH/AJBWrnmJ/eX86PMT+8v50Dsyl9kvP+f/AP8AIK0n2W7/AOf4n/tktXTIv95fzppkUjG8H8aQrGVpNtdNptsVvNg8tcDyhVv7Lef8/wCf+/K18n/Fz9uqT4M+OLnwmvghtVFlBAftkmo/ZxLviV8qvktwM4znqDXG/wDDz6X/AKJwv/g7P/yPXk1M2wdKThOeq8n/AJH6HhPD/iTHYeGJw+FvCaunzwV185XPuL7Lef8AP+f+/K0fZbz/AJ/z/wB+Vr4d/wCHn0v/AEThf/B2f/kej/h59L/0Thf/AAdn/wCR6z/tnAf8/Pwf+R1/8Q04r/6A/wDyen/8kfcX2W8/5/z/AN+Vo+y3n/P+f+/K18O/8PPpf+icL/4Oz/8AI9H/AA8+l/6Jwv8A4Oz/API9H9s4D/n5+D/yD/iGnFf/AEB/+T0//kj7i+y3n/P+f+/K0fZbz/n/AD/35Wvh3/h59L/0Thf/AAdn/wCR6P8Ah59L/wBE4X/wdn/5Ho/tnAf8/Pwf+Qf8Q04r/wCgP/yen/8AJH3C1rd978/9+VrmfiB4+0f4V+HX13xR4hj0vTFdY/Nkh3F2PRVVQWZsAnCgngnoDXyJ/wAPPpf+icL/AODs/wDyPXB/Gj9tbRPjp4P/AOEd8Q/DiaK2W4S6huLPX9ksMigjcubYqcqzKQwIwx6HBGdTOsJyN05rm6XT/wAjtwXhrxA8VTWNwslSuublnTvbra8rX9T6k/4bZ+EIP/I+Nnv/AMSe5/8AjVQ2X7afwit7aNG8dtGy5+X+x7o98/8APKvkbwb8G/hv4th09/sXjO2N1arckLeW7hSV3YB+yjI4+9jnjsRWlpvwE+G2oOVaDxkpUZJW6t8HgnOPs/tXAswxzSa5Nf8AEfV1ODuFaUnCTxN150j6u/4ba+EP/Q/N/wCCa6/+NUf8NtfCH/ofW/8ABNdf/Gq+dPAP7KPw38dzXkSSeMLM27bSZLq3Oeh5P2fip779kv4b2OtT6eZfGDNDjMn2m3A5Gcn9xx0rX65mNuZKFvmcEuHODIVHRc8TzL/r3/kfQf8Aw218If8AofW/8E11/wDGqP8Ahtr4Q/8AQ+t/4Jrr/wCNV45efsOfDqzhs3a+8Wt9p4H+kW4K8Z5/cf5NZFn+x78OLy61GEXHjAGzcoT9ot8sef8Aphw3HSreJzNbqH4mEcj4JqJyjUxOn/Xv07Hvf/DbXwh/6H1v/BNdf/GqT/htr4Qk/wDI+N/4Jrr/AONV8567+yr8N9E0t73PjGZVYrsS5txnkD/n39/50uh/srfDbWbyzt93jGJrhQwZrm3wMnv/AKP+tR9czG/LaF/mdP8Aq3wd7P2nNieX/uH/AJGl+1T+0zYePNJ0RPhx8TprSS1ldrq2t47vT5bksUWPEnlqu1R5hIZ1GD3IFfO8fxD+Jsqsy/EXVQEODv8AFRH85ua+qZP2Efh1aeKbPSJNR8VP9oUP5n2m3AxnODiAHHuK6v8A4d+/DG2v/sbSa7M0w3CRrtPkHPAAjA/rXFWweYYmbnKSXo2v8z6jLeI+EMiwkcJRpyqLVpzpwk7eqcf8z5p+FPhX43fGBb8+HfH11PJaMolSbxNI7jOecKzkD34B7ZwceiN+zT+0w0eD40lBz0XXpwfz219WfBL9mjwh8B7rUrnw8LyW6vgEknvZhIwQHIRcADGfxPcmvWj7816eHyr92vbzfN5SPg834/f1yf8AZeHpex6c1JJ/mz88rP8AZ1/aPkj8uLxy6nOfL/t2fcBnGenqc++K+rvhH4F8f+H/AALY2PirX7e+1iNZA8yr5pGSdoLFQXIz1I/PrXpGi6fAsaXez9824E59zWqGI616NDAwoPmjJt+p8fm3FWKzamqVSlTik7+7BJ/eeXz+C/GxuLJo9ft1iSUtLH5YyV9M45rvY9NuQih7pM45xAtagzRXdGmo3aPla+KnXSUklbsrGeNLm/5+l/8AAdKP7Lm/5+k/8B0rRGc+1OrQ5uZ9zM/sub/n6T/wHSj+y5v+fpP/AAHStOigOZ9zM/sub/n6T/wHSj+y5v8An6T/AMB0rTooDmfczP7Mm4/0pD/2wWsnw7pOoxq8r36CJs7EWFcjk966iqWi/wDINh/4F/6EaVh88rNX3EFref8AP+f+/S0v2W8/6CH/AJBWrtLTIKP2W8/6CH/kFaPsl5/z/wD/AJBWr1FAFH7Jef8AP/8A+QVo+y3n/QQ/8grV6igCj9kvP+f/AP8AIK0fZbz/AKCH/kFavUUAUfst5/0EP/IK0fZLz/n/AP8AyEtXqSgCjoqldPQM25t75bGM/O1FO0n/AI8h/vv/AOhtRQBbbpXyldeA/wBpzwD4v8Xr8ME+FMHg/V9ZudYt7fxZealdXUckzAykG3giVFdw0hjPmFWkceYwxj6uavzd+M3w/wD2edQ+K/i66139kf41eK9Zl1O4kvtc0XR9RNnfTFyZJoWW9RSjNkgqqg5yKAPvf4Xnxq3grTj8RF0FfGGJPtv/AAjBnOn/AOsbYYvPAk+5tzu/iz2xXWV45+yL4b1Hwn+z54T0zUvDy+FJYUuDBo5tY7aa3tmuJGt/tEcYCC4MJjaXA5kLk8k17C5wtADqK8b8beLvE/gv4i2V1Pd358MzvMvkz29qthLttHdIY3QPcLMZEJLybY9oYAE7d03wn8S+Ip9e0e01nXZNej1vw3Frh823hiFpNvQNHF5SLmMiZceZub93945oA9drJ8I/8izpn/XBf5VrGud8LapBH4d05W87KwKDiByOnstAHR0VR/te2/6bf9+JP/iaP7Xtv+m3/fiT/wCJoAvUVR/te2/6bf8AfiT/AOJo/te2/wCm3/fiT/4mgC9RVH+17b/pt/34k/8AiaP7Xtv+m3/fiT/4mgC9RVH+17b/AKbf9+JP/iaP7Xtv+m3/AH4k/wDiaAL1FUf7Xtv+m3/fiT/4mj+1rfj/AF3/AH4k/wDiaAF0X/kEWf8A1yX+VXaxtJ1S3j0u0U+bxEo4hc9vp7Vb/te2/wCm3/fiT/4mgC9RVH+17b/pt/34k/8AiaP7Xtv+m3/fiT/4mgC9RVH+17b/AKbf9+JP/iaP7Xtv+m3/AH4k/wDiaAL1FUf7Xtv+m3/fiT/4mj+17b/pt/34k/8AiaAL1FUf7Xtv+m3/AH4k/wDiaP7Xtv8Apt/34k/+JoAvVS0b/kF2v+4KT+1rft53/fiT/wCJqppOqW8em24Pm/c7Que/0oA2KSqZ1a2/6bf9+JP/AImkOrW/bzuv/PCT/wCJoDzKXirxloXgfT0v/EGsWOi2byCJbjULhIELkEhQzkAnCk49jXKD9oj4Yf8ARQfDP/g2t/8A4uvFf2/te8OSfCvSLHW7XWJzNqay2raeBEqSrFIpMjuhBAV2IQYZscEDJHm3hH9gbwn4y8K6Zr1r4v1uC21SzS9to5tOXfEssaNGH25UkAnIB5J4Ixz49fFYlVnSw9NSsl1sfpGV5Dk8sshmOb4mdFTlKKtDmTtbt69beR9XzftDfDPyZNnxB8M7scf8Ta3/APi6/P3XNU+OXizxJq95afEGLUFW4IMmi+MbSK1AyQpSNbhNisFyAyg8cjOa9nuP+CcXh5lPk+NdWibLYL6ZuH3gVyMDOFyDjrkHgDB6nwp+wP4E0O3uFvNc1+/nlk++kYiVUDEqu3yzk8jJPpxjpXn4iljsZaNSHLbqpf8AAPrcox3CvDiqVsLiVXlKytOg5W9Pejb7z5fltfjxbMqy+N72It0V/HFtk/T/AEqlhsfj3cSSRxeNL6WRFLsieNrYlRjqf9K4Ar6xvP2F/hzezRSNqXiNWXB+UjBwf+uNSWP7Dfw4sZZ3TUPEL+bGYyrNwM9xiIc81yf2Vir/ABP/AMD/APtT6L/XzJOW/sqd/wDsH/8Auh8kWdv8dtSl8q08b3l1Jn7kXji2Yj06XWea0tW8J/tG6DMsWo+JNX0+Rl3BLnxjbxkqeM83I45HNfUWgfsM/Dnw9qAvI9U8STOpDASEY+vEI9K674hfsw+B/iLqEV3fT6zbSRwrAFttwBCrtB+aM84GOOKtZVX5dZSv/j/+1OWpx9lSrxjChSdPq/q+t+mntD478H/Cn46eONVtp5Tb+JrZY22tqup2OpxRKcZKK7ybMlVBKgHjBrupv2afjK99KV8M+EzFwVP9mafj8MxZHQV9R/B34N+GPhPBFLpMupTytGMm6BcAlQONqDsK9T/ta3z/AMtv/AeT/wCJruo5THlXtJyv63/Q+XzDxDrfWGsHh6Lp9P3Vvw5mfCVx+zX8YPtFsY/DPhMrvzJ/xLNPxzjqPK5HFX9P/Zp+KP2aT7R4Y8I+Z5pKltLsScc858vp+tfb39rW3pN/34k/+Jpf7Wt/+m3/AH4k/wDia6P7LpL7cvvPGlx9mE4pfV6S9If8E+EZv2a/jCbqbZ4b8KCLadmdM0/8uY85q54U/Zr+Kq3DtrHhjwnsyMbtL08tjI3YKx+mf/rda+4v7Wtv+m3/AH4k/wDiaP7Wt/Sb/wAB5P8A4mhZVSTvzS+//gDnx/j5wcPq9FX68mv33Pjq8/Zx8fjxlYPbeF/CA0MRr54GlWWN2Pm4Me4nPIx71l6h+zV8TGup/I8MeERD5vyhdKsc7PQZj/n719s/2tbek3/fiT/4mj+17f0m/wC/En/xNW8tpS+1L7zkhxvj6dn7Kntb4f8AgnyFpf7OPjkQ34uvDHg8uYv3BGlWZHmY7Yj9h1rF0P8AZt+J8N5byXnhrwkVWcFs6XYEhcjH/LPp+vpzX2udWt/Sb/vxJ/8AE0f2tb/9Nv8AwHk/+Jqv7Npaay08xf67Y+0o+xp+9/c/LUNNtfJtYVmSM3CoBIwXq2Of1puiwx/2bAfLXO3rt96curW+f+W3/fiT/wCJqppOqW8enQKfN6doXPf6V6aWh8DKUm22a6xovRFB9hR5abs7Bn6VU/te2/6bf9+JP/iaP7Xtv+m3/fiT/wCJqibsuFR6D8qTy0yTtHPtVT+17b/pt/34k/8AiaP7Xtv+m3/fiT/4mgLlvyk7qp/Cjyk/uL+VVP7Xtv8Apt/34k/+Jo/te2/6bf8AfiT/AOJoC7Lm0Zzjmlql/a9t/wBNv+/En/xNH9r23/Tb/vxJ/wDE0CL1JVL+17b/AKbf9+JP/iaP7Xt+3nf9+JP/AImgA0b/AJB0f+8//oRq9WNpOqQR2KK3m5y3SGQ/xH2q3/a9t/02/wC/En/xNAF6iqP9r23/AE2/78Sf/E0f2vbf9Nv+/En/AMTQBeoqj/a9t/02/wC/En/xNH9r23/Tb/vxJ/8AE0AXqKo/2vbf9Nv+/En/AMTR/a9t/wBNv+/En/xNAF6iqP8Aa9t/02/78Sf/ABNH9r23/Tb/AL8Sf/E0AXqo6L/yDYf+Bf8AoRo/ta37ed/34k/+JqnpOqW8enxKfN7/AHYZD3PtQBtUVR/te2/6bf8AfiT/AOJo/te2/wCm3/fiT/4mgC9RVH+17b/pt/34k/8AiaP7Xtv+m3/fiT/4mgC9RVH+17b/AKbf9+JP/iaP7Xtv+m3/AH4k/wDiaAL1FUf7Xtv+m3/fiT/4mj+17b/pt/34k/8AiaAL1JVL+17b/pt/34k/+Jo/te3/AOm3/fiT/wCJoAXSf+PIf77/APobUU3RWElgrDOC7kZBB++3rRQBdc4HNfDPjv4ifEHVviN4xh1P9q3wr8AF0/Vp7Ky8H6xoWlzTGzTHkXYlu5keQTIRJlcqCSoOVYD7mbt9a+CvEvwr8VeGviN47mg/ZA0b41Wur69c6pD4q8WazosN46y7cQqsxnfyUwRHnyyE2AxqwJYA+uPgTPeXPwt0OW++Idl8Vrp1lL+LtNt7eC3v/wB6+CiW5MQCjEfyk/c55zXevzj61wHwFtbmx+Fmiw3nw4sfhNcr52/whpk9tPb2BMzn5HtlWIh8+Z8oHLnPOa9BoA5Jvhj4cfxI+uSWUst6ZvtIjmvJ3tUmMflmVbYuYVkKlgXCBjubJ5OX+C/hr4d8BySvollJbu8KW4M11NceVCpYrDH5rt5UYLEiNMKM9K6qigBKyfCP/Is6Z/1wX+Va1ZPhH/kWdM/64L/KgDXooooAKKKKACiiigAooooAKKKKAKWi/wDIIs/+uS/yq7VLRf8AkEWf/XJf5VdoAKKKKACiiigAooooARqb+GaJDxXjXx2/ae8Mfs/3WlW2u2WpX0+orI8aadHG5RU2glt8i9d3GM9D0rOpUhRi51HZI7cHgcTmNeOGwlNzm9kup7NVHSeNLtj0+QZr5U/4eUfD3voHibH/AF7W/wD8fqC1/wCCjnw+trNLdtA8SkqNv/Hvb/8Ax+uD+08H/wA/EfVf6kcRv/mCn9xV/a6+O3xF8M+O9H0b4aa/YOpjMNzp2mi2vNRN0ctteBwzhQgBBVRyW3HlAfG/+F0ftYf88PFH/hLxn/23rh/DunfDX4gfG/TpLXxH4r0uHV9aSSKO60+NpEaSUEKbkXTOCWOBIUJGQTkgmv1fhhVI1XG7AwOBXi0KdXMJzqe1cUnpyy0P0nNMZgODcLhcD9QpV5uN5OrScZXvtd/Fba600PzI1jxX+0v8R1s9H1vQNV1q3kuUMUOr+E7ZoElPyq5MtvtXAY/MSAATkgZr9I/B9tc2PhfRre9tbWwu4rKJJrSy/wBRC4QApHwPlU5A6cAcVsKgC8KM+3FL6cV7mFwjwrblUlNvufmXEHEUc8hTp0sJToRhf+GrXv3HLTqYv1zT69E+MCiiigApKWkoAp6L/wAgmz/65L/KrtUtF/5BNn/1yX+VXaACiiigAooooAKKKKACiiigAqjov/ILg+n9avVR0X/kFwfT+tAF6iiigAooooAKKKKACiiigApKWkoApaN/yDo/95//AEI1eqjo3/IOj/3n/wDQjV6gAooooAKKKKACiiigAooooAKo6L/yDYf+Bf8AoRq9VHRf+QbD/wAC/wDQjQBeooooAKKKKACiiigAooooAKSlpKAKek/8eQ/33/8AQ2oo0n/jyH++/wD6G1FAFts4/GvzW+LfxG+HFn8YfHdn8X/2nvid8O/E9rrM0VroPgfVriPTIdOwptCEtraYLJ5ZHmBysm8NlcFWb9KW6V8M+M/EnxR/Z4+InirR/CfjH9n3wZpHiLWLjxBBpvxB8R3a6pM9w/zykJHD8ruhIU+ZtJKCRlUAAH0p+zDqXhjV/gj4bu/B3jXXfiH4ckWc23iPxNcSz6hd4nkD+a8qI5KuGQAqMBQOlepN29ziuV+FreNX8D6YfiGNAHi/bJ9t/wCEYMx08/vG2GLzh5n3Nmd38W7GRiuqbp6UAcdefEaHT/F9poV1ousW8N7c/YbbV5IYxaS3AhM2wfP5n3Vb5imwlSNxxU/w78dv8QtFg1ePw/qui6dd20N3Zzam1t/pMcq7lZVhmkZcLtJDhT8wxnnHP3mgeM774ox61d6Zod7omnho9JVtVmiltt6bZZnj+ysHlYEqP3gCpkDlmJZ8MfhrceE/Fmp6v/YOgeEbS5sobT+x/DczSW8rpI7efJ+4hXfhwowmcdWIwAAenVk+Ef8AkWdM/wCuC/yrWrnvCtgZPDunN9puFzAvCvwOKAOioql/Zp/5+7r/AL7H+FH9mn/n7uv++x/hQBdoql/Zp/5+7r/vsf4Uf2af+fu6/wC+x/hQBdoql/Zp/wCfu6/77H+FH9mn/n7uv++x/hQBdoql/Zp/5+7r/vsf4Uf2af8An7uv++x/hQBdoql/Zp/5+7r/AL7H+FH9mnj/AEu6P/Ax/hQAaL/yCLP/AK5L/KrtY2kaeW0u0P2q4GYl+6/t9Kuf2af+fu6/77H+FAF2iqX9mn/n7uv++x/hR/Zp/wCfu6/77H+FAFxqZn1rG8QXVp4Z0O/1fUdSuLbT7GCS5uJmbIjjRSzNgDJwAT+FfLd1/wAFEPh3DdTRR2Xiq4hRmRJo4IAsgBOCN0oOPqAeRkVy1sVRw9vaySue5luR5nnCk8BQlU5d7K9j6+oJr49/4eK/D3H/ACDfF3/fq2/+PUn/AA8V+H3fS/Fh5/55W3/x6ub+0sH/AM/Ue1/qTxH/ANAU/uPrq5uVSKQLIm8Djkda/MD4qeJvjz8UtTmh8S+B76/ht5nEVpH4YEsdvyu5YZ/LZwrbBkrIcgDkisdvA6ftR/GjX5PCXiSNL3Unkv47bxSr28zZZiYojH5ocRpsAyVO0HC4Umvsz9kX9mrxH8DNO8QDxFrkFw+oyxGKy012aGIIGzJudV+Zt2CAvAjXk5wvjznUzVqnFOMO6krP1P0XD4XA8A0pYupUhWxTUWqc6clKN9+WV9PW3Q+Cv+FZ+PRHsPwp1UqOv/EkvN3Tn/PsKcvw28eybT/wqnUpeh3jRbznjrkdu/Hev15/skdftE//AH0P8KqaXpgk0+3Yzzg7ezD/AAo/1fpbc7/Av/iL2Pf/ADCx/wDApf5nx1+xF8Mby41TVLnxb8LrXQ2sHiuLDVL7TZIbnzjnIXzyTxgNuUDBPfPH23GMflVVdM29Lq4A9nH+FL/Zx7Xdz/32P8K+gwuGjhaapxd7H5Dn2c1c9x08bVjZvpdtL722XV6+1Oqgunnvd3Of98f4U7+zT/z93X/fY/wrrPny7RVL+zT/AM/d1/32P8KP7NP/AD93X/fY/wAKALtFUv7NP/P3df8AfY/wo/s0/wDP3df99j/CgC7SVT/s0/8AP3df99j/AAo/s0/8/d1/32P8KADRf+QTZ/8AXJf5VdrH0nTy2mWp+1XC/uxwrj/Crf8AZp/5+7r/AL7H+FAF2iqX9mn/AJ+7r/vsf4Uf2af+fu6/77H+FAF2iqX9mn/n7uv++x/hR/Zp/wCfu6/77H+FAF2iqX9mn/n7uv8Avsf4Uf2af+fu6/77H+FAF2iqX9mn/n7uv++x/hR/Zp/5+7r/AL7H+FAF2qOi/wDILg+n9aX+zT/z93X/AH2P8KpaPp5bToT9puE4+6r+/wBKANqiqX9mn/n7uv8Avsf4Uf2af+fu6/77H+FAF2iqX9mn/n7uv++x/hR/Zp/5+7r/AL7H+FAF2iqX9mn/AJ+7r/vsf4Uf2af+fu6/77H+FAF2iqX9mn/n7uv++x/hR/Zp/wCfu6/77H+FAF2kqn/Zp/5+7r/vsf4Un9mn/n7uv++x/hQAaN/yDo/95/8A0I1erG0nTy1ih+1XC8twrj+8farn9mn/AJ+7r/vsf4UAXaKpf2af+fu6/wC+x/hR/Zp/5+7r/vsf4UAXaKpf2af+fu6/77H+FH9mn/n7uv8Avsf4UAXaKpf2af8An7uv++x/hR/Zp/5+7r/vsf4UAXaKpf2af+fu6/77H+FH9mn/AJ+7r/vsf4UAXao6L/yDYf8AgX/oRo/s0/8AP3df99j/AAqppOnltPiP2q4Xrwr+59qANmiqX9mn/n7uv++x/hR/Zp/5+7r/AL7H+FAF2iqX9mn/AJ+7r/vsf4Uf2af+fu6/77H+FAF2iqX9mn/n7uv++x/hR/Zp/wCfu6/77H+FAF2iqX9mn/n7uv8Avsf4Uf2af+fu6/77H+FAF2kqn/Zp/wCfu6/77H+FH9mn/n7ufxcf4UAGk/8AHkP99/8A0NqKTRV26eq5LYd+Sck/O1FAFxvu18H+KrDwn8KfiJ43g+JH7MXif4xazrWvXWsWni3RfBtr4hjnspSPIhaaR90DQovk+VgACMOOHr6b/aovPEWn/AHxfc+F5dQt9Ujt42ebSd32yK185PtTwbTu81bfzim35twGOcVlWH7WnwH/AOEZt5Y/jF4PNn9kVkE/iWH7X5ewY3K8nneZjqGHmZ4PzUAaf7LHhHXPAvwN8N6L4hsW0i+g+0vFpLTLMdOtXuZZLa0LqSrGGFoouCR8mMnrXrNeQfsm63q/iP4B+GNS1ee/u2uftMljdasXa8n083Mv2KSZpMu0jW3kksxyScnk16/QAUUUUAJWT4R/5FnTP+uC/wAq1qyfCP8AyLOmf9cF/lQBr0UUUAFFFFABRRSUAI1NP5CmXk6W1tJLK4jjjUszsQAAOc8187+I/wBtb4Q6noOp2Nh48k02/uLeSKC9j0m7YwSMpCyANDg4Jzg8cVz1cRTofxJJX7ux6uAyrG5pJxwlGU7WvyxlK1+/KmfRPnxdnT/voUfaI/8Anon/AH0K/Gu90K21C5nuLr4p6LdTzO0ks0q6q7SM3ViWtMknnJPWoU8G6bdSAN8SfDuc5y8epD0HU2npXzjzyV7Kmv8AwNH7ZHwrpuKlPGzX/cvVP2N0i4jXSbMGRAfKXqR6V8v/ALW37TXj/wCB/izTbXw1odjeaDcWaSSanfWs0sZuGeQeSHR1UELGG2nkgk9q+Rvhx+zbrfxc1O7s/Cvjfw3qV9bRiSeHz72NlXOM/PbjIycZGRXuHwk/Yj+K/wAPfiNoGuP4l0q1sLW9glvlsb+53z26yq8kRHlKGDBcbWOOmauWNxeMgo06bin9pNOxy0+GeHuHcTKrj8dGtKCb9lOnOHNpprdteTs0cd/w8W+Kf/QH8N/+Adx/8fo/4eK/FP8A6A/hz/wDuP8A4/X6SLbx7iDGn/fIp/2WL/nkn/fIro+oY3/oJf8A4Cv8zxf9beG/+hHH/wAGy/8AkT8z9S/4KCfEnVtPubK90DwvdWdxG0U0M1jcMkiMMMrAzYIIJ4PWvQv2SfgP4G+OHhLU9W8V/DKPTFiudlne2l/fRQXSYIYKrzsSUZSCwO0lsDlWr7u+zxD/AJZJ/wB8ilCBVwowPbirp5dU9op4mp7RLo4o5cbxnhVhJUMkwbwkpNNyhVn08lyr77nhH/DDPwV/6FBv/Bpef/HaX/hhf4Lf9Cg3/g0u/wD47XvK/rS16H1LC/8APqP3L/I+S/1nz3/oOq/+DJ/5nmPw2/Zr+Hfwi16XWfCugf2bqUkDWzTNdzzfu2ZWIxI7AcovOM8fWvTR64paWumnThSjy04pLy0PFxWMxOOq+2xdSVSfeTbf3sKpaN/yC7X/AHBV2qWjf8gu1/3BWhxl2iiigAooooAKKKKACiiigApKWkoAp6L/AMgmz/65L/KrtUtF/wCQTZ/9cl/lV2gAooooAKKKKACiiigAooooAKo6L/yC4Pp/Wr1UdF/5BcH0/rQBeooooAKKKKACiiigAooooAKSlpKAKWjf8g6P/ef/ANCNXqo6N/yDo/8Aef8A9CNXqACiiigAooooAKKKKACiiigAqjov/INh/wCBf+hGr1UdF/5BsP8AwL/0I0AXqKKKACiiigAooooAKKKKACkpaSgCnpP/AB5D/ff/ANDaijSf+PIf77/+htRQBkeMPHmleCbrw5baiZvP8QaomkWSwx7sztFJKNx/hUJDIcn0x1IrjdN+Efwa8aeJL7xPZ+BPBmq+IbTVZBdaz/Ydq93HfwyfOWmMe/zVcA7s5zg5rpPi18IfB/xy8F3PhTxzocOv6DcSJM9rK7xlXQ5V0kjZXRhyMqwOCw6Eg/nn4p+AH7J3w/8AGet+G9N/Z/8Aip8VmsL94b7VvCdrqN9Y6bOcFrIypcxAmJWUkYkYB8MxbIAB+na5zz6Ur/drzr9nnRvAOg/B3w3afC+PyvAnkvNpiGW4kKq8jO4P2gmVSHZwUflSCuBjA9GagDxzxd9st/iSLrw7q2q3moadHNf6xbyX0j2EEH2R1gtjbgiMPJJskGB5mFYlsMoNT4K31zH4g0GJNd1HW4NY8JQaxfNfX0l0BdGRQJIw7N5QffINiYX92MDivSG+G/hJtfOvt4X0U655nnf2l/Z8JuRIP4/M27t3A5zmr3h/whoXhRrs6Joun6Obt/NuDYWqQGZ+fmfaBuPJ5OepoA2DXPeFbyZfDunAWE7gQLhlaPB492FdDWT4R/5FnTP+uC/yoAtfbp/+gdcf99Rf/F0fbp/+gdcf99Rf/F1dooApfbp/+gdcf99Rf/F0fbp/+gdcf99Rf/F1dooAotez/wDQOuP++ov/AIum/bZv+gfcf99Rf/F1fb64rB8aeM9G+H/hy813X9Ri0vSrVd8txNnA9AAOWY9Ao5JOBzUykormbsi6dOdWahTTcnoktzh/2iPidd/DP4Q+Idfh0E6lLDCsQt7lk8rMjrHucKxLKN+So6gYyM5H5L6jrFhfXrTQ6BY6fESCLe2muDGvQcF5WbsTye+K96urz4u/Gz4meLX+HPjPVfEGm/bprmCKx15rJY7d3ym2CaSN1VQ6ocLgEYBPBP13+x/8P/ib4M8OayPiZfzXctzOjWdpfXYvJ4MAhy0mWGG+QhQxAwTwSa+NxEJZxWUY3jBX15U199z+lMoxFHw3y6pWqunVrz5W4KpKE0mlo4Weq7tI/Ozw3q3hN44Y7zwLdarOAVdrbVZY0fnrtCEjjPGa+v8A4B/s0/DH4leFTqmofDzWLOXOAt1qkhB5PT5kz26j096+1xbxc/ukH/ARUiqFHAAHsK9HC5PCjL941Nf4UfHZ74k4nNKPJg6c6Em78yrTf4aI8j+EfwJ8F/CW6l1fwx4Vns9QvIFjluDdmXK8EhfMlO0EgHAx0Feo/bp/+gdcf99Rf/F0aL/yCbP/AK5L/Kr1fQQpwprlgrLyPyTFYzE46q6+KqOc31k2397KX26f/oHXH/fUX/xdH26f/oHXH/fUX/xdXaKs5Cl9un/6B1x/31F/8XR9un/6B1x/31F/8XV2igCl9un/AOgdcf8AfUX/AMXR9un/AOgdcf8AfUX/AMXV2igCl9un/wCgdcf99Rf/ABdH26f/AKB1x/31F/8AF1dooAo/bp/+gdcf99Rf/F1U0m8mXTbcCwuH+X7waPH/AKHWzVLRv+QXa/7goAPt0/8A0Drj/vqL/wCLo+3T/wDQOuP++ov/AIurtFAFL7dP/wBA64/76i/+Lo+3T/8AQOuP++ov/i6u0UAUvt0//QOuP++ov/i6Pt0//QOuP++ov/i6u0UAUvt0/wD0Drj/AL6i/wDi6Pt0/wD0Drj/AL6i/wDi6u0UAUvt0/8A0Drj/vqL/wCLpPt0/wD0Drj/AL6i/wDi6vUlAGPpF5MumWoFjcP+7HzBo+f/AB+rn26f/oHXH/fUX/xdGi/8gmz/AOuS/wAqu0AUvt0//QOuP++ov/i6Pt0//QOuP++ov/i6u0UAUvt0/wD0Drj/AL6i/wDi6Pt0/wD0Drj/AL6i/wDi6u0UAUvt0/8A0Drj/vqL/wCLo+3T/wDQOuP++ov/AIurtFAFL7dP/wBA64/76i/+Lo+3T/8AQOuP++ov/i6u0UAUft0//QOuP++o/wD4uqekXky6fCBYXDjH3g0fPP8AvVtVR0X/AJBcH0/rQAv26f8A6B1x/wB9Rf8AxdH26f8A6B1x/wB9Rf8AxdXaKAKX26f/AKB1x/31F/8AF0fbp/8AoHXH/fUX/wAXV2igCl9un/6B1x/31F/8XR9un/6B1x/31F/8XV2igCl9un/6B1x/31F/8XR9un/6B1x/31F/8XV2igCl9un/AOgdcf8AfUX/AMXSfbp/+gdcf99R/wDxdXqSgDH0m8mWxQCwnflvmDR8/Mf9qrn26f8A6B1x/wB9Rf8AxdJo3/IOj/3n/wDQjV6gCl9un/6B1x/31F/8XR9un/6B1x/31F/8XV2igCl9un/6B1x/31F/8XR9un/6B1x/31F/8XV2igCl9un/AOgdcf8AfUX/AMXR9un/AOgdcf8AfUX/AMXV2igCl9un/wCgdcf99Rf/ABdH26f/AKB1x/31F/8AF1dooAo/bp/+gdcf99Rf/F1U0m8mXT4gLC4fr8waPHU/7dbNUdF/5BsP/Av/AEI0AL9un/6B1x/31F/8XR9un/6B1x/31F/8XV2igCl9un/6B1x/31F/8XR9un/6B1x/31F/8XV2igCl9un/AOgdcf8AfUX/AMXR9un/AOgdcf8AfUX/AMXV2igCl9un/wCgdcf99Rf/ABdH26f/AKB1x/31F/8AF1dooApfbp/+gdcf99Rf/F0n26f/AKB1x/31F/8AF1epKAKOisWsFJUoSz5U9R87elFO0n/jyH++/wD6G1FAFtun418wa58Nv2hvhr4m1+H4Oal8Nb3wfrOpXOuG38cQ6gl7Z3Vw5kniRrYlZIjJukUsAw8wp0UE/T7f1r5Pm/a48T/DHxZ4w8PeJfhT8VfH4t9buW0zWfCHgyaWzNiWzFDukWDc0fzIXXzFcAOsjBsKAe6fA34ay/CP4b6d4butT/trUElub2+1AQ+StxdXNxJczuseTsQyTPtXJwMc131cp8L/AB4PiZ4J03xIPD+v+FheiQnSfE9ibLULfbIyYlhJO3O3cOTlSD3rqX6D60AOorkF8aXI+Jg8LSaQ8FtJpst/DqUlwhExjkhV1WJckL+/A3MQco3y4wzZHwX+KrfFjQzqe3QYVa3t5xbaRrf9oTwGVSxjuV8mPyXGANvzZIfpt5APRayfCP8AyLOmf9cF/lWtWT4R/wCRZ0z/AK4L/KgDXooooAa1NP8AKoNW1G20jTbm+vZ4rWzto2mmuJ3CRxIoyzMx4CgAkk9AK4L/AIaF+GHX/hYHhkn21eD/AOLqJTjH4nY6aWFr4j+DBy9E3+R57+0x+1k37O2taNp6+FJteOowST/aHujbRLtYDareW4duckcbQU67q+Zfi1+3NpXxo8F3PhjXfhxIllO6yCW110LNE6nKuhNuRn6gjBNem/ta+O7z4p3nhLSPhv4o8IeILd5z52mSX2mzu9wSFhO2dju+84CoMkkg5yMe+eE/gB4LXw3pf9u+BfC8mri3T7W0Ok2+zzMfMR8nTNfPVY4rF1p06VS0NPspr7z9hy6rkHD+W4TGZhg+fENv4as4zVno3HTl8jzL9h34P+CtJ8KWvxG8PQ6tHf61aPatHql0kpt1SYrIibI0DBniU7iM4UY25IP1RVextYrO3jggiWCGNQiRoAFUAYAAHQYqxXuYejHD0lTitj8szbMqub42pjK0m3J6czbaXRXfZaBRRRXQeQUtF/5BFn/1yX+VXapaL/yCLP8A65L/ACq7QAUUUUAFFFFABRRRQAUUUUAFUtG/5Bdr/uCrtUtG/wCQXa/7goAu0UUUAFFFFABRRRQAUUUUAFJS0lAFPRf+QTZ/9cl/lV2qWi/8gmz/AOuS/wAqu0AFFFFABRRRQAUUUUAFFFFABVHRf+QXB9P61eqjov8AyC4Pp/WgC9RRRQAUUUUAFFFFABRRRQAUlLSUAUtG/wCQdH/vP/6EavVR0b/kHR/7z/8AoRq9QAUUUUAFFFFABRRRQAUUUUAFUdF/5BsP/Av/AEI1eqjov/INh/4F/wChGgC9RRRQAUUUUAFFFFABRRRQAUlLSUAU9J/48h/vv/6G1FGk/wDHkP8Aff8A9DaigC23Svz+8bftKeHfgT+0VZTfFHxx4q8Pa0fFGpS3enXL6o+lPoDWk0envb2sQa3kUusG51QyiYS7sbSR+gLdPavlG40z47/HPxh4yvvCnxqsfhPo2g61caFF4dt/Cdpq8xEOCLi4lnkDI8qusioAFETRHqSSAetfswXXiG++DGjXPib+0/t1xcXs9v8A215n20WTXkzWgn8z5w/2cw5DfMOh5Br1Rvu8da82/Zz+I2q/Fb4R6N4k1uKyTVJpLq3ml0wN9kuTBcywC4t9xJMMojEiHJ+Vxyetel0AcFqHgvxFcfEq38T2+u6XBY21jLYRafJpMkkvlyGJ33TC5UFt8KkYQAKxXBPzVY8LeCdVsvF974m1/V7LU9UmsY9OjXTdOazhjhSR5PmDzSs7FnPO4AAcLkkntaKAGtntXPeFdLtpPDunOyNkwKT+8b0+tdC1Y/hRtvhnTecfuF/lQBbbSbXHCMP+2jH+tfL3x4/bN0P4K+OLjwtB4Wu9dv7VEa5ke9NtEu5A6hDtYtwwzwPqa9v1L46fDzSbu5s73xv4etr23dopreXVIEeN1JDKwL5Ugggg9CK/Of4z/Fnx542+J2pqyeHfEe2Z4bAWWl6fqyi23ny1SQxyPtO7oxB3MeBXhZnjfq9Jezk7t9EmfqnA3DCzjHS+vUU6cY3tKUqd/RqLbt8vU9F8aft+af438J6v4fu/h7cW9pqdrJaSy2/iBlkRXUqSuYCMgHuCD0IIJFZHwO/Y70D4/wDhG48SaF4w1DSLaO7a1ksb7TkmkgcIrlBIsgEgAkXDhVzz8ozge/8A7K/wVj8QfDt7v4m/DXw5Dqrzk2zzaHawzSwFQQZI1T5WyWGCFOAMjufpTw34Y0jwfpq6dommWmkWCEstrZQrDEpJySFUADJ5rloYCpjOWrjZcyttaz/A97M+K8Jw37bAcNUnQqc3vSU/awlbtzp/erPufIvhf/gm7pWi+JNN1HUfGNzqlhazLNLZQ2f2dptpyF80SEqMgZwM4zgqcEfYMekWoAGxuB/z0b/Grwpa9vD4SjhVy0Y2PyzN8+zLPpxqZlV53FWWiVvkkkUho9ru5Rv+/jf407+x7T/nm3/fxv8AGrS9c0+uw8Apf2Paf882/wC/jf40f2Pa/wBxv+/jf41dooAx9H0u2k0u0ZkbJiU/6xvT61b/ALHtP+ebf9/G/wAaNF/5BFn/ANcl/lV2gCl/Y9p/zzb/AL+N/jR/Y9p/zzb/AL+N/jV2igCl/Y9p/wA82/7+N/jR/Y9p/wA82/7+N/jV2igCl/Y9p/zzb/v43+NH9j2n/PNv+/jf41dooApf2Paf882/7+N/jR/Y9p/zzb/v43+NXaKAKX9j2n/PNv8Av43+NVNJ0u2k023ZkbOz/no3+NbFUtG/5Bdr/uCgA/se0/55t/38b/Gj+x7T/nm3/fxv8au0UAUv7HtP+ebf9/G/xo/se0/55t/38b/GrtFAFL+x7T/nm3/fxv8AGj+x7T/nm3/fxv8AGrtFAFL+x7T/AJ5t/wB/G/xo/se0/wCebf8Afxv8au0UAUv7HtP+ebf9/G/xo/se1HPltkf9NG/xq7SUAZGk6VbSaZasyNkxj/lo3+NW/wCx7T/nm3/fxv8AGjRf+QTZ/wDXJf5VdoApf2Paf882/wC/jf40f2Paf882/wC/jf41dooApf2Paf8APNv+/jf40f2Paf8APNv+/jf41dooApf2Paf882/7+N/jR/Y9p/zzb/v43+NXaKAKX9j2n/PNv+/jf40f2Paf882/7+N/jV2igCl/Y9r/AHG/7+N/jVPR9KtpNOgZkbOP77ev1rZqjov/ACC4Pp/WgBf7HtP+ebf9/G/xo/se0/55t/38b/GrtFAFL+x7T/nm3/fxv8aP7HtP+ebf9/G/xq7RQBS/se0/55t/38b/ABo/se0/55t/38b/ABq7RQBS/se0/wCebf8Afxv8aP7HtP8Anm3/AH8b/GrtFAFL+x7T/nm3/fxv8aP7HteyNn/ro3+NXaSgDH0nS7aSxRmRs5b+Nv7x96uf2Paf882/7+N/jSaN/wAg6P8A3n/9CNXqAKX9j2n/ADzb/v43+NH9j2n/ADzb/v43+NXaKAKX9j2n/PNv+/jf40f2Paf882/7+N/jV2igCl/Y9p/zzb/v43+NH9j2n/PNv+/jf41dooApf2Paf882/wC/jf40f2Paf882/wC/jf41dooApf2Pa9o2/wC/jf41T0jS7aTT4mZGzz/G3qfetmqOi/8AINh/4F/6EaAF/se0/wCebf8Afxv8aP7HtP8Anm3/AH8b/GrtFAFL+x7T/nm3/fxv8aP7HtP+ebf9/G/xq7RQBS/se0/55t/38b/Gj+x7T/nm3/fxv8au0UAUv7HtP+ebf9/G/wAaP7HtP+ebf9/G/wAau0UAUv7HtP8Anm3/AH8b/Gj+x7T/AJ5t/wB/G/xq7SUAUdFUR2Cqowod8f8Afbe9FO0n/jyH++//AKG1FAHJ/GL4K+Dfj34OPhbx3o51zQjcJdG0F3PbZkQHaS0Lo3G48ZxX59+NPg1+yX4Z8Xa1oWjfsv8AxW+IEekXb2FzrHg601S9sBcpxLCsxvly8bfKwxgEHrX6ducCvz/1bVvFejfEr4kW8P7TPhP9m23bxJdyQeDdV0vT7qWdG2kaiHvZlIFzzLtiHl5Zv499AH11+ztNpc3wd8OHRPDPirwdpEcUkVrofjRpzqdpGkjKqS+dNK4XAyilzhCgAAwB6RXAfAm4vbz4XaJNqHxD0/4q3bLJv8XaXbQW9vf/AL18FUgZohtGEO0nlCeCSK75qAForw3xRrmh6X+0A6afrFkviubwxfW/2aS+R5/tJe0e3hETsdhKhnWMAA5dscsTmfs7/wBhHxDpbeFTA1ufCsA15rXqdR8xdv2nv9o5uN28b8HnqKAPoNuled+JvH+l/C/4Pv4m1lpRp1jZo0iwJukYkhVVRkclmA5IHPJA5r0OQZWvkL9qjxx8TtG8GeGdE8FaA2pabqlrIuoSW+nHUmZQFAieMxsiqwZicqd2MAgA7uXE1vY0pT/S57uR5f8A2pmNLC8ySb1cpcqst9bO2nk/Q+d/gt+y34V+PVjrd54e+IF9p40qQefaanoKiVY2BKOWS5KsDtcdQcqflAIz6H4R/wCCd9j4oh+2W/xFeW2jl2SKNG8t8jBIz55xweuK92/Yx8K3/hz4RRSXngS18KatcTOlz5nmQT3ioxCyyI6FkOSwCE44JUBWAHuun2c2lw+RZ6ZY2sWd3lxTFVz9BHXiYbKsPUpwqVIe89Xq/wBWfp+deIGdYLGV8HgsS/ZxfLHSnLRaPVR18n+pL4Z0WPw3oOnaVDJJNDZW8dukkzbnYKoUFj3Jx1rVqgJdR/59bb/wJb/43S+dqP8Az623/gS3/wAbr6RJRVkfispSqSc5O7erL1FUfO1H/n1tv/Alv/jdHnaj/wA+tt/4Et/8bpkl6iqPnaj/AM+tt/4Et/8AG6PO1H/n1tv/AAJb/wCN0AXqKo+dqP8Az623/gS3/wAbpPO1Hj/Rbb/wJb/43QA7Rf8AkEWf/XJf5VdrF0iW/Gl2my1tynlLjNww4xx/BVzztR/59bb/AMCW/wDjdAF6iqPnaj/z623/AIEt/wDG6PO1H/n1tv8AwJb/AON0AXqKo+dqP/Prbf8AgS3/AMbo87Uf+fW2/wDAlv8A43QBeoqj52o/8+tt/wCBLf8AxujztR/59bb/AMCW/wDjdAF6iqPnaj/z623/AIEt/wDG6PO1H/n1tv8AwJb/AON0AXqpaN/yC7X/AHBTfO1H/n1tv/Alv/jdVNJlvxptuEtbcrs73DDv/uUAbVFUfO1H/n1tv/Alv/jdHnaj/wA+tt/4Et/8boAvUVR87Uf+fW2/8CW/+N0edqP/AD623/gS3/xugC9RVHztR/59bb/wJb/43R52o/8APrbf+BLf/G6AL1FUfO1H/n1tv/Alv/jdHnaj/wA+tt/4Et/8boAvUlUvO1H/AJ9bb/wJb/43SedqP/Prbf8AgS3/AMboAdov/IJs/wDrkv8AKrtYuky3w0212WtuU8sYzcMP/ZKuedqP/Prbf+BLf/G6AL1FUfO1H/n1tv8AwJb/AON0edqP/Prbf+BLf/G6AL1FUfO1H/n1tv8AwJb/AON0edqP/Prbf+BLf/G6AL1FUfO1H/n1tv8AwJb/AON0edqP/Prbf+BLf/G6AL1FUfO1H/n1tv8AwJb/AON0edqP/Prbf+BLf/G6AL1UdF/5BcH0/rR52o5H+i23/gS3/wAbqnpMt+NPg2W1uy7eCbhh3/3KANqiqPnaj/z623/gS3/xujztR/59bb/wJb/43QBeoqj52o/8+tt/4Et/8bo87Uf+fW2/8CW/+N0AXqKo+dqP/Prbf+BLf/G6PO1H/n1tv/Alv/jdAF6iqPnaj/z623/gS3/xujztR/59bb/wJb/43QBepKpedqP/AD623/gS3/xuk87Uf+fW2/8AAlv/AI3QAujf8g6P/ef/ANCNXqxdJlvxYpstrdly3JuGH8R/2KuedqP/AD623/gS3/xugC9RVHztR/59bb/wJb/43R52o/8APrbf+BLf/G6AL1FUfO1H/n1tv/Alv/jdHnaj/wA+tt/4Et/8boAvUVR87Uf+fW2/8CW/+N0edqP/AD623/gS3/xugC9RVHztR/59bb/wJb/43R52o/8APrbf+BLf/G6AL1UdF/5BsP8AwL/0I0nnaj/z623/AIEt/wDG6qaTNfjT4tlrblecZuGHc/7FAG1RVHztR/59bb/wJb/43R52o/8APrbf+BLf/G6AL1FUfO1H/n1tv/Alv/jdHnaj/wA+tt/4Et/8boAvUVR87Uf+fW2/8CW/+N0edqP/AD623/gS3/xugC9RVHztR/59bb/wJb/43R52o/8APrbf+BLf/G6AL1JVLztR/wCfW2/8CW/+N0edqPe1tv8AwJb/AON0ALpP/HkP99//AENqKbopY2C7gFbe+VByB8574FFAF2QZXnn2r4l+JnhnxNJ8QvEclr+wf4H8cW738zR+JbrXdDim1QFyftMiS25kDSZ3EOS2Sck9a+tPiZ43b4ceB9T8Rr4e13xUbBVf+yPDVmLu/uMuq4iiLLvI3biM5wpxk8V+afxe+K2g2uoa7428T3P7bHgPSLq7a4lWNotM0uyMr/JFEHYLGgJCqpJ7DJPUA/QX9mvVtL1z4NaBe6N4Y0PwXZP56nw/4ebNpYSrPIssP+ogxIsgcSDylw+8ZbG4+n145+yHqHhbVf2d/B174L0nxBpHhu5glmtY/FKgalPumkL3M5DsHaZy028HDCUEYBAHsdABRRRQAyQ4XnpX5e6t4S8K/GD9phbXRviJcafeXl3Hi8ms2IWeONNsdrMknz4ZWClvLC7VCF8gn9P7uQxW7uBkqCRXwv8Asg6Rb+OPjV4i1jXvhemi6nY7r2LV83aGK4cglJElkZDI6SBwVVMAE4w4x4mYw9tOlSaWsut+np+p+m8G4r+zcPmGPTknGnZcvJvLTVT3X+HU+57aMxxqvXaAM+tT1HGMNUle0fmfUKKKKYgooooAKKKKACiiigClov8AyCLP/rkv8qu1S0X/AJBFn/1yX+VXaACiiigAooooAKKKKACiiigAqlo3/ILtf9wVdqlo3/ILtf8AcFAF2iiigAooooAKKKKACiiigApKWkoAp6L/AMgmz/65L/KrtUtF/wCQTZ/9cl/lV2gAooooAKKKKACiiigAooooAKo6L/yC4Pp/Wr1UdF/5BcH0/rQBeooooAKKKKACiiigAooooAKSlpKAKWjf8g6P/ef/ANCNXqo6N/yDo/8Aef8A9CNXqACiiigAooooAKKKKACiiigAqjov/INh/wCBf+hGr1UdF/5BsP8AwL/0I0AXqKKKACiiigAooooAKKKKACkpaSgCnpP/AB5D/ff/ANDaijSf+PIf77/+htRQBxnx61Tx/o3wj8RXfwu0e117x6sSLpdjeyJHE7tIquxLui/KhdwCwBKgc5wfiTwT4V+PGl+IrHxb47/Zd1L4tePLVhNb654s+Jekyw2Eh8osbGyWIW9oPMhV1MaeYCT+8av0booA5T4X+IfEnirwTp2qeLvCTeBvEM4k+1aC2oxX5tSHZV/fxDY+5QrcdN2DyK6uiigBrdPSvO/gv8VW+LGhnU9ugwq1vbzi20jW/wC0J4DKpYx3K+TH5LjAG35skP028+hXAdoXETKshBCsylgD6kAjP5j61x3hfwTqll4vu/Emv6tZapqstjHp0f8AZunNZQpCsjSfMrzSszFm67gABwOSSAO+MmpWel/CvxVPfa6fDNt/Zs8Z1hclrQshVZFCkMzBiCqqclsAckV86/8ABPjwjN4d8K+JdUHiqy13S7+6jjht7OSbZbzRq3mlllVCrsHjzheQqnJ4r6h8a+DtH8f+Gb7QNesU1HSr1PLmt5CQGGQQQQQQQQCCCCCAQQRmuO+Bvwh8M/C7wDaaZolkVguCLueS6cyvLMyKrOd3TIVflXAGOlcFShKeJhVsrJPvf/I+rwuZ0cPkeJwCb9pUnB2tHltG/X4k79tD0dbiL/nqv/fQpftEX/PVP++hVZdKs8/8esB/7Zr/AIU/+y7P/n0g/wC/a/4V3nyhN9oi/wCeqf8AfQo+0Rf89U/76FQ/2XZ/8+kH/ftf8KP7Ls/+fSD/AL9r/hQBN9oi/wCeqf8AfQo+0Rf89U/76FQ/2XZ/8+kH/ftf8KP7Ls/+fSD/AL9r/hQBN9oi/wCeqf8AfQo+0Rf89U/76FQ/2XZ/8+kH/ftf8KP7Ls/+fSD/AL9r/hQBN9oi/wCeqf8AfQo+0Rf89V/76FQ/2XZ/8+kH/ftf8KP7Lsxz9kg/79r/AIUAQ6PcRf2TZ5lX/VL/ABD0q59oi/56p/30KztJ021fS7QtawljEucxj0+lW/7Ls/8An0g/79r/AIUATfaIv+eqf99Cj7RF/wA9U/76FQ/2XZ/8+kH/AH7X/Cj+y7P/AJ9IP+/a/wCFAE32iL/nqn/fQo+0Rf8APVP++hUP9l2f/PpB/wB+1/wo/suz/wCfSD/v2v8AhQBN9oi/56p/30KPtEX/AD1T/voVD/Zdn/z6Qf8Aftf8KP7Ls/8An0g/79r/AIUATfaIv+eqf99Cj7RF/wA9U/76FQ/2XZ/8+kH/AH7X/Cj+y7P/AJ9IP+/a/wCFAE32iL/nqn/fQqno9xF/Zdt+9X7g/iFTf2XZj/l0g/79r/hVTSdNtZNNty1rCTsGcxj/AAoA0ftEX/PVP++hR9oi/wCeqf8AfQqH+y7P/n0g/wC/a/4Uf2XZ/wDPpB/37X/CgCb7RF/z1T/voUfaIv8Anqn/AH0Kh/suz/59IP8Av2v+FH9l2f8Az6Qf9+1/woAm+0Rf89U/76FH2iL/AJ6p/wB9Cof7Ls/+fSD/AL9r/hR/Zdn/AM+kH/ftf8KAJvtEX/PVP++hR9oi/wCeqf8AfQqH+y7P/n0g/wC/a/4Uf2XZ/wDPpB/37X/CgCb7RF/z1T/voUfaIv8Anqn/AH0Kh/suz/59IP8Av2v+FH9l2Y/5dIP+/a/4UAQ6PcRf2XafvEH7pf4h6Vc+0Rf89U/76FZ2k6bavpdoWtYSfKXkxj0+lW/7Ls/+fSD/AL9r/hQBN9oi/wCeqf8AfQo+0Rf89U/76FQ/2XZ/8+kH/ftf8KP7Ls/+fSD/AL9r/hQBN9oi/wCeqf8AfQo+0Rf89U/76FQ/2XZ/8+kH/ftf8KP7Ls/+fSD/AL9r/hQBN9oi/wCeqf8AfQo+0Rf89U/76FQ/2XZ/8+kH/ftf8KP7Ls/+fSD/AL9r/hQBN9oi/wCeqf8AfQo+0Rf89U/76FQ/2XZ/8+kH/ftf8KP7Ls/+fSD/AL9r/hQBN9oi/wCeq/8AfQqlo1xH/ZkGZFHH94etT/2XZj/l0g/79r/hVPR9NtZNOgLWsLHHJMY9fpQBpfaIv+eqf99Cj7RF/wA9U/76FQ/2XZ/8+kH/AH7X/Cj+y7P/AJ9IP+/a/wCFAE32iL/nqn/fQo+0Rf8APVP++hUP9l2f/PpB/wB+1/wo/suz/wCfSD/v2v8AhQBN9oi/56p/30KPtEX/AD1T/voVD/Zdn/z6Qf8Aftf8KP7Ls/8An0g/79r/AIUATfaIv+eqf99Cj7RF/wA9U/76FQ/2XZ/8+kH/AH7X/Cj+y7P/AJ9IP+/a/wCFAE32iL/nqn/fQo+0Rf8APVf++hUP9l2f/PpB/wB+1/wo/suzH/LpB/37X/CgCHR54xp6ZkUfM38Q/vGrn2iL/nqn/fQrN0nTrWSxQtawlstkmMf3j7Vc/suz/wCfSD/v2v8AhQBN9oi/56p/30KPtEX/AD1T/voVD/Zdn/z6Qf8Aftf8KP7Ls/8An0g/79r/AIUATfaIv+eqf99Cj7RF/wA9U/76FQ/2XZ/8+kH/AH7X/Cj+y7P/AJ9IP+/a/wCFAE32iL/nqn/fQo+0Rf8APVP++hUP9l2f/PpB/wB+1/wo/suz/wCfSD/v2v8AhQBN9oi/56p/30KPtEX/AD1T/voVD/Zdn/z6Qf8Aftf8KP7Ls/8An0g/79r/AIUATfaIv+eq/wDfQqno9xH/AGbDmVf4v4h/eNTf2XZ/8+kH/ftf8Kp6RptrJp8Ra1hLc5zGPU+1AGl9oi/56p/30KPtEX/PVP8AvoVD/Zdn/wA+kH/ftf8ACj+y7P8A59IP+/a/4UATfaIv+eqf99Cj7RF/z1T/AL6FQ/2XZ/8APpB/37X/AAo/suz/AOfSD/v2v+FAE32iL/nqn/fQo+0Rf89U/wC+hUP9l2f/AD6Qf9+1/wAKP7Ls/wDn0g/79r/hQBN9oi/56p/30KPtEX/PVP8AvoVD/Zdn/wA+kH/ftf8ACj+y7P8A59IP+/a/4UATfaIv+eqf99Cj7RF/z1Q/8CFQ/wBl2f8Az6Qf9+1/wo/suzX/AJdIP+/a/wCFADNHO6xUjB+d+n++1FGjqqWKqoCqHfAAwB87UUAXqKKKACiiigAopr9PxrI0DxdoXiia8TRdb0/V3s38u5Sxu45zA5z8rhSSp4PBx0NAGxWT4R/5FnTP+uC/yrWrJ8I/8izpn/XBf5UAa9FFFABRRRQAUUUUAFFFFABRRRQBS0X/AJBFn/1yX+VXapaL/wAgiz/65L/KrtABRRRQAUUUUAFFFFABRRRQAVS0b/kF2v8AuCrtUtG/5Bdr/uCgC7RRRQAUUUUAFFFFABRRRQAUlLSUAU9F/wCQTZ/9cl/lV2qWi/8AIJs/+uS/yq7QAUUUUAFFFFABRRRQAUUUUAFUdF/5BcH0/rV6qOi/8guD6f1oAvUUUUAFFFFABRRRQAUUUUAFJS0lAFLRv+QdH/vP/wChGr1UdG/5B0f+8/8A6EavUAFFFFABRRRQAUUUUAFFFFABVHRf+QbD/wAC/wDQjV6qOi/8g2H/AIF/6EaAL1FFFABRRRQAUUUUAFFFFABSUtJQBT0n/jyH++//AKG1FGk/8eQ/33/9DaigC7RRRQAUUUUAZ/iC3ubvQtRgsnMV5JbyJBIrFSshQhSCOnOOa8g+CthcS694fni0LUNEttI8JQaPerf2MlqPtSyIRGm9R5oTZId6ZX951JPHt9FACN0rBsNL1jTbOG1hvrIwwqI08y1ctgdMkS+ntWtqV9baXp9xeXlxFaWdvG0s1xM4SOJFGWZmPAUAEknoBVbQNf0vxNpyaho2pWerafIWCXdjOs8TEEggOpIJBBB9OlAEXk65/wA/un/+Acn/AMdo8nXP+f3T/wDwDk/+O1r0UAZHk65/z+6f/wCAcn/x2jydc/5/dP8A/AOT/wCO1r0UAZHk65/z+6f/AOAcn/x2jydc/wCf3T//AADk/wDjta9FAGR5Ouf8/un/APgHJ/8AHaPJ1z/n90//AMA5P/jta9FAGR5Ouf8AP7p//gHJ/wDHaPJ1z/n90/8A8A5P/jta9MlZY4yzkKijJYnAA9c0AY1rY6za28UKXtgVjUKM2j9v+2v0qXydc/5/dP8A/AOT/wCO1Z0bV7LXtPhv9NvLfULCdd0N1ayrJFIPVWUkEf8A16vUAZHk65/z+6f/AOAcn/x2jydc/wCf3T//AADk/wDjta9FAGR5Ouf8/un/APgHJ/8AHaPJ1z/n90//AMA5P/jta9FAGR5Ouf8AP7p//gHJ/wDHaPJ1z/n90/8A8A5P/jta9FAGR5Ouf8/un/8AgHJ/8do8nXP+f3T/APwDk/8Ajta9FAGT5Ouf8/un/wDgJJ/8dqG1sdatbeOFb2wKou0ZtH/+O1p6lfW2mafcXl5cR2lpbxtLNcTOEjiRRlmZjwFABJJ6AVW8P+INL8T6amoaNqVnq2nyFgl3YzrPExBIIDqSCQQQfTpQBF5Ouf8AP7p//gHJ/wDHaPJ1z/n90/8A8A5P/jta9FAGR5Ouf8/un/8AgHJ/8do8nXP+f3T/APwDk/8Ajta9FAGR5Ouf8/un/wDgHJ/8do8nXP8An90//wAA5P8A47WvRQBkeTrn/P7p/wD4Byf/AB2jydc/5/dP/wDAOT/47WvRQBkeTrn/AD+6f/4Byf8Ax2jydc/5/dP/APAST/47WvVe/vrfTbKe8u547W0t0aWaeZwiRooyzMx4AABJJ7UAZdrY61a28cK3tgRGoUZtH/8AjtS+Trn/AD+6f/4Byf8Ax2pPD/iLS/FGni/0bU7PV7BmZVurC4SeJmBwRvUkEgjn0rToAyPJ1z/n90//AMA5P/jtHk65/wA/un/+Acn/AMdrXooAyPJ1z/n90/8A8A5P/jtHk65/z+6f/wCAcn/x2teigDI8nXP+f3T/APwDk/8AjtHk65/z+6f/AOAcn/x2teigDI8nXP8An90//wAA5P8A47R5Ouf8/un/APgHJ/8AHa16KAMjyNc/5/dP/wDAST/47UVrYa1awpEl7YFV6ZtH9c/89a2mzjjrVHRtc07XoZZtM1C11KGKVoHltZllVZFOGQlScMD1B5FAEHk65/z+6f8A+Acn/wAdo8nXP+f3T/8AwDk/+O1r0UAZHk65/wA/un/+Acn/AMdo8nXP+f3T/wDwDk/+O1r0UAZHk65/z+6f/wCAcn/x2jydc/5/dP8A/AOT/wCO1r0UAZHk65/z+6f/AOAcn/x2jydc/wCf3T//AADk/wDjta9FAGR5Ouf8/un/APgHJ/8AHaPJ1z/n90//AMBJP/jta9VNW1Sz0XTri+v7uCxsrdDJNc3MgjjjUdSzHgD3NAGda2GtWkKxJe2BVembR/XP/PWpfJ1z/n90/wD8A5P/AI7TvDvijRvFti17oWr2OtWSuYzc6fcpPGHABK7kJGQCOPcVq0AZHk65/wA/un/+Acn/AMdo8nXP+f3T/wDwDk/+O1r0UAZHk65/z+6f/wCAcn/x2jydc/5/dP8A/AOT/wCO1r0UAZHk65/z+6f/AOAcn/x2jydc/wCf3T//AADk/wDjta9FAGR5Ouf8/un/APgHJ/8AHaPJ1z/n90//AMA5P/jta9FAGR5Ouf8AP7p//gJJ/wDHaitbDWrSFYkvbAqvTNo/rn/nrW23Ssbwz4w0HxlBLcaBrena5bwsEkm027juFRsZ2sUJwcc4PrQA/wAnXP8An90//wAA5P8A47R5Ouf8/un/APgHJ/8AHa16KAMjydc/5/dP/wDAOT/47R5Ouf8AP7p//gHJ/wDHa16KAMjydc/5/dP/APAOT/47R5Ouf8/un/8AgHJ/8drXooAyPJ1z/n90/wD8A5P/AI7R5Ouf8/un/wDgHJ/8drXooAyPJ1z/AJ/dP/8AAOT/AOO0GDXMf8fun/8AgHJ/8drXqpq2q2Wh6fPfaleQafYwLvlurqVY4o19WZjgD3NAC6dbvaWqRyOsj8lmUEAkkk4HOOvrRWb4Z8a+HfGUc8nh/XtM1xIColbTbyO4EZIyAxQnBPPWigDcooooAKKKKACiiigDhfjZY3OofDy5W2sJ9V8m9sLqaxtkLyT28V5DLOiqASxMSSDaBk9Byai+FUMtxeeMdZWzutP0zWNY+1WUF7avaysi2tvC8rROFePfJFIcMoJGH/jrv6KACiiigAooooAKKKKACiiigArL8T/2f/YN7/a1kdR00xkXFoLN7zzU7r5KKzP/ALoU1qUUAecfs/zSN8MNNt5rPULC4tZJopYNRsZrSQEys4IWVFJBV1+YZGcjOQcej0UUAFFFFABRRRQAUUUUAFFFFAGB471K30bwlqV/c6Rda/FbRiX+zbK0N1NcMpBRUjAOW3bcemMnAGa5v4KIreH9RvZI7uLVNT1CTUNRjuNMubFI55FTKRLcRxs6KoRfMx85Vm4JKj0OigAooooAKKKKACiiigAooooAKwfHTQp4T1I3FreXkPlYaOwtVup1yQN8cTKwdl+8F2tnb91uh3qKAPNfgfa3VrpviN5or9re61iW4t9Q1azazvb9Wjj3TTQFU2EOHjGEjDLGp2DOW9KoooAKKKKACiiigAooooAKKKKAOe+IFnruoeDtUtfDM1vba3PF5VvPdSvEke4gMwdUcqwUsVO0gMFyCMiuL/Z/0PV/DeleJbDUtCttBto9YmNpBa3MsyGPao+UyRRlkG0BX/i5yBjn1WigAooooAKKKKACiiigAooooAK5r4kaTYa94F1nTtUe/j0+5gMUz6XA09yFPeNFRyzfRT9K6WigDgPhHqOu6haa02q3Wpahp0d9s0u81rTxYXs0HlRljJCIosASGQAmNSQOmMFu/oooAKKKKACiiigAooooAKKKKAOK+NOlahrnwn8VWGlxzTX1xp8sccNuAZJMjlFB4JYZGD1z36VnfB+81ef+3Le5udVvtBt5YU0q61vTF0+6K+UvmJ5Ihh/dqw+VjGucsMkAY9GooAKKKKACiiigAooooAKKKKACo7iQQwvIQxCgn5VLHp2A5P4VJRQBwvwl0u9XR7/X9WtZbPV/EN2+ozW9wpWW3iICW8DA8gpCkYI4+fecDJoruqKAGSZCEjqOa+MfCn7c/wASvFPwif4rW/wC+0fD2FLm5ur6x8YQS3kdtbyOk0i2z26btvludoYHAOK+zLj/AFL+uDj8q/Mr9m34I/GT4pfsJw2Xhb4tadovhjUYdUhTwvdeHAfOj+2XCywSXyzeYqSkPlkTcocgdM0AfpB4N8Wad488K6L4k0eVp9J1eyhv7SVlKloZUDoSD0yrDjtW1XjX7HnxI0r4rfs1+AfEOi6Mvh3Tm04WcekxyGRLU27NbtGjHlkDQnaSSSMZ5zXstABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFQX0L3NnNDHcSWkkiMi3EIUvESMblDArkdRuBHHIPSvju1+JuqfAH47/GzSG1vX/F2lW+h6Lf6Hoeq38t9PJqt08tulvbtIxZRNKsZKqQibiQFVTgA+y6K8q/Zu+GviT4a/DmCHxr4o1PxX4z1KRtR1i6vr+W4gguJPma3tUdisUEediqgAO3OBnA9VoAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAGSLuXHTNfKvhn/gn3ofhLwqnhXTfi58V7bwkDJu0KDXreC2ZJHaSSMmK2VwrszbtrAnceea+raKAPGPGn7Kfgbxf4F8BeD4UvvDnh3wTq1prGk2eizLEBLbbvLSQujllJdixGHYknfnmvZI2znjHtT6KACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAbJ93np7V8nfCzwroHxa/ba+K/wAQkae8h8Gx2Hhq0Bb/AET+0UimNzKFBwZIlnMIJ5XzJR/FX1i3b61keHPCWheE/wC0P7D0XTtFGoXT396NPtI4PtNy+N80mwDfI2BlzknAyeKANdadRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAf/Z)The Leiden algorithm improved the speed and quality of Louvain. It corrected an issue in which Louvain could create communities that were not internally connected ([Traag et al., 2019](#Traag_et_al_2019)). It also contains an optional alternate quality function called the Constant Potts Model (CPM) that avoids the resolution limit ([Traag et al., 2011](#Traag_et_al_2011)). In this version, the algorithm measures the quality of a partition not by comparing it against a null model, but by directly filtering out connections below a certain density threshold (the so-called constant, also called ). Like Louvain, Leiden is found in many of the most popular network packages.[[2]](#footnote-2) Due to its efficiency and accuracy, even with extremely large networks, Leiden is used exclusively in this paper as a community detection method for archaeological networks. Other community detection formulas can produce equally valid results, but these remain outside the focus of this study.

While resolution parameters were developed to give users more flexibility with which to explore their data, they lead to a bewildering set of choices. For any value of using either CPM or modularity, one can obtain numerous partitions. Modifying can produce any number of communities. But how can one determine which partition is the best representation of a particular set of data?

Partitions can be explored by iterating the algorithm at multiple values of and comparing the number of communities produced. As an example, Leiden was run 25 times, with 20 iterations per run, along 5000 intervals within the range that produces fewer than 40 communities – the number of fountains in the network (fig. 3). In the current case study, only communities containing one or more fountains are valid. Leiden efficiently completed these 125,000+ iterations in only a few hours. Observing a plot of the results, one might be tempted to view plateaus of a certain number of communities across a range of as evidence of a more robust community structure at these levels. Nonetheless, stochasticity often produces different numbers of communities even at the same . This method, however, does not reveal meaningful information about the actual partitions produced. Although there are multiple partitions of, for example, 36 communities, across a range of , it does not mean that these all represent the same 36 communities. There could be significant differences between the results, such as communities composed of vastly different units, that are not apparent without further exploration. Yet, with so many solutions, it is impossible to directly compare them.

The Convex Hull of Admissible Modularity Partitions (CHAMP)

Another algorithm, the Convex Hull of Admissible Modularity Partitions (CHAMP), available as a Python package, offers a method to significantly narrow down a subset of partitions that are potentially dominant ([Weir et al., 2017](#Weir_et_al_2017)).[[3]](#footnote-3) After Leiden has identified hypothetically optimal partitions on a network, CHAMP calculates the modularity score for each partition using a slightly modified equation (1) across a wide range of , regardless of the value at which it was originally identified. The result is a linear function of versus modularity for each partition (fig. 4). A convex hull of the intersections of these lines is used to identify the upper envelope boundary. This isolates the partitions that produce the greatest modularity score across a specific range of , which represent the best quality partition within that span.



**Figure 4** – A graphical representation of the CHAMP algorithm applied to the Closest Fountain to Door network. Leiden was run with 5000 intervals between 0 and 7 at 25 iterations each. Each solid orange line represents a single partition identified by Leiden (here reduced to 500 for clarity), but plotted as a linear function of modularity () versus . The convex hull of these lines (green dashed line) represents the upper envelope, that is, the partitions that produce the highest modularity score across a given range of . The blue triangles mark the intersection of the partition lines along the convex hull, which are the boundaries between optimal partitions, reduced to 61 from the initial 5000 results.

The pruned set of partitions can then be compared with respect to the width of the domain in which it is optimal and evaluated against the entire set of unique partitions using a pairwise Adjusted Mutual Information (AMI) heatmap. AMI represents the concordance of partitions to each other on scale of 0 (no alignment) to 1 (complete concordance). Using the heatmap, one can visually assess not only which partition has the widest domain of optimality, but also see how closely it relates to its neighbours in the space. This presents a more manageable and powerful method of directly comparing partitions than relying upon the number of communities alone. Importantly, it also eliminates from consideration the vast majority of sub-optimal partitions that result from stochasticity and improper selection for a given set of data.

Results and Discussion

This section presents the results of applying CHAMP across the three Pompeian fountain neighbourhoods to illustrate its utility in choosing partitions. It also offers some preliminary interpretations as they relate to defining urban neighbourhoods in Pompeii. At the time of analysis, CHAMP was unable to correctly work with CPM, so modularity alone was used. As a heuristic for exploring network data, modularity is likely more appropriate as the null model uses the network structure to identify clusters rather than an arbitrary density imposed by the user. The script was also slightly modified to correct minor errors and meet the requirements of this study.[[4]](#footnote-4) CHAMP was run on each of the three networks twice - once with 1000 intervals and again with 5000 intervals - to test its reproducibility. The results were far more consistent than a typical Leiden run, with each iteration producing the same top partitions almost each time.

Closest Fountain to Door Network

A graph and diagram of a graph

Description automatically generated

**Figure 5** – Closest Fountain to Door Network. Results of CHAMP using Leiden algorithm with modularity. 5000 intervals between 0 and 7 at 25 iterations each. **A)** Pairwise adjusted mutual information (AMI) of the subset of partitions identified by CHAMP. Dashed lines represent transitions between ranges of . The widest domain (no. 1: 6.04 - 6.79, 39 neighbourhoods) and second widest domain (no. 2: 3.95 - 4.47, 34 neighbourhoods) are outlined in white. **B)** Modularity versus . Grey upward triangles represent a random sampling of 2000 partitions plotted against their number of communities, while the solid pink stepped line shows the number of communities in the optimal partition for the range of . The dashed green line is the convex hull. Blue downward triangles show the transition points between various ranges of . The grey zones between the dotted lines identify the widest domains (no. 1: 39 neighbourhoods, no. 2: 34 neighbourhoods).

With the network formed by the closest fountain to each unit door, CHAMP pruned 196 unique partitions down to 61, but this still represents a rather volatile community structure (fig. 5). The widest domains are mainly found in higher values, with 34 or more communities. This is expected since the network exhibits a modular topology with few interconnections between clusters. Many partitions, however, are remarkably similar, as indicated by the uniformity of dark blue in the AMI matrix. In fact, all the optimal partitions between 3.9 and 7 have AMI scores > 0.9. The widest domain in both CHAMP runs was a partition of 39 communities. This partition, however, contains three singleton communities - single housing units defined as whole neighbourhoods. For the purposes of this study, this partition must be rejected, underlining the importance of closely inspecting the output of the algorithm within the parameters of specific research questions.

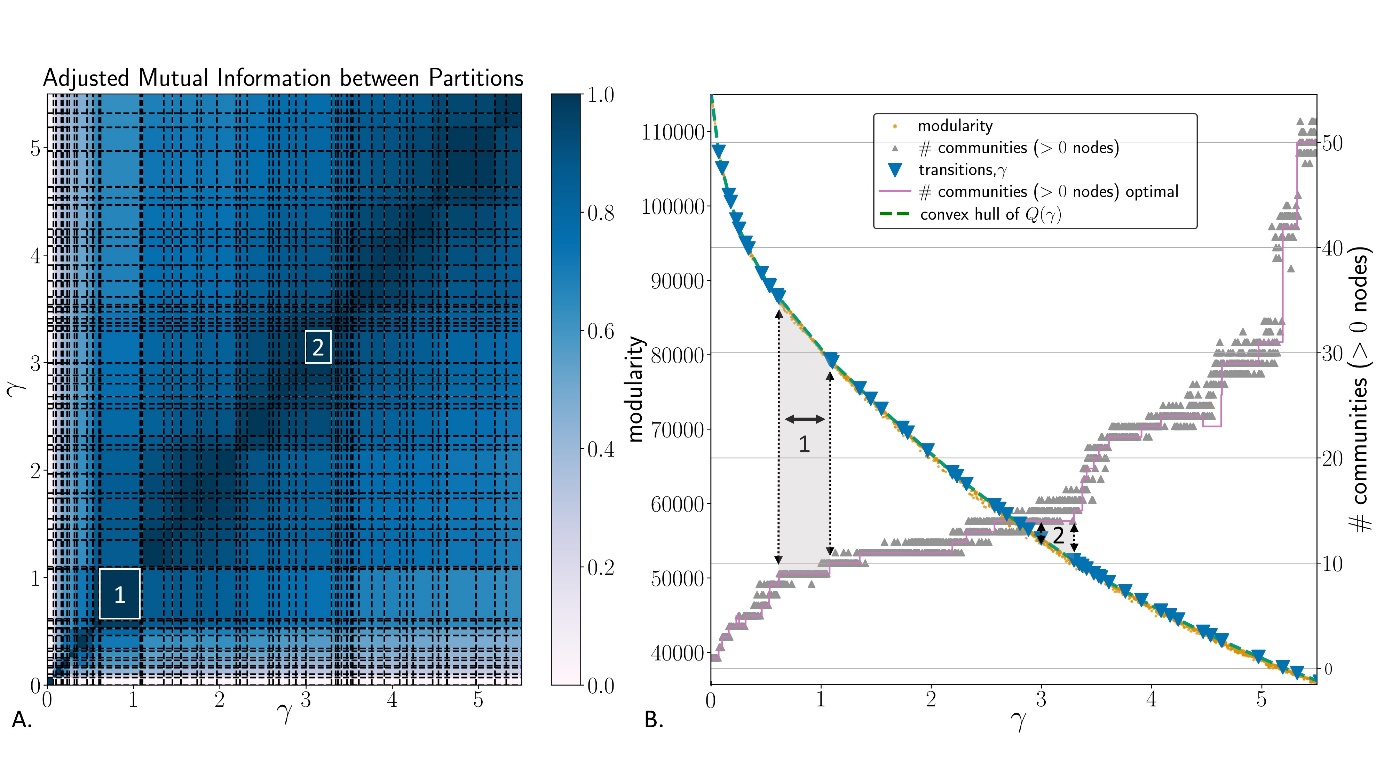
A map of a fountain

Description automatically generated

**Figure 6** – Closest Fountain to Door Network. Partition into 34 neighbourhoods as identified by the second widest domain output by CHAMP. Colours represent neighbourhoods as partitioned by CHAMP. Dashed lines outline zones defined by the single closest fountain to each unit in the spatial network.

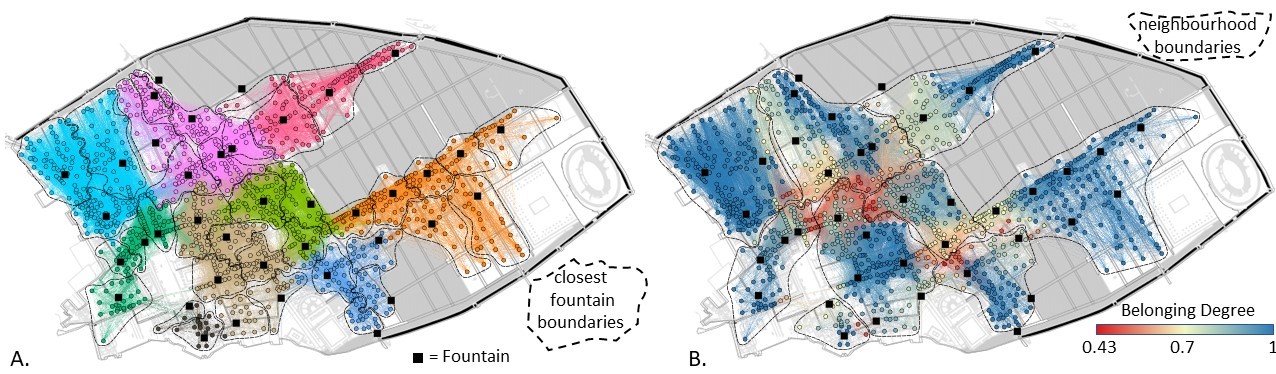
The next widest domain is a partition into 34 neighbourhoods. Mapping this partition in topographical space and colouring each node by its community permits a visual inspection of the neighbourhoods’ spatial characteristics (fig. 6). Dotted lines indicate the boundaries of the closest fountain in the *spatial* network, that is, the single closest fountain in terms of walking time from any external door belonging to a unit, allowing comparison between the two. The detected neighbourhoods largely mirror the closest fountain to each unit in the spatial network, except for 6 communities formed by pairs of adjoining fountain users in the spatial network (e.g., the light blue neighbourhood near the Vesuvian gate). Interestingly, these neighbourhoods must share enough interconnection to constitute single communities, defying the overall pattern. Nonetheless, these results affirm an insular network structure in which a tiny number of units formed vital interconnections between small, tightly clustered neighbourhoods.

30 Second Network



**Figure 7** – 30 Second Network. Results of CHAMP using Leiden algorithm with modularity. 5000 intervals between 0 and 5.5 at 25 iterations each. **A)** AMI of the subset of partitions identified by CHAMP. The widest domain (no. 1: 0.62 – 1.08, 9 neighbourhoods) and third widest domain (no. 2: 3.0 – 3.3, 14 neighbourhoods) are outlined in white. **B)** Modularity versus . Grey upward triangles represent a random sampling of 2000 partitions plotted against their number of communities, while the solid pink stepped line shows the number of communities in the optimal partition for the range of . The dashed green line is the convex hull. Blue downward triangles show the transition points between various ranges of . The grey zones between the dotted lines identify the widest domains (no. 1: 9 neighbourhoods, no. 2: 14 neighbourhoods).

The 30 second network, with almost double the number of edges, represents a much more interconnected city, and this is reflected in the CHAMP results (fig. 7). The algorithm pruned more than 2400 unique partitions down to 57. A 9-neighbourhood partition, clearly delineated in the AMI heatmap, was returned as the widest domain twice. However, also visible in the matrix are at least four other “scales” of smaller communities at larger ranges of . These are represented by larger dark blue rectangles in the AMI plot that cross several dashed transitions. These might represent sub-divisions of the 9 neighbourhoods, or another kind of grouping altogether, a topic further explored below. Comparing the 9-neighbourhood map to the closest fountain divisions, we can see these communities combine users of several fountains, but near the interfaces some units are grouped with more distant fountains (fig. 8a). These internal community characteristics can be intuitively measured using belonging degree ([Poorthuis, 2018](#Poorthuis_2018)) (fig. 8b). This is the fraction of a node’s intra-community weight over its total weight. Nodes with a belonging degree of 1 only share ties with other community members, while those with lower values share ties with nodes in other neighbourhoods. Not surprisingly, nodes with the lowest belonging degree are found in the centre of the city, adjacent to neighbourhood boundaries. Nodes with low levels of belonging are likely those whose community membership might shift stochastically with each iteration of most community detection algorithms. The hearts of the neighbourhoods though are far more stable.



**Figure 8** – 30 Second Network. Partition into 9 neighbourhoods as identified by the widest domain identified by CHAMP. **A)** Colours represent neighbourhoods as partitioned by CHAMP. Dashed lines outline zones defined by the single closest fountain to each unit in the spatial network. **B)** Colour ramp represents each node’s belonging degree. Dashed lines outline the neighbourhood boundaries as partitioned by CHAMP.

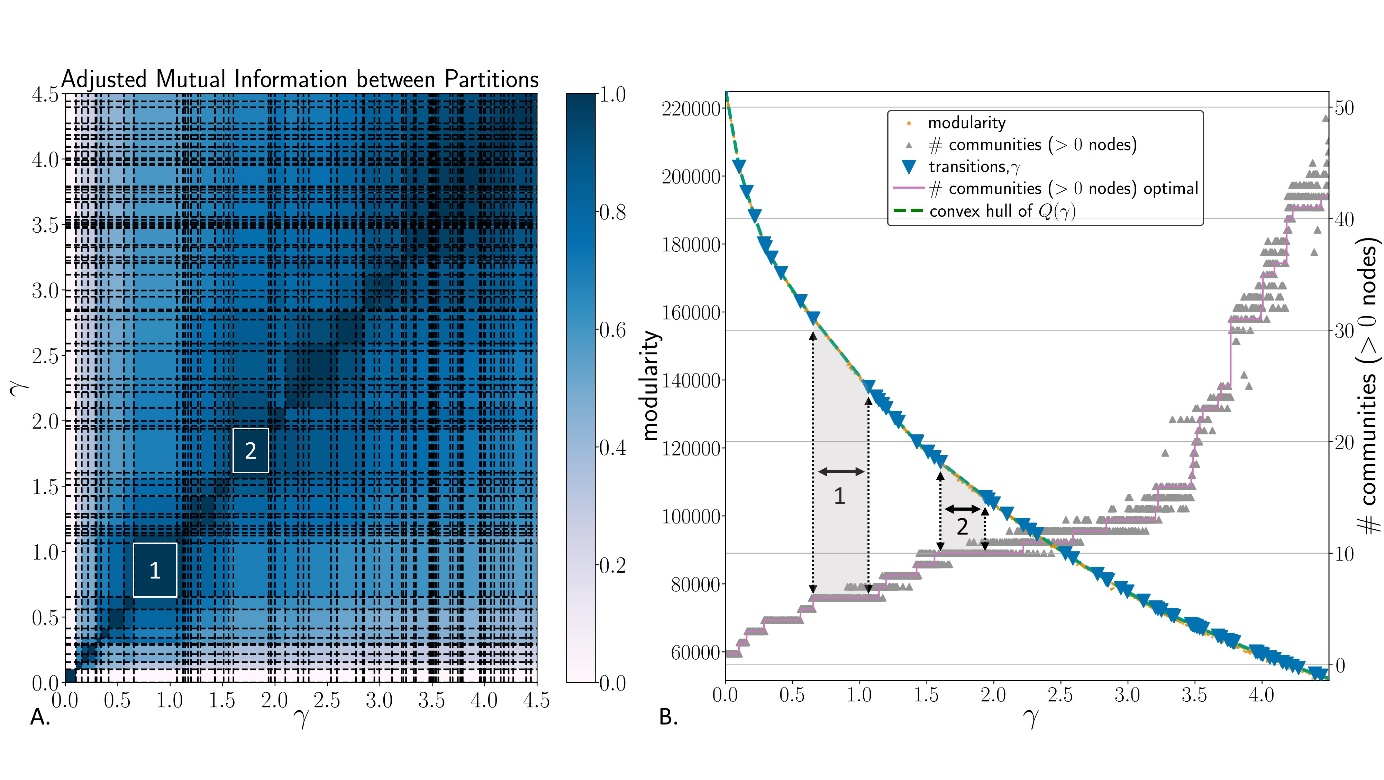
The second widest domain returned by CHAMP, with 29 neighbourhoods, was rejected due to singleton communities, but the third widest consists of 14 communities. A contingency table allows us to assess whether these represent smaller subdivisions of the 9-neighbourhood partition (table 2).

**Table 2 –** Contingency table. 30 second network. Widest domain (9 neighbourhoods, lettered) compared with third widest domain (14 neighbourhoods, numbered).

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | All |
| A | 0 | 129 | 0 | 0 | 0 | 0 | 81 | 0 | 5 | 0 | 0 | 0 | 0 | 15 | 230 |
| B | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 77 | 0 | 0 | 69 | 0 | 0 | 39 | 190 |
| C | 0 | 0 | 125 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 59 | 0 | 188 |
| D | 134 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 0 | 0 | 0 | 0 | 170 |
| E | 0 | 0 | 0 | 0 | 106 | 0 | 0 | 0 | 0 | 37 | 0 | 0 | 0 | 0 | 143 |
| F | 0 | 0 | 0 | 109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 109 |
| G | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 66 | 0 | 0 | 37 | 0 | 0 | 103 |
| H | 0 | 0 | 0 | 0 | 0 | 93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 93 |
| I | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 0 | 0 | 23 |
| All | 134 | 129 | 125 | 114 | 106 | 93 | 81 | 77 | 75 | 73 | 69 | 60 | 59 | 54 | 1249 |

Some of the 14 districts are equal subdivisions of larger communities. Neighbourhoods 3 and 13 in the 14-neighbourhood partition, for example, mostly bisect neighbourhood C in the 9-district partition. However, other small communities cut across larger ones, taking nodes out of two or three, often those with low belonging degrees. For instance, number 9 in the 14-neighbourhood partition draws in units from neighbourhoods A, C and G, while community 10 is evenly split between neighbourhoods D and E. In terms of Pompeian neighbourhood structures, this might suggest that at smaller scales, the composition of communities would have cut across larger neighbourhood boundaries, rather than forming clean subdivisions of these greater social districts.

One Minute Network



**Figure 9** – One Minute Network. Results of CHAMP using Leiden algorithm with modularity. 5000 intervals between 0 and 4.5 at 25 iterations each. **A)** AMI of the subset of partitions identified by CHAMP. The widest domain (no. 1: 0.65 – 1.06, 6 neighbourhoods) and second widest domain (no. 2: 1.6 – 1.94, 10 neighbourhoods) are outlined in white. **B)** Modularity versus . Grey upward triangles represent a random sampling of 2000 partitions plotted against their number of communities, while the solid pink stepped line shows the number of communities in the optimal partition for the range of . The dashed green line is the convex hull. Blue downward triangles show the transition points between various ranges of . The grey zones between the dotted lines identify the widest domains (no. 1: 6 neighbourhoods, no. 2: 10 neighbourhoods).

The one minute network is the densest and most complex of the three. This suffered from a great deal of stochasticity running Leiden independently, but CHAMP returned 73 partitions out of over 1800 unique results. The widest domain is a clearly delineated partition of 6 communities (fig. 9). One would anticipate a greater degree of integration across the city with the longer time threshold, and these results confirm that hypothesis. These 6 divisions largely reflect the topographical divide formed by the forum and the Via del Vesuvio / Stabiana corridor, which bisects the city north to south (fig 10a). The orange neighbourhood, however, constitutes an important bridge connecting east and west. In terms of belonging degree, the lowest scoring units are as usual found near the edges, but the centre of the city again represents the area with the lowest community cohesiveness (fig 10b). Nonetheless, the preponderance of blue nodes (100% belonging) indicates these are durable neighbourhoods in which individuals were unlikely to cross paths with outsiders.

![A drawing of a map

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4SnkRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjA3OjI1IDExOjU0OjU5AAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAMwMAAAkpIAAgAAAAMwMAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowNzoyNSAxMTo1NDo0NAAyMDIzOjA3OjI1IDExOjU0OjQ0AAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAGDgAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgASgEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A9/ooAKKAK13qNnYjNzcxxE8gM3J+g61jXHigs2ywspJT/wA9Zz5afgPvH8h9aAKA1XWizFruAHOQqwcAfiad/besqP8AWWbDHVom/wDihQBIviLVVCn7NZzE9tzRg/j838qmTxdsH+l6VdJjq8LpIg/Mhv8Ax2gC4nibTZFDrK4UjPzRMP6VcsdY03UsiyvoJ2HVUcFh9R1FAF2igAooAKKACigDPu9b06yYpLcqZB/yzj+dvyHNZE/iW8uCy2NmIV7S3J5+oQdvqR9KAKianrSoN19EzDg5gAFP/tzWk6yWRx6wt/8AFUASDxHq0fWytJgBz+9aM/yap4/GEQZVu9NvIM8bhskX/wAdbd+lAFs+JtNRN8s7RoOrPGwx+laFnqNlqMXmWV3DcJ3MThsflQBn37aktwwtZYhsy58x8DaQAP4ccEGq8TeIfleR7QLjlGYZBHqR60AOX+1SFczWzthCAZ2AwCST8uB6dulWrUXyzqt1Kd7Odqqw/wBWADkjHXJxx6igDVooAgu7y3sovMnkCg8AdSx9AO9cjqnipAWje7NlHyTj7wHfLD7v4fnUymoq7KjFy2K1otq8KTwbZEnUSLL1MgIyDk8njvVjpwenY1RJHLMsSFnP3ec1TOrWZZ1WXzGQ8hf4T6Um0jajQqVnaCKl34kt7ZCRGxPUAnn8qpLHqfiK3kE7PZW0mVHlthvqD2PvSvfY7ZYNYaPtK3yRvWtlHaxqAWZtoQszZPHSkubC0uipuII3ZTwxX5lPqD1H4GqPNk23dlu2n1Gyj229/Myjoly3m4H1PzfrWpB4mkiIW/s2x/z1t/mH4r1H4bqBG5a3cF7brPbSCSNuARU1ABRQBQv9VtrHKMfMmIyIl6/j6D61yOqa6k0i297fNErlU8iMkBix4yQMkfp7U0m9hNpbkkUMUSBI40jA6BBinE4+8QpHekMaz4PTJPB4zUTzqh5GSO7Hgj9aFq7CbSV2ZV/4jt7LCKTNcHhYoxyfYn/61UoNP1fWHinvpjaRIwdYIW5b2Y9x7fyrdQUI80jD2jqS5Y7HSxwLGhUMzEnduZjk1Xl02zmnE3khZ/4ZoiY5B7b1ww/OsDoLMp1BrbyftrSqAQPPXeRkY6jB6E96IJbBDi+s5LbaGAljLSRgHp3yMfT8aAN6Pw3pktuhQBozl42VieGUDIOfYEVrxQ+WSzOzuerN/T2oAlrD1HxFDCDHZtHJJnb5jN8in0/2j7D86ErgcvqF47POzNK10AB5pOCR/s4PAz26Vxeoxm4hZBPJE27Ekg5P15yKyzGg40FPqj0sHTS36l/TvEclj5kV8Wa3DKEdz8wznAraPiKJWVWhOGbbkkY/E9q82jmFoJT3KqYG8vdKE01rp9nHZ2pWOJU2hBIX2D0yefzrn4pYXjFxbMGiXIby+dw6dfWumNTnldHqYCl7OBs6TpMf2maeR3KyEMd2WVOOAPQd661USJAin5B8v/1664HnZtUvNQT2FAL57dj70YAzn6H3FWeQRzXkVsmJDluiqOrVftbcyMv2gBFIBwGGf1xQLmV7F23aPS7mKaA50+8IDZ/gc9G/Hp+Vb9AxksscETSyuqRqMszHAFc9fa+87iGykWGM9ZnI3H/dU9vc/lTSb2E2luc9FqFrcbkhM6OZSjs2QzH35PX3rH1nTJrpbW6tnlintXIbym+/wcdunfr3pO9KqrmXOqkHYjtfEU9m62mpfLKclJNhIIHJyRwDWt9qtNXjaxuoIp45V+ZHbap59QfbNbTpr4o7EQrdHuT3mpWmnC5kupVCooIbkjaPTHfrxTLiOHULIXAUEkDCKOPz9q4udqomjolC9NtmXo2hwWUcce925O1pMszH/ePPTiuj4UAL9VA/lXZVldmNCNoihS6k5x3xScAf3Qf0NZG4z7bGZ44AGaVj91R09/pWpa21uT/pZK8gbcg9foafKxXRf09v7NvDpbjEDDdat2x3T8O34+lbFIZzXimW7htwwlYW/Uxpxv8AZj6e1cRqF+l2uzCiMrtdQOF7g/Xk13YSmn7zOihBPUpLdEQqrNlo8o3qVHT/AD703c1xFL9ieGRpI/3Rc5Qn3x/StMdTU6DR203Z6FKa3xctswpChZMcDHas+4vmsxGEja5LMcoOi8jPJ471+f1IXny7HpKVlcuyxlR5y5bcPmXkH/6//wCqrlnCt2Vii2urDp6D/GujAVG3yjqYlUdWdVp1kLOzjhJLFe7djV3HOW57GvpVsfN1ajqTcn1EeZIfmkcLjqSe3rXO6h4pSW5Sz00M80oPlyqmU465/OmctaryLTck0PQHa9hvb8tLeQk4YynGD19j247ZrvbW33ojBg5DHauMZHv7UCpJ21Ld2ElgeKWJZISNjIR8tR6TcuRJZTsWnt8YZuskZ+63v6H3FBucv4xv7nTP38zNOFxsiIxGAeCeO/1rzPUdcmvr3zt5DcbSpwFPcD24HFejg6Sa5mebjarT5EOh14W94tzLIEjLKZSTjB6ZNeiEtdW0VxbzRoFdfOBBOU7gYxznBrlzGFmmXgZc10Yeu6fmCVS20ucnthh/k1gadeTi9is4LZ5IHYJ5zv047euPwpUp81KxU6dqh0F3iE+SQXZBnkEjIOfw/wDr1o2lxJcRHanPr0wf5V5z1mj1407UW2aCR4IwAMD5fb/PrUmABnoDzk9jXWcq0IZr2K3jMryIkY+8zHAWuan1y41m8kstLjkj2HDTOMBwehU84PvjNb0afM7vY561Xl92O5u6HoMWmyTXRUedcKvmTbyxlxnHU9R+ua7K2g2uj5VmVfm4wo9/c1NR66F0o6ajb6M3MYU/K+d0cp6oQeDVnTbxryzV5U8udDsmjz91x1x7dx7EVkak11AlzbPFIPlI9K8z8ReHTb30c8MjxwodzoBw6noM/rXVhZ2nyvqbUZWlYwUmiaWWQCXcCu5QQcccnGaBPZ28YjijVAmAAgwMewHSvRqWcGdqauVr6EtjZP5Z3Fn2/MWHp04BqtGyBNwiwpHzAjJB7fnXw2IwNWbbijeeNpUZWkxjyBJViuJAGc/IAwAOO2e9XdKuzaXguZ2Hlq2GyAMgmuSCeHkpS6M8PHZhz1rR2O/iljliVkYNGwypHpWPq/ia10tJI/NdnCjesMYdiM8YFfRyrQjBSvuTOooxucJqmrX+pXPk3NyViJ48rvjsaXTpFtp3nEzpGg+bapyPf1/CtIy5lc8mVRzldnp2gJDqFlC7jcswEiNyPzHYkY4/wrtYraOJAq8HsfSqPVpfCM37HOVPXIA/UVn37JFd2UsRC3KykJH/ABPGcbhj07+nAoNS7qun2+o2bQ3CBlYYwenPrXhnifwrJoWpTXETTNbH5VDdAf8APGfau3B1LS5WcONp3jzIxoWjyCBnJ6E5Fdvo+pRz2bRPE3PIGckkH1rbHwUqdzlwc3GZNry29y8dwblsBNiW6NlXbPceo/qaq2MulxRLKXhWQKCrd1OOfw6V4LryhHlR9DTwftY8z3D+1bTU9Ue1Cs0oUEBWxvznH4cGrdnLDo97FbzSKqSZQKxGcgDn3Peoopuob13yUlF9TpDIu3lhnqD61RudUPmQW4hkaOV9ocAbY2xwW9uMcZ5NdkpWR5zOf1nTzd3H2mWeYvCDtQMVVvfb6+/Ws7T7xdOljbYziRwFUKSMnjBx25616GHlenY86r/ETPUNPtoZfs+ApC4C9+K6HylVcKMnv7+tck9zvhsQq4AKspYEYPuOxqjbnGug27hi0Wy7ReQCPusT0B6jHUg+1QWbVVruzjurOS3KqFcc8U07O4Hj2saPLpWoI1q5jjEmWG0bSMfT1Pas24nhtVjlZmVthXagzuGOcDqTxXrwkpQud8XeNxUkuHsgLeHy98TEb06H1Pc9Rx7VR+0SfZ0tnlRmcBC3KgsRn+laU6aT5raM+Tz2svaKMN0iwIWup44dkfmk5Tr346npTDC8LfZrqKOWMnIVwDjnPU18rnuAlCp7SPU4sHilOFiVL2/kspbZJ5YImzgpwR9D2NNQW0d1sWRXlaPI3k7mx3/OvCU5tqnukek5uaSHyaVeC1aeOAeezZAkJAwMc5H+FOksPJi3PFhsbnU8V9PS+FXJlTcdzotDvZbRl+cFGIzIwyQOdp4/z1r0+1uBJAGcYccMuehrQ9DCyvGxQl1N7m8a0sYRM/SRySEj9yR39upq5YaZFZM8pYzXMn+smcckdgPQD0FB1F4gEYIyDWXrulQ6rpzwyrkbSMAdc04tp3QpJSVmfPup6Fc6Vq00S7vKOVAYYUjJwemant7/AMq4WCzNw0isrPGozsGeG69OterUtKnc8eCcaljp737VeRWk8UiRQIyyMRGOV+nrWbfXMP25UwzfJu8vYQjAHGM9M+1fPqg5SsfS0sZyR+Rv6VaWk8wltIkjkCb2jzymTnj8e1LqE9qzPC7RvcxDjIAcZwAeelFKDhU5WYYmo6sedGRO1w8tujyyxQxuG8qM7dxHqR1HXitGPWrYI8Eb/wCkRPgAKcBsZxn6YrtrUk4XOKjNynZktxBfXUsOwoEc/vlIOcEdv/r1Qu9OEahkXbswqHup9D+n610YWXKrGOKhrdHSeHdQnjkW2bGD80WRzuHVc/56e9d79rhW38/cNpGcmsq6tM3w7vAzYbi41jetupgtM8XP8Tf7n+J4+vbVtbWGzgEMCbUHPXJJ7kk8kn1NYm5NSHpQBzXiq2jmtwx271BIU9CcdT7V5tpVhJPqkC3So8yNmTavyoSP4c816GGm+Sz6HTSfune6r4VtpNH8uBTG6gybgevHQ15ldwNpupm2E0TzFcmPGMjOPwrqwNVzTT6M+Oz+l+9VTuiuLm5zEyxqCD+9fdyuOn1+lPaFblY5ZlMjq/mRO3B6EdPxNZZwlLDS5tDysEnGouV3FjkaWKRQv71ch2IKg47Ct3Ro0kljkS0LkqQJHxnPX8q+Bw0H7ZI+npR95I6tUCRJGwG5VGMVG2k296Sjx/eXaCo5Az/KvqLHpTgpIdDocWmWiG4mQRoGUFycsuc8j/OOfWrFjBfXEZsbQPFahAS+8byOcKCeQOMbsHpwD1pip01A04pL2zjKQ6dcLtztEZBHOM5z1Pv9fx1LQ3cyu8heH5+EkAJxn1GKDUswO7b0k5ZGwWAwDxnjn3qQ/r2oA858eafHeJO0DKtyOEYjI5xkYz3PQ1zPgvSlubsmdRICduWPLEHj8K7YSaou5wVIJ1lY7jX/AA3D9kUwhIlhUgADA568fgK8sur8RzzW0LCTym2nPQHH9OKjDpSHiG4O6JNJ1DUE1LznYJbuNisuR169unStkwLLcS3NsiGVIyryIoLtg5AB6nnNYYmHJVUjow0uei4Gc96LxQ7RNEQQ+xlw49cjsf8A69dLocKPGhiiRVyDvI56D09s10VF+7Oei/3ljddVbqPmHUjt71IdLh1G2lSWLLkfOyp1PGCR3/8ArVzRlZ3OycVJWC8srKJvKIzJIVKohyd/qvXpjp9K1rLSri9CTai5WEMWS1Q4B93Pf6dPrRKTkKMFE6AAAYAwBRUlhUNxKYkXAzk4oA5jXYhPaStGR9oKkLuXeQcHBx356isGwtdSYRvcQrDOoVyzYG5u52j/ABrqpTUY6mqlaDsbOr63Pa2G0W/2h9wVkMvlgKepyfT04zXGrb2jq12k0QfDb2wSTjn7x611YW8LtHzeaJVXGEvMIbRRvDbWLOvCgfLnv7DpXWaB4WgttJhFykc8rjLyBMBj64ycfSox8+ePK9jLKsJHncpIzvEnhaKDTpZbZnBAz1yR9T14rndGF/IfKtMrcR8KSm4SYYAjj2718rOh7LEpx6nrunyVFY7NyI1LP8rLycnp9aSzu7iWdTpsMlw+eGQfIPcseMfmfavZO03bPw+POF1qcv2q4zuC4/dofp3PufwxVq6vY7K9k8xZCrxJjyxk/wAeTgc+nPuKAMjdbRwLGt1qxRY8BQGGB06+wq3p15bW8p3T37BgWL3CMFAPPOeBjB/OgDXtVxGzlSGd2JJUAnnA/QD8KivJ2R/LG3BXPJ/z/nNAHFeKrS4u036WXNwHEnydGOeVJJwAQfw68VHpGj3unRCe5KRXCnmKPLZH5AZ61vz2p2MPZ3qXJvEOo3TqsbxW72flt9oMzNuBwMbcAg8Zzn2rlru10+BIngdd0xCqMBRv6cdAeOg9quhJx1MsQlJ2JotITUrBLZHaLL4eRRnbyM4z7V6DHoFlb2626W6oqjgqMH86zru8tTTDxtE4fxr4eFrCLqFDlWzuReMe4/z1qDw1Z383l3MTMsIkPnx4HTbxnuD16da25k6GpnyuNfQ6WWeKEqGYAngL6/Qd6s2cWozuUgBtYmXDTzHZkf7K9T+OB71xnak3sT6V5mnNkaXvnZSHneYbm6YA9B14H/69CHXbh8F9OaNTMI+ZBkAnlunQf4UroGmtxBrd4GVH00lmGciUAdOR/wDrrRsr03MW6WIQPnAQuCT71VmTdDkvreS+lslkHnxKGZfY/wCf1FSywpNt3jIXkCkMzby2MM4a3jjG8DdkemfT61aS3Vo9qr8pGCzdTn2p3GZk/hy2wh2GTYCBuYnr/X3rndO8EPPavBeEMu5tyug2EE9NvOeOvUcVvCvKMWjir4SNWal1OhXwxCYhG/CgYAQ7QMdMYHatOO2kggSJTuVVxweaynUlPc2pUIUvhIbgySwGBbV3OccjArDi8HTpfJdpqEkOE2eUuGAz1bJ5zgAelZOCbTfQ1aTdy/J4TtHtZh5ssl20bCK4uMSCJyOHEZ+TIPPSrtrpt5Fp1vBNqkss8SANMI1TewBGSoGOc9OnFUMP7Pv/AJf+JtLkf9Mk5/SrEVpNHaLG908syElZWGPoCBjIoAkMDyAiSd8HOQny8EY6jn34NC2kSspzKcHIDSsw6Y7n/PXrQAy4v4LW6t7eUkSXBITA44xnPp1FTNDGz7mXcffpQBnS2r/b1ZRmMMSU2ZyT0NWZLI3EbRzP8jdVAFO4GRrPh0XWm3UFthJZYtivtB2nHHBB5qnp/guCKNGkO11bPJyW9CfT6e9VGbirIzlTUndmvH4dtUVepYdCzFiOnc/QVeeGUZP3+/oaltvctJLYp3lrPqSLG9uipwS0h7/QVnWfgq0s5JNlzcLHKdzoj4x0GF7qvHQY5zRd2sFle5tWWk2GnA/ZbZEZvvSH5nb6sck/iawdV8PnW7+C6vdN3SIPKLLPgBN2RwD6Fqlq6sa06kqcuaJoQeFNLt/9Ukox/wBNCaetjOs7wrERbgrtcsDkc7vf0qfZoKlSU9x8vh6wn/1glP8AwOqR8JabbTw3dtbyPcRSKy5lOOoyevpmto1HFWRzOlFu5v8AlR+YJPLTeOjbefzp9QahRQAUUAFFABRQAUUAFFABRQBHJBDMytLEjlPullBx9KkoAKKACigAooAKKACigAooAKKAP//Z/+Ex5Gh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRvclRvb2w+V2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NDwveG1wOkNyZWF0b3JUb29sPjx4bXA6Q3JlYXRlRGF0ZT4yMDIzLTA3LTI1VDExOjU0OjQ0PC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICA8P3hwYWNrZXQgZW5kPSd3Jz8+/9sAQwADAgIDAgIDAwMDBAMDBAUIBQUEBAUKBwcGCAwKDAwLCgsLDQ4SEA0OEQ4LCxAWEBETFBUVFQwPFxgWFBgSFBUU/9sAQwEDBAQFBAUJBQUJFA0LDRQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQU/8AAEQgBcAUAAwEiAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A/VOiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKTdSbqAHUm6uG+Jfxu8E/CHSLrUPFXiLT9Kjt0LmGa4RZW4JACk9TjjOB718cWf/BWGz8eatqGj/Dn4V+JPF+pQTbE+zhWiaME/vCV+6Dg4zigD9AM0V8OXH/BRzxNoJK67+z94+gZR832eyVsHr/fOauQ/wDBUrwbbxh9W8BeMtGXOD9p0qbj8o6APtiivjjTf+CrnwHupvJu9V1PTZOMrdadMmP++lFdVpX/AAUk/Z/1ZSV8c2tsOP8Aj6xF1+poA+naK8T079tP4I6kqmL4kaCN2cBrtc8fQmus0z4/fDrWv+PHxlpF0P70dyCPzoA9AorAt/H3hq6x5Ov6ZIT0AvI88+2a0LfXNOvBmC/tZx/0zmVv5GgC/RTQ4IyDRuoAdRTFkDdOe/WnbqAFopN3SloAKKKKACiiigAooqrcXwt3CmGZ+5ZUyB+P+TQBaoqp/alsODJt5x8ykf0qaK4jmXdG6uP9k0AS0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRTd3tgUAOoqOSdIVLuyoi9WYgAV5d8WP2nPh38GtHnvvEfiSwtGSNnjge4VWmIB4TP3uRj5dx9qAPU93tS7q/N7Sf+Cr+r/E69uNM+HPwp8QeKNTSb/VQokYjh7Oz/vQpJyArLjjrXXzf8FCfH2g5XWfgR46hZeois4rgfTKFaAPvKivhmP/AIKf6NZxq+r+BfGeljofP8MzDHGevmfpVzT/APgq98Hpp/JvLu701+M/b7CeDBP0Vvx9KAPtuivk7Tf+CmvwM1HGfGOmwZxxK06Hn/ehA/Wuw0v9uv4M6oqlPHGhjdnrqluvTr9516UAfQNFeVaX+0/8NtaOLLxVpd0eOINQt5Tz04SQnmulsfi14U1Fd1vq8Uq+sYZx+ag0AdhRWFD420SfBW/jAOPvqy9fqKsr4o0d+Bqlnnnj7QmeOvGaANSiqY1iyaJ5RdwGJASziVSAB1Oc0WOr2epeZ9luYrjy8B/KcNtz0zjpQBcopN1G72oAWik3etLQAUUUUAFFFFABRVWe+8iTb5MrjruVMik/tS3HVmXnHKN/hQBboqKO4jmXdGwcf7JqSgBaKKKACiiigAooooASoLi+gtBGZ5Y4BI4jTzHC7nPRRnqT2Henys6xsY1VnwdoZsAnsCccV8wfCf8AZCvtR8YWfxL+OPiGbx18SrS/a70+3tL2aPRtE2yHyVtIBtzhQCWcc55GQWYA+h/Enjrw54NNiPEGv6XoX26XyLT+072O2+0SYzsj3kbmwCcDJ4rYiuI540kidZI3UMrKwIYHoQfQ1yHxK+D/AII+MmkQ6X428L6X4nsYXLQx6jbLL5LEYJjb7yEjAJUivCT/AME7fAPh15H+Hvi74g/Cnc2/7P4S8TTxW5bOctHL5gIz1XODQB9Ubx9aAwNeb/FiHx54f+CWqW3w5B1vx5a2UNvpsmpSx5mlDIjSytIQhO3e5yRk+9ee+AdJ/an0fxfpMfizxB8L9f8ACXnj+0preyvrbURDg5MIB8rfn+9xgZoA+it3agNmvn748fFz4o6P8UPDfw/+FHh/wzqmtahpF1rd1c+KLyaKGOCGaGHaqxDJYtMpyTjg1h2Xxk+Ofw3htL74s+E/BX9nalrOlaHZDwtqVyJVlu7tIDJJ5qEbUD7towWIxkZzQB9OhtwyKXdXhXxatv2kLzxjPF8Nb74ZWHhEwJ5dx4jhv5dRE38YKxkRbD2713/wj07x1pfg2KH4i6zpOu+JfOkZ7zRbV7e3MZPyKEYk5HTNAHahs9qqatrVhoGmz6hql7b6bYW43TXV3MsUUYzjLMxAHJHX1r5o1T9ijWvF95dTeKv2gvirfW00rOLDR9Wj0y2CkkhGSOM7gM+vYele/wDiHwDoPjDwbL4U8RadFr2hTQxwz2mojzlnVCpXfn7x3KDz3oA5PRf2ofhL4m8baf4Q0T4ieHdb8SX7yJbWGl6hHdO7IjSOMxllBCqxwSOmOvFM+OH7TPgL9nSPRpvHeoXmmW+qtMtvNbadcXagRbPMZ/JRioAkXqOecZxWB8LNJ+H/AIZ+Mvi/wN4W+Gnh3wrJ4X07Tb5dU0yzghkn+1/aAV2pECpUQH5i53eYemOfb8jkf/W9qAOR+F/xi8GfGrw2uv8AgfxFY+JNJL+W01nJlo3/ALkiEBo26fKwBwQcV2G6ua8L/Dnwt4I1bXNS0DQrHRbzXJ1uNSksoVi+1SqCBI4HBbBPPU5JOTXjnxC/YN+EPxR8aar4p1/TdZm1jU5fOuZLfXruCMttC5EaSBV4XsKAPoKW+ggtXupJo47aNTI8zuAiqASWLHgAAHmsHRfiZ4Q8SbTpHinRNUDDK/YtRhmyM4yNrHPNef8Aj648Nfsu/s9iy0Pwyt74X0n7HpEGhSXkm3yLm6jtyplkEjMAJyxDZzjGR1GYf2EvgGNUtdSi+F2hWt7a3Ed1DJaRvBskQgqcIwGAQOMY9qAPdw+e1Or5Z/4KNzXTfs6Radpt7d2Gtar4k0jTtPms52icTSXSAjKnJBj38e9fU1ABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFJn2o3UALSZrH8QeMNG8K2jXOr6lbafEqlv30gDEDqQvU474FfM3j7/go58NtBvpdI8Ix6h8Q9eAO2w8O27XJJBxnKgqB/vFaAPrDf+f1rD8TeOtA8HWj3Otata6dEg3HzpAGx67ep/KvhzxF8Vv2nPjEzLZ2mj/BrQpWKrLqkhutRZfVYIidpI/hdmFYGn/sn+GdYvlvPiB4h8QfFbVN6yNFrF20NgH5wVtYjjBz/FmgD17x1/wUs+H1jqb6L4C0/VPiTr3RbXw/atdLnt8yfJj1+YEdxXm+t/EP9qH4zRuu7RfgvoUwID3cou9Q2nG0iKM7R3+VyevSvV/DXhG18L6amn6FpVh4c0wDC2+n26W67QOOEGWPuSM1tQ6LGjFpHZ2PXb8ufUE53YPpmgD5u079jHwPdaxHrPj/AFPXPihroLBZNeuTDag5ztjt0/hz/COPavXPBPgXQvhm32Pwh4d0vw3b3Z3zixs1h84kkqC2dxHXr04r0CGCO2XESLH6lRgnHTmoNVs/tUJYDdKuce4PUZ/zgigCFbnUoHx++I3YJiiTBH13Ch77VJiqy26yR7sfvlJwMY/vHtU+m3n2u3BZsypgMR+hq3j/AAoA5p2sLy4Nvc6Zp80mCWjfT2Jx/wB8e4/Oud1L4X+A9WAbUPh34cuQfvPc6dFgD1+aOuz1iF4/LvoRmSA5ZR/Ev+SfzrQgnW5hSWM/I4yDk/59aAPFNQ/Zn+CmsZNx8NPC8RBAP2VVhxjp9zbXNXv7EXwH1bKp4DktHJ5ks9TmQj/yNj9K+k9x9f1/KsfVoEtb6G+aJXQtslDKG+h578fy9aAPmz/h3z8IlbdZDxbo7H+K01oDGPqGqtN+wvphb/iU/F34laWGyVVb15QMH2219WrY2m0FLaDB5G2JRweh6Vn63o0Vxa+bDDiaHDhUJXcO4IB70AfMMX7IfjzR236D+0J4widlILaraPKPbq5re8AfCX40+HfF+kP4g/aGXXPCa3KPqGlPYmJ7mAdY92OMj0NfQUbaa9ml2VCqwH8ZzkdsZ6//AFqqLDeapIWtJrixt8k7/MPP4entQB5V4p8IfHjwhLpVt8KviJol9Zx2m2+utbtzDPdzmWR1Zli+UKqsqDA6LWdH8av2zfAx/wBP8JeFPHES/Mw0m9WFsf8AbTvXskljJaSrFPJG4b5jIYlG4EgbiRgjBOCM96vnT7qDiOVeOyyugX6Kd2TigDxqH/gpX478Hrnx98AvFWlxJw9xp0BuI/8AvvhRXX+GP+CsvwR1iSODV5tV8N3TnHk31lJ8v+823aPzrtluNSt1yfMYdzsSQ/8AjhFYevaR4e8RNLD4g8OaPqsjgBlvrNZHcHP8Tp7f3qAPUvB/7Y3wb8dbV0fx/o1zMcDyFuVMgz6gE16hp/i3RdWVDZatY3W4ZXyrhGJz7A18HeIf2PfgX4wylz8PbSyf7zSaPK8GPqY3/pXEzfsE+EdLPneDPiT4y8FSD/VRQagTCv0VgrH/AL6FAH6ebvypc1+ZNr8CP2k/AoA8GfH9NSt0+ZYtZsirN7bgJCfzrUt/jX+2r8P+b/wp4b8cWinG3SrpRM3/AH2xb/x2gD9Iqz7i1ljmeWLqef3eA3+DfiK+H/h//wAFBPibqHiyz8OeMPgTr2i31x5n761ieaEBEZyTJgDkIcAdSQBXoMf/AAUE0W3kWPVfhx470puhaXw/eOoOP7ywkdeOtAH0vby3P2ySRnNxFt2+UgwV+qn/ABp17qzW3+rjKKELESRPyew4HevAfCf7bfw/+I/iCHRdIj1GTV5R+5t3spYpAfcyKoH0P068V1+oftMeF/CJjj8TSyaVbu/kw6hfPDDFNL/cUtIMngnjPAzQB6lDrazojJDIM9QwwfoPWtJWyAcYPoa4XSfit4K8TW0N1a61bGNhiOUsUH0V/ukfQmuy0+5gurVJba4F1C3KyqwYH8aALVFNLAYpc0ALRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRSbqAFoprOFBJ4A5JNcp4n+KnhjwjZyXWpatbxQxhmd/MXaoHJyxIUYHPJFAHV7vakaRY1LMQqrySTgCvjXxp/wUk8ItqMuj/D/AE/UfiBrS8C18NWj3mDkfelAEajn7wLj6V53rnij9pT4xuftc+ifCPSHJI+3N/aep43dVgX90hx2xQB9veLPi/4U8F2Ml3qer28MEYJaQyKqcAk/OSF4x0Bz7V8t+NP+ClPhi41CTRvh1pOq/EDWc7Ut/Ddk90ucZBMxAjUepG7HpXm+kfsl+Dr7UhfeNNT1/wCK+tKVLSeJL5jbqR93Fsh2hcE4Dk/0r3LQfDMeg6aun6RYWegaaAALawhW3THbKpyT9T+VAHimra9+0z8ZGLX93ofwg0iTJU3Un9p6mqkggrGv7uM8dcAc9KpaX+xl4BfWhrXji71z4oeIslftPiW6Kwg5ztSBOig5IU/Lz0r6Mh0WGPl2Zz6KAo9x6kfUmrcMMdsu2KNYxjHy8fTJ70AcF4P8E6N8OWNn4U8PaX4ZtrkgzpY2KQiYk/Lk8secjngZGMZrsVuNShfH75+cZjSPGPxaptTtDdW5wMuuSB6g8Ef56EA0mm3hvLcFzulTAY9/Y4/T6g+lAELX2qyMFeJXjDf8tFzx9N3Ws9ri3vLg21zYWs0uGLRvYMSR+I9x+ddF+J/M1maxA8YS9hH72A5IH8S/5J/OgDktS+HPgzVFB1D4feHrpDyz3Omx4A7HDRVy2ofs5fBnWGLXXw08Kq33Sbe3WLA7fcVa9lt51uoUmjOVYbh6j2qTzG9T+Z/CgD5wvv2LfgNq2UPw8htmJwXtdRlj2/XM307d6wm/4J8fBOR91vY+IdMLd7bXBxz77q+ldWgFreRX2xZFyElBGc57/p+grRW3tioKQRbeoIQDg9+lAHydN+wT4Z3AaR8RviNpG7JUQ3bSY/HA4p6/sceMdLH/ABIf2gvH9oWQgjUVllGAeB9+vpzXNDhurXzYoF8+HDqFG3cO4IHrSxtpbWKXZjSNWGdoJzkdRjP+eKAPnbwD8C/it4d8baNd6/8AtBT+IvDUV0s17pV1p777iEHlA7E4yODjFdL43+H/AMbNKl0i2+GfxM0W9tbe0ZLy78R2EbXV3MZZH3MVQgKquqKABgLXra211qkm+3lnsLc8hvNbLfQZ/wDre9MmsXs5EinlV1PJkeNTuHA3HAB4J5GehzQB4XD4+/bJ8B5Mug+EfG8a/Mf7Nv5LZ8egVnRQfwNXo/8AgoZ8WPBMefG/wK8WWUSHDXGnql3F19kX/wBDr3T+zZ4SBFIuB/tvGB7hckdKVZtTt/mBlIHBIKSHp2wVxQB5p4e/4K0fCu6uo7bX01Tw5cv1i1PTZoNv1KmQYr2fwf8At1fBvxoFFh400h5DwUN9FGR9RIUb9K47WLXStcaS21zQ9M1N2Cgx3loHZgSQPmZSB0/vV5l4h/ZR+CHjJSL34c6ZAx5aTSm+z/8Aj0TrQB9r6T8TPDetW6z2eqRTQt0kUEp7fMBj9a3LXV7K+OLe7t7humI5Vb+Rr8zbz/gn98ObSVbrwr4v8XeCbj/li1pqRKL9A4BI/wCBU/8A4Zp+O/hcAeD/ANoe61C2UZW38R2Zm3f7OT5nHtigD9OqN3t+NfmfD4y/bQ+Hjbm0vwr40tU4WPT7lreRvcqHQD8q7H4d/ttfG6fxVY+HfF3wU1/TLi4MmbyzIuLaMJGznLbOpC4ALjJIGaAPu+4tZRK8sR+9/cwrfh2b8ar28lyL5pGkM8ZXb5S/Ky/gT+oNfLq/t2XtjIsOp/C/4gWbEYaQ+FJ5EB/3o5G/lW34T/bV8N+P9fg0SzsLyPVZx+6hvbC7s2U9OXki2jJ4xuGTx1oA+ib3VXtsmONkUKW/eRNgt2HHTNPh1oTxoywSKScFWGDn0A7145rX7Uug+AZIo/Fk1jolnJJ5FvqWo6hHBFcSd0XcoyQMnPTA6jIz1ehfG3wX4qt4Lm2vo54XGI57WRZkOeyGMkkfhQB6UrZUEjB9KdWPpfiTSr6JPs+oxS7jwsjgP9MHB/Stfd7UALRTd1OoAKKKKAExXzJ4i/aC8TfAn9ox9B+KMtr/AMKu8XyRx+FPFEMAhh0y724ewvGycFyCyyMccn+EMI/pysvxB4X0jxZYpZa3plnq9mk0VytvfQLNGssbB43CsCNysoIPYigD54+J3gTQviL+2b4M0nxLp0es6MPA2q3Eul3uXtLplvrIKJ4SdkyqX3BJAyh1RwMopHiGsTahoXwlbwNpcFpL4Li+Md34am0zVNTlsLAaXmSaKwluFjlMVs0xjh2+WylWEXR6+uLf4meDNQ/aMu/AkulPD8QdN8OrqcGpXNig87TpZwkiQT53lRKke9eBkKedp29pJ4B8NTaTrGlP4f0p9L1mSSXU7FrKIwXzyDEjTJtxIz8biwOcc0AfDHxo+HGs/Dn4H/Hy3fTfBvg/w7fWei3cHgnwhrEl7Hp9x9rCS3PltaWwgWdUjG1U2s0DtnO41h/tNaz4O1/4sfG7wp440bQNZ1TUdM0/TfCuseLNd0vTotAZ7PLyRJeXKTpEssgmaa1ikMhDIQTGAfu/S/hD4D0Xwnd+FtO8E+HdP8NXknnXOi22k28dnO+VO94Qmxm+RTkjPyj0rz/VfgN4w07xN491Dwb450fR7LxpKtzqMeveGn1W5hlFslt+4mF5CojEcaFYpY5FVi55VtgAPM7v4N+EdV/aT+FPhLVNI0vV/Dem/DfUD/ZdvAiaXdsLuwUM9soEUkWXMgRlKhwjgbkUjy/xnBpWhfs3694evdSm0Hwh4e+NNvplvcR3r2v9l6cNTgk2xTAhoUiWR9rKRsUDB+Wvtf4b/B7w18L/AA14X0nTLNbqXw7pKaJZarfRpJffZRsyhmCggM0aMVXC5VcAYGNg+APDLW88DeHdJaGe/wD7VljNjFtkvdwb7Sw28zblB8w/NkA5oA+S/HWkJ8Gfix42svgppdhoiN8LtQ1a90vRIlS2/tCOQDT7gwphPOcGcBiN0ixnJO0VV1Twd4I8DfDf4F+M/hxa6enxA13W9FEWu2m06jr8dyytqP2qfd5lyrRNNLJ5jOFKBuCoI+uPBXw18JfDazubTwj4Y0bwtaXMnnTwaLp8Vmkr4A3ssaqC2ABk81T8PfBvwF4R8TXniPQvBHhzRfEN55n2nVtP0m3gu5/MYPJvlRA7bmAZsnkjJzQB8nXmsaf4T+C/7bC61fW2ludd1chbqZUP+k6TbLbcE/8ALVmCp/eJwMnIq7dfD/QPiV+0R8B9K8TafFrGjJ8M7m5l0u7AktbsrJYhVniOVmQMQ4RwQHRGxlRj6l1j4SeB/EPiX/hI9W8GeH9U8QeQ1p/a15pUE135LIyNF5rKW2FHdSucEOw6EiteHwboVvqVjqMOjafFqFjamxtLtLVBNb25KkwxvjKxkoh2Dj5V44FAHzRZ/BrwV8SP2svi1pnijw5Ya5o1j4Y8PQ22k30Qksod325RIsB/diRFXakm3cgaQIQHYHzn4a3H/CwvCX7L3hPx1M2s+CNSt9YhurTVJDJBqt5ZsUsYLoM2JgI0kcI4IZ4gSpIGPuK18P6Xaaze6vb6bawarfRxQ3V9HAqzzxx7vLSSTG5gm99oJwu84xk1lX3wt8G6p4Q/4RO98J6HeeFd24aHcabA9jnf5mfIKbM7/m6fe560AfGPxJ1Kf4VWf7Q+g/Deb/hG/AOlLoBuV0JhBBok1xPs1UWuxgIGFr5crKm3azF8Atk+l6x4D8IfBz49/Bez+E+h6R4eutaF9DrGn6HEkKX+kpZs6XFyEx5my4FuFmcM2ZWAJ3kN9IeGfA/h3wX4fj0Hw9oOmaDoce/Zpml2cdtbLuJLYjRQoySSeOSSazfA/wAIfAvwxku5PB3gvw94SkvAq3LaHpUFkZgpJUOYkXdjJxnOMn1oA+B/EnhvwRqn7GOh/ELXVsE+K+teJLKPUNaNxs1G+1D+14xPZSuCHlSOONsW7ZRBAjKg8tSP0mrjJvgt8PrjXtT1yXwN4bk1rUwq32pPpFubm7AdHAlkKbnAaKNvmJ5jQ9VGOx3e1AHGXXxa8MW/xYtfhrJeyHxfc6S2tx2K28jr9kWXyjIzgFV+fgbiMngc12teB/B/4L+ItH/aE+LXxS8ZPYy3+uS2+j+Ho7OZpRaaRAoIBJUbXkkO515wyHBIINe+UAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABTPNTzPL3DfjO3vin1Tv7XzVEqN5c8fzK2P0PqKALeaWqem6lHqVv5ijawO1kPVT6GrW70oAdSU0vgE4rxf4sftbeAvhXK1gbyXxF4gKF4tG0SJru6kAGSQkYZiB3IBAxzQB7Tv8Aas7WfEml+HbZrjVNQttPhUZL3EoQfrXxTr/7QX7QPxPjYaB4b0n4U6JIob7f4mmMt6UPcW0RLKfRt6j1ArkIv2Z4/GVz9t+IfivxP8T7p/vw3lwdP0zOcgeRD1H+8zA9xQB7r8Rf+Chnww8J6lJo3h6W+8eeI1YoumeHbZ7qTcOCvyA7Wz2fb9a8t1n43ftIfFlmXTNF0n4Q6I/Autem8+/2/wB4W8RJRvZpBXe+FPh7p3g3T1sND07TfDViox9l0i1WE7c5AYjnr6kj2rft9FtLchjH5rjo0nJH09vbpQB88Wv7LGj+LboXvxD8T+JPitf7ld4NRujaadvA4P2aHAP1Ygnue9e0+E/A9l4Q02PT9B0vTfDGnr0ttMtlhHv90ZJ9yTWtNZyaO5nsRm3x+8gHTHqBWjaXUd5EJIiSP4l7qfQ/5/OgCrDolvDy+6VyBu3HAPGOQOv45qK60trWT7Tp4ET9XiXgN+Hf6fj15rWb1pN3+P0oAq6fqEeoR5Hyyjl4yeR7+4/zxVus7UNNaST7TanyrpTu4OA1P07UxfAxyL5Vyv3o24z7j/P+NAFyl3d+9JRQBk3H/Ep1BZxxBLkOB068/pk/99VsdgRyD0xUV1brdwNGxxnofQg5B/PmqWj3LbHtJeJoTgf7v+SPwINAGhwc5GQeo/nWVp7HS797Fv8AUyfvIM/qP8/1rWx1qlq1iby1JjOLiJvMjYetAFz1NNuLdbmCSJ/uuMH19qh06+XULNJh94/K6+jelOvNQgsI98z7fRf4j+FAFXRZ2VZLSX/WwNgZ7r/n+nrRdat+8MNnH9quP7w5VfrWNqkd5dzR6gQ1paA7JEXh5FPTP+f5V0lnbwW9uiwKBGwyG7sOuTQBz1lpP9m60v24+clzkxLn5I39Px9OntXT/wAIHbp9Kq6lYrqNm8XR+GRvRh0NN0m9N9a5fidCUlU9mHf/AD70ASaha/bISAoLqdy7h14wR+IJH41DpN19ohMbk+ZEAMt94r0B+oOQfpV/0FZV/G1jeJeRjKs2HX3PUfjj8wPWgDU3GqGsWrSQ+fHkSR8krnJXr+h/r61djZZI1dDuVhlT6/5NOzQBUt1g1K1jeSGN8cFdoIVh1/z6GhtLgZjgOjfwlXOB9AeB+VVIf+JTqTRMcW82Nue3YZ+hOD7Fapar4yjF9daTocC65rsABktY5QkVtnoZ5cER9QdoDOQchCAcAaboW+0/+z76Aed5drPkNIUG4P67lxWRceMoYdRWx0uW51y8KMyQ6bG0kQwWU752BiQ7lK4Zxz9Ca5T4mzLocNtH4mF14puNStmmGlqyQ6bEsJiMpWMj5zmRdvmFvdk6182/F79si3+H/ii20K4k1y10iMPcWtlptuliVt97rancrq5yg+dD8p3AjG3aYcktj1sPltatTVafuQfV7fI+oLX4t+Mv+Eqj8MQaHo66tO3leVe6pMgiYojojOluUEhDE4DMPugNlgtehJr3ibTbLVb7UvDWs2dlp7sFltYzdteKsqo3lxwGR4yN27EirwrHoCa+ffh14+8Jar8K9A+J7Wl3qeuXscLmG+u5IBLcCRbbzZvnYcbchkXhRk5wAPSv+Ew8SfFLwFdC2V9CVPNspWtbsvaxSZBR4EXYz7QwyWx828Enbmkp7pnoV8ntCNWm7QtrKWl35eRvP4g0j4wxR6da6nFpNxGjXtnHdWR/tBArbftCwzKr4BYDcRgb14O4Forz4MeENW1DULrW9OXxcLuKG3S18Rwx3cNpGi4IgQr8hkbLs3UnHOAK4D4Z6LK2oRW1m+m6h5N9591cabN58emD7PcRna7ov7+UyRBkUZVY8sRuG7177DqFuAIrvzR12sfvenBz/OrTujwcRThSqSjCXMls11+88e8Q/sW/DC8juLnw3p+oeANcaNhBqPhjU7i0MUhGA3lhiuAedowDXz1P+y9+1F8GrqS9+HXxWl8SRDkQzXrpK3sI596fkwr7gbXLm0uDDc23zLtydpGc9AME+hH1FWY9cgbIlVo3H3h97H17/pTOc+IdP/4KFftO/Ae4jg+JngCbU7KP7009q8JcDv5wDqfwxX0L8J/+Cv3wm8ZtDa+J7W/8IXjYUvcoHgJ9mUkKPdiK9jW7tryJrfzI5Y2HzwvjaQeoZT/I15d8QP2T/hL8TGd9b8D6aLuT5jeaehtJj77o9uaAPq7wL8ZvBHxK0+O98M+J9M1i3k+69tcqwP055/Cuy3exFfk9rn/BM+10G/bVfhl8Rtb8I6gv+rW6JdQfTzYijAfUGrOjeJv20/2dwojNj8UNBg4xC6ySeWO+MKwJ9WVjQB+rO6lr88fA/wDwVy0fTb2LSviv4E1rwJqR4eR7d2jX3wQHP/fNfWvwy/ap+Fnxetll8MeMdNvXKhjA0wSRM9Nyn7p+tAHrNFRxzpNGroyvG3IZWBBHrkU7d+VADqKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAj+0J53lbh5mN2329afVTULXzo96sUmj5Rx1Ht7im6XqSalb7gCkiHbJG3VT3FAF6imhutV77UrbTLcz3U8cEIOC8jhRk9Bz3PpQBZzSbu+OK+d/ih+2Z4X8IahPofh+2vfFviZEZxpGi2j3l0QM8+Un3RweZCg4NeD658SP2hviwuHTRvhVo8u5l/tSX+0tRZMdreHEanvycr3FAH2z4m+JnhvwlaTXOparbwxQrukYyAKg/wBpidq/iRXzR40/4KLeDodSk0bwPZah481tW2fY/Dtq164OcYLjEa/ixBrymy/ZR0HxBeRah421DxB8Ur9TvSTxJemKxRs8lLWIqmP++h6g17R4f8F23hvTY9P02Cz0TTox8tlpFutvGB6YTH/16APItb8b/tH/ABdY/af7D+EmkSZLf2lKNS1IKeAfITbEhI/vcj1NZ2k/so+Ftdul1Dxpqev/ABY1RGUtJ4ivGForhccW8eFHtuOcd+9fQtro9pa4KwhmHRn5x9B0H4Cq1xZy6bJ9psRiNfv24+7t9h/n+lAFDw/4Rh8P6dHp2l2djoGnL0stMt1hjHA6qoA7d8++a1oNHtoQNytI3B+Y4GcYzgYqxZXsV/DvjPTqv90/SpzxQBl3mltbsLiwHkyLyY1ACn2x/T/9dWNN1JL6PGNk68tF/X3FXM/4/wD16oalppuJDPbt5V0p3BhwD/n/ADmgDQ/lTapadqn2tjDMvlXa8NGe/wBKu/4UAGTnPesq6U6XqAuVH7mQkOB9cn/4r/vqtWmXNst1A0TdCOD6Ecg/nzQBKp3KCCCDyMfpScHORnis7R7h18yzl4lh6fQf/rH4GtHb1oAybEnS9QeyP+pmO+An1x92tbH+FUtWsTfWm1DieMl42HZgf8/pT9MvhqFmsv3ZPuyL/dYdR9aAJ57dbiGSNxlXBB/p/n1FUNHmaNZbOU/vLcnHunb/AD9ParN9qUGnrmVvnPSNeWP4f1rn9Utry6mj1CUG3t1IV4UPzup9f8+npQBr3GrtNKYbBPtEw5MmMovvn0rLtNJXS9ZVrthPHdHKZ+5HJ6f546cV0NnFBHboIFVYiAwx39zTNQsRqNm8BOGJyrf3SOhoAsY7D6H2H+fwqvfW32u3KgDzF+Zc9M//AFwT+dRaRfNeW+JRtuIj5cq+h7VdxyKAKGj3XnQmF8+ZEAPm+9t7flgg1oVk6lG1ldR3kQyCRvHv2/MDn3ArUilWaNHQ7lYZB/z/AJ60AUtYtTNAJk/1sOWGP7uOcfQ81JbtFqVrG8kUcjD7wZQwVvbP+cVaHH6da5LXPFOl+A76JdQufKjvflt7eKNpp5mGfljiQF3K55Cgnac9BQB0h0233MVRo27NG5Xb9ADgfgK5vxJcaf4V8u81LUodO0pyFlubpkTa5YKuXODySB+IxmnTSeK/EXnxRRJ4Qtg5UXUpjur1kwQSqDdHGT8rKzNJ0O6Pk4y9es/BHgW8gvNdvoLHWdSDRRaxqxeWVyqruzKQfJjzjdjZEpYZxwBUYuTtFXZMpKKvJ2Q+HxNf3TRNomj6tqNtIDsuGjFlCuNw+YTurkZX+GM9QRwc1d0m5+JmpST22naF4fu7qNd00MmukSRRk/KxC24IyQwPBHy8HtXxx8aP+ClWp/Drx1faD4Y8KWOp2Fm6mK/1maQyTIUBAeNCApGcHnPAGBXrfw3hs5odL+PXiTU4rBNShTUG0yKGVQJLmIxLBG/mNJMBkYTCgKgJbCmuinR9o3G9muhz1q/s0pJaPqfRCL4907TNU1K78LLc2On72xo+orJNKEfDgxyCIowXLYG/O3AySM0heWvxi8PpJDqD6fYxys9v/o2bu3lX/loUmXdHJgnG8BsEYXnJ5PxT8aoPF3g/zfAkGo+JNTt42aKDyPIsoGDEpuibagZSrDa2SRwSc5rM8CeIPE+uLo2t+KtK3a/q11Post99lFvPNp/2dpUkmiRQoaOeNlRmUFVkcDmTLKeHnTi5T08uv3BTxFOrJRhr59Pv2O0b4U+FJNS1K9v9N/4SB7+KG3aHxAsd7FBHGuNsKSKQm5suxHLMRk4AA8/8Tfsc/CjXUnudJ8Nf8IbrTxsIdV8M3c1lJFIRw+1H2nB5xjFerjTby1wYLxm7/MSP55qBtXvbW4MU8HmMNo3Kudxbpgr7gjp1rmOo+HLv9in4/fCeWS5+GPxbl1KHO77FcXcloz855Ry8TH3JFJZ/thftX/s9yInjnwNLrOnR5zcraNGrKOp823zF/wB9Ka+7U1yPkTRPER94Z3Y9sdSfwq3HqltLuj89RuHzRyccHqCDQB88/Cr/AILGeA/EMkVr4v0u+8NTHAM80fnw59fMiBI/79/jX2R8Of2k/h58U7EXXh3xLYaimBu+z3CSbf8AeCklf+BBa+fvHv7OXww+KAZ/EfgnR7+4kzuvI4BDcZ9fMjIb9cV88+Kf+CY/hNLs6j4B8Y694L1JMmLc5njRvZl2OB+P40AfqfbXkF5EJbeaOeI9JInDL+YqXdX5PWHh/wDbG+Asol0XX9O+KGlQn5Yp5w1yYx2y5SUE+gdjXeeF/wDgqlrngW8j034v/DbXfCdwNqSXP2UyQ/UBgjAfi9AH6T0V4F8Kv24PhJ8XliXRfFVi11Jt/wBFaXbMM9vLcK5PsFNe3WWuWGpRs9tdwzKoy21xkD3HagDxvwv8A9Xh/aa8R/GDxZ4kt9Uf+zP7A8OaVZ2nkRafYGRZXMrEkyTFw3PAALdmVU9rs9Qt9Rs4Lu0mjurWdFkingcPHIhGQysOCCO461Bqem2WvaXd6ffW8V9p95C9vPBKA8c0TqVZWHQqVJBHvXzj+zX8NPG37O/xM8S/DKOyutZ+DMkR1jwtq8lwrto7O/73TZAx3MoYl0IzgDkncdoB3Xjn46Q/D7446X4Z17UNF0LwdL4XvNbvNY1WcW/kTR3lpbxqZncRqh+0HgjJbbgjofRrXx14cvPCP/CVQa/pc/hj7O15/bcd7E1l5CglpfPDbNgAOWzgYPNfN/xo8ReDvB37a3w31/xrJaafplh4Q1U22sahHi1066e7tUWWSYjZBuVpIxI5UbpAmdzqD5XPYrJ4TvfF32czfBif4xL4hlVLYm0fSFgUPfFdhBtftw88vjYVXzQdpyAD7W8K/FjwV460a/1fw14v0HxDpOnki8v9K1SC6gtiF3MJJI2Kphfm5I45q8vjnw8+n6JfrrultYa48SaVdfbY/Kv2kQvGIG3YlLoCyhM7gCRxzXzJrOo6d8bvjx4j1X4Y6jZeJdE/4V5qGiaxrGjzJPY3N7I6NY2/noDHJLGrTsQGJRZhkLu5888L/FDwz4i+GH7I/hHSdUj1LxFoWu6Nb6zYWitI+kzQ6dcwSRXmBi3l8zeqpIVZ9jlQQrEAH2Rrvxo+H/he+istZ8c+GtJvJbtrCO3vtXt4ZHuFEZaEKzgmQCWIlOo8xOPmGb/jX4leEvhrYW994u8T6N4WsriXyIbnWtQis45JME7FaRlBbAJwDnAJr5W07wro2peCf20bm60y0muL3V9RtrmZoxvlii0a2eJGbrhGlkZRnguxHWjwr400bwL8Vfhn4s+JOr2GjeHb/wCFdlZ6VrGuOsFol+XWS8iEr4jSWWLyTtyGdY8AHaaAPbPhP8cYvFHg3xx4k8WX2i6Fo/h/xPqmkDUGmFvbLaW1wY45ZZJHKhiMEtkKSeAOldtpvxW8Fa14PuPFmn+L9Bv/AAtbBjPrlrqcEljFtOH3TqxRdvfJ4718Z/Db4had8K/gLqF7omgaRoui3PxZ1C0sr/xPpjwad4YgkunMV7cW7GJ4lRMIqlodrSoCyd+W8Ua2/iL4T/toX7a/pPiaC+0zT7ldW8P6dNY6ddsbIxmaCOSebcGESqZUkZXMeQaAPs7xJ8XLDUm02LwT408DXM8HiO20jWE1LVVcxhmYSWsQifi8OMJG+MlWyK6fVvix4J0HxdZeFdT8YaBp3ii+CG10S61SCK9uN5ITy4GYO24ggYBzg46V4J+0Jomn+G/h1+z5pWlWkVhptl468OQW9tAu1Io0DBVAHQAAV4xqWm3OpWfxl+Hni74l+D/Aut+JPFN7df2Zq/hi5vPEN7G0wOnXVgyX8bXRWOOAQ+TAxRotnLqaAPuPxB8VPBfhHxFpuga74u0HRdd1MqLDS9R1OCC5uyz7FEUTsGfL/KNoOTx1rqq+KPjd4qsvhF458ca14a8aeG/EninWl0201r4UeLNPL3niCSNYokGnYYTZkiYqMRXEJk3/AHdr4+0reZ5oY3eIxOygmNiCVOOhoAlr59/ad+O2ueB9c8D/AA6+Hy2t38TfGWpxJaxXUTTQ2OnxuHuryZFIJjVFZQMjOWwfkIr0z4qfGjwb8E9BtdY8Z63BotjdXcVjb7w0kk80jBVSONAXc85O0HABJ4Bq7B8MfC9v8RLnx5HotqvjC509NKl1faTM1qrlxFycAbjk45OFyTtGADp9vqc06iigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKjlkWGNnY4VRk0/Nc/4m8eeH/B+n3l7rGr2ljb2i75zJMoKDGeRnPIBP4GgCnpMF3LdXt/b5QOxKK/R+Tx+nWuQ+Ivx1g+H3h/VtThsLnxFJp9vJPNa2CgspRSxjz/AM9MKcIOT3x1rx7xB8cPGv7QCS2Xw7D+DfArbo5fGF9FmW6UZBFlFx5mR0kJEfQ7nB212ng/wdp1jo9xp0Csd8cSXN7cNm4uTGhRZJMALv46qAOoxQB4jear8av2iNDh1jxdqp+FHgK+VXt9D0bEmsXsT8oJHPyQFhj5fmcc/dNdf4B+GOl+CreW20PR18PWcy5uLiSZ5tTvn6b7i4Yl2PfljyeAK6rWIVk8OQRXMirLHdRwxybiFuAJlXKsepB4OM9u9bupW72t/cRyKysHY4YYzz/OgDmbnQU0yRb2yj3yR/NIknzbv9r/AHsd617O8jvoEliOV6fQ+hqbP51kXlvJpNwb21XdC3M8A/8AQh70Aa/t2xwKSm29xHdQJNE29GHFOoAX8P8AP+NZV5p8tnIbuxAVurw9mH0/z+FalHfPegCvY6hFqEJZDhx95D1U1ZArOv8AS2877VZER3K9R2ce9S6fqS3wKkGK4T78bcGgC73/ABqjqWmC8IlibyrpeVdeM+xq73z2zRu68daAM/T9UM8jW90vlXa/KVbgP9K0Mdf8/wCTVTUNPj1BBkmOVfuSL1X/AD/nFV7HUZI5jZ33yXA+6+eJB6/WgDUrL1aJreSO+iHzR8OB3H/6if8AIFanXjpTWVWUowyrcY9aAGwzLPCJUOUYZH+f880/IUZY4A6n0rATUo/D909jMTJvO+BF5Y+3t0/PNWVsbrVzuv2MFv1Fshwcf7VAGXPqj2usMunL5lvdHa8zfcjk9fxrbs9HSF/NnZrm5PVn6D6CpbnTYbjT2tAgjjK4AUY2n1FR6LePcW7RTHF1bt5cvPfPB/EUAXJI1uI3jcZVl2n6HrWdo8jQtLYSnLwn5T6p1/z9fatP7v8AL0/D61l6yjW7Q6hECTDgSY6MnT/P19qANTOKyb7/AIleopfD/j3m2x3HoD/C1akbrLGkiNlGG4H2rN8Qa5o2i2LHWtTstNtZFYGS9uEhU+4LECgduyNX+EH/AD7UyaFbiF43GVYYPr7fl/SuDsfiz4fs4byz+2zapPYP5THTLWW7B5wBmJWGQevPHfFMuPitdyNtsvC94o2FjNqVxFbxhsHC4QyODnGfk6HIzU8yR10sHXrP91Bv5HW6VM1vNJZSnkHdH755OPqOR+I7VNrWs2Xh3S59R1G4W1s4QC8jZPU4AAHLEkgBRkkkAAk4ryXW/Gfiy+jguIbzQdIuY3JZRazXo2/KUw5kiOVKtk7OdwGBg58U8ffH/wAV3HjCZG1HT9NFjFJ/ZMgiKGaUyyRSskRdt8kZULzkhXLhDv2iPaRXU9qnw7j6lnKHKn3Pd/HHi5NS0nGu3Vz4T0+4YNZWFu7DVr5cNuBVAWgVhn7h3qBlnjPyjzDVvilN4z0WTwxotvajRzcTC5tbN5La78mORlPnMWBDSkKxDbSxBUkhmYeR6Vq2p63dyX11PdT3ck1vFPdTyE3i3BYxLvk3HyuZJAchvlYKIwFEj+peDb19TnttIsdIlSRpp7WJvOWWFpovMaT5y2448uRixXqDnpXPOo29D9CyjhrB4RLEYyV2tddl/Xd6eRi6PJaeF9PNhrGmx6jZ291522Q+b9kWaTbDHCrglscFmABJzjca8o+Ln7Nmo/tNfEiDW9L1K30SGTTVEIuICYxFHIFLybSWQlplwpUnnnB4r6o8F/BbdYX+s/E2e60BbOBBaahJ9mS4F0FkaaOArG4lXYDgYYYJ27udvd+HtBhk0GPTPCGjr4Z0C4kknvNa1OyCavfM8jMSFCqYhna2+TnAAEYwCLp05XueXxFnOXVaLwlKPPbVO+nrpuef/A34K6L+zndaBoGpXdr421q306W1jttLsWKTLJMrtNcO2VRE4UF+uTt5+Q+nQ+C73xJbW58UG2tLWN3Meg6G0kVgiHbtjkOFM23B4wiHccx8DGj4N0Sw8KWh0yxtxbRPI0h3MXd5j98u7Es7HhtzEnn2rpejccHv2rpSSdz80rYmriLe0leySXojE0e3i0Gb+zIo1htesCIoVVyTgADgf4/Wtr+Hjnrx6/WqWrWZurbKf62PlMdfcfoPxAqTTrwX1qH/AIx8r/59xTOYj1W182ESrncgOdvUr1OPcYBH0p1rJHqdv++SOV1+9uUEE9Qw9iCP5Vczjnv/AJ/pWRJ/xKb4OB/o7dh2U8kfgTkexNAFmbRbaZcYZRnON24fk2f0rLmhutNvFjWf9xIchwSnHQj0GMjt0Oa6LPpyMZqtqFoL63Mf8f3kJ9f8Dk/nQBT8zUrUnenmhevyg49hjBz+FLHriq376FkdRltp5X8Dg5/CpdJuzNCYX+WWLgg9SPX6g1dkVZF2uqyDOcMAf50AY+t6foHiyzez1uwsdUtX5e21S3WRPxDjGa8Q8afsD/B7xdcfbdO0a68Ian96K+8PXTw7GP8AF5Z3Lx7AV71PY2UK7nVYRndhCVz+A61Ta0Lv/oY2nqysSpcn1KkYH1yfagDxz4U/AX4sfCvxVBFpvxwv9W8GmKYSadrMBa5DeW3lHzg2SBIUJ5HAI71b1v8Abc8Zfsy+IoNB+IXgzXvFekxWlv8AafFmlwvJZzXBQGYw7+RGM45YnIIxXsQj1GFAQ6XHTO4AjPpnjil/tbaGiubd1SThlwGVh67SASPwNAGz8HP26vg38bVhi0Pxba2+oyA/6BfnyJuOuFbBwPXGK96t7qK6iWWGRJY2GVeNwyt9CK+HvHv7MPwh+LDyy6x4Q00ag2GN7YKbK53DoS0e0nHvXKaT+zv8S/hLced8KfjRrFpbqcjRPFyfbrcgdE8xcOB/sgYoA/RHd+VLXxBp/wC2v8TfhGFi+Mfwvup9NQgP4n8In7baAYyzuijfGB6Fce9fQHwm/a0+FXxqtVl8L+MNPuZsBntJ5RFPHns6seD7daAPX6KasgbBHIPIpaAFooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiim7qAGyyCGNnIJVRkgDJrldPt5/MvdTEgtA2ZFaRsJjJJ3dunes3xt8cvB/gPSdQ1DU9WhjgsVLSuzbIxjrmQ/LgdOpOeME8V82a14++IX7SODpsl18PfAEhJXVJott/fpxg2sD8oD/z3mHuqd6APY/iJ8drzw54Z1jUvD+mzeIH0+3kkeOEKWeRU3rFEOMu3bPB6jNfMj+F/i38dNJt/EXxR8TzeCfDd4qPD4R8Ny/8TGdX6RXF03MWeQY4gOpz619DeFfDGl2Gj3FjGgitxDHFcXdw/mXFwsabFeaVvvsqgYYnjA7Vj65brF4ZtY74+UBcxRWs8gKx3KiZV+Unrg+nUY64NAHN+CPhrpngvSzpWi6JaeFtGIy9jZgm5uX/AL9xMTudu/JJz37VuXGhx6e63enxBZo+WjPO/HQ898V02qW0lnqFxDIhR1dsq3X2NVM9PXrmgCCzvo9QgWaM8HhlPY+hqfPtWVfWcthcG+slz/z2h7MPUe9X7W6jvLdZom3I36H0PvQBLS7umOKSigDMvtOeOUXll8kw5aPs6+w7mrNhqMeoRsV+SVfvxN1H+Iq1VHUNLM0ouLZvKu15DdA3196AL3+NL/FzzzVHTdSF4WilXyblfvRtxn6Ve7596AKepaYl8Aykx3C8rIOv+f8APtUWn6k7TG1vF8u6Xoezj2rRzVW+0+LUYdkmQ6/dkHVTQBaK4+v+eKWsqz1CW0mFpf8AD9Em7P8A/X961T6UAZmsQvC0d9EPnhPze4H/AOs/gavwzpcQLKhyrDNP2hsgjcG49c1zw1RNAv5LAgzmX54Ik5bP90+lAHQMyxruZgqj+LPFctc6lNDqhk05cWdy2yadxhEfsRWommT6kwk1FsIORaxnAAx/FV+6s4bqze2ZAsTDACjAU8YIoAhsdIitG8xz9ouDyZZOufUf41bkRZo3RxuVgVIPoao6NdSSxPbXHF1any39x2b6GtDHGc/59aAMzR5GtpJtPkOWhJKH1T/OP89dTHvXG+L/AB14b8OXFtPd69ptrepIYltpLpBJLgAsoTO4kBlJABI3DjpUo+I0V7HKdJ0DxBq0kZClF05rQMd207XuTEjAHurEEcjNAGtqGdNv479OYZMR3AHoTgN/T6kVr/eAxz7gH8K5KW68W6wGiXR9N0mymgbdNqF61xPHIyHG6GNdhAYjOJuRkcdaztL8O67dZsNZ8WXUctq5YR6TbxWsU0R27Q28SyAjafuyD7x9Bg0Yep2eq31jp2nz3GpXUFnYoD5s9xII40HqWPA9j6iuP074gW32xtN0q0vPEDvF9ogms4ttq6sm9cTuVjO4dArMQc5GOa1LTwR4Y0u8a9NlHdXu/wAwXWoSvdzK3ba8zMygdgDgdsVPrWpWxVXjkKzxjepHGRn+hwfr35qlFt2REqkY6tlSCw8Ua1Jaz6jfW/h63Rw0ljpZFxLNhs4e4lQYVgQCqRhhg7X5pY/C/h/wbo9y0X2fTxI4afUL+6JkmkI2gzXErFnJ6ZZicYHbFeXfEz9rLSPBcNxaaRZNrWtwgpJGpMcEDZZRvfGWy6sNsYY7l25XIz8p+IvjB4r+JmrQ3mr6o85Vw9vCSRZxk71KQW4P7zAfaXzn5MlyBXq4bLatdrm0Xf8AyPKxOaUaEXy6v+tz6V+IX7Uit4bl0Xw3a6rY+IWu5IDqbWaTRpax5DyxgFiHZti/OhwrE9QQviuoeMr74nXGknxz4gu7i+t4PsIaO2ECmBnG2OYhNoduCMkOMqCxOQef8KppiRx22kWkl5qGx4ltre1KSyup+aNRtwW3LnYuQPYEV6H8K/2e9R+Nun69qp1K102104wFVkgeW0v52Rl8pjztZFVTuGeqZXgV9VHDYXLqak3r36nyUsVi8xqcsVp26HjHjf4JeF/i340/tPTNN1y9uJoY1uY7FxtACxxxugaMfJ0DEFsMy9ATj6b+Bv7Oup2tvbWHxDs7pvDun6ZDBBaf2srL5qBVBjeFyUVVVgeVz8uOr57n4deDNA+GOky6X4Sgl8XeJZF+wXl3DcqltZspDGN3GRAqkp8oDyHavDAcdZY+DZdZuLiHxdeJrdtJMWh0tIfJsYiM/K0e4mYlTvG8lcjIVcAV8ziMdBzl9WjZPr1PqcNgZ8kfrUr26dA0W5ttK0l/D3w+0ZGt7RpI/tV60q2MTl/nHmHLTuGLEhMg4ILqcVc8L+FYvDGvz3d7O+o6teRJG19LwAo/5ZxoSRHGWydoOc4ySea7KONI0VEVUQDaFVQAB6Y6Yqrqll9ttSFH72P5lx78Ef57jNeM5OWrdz2lFRVoqxc7ccdapapafaId4Xc8YOQDyVPUA+uQD+Ap2mXn221DE/vFwH7fj+VWiSMfnUlFSznXULYLMFldPvblBB7huc9RzSvpNs64CFBnJCMQD9RVOcHS74SqD5L7jtX0HzMv4ffA9Ca1wwYAqQwPII6Eeo9qAOcuLObT75Qs+IJDuD4KnjgglSMY/lk9qvbdTtuSfOA5OAG+mB8pq/e2ovbdoz97qpPY/wBeOvrVTSLoyI0EnEsPADHnHp+B/mPWgBn9tPDxcW7KQMnkjHtgjBP40t5daZrFm1tqEUNzbMPmgvog8ZHuCCprS4Ix1HQ+n1qldQ2UfzTRqjs2RsBDOfTA6/jQB4v46/Yl+C/xF3Ty+ErfSL1uReaDM1q4J/iIU7SfqKz/AIZfsp+I/hf4ot/7I+MWvXfhARTI+g65GLtQWiZY9r5xhXKkgKuQuM85Htj2Yun3WoCHJLbjnLdtzDkD/ZBJq0ttfwgCO4E+MAiQZyfXk5wP96gDw/xJ+1L8U/2YdaTStX8A6x458Mw2tubnxbokQaK6uNg86QW4BEaA5G0lOVPPSvWvg/8A8FIvg98U5IrJ9dTQtUYhTZ6qPs0m4nkYf5Sc9lZq1xqk9u2J7ZkGPvxk9PcHGPpXD+Ovgr8MvisrDxR4S0nUbhgcXE1uIbkH1Ei4Y/maAN3VtU/aP8DeJtY1zwPqvhb45eD727kvIvDl+y6Pq9jG7FlggnH7pkUHAaUbsAcV9AeOPihovwr+Gtz418c3A8N6RY28M2ouEe6Fq0jIm390jM+HcLlV98AV8MRfsfaj4AkE3wn+KXibwUIsGLS9Qf8AtLT1x2Eb4Iz6g8V0mn/tNftB/BFQvj/wJD8QNBiGX1zwcxnkVR1aS2ciQH/gWPTNAHv3w0/bi+B3xe8WaZ4Z8I+PbbV9f1MuLSxFldQySbUaRh+8iUDCqx5I6V1Xxs/aQ+HP7Oen6de/EPxLH4dg1J3S0LWs9w0zJtLgLCjtwHXt3rzP4TftvfBb4s6sEtdSs9J8ShyjWupQiC8VsYI2uFcnt8oPpzX0Ta3Onaz5V3A9veGE5SVdrNGSOcHqpI+lAHmvwN/ap+Fv7SM+sQ/DnxQPEUukLE96v2C6tTEshcIf38SbslG+7nGOcZGec+K37ZHhX4T+OL7wpd+E/HXiDVrJYnlHh3w7LeQ7ZEVwwkBCkAMAeeDxXvRAzn8Kds96AOR+FvxCT4p+C7PxGnh3xB4VW6eVP7L8UaebK/j2SMmXiLHAbbuXnlWB4zXg9z+0r8fNRllXQP2WNVuFDkLNrHi+wsBt6BtjAnr29Oc19TbaNtAHJ/Ey48ZQ+AdSl8BWekXXjALGbK216SRLMnzE8wSNH8wwm/BX+ILXlXw2/wCGornx3pcvxA/4VPZeDMu97b+GzqUupEeWwRFabEfDlST6KQOtfQO3pzRt6c0AeUfHGw+M93/Yj/CHUvBtg0fnHU4/F9vcyrMf3fkrGYTlR/rd2fVcd6PgdefGqdtXh+MFh4KtXi8r7Bc+DJrp47jJbzN6XHzJtwnrncemOfV9vOc0baAPC/D/AOyhpK/HDU/ip4z8Qaj4/wDEK3Eh8PQauiC08PW7EERW0K/LvGP9aRuIAP3ss3utFLQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUm4UALTDIFBJ4HeuW+InxS8M/Cnw9ca14m1W30yxhRnLzSAEgdep/U8D1r5P1z4ofEn9qVdnhw3Hwy+F83XXLuDGpanHnkWsDgbVI/5ayDb3CscMAD1P40fta6X4U1RvB3grT5vHPj+5QiHSdLIYQg8ebK+QscYPV2IHBAJPynz7T/AIK6XqNqbjxtNL4qvp7yPVBpd/KJbXT5/KCtDuUL9pQMC4EgI3AHFb/w/wDhz4c+FujyaV4W037DHcP5l3dO5mvL+XvJcTN80rfXgdgKveKrrVNN2WGk2X2rWpImn2yxn7NaQKeZZ24H+7Gp3sc4AUMygabGjfXSWOnz6jdsYrK1TLyrGzbAONqqgJJPACKCT0AJ4PjPxN+OGnaX4tTwlFLeafqicyWc13b26SzRsWlDSqJ0fYiYMQBILnzFXYoNa++N2q+JLGbQJJYXt7pY47ySfSPKt/ss4MQEcKXQm3h0dv8AWhgpBALgIeT8TaToJ1zVNG8VaT/wk2v2uo3i6h4ev5LYw+SzLLHqCbArxtIkysgYgh3k5AAx85jsziqE6mFkmo6Sfbz8z3cJl79tGGIi1zfCu/8Ake0+IPjJfaf4H0fUoLqPxhZ6gsMlvpfizT4VuceWGlSOWzjjWFQJIx53lSYKgKrbxjo/DXj2z8fWwVDLDqMUUMjQ3Z+do5V3RMGIHmRuuTHKAA4VgQrqyL8m6l8CPCuseTrGm+Hra8g1K1eZ7LUbmbEwmKMGXcXC7cNgADqDkMiivHP2kL68179mnS/C2lPcaxe6L4mhs9GWwm+0znTlstr8IWfyvtYn8vd0DbVChMDly3PYYys6UtNF9/3nRjsnlhaXtIa6/h9x+kzKVYgjBHXPGPT86M+1fBn/AASp8L6/Z3nxH/tex1KzdhZw2/2+GSNWkVpt8YLDG8Y+71OPavvRkKMQ3ysDgg9a+tPm9DFuI30G4a5hBexkP72Neqf7Q9q143SaNZI2DowyGHcUpwcggEH1/l9KxsN4duD1OmyN+MTev0oEbNFAwyhlIYMMgjuPWlz7UAL3/Cs/UNM+1FZ4H8m7T5lccBvY1ofxUnTgcCgChp2pfaZDBOvk3idUb+L3H+fpV8c1T1DTU1BAQximTmOVfvA1Dp+pP532S9URXK9D2f6UAaNQ32nxahD5cg5H3WHVTU+PyqlfaxFZuIUVri6bpDHyfx9KAKlvqL6bILXUXAHSK4PRh6H3pzahcakxTTxshzg3UqkL/wABqC7tUFvLqGvXEMVrbqZWjdgsMIAyWY9OBn/Oawxdal42VZYLiTQvCTwqUkiWSHULvOCSnRrdMZGcF23ZBjIBI7LVjXvOyLmrXGg6TeQ2c2r2cHiCRTPbxXFyouZgvXYhO5un8IPQVHp/xW0TUNPiuoYNauVLmFvsmg30+JB1HyQn/D8q4f4sWN/pdnpEvgrPhy2tbaaIyW101oyTn5luJZBzKOXz5hJGXwDveotb8fzHRdYvLbxeqWE8UqzatYypDHbyMpzIdu3aRkE5IPTtg1yPE01sz63C8N18VSjWU0r976fh+p6hqXjzQ9N0vU7m41CG1u7GPzDp+o5sZ3y6xphZwnys8ka7/ujeOeRXDx/EC712c6ppmteHNNKDyJ7WW2vJ5gjf6uYrL9nZwNrDhR37ggfHPjDxobvRL2a70O+tvD1nqUDNHFEUtrueMSlSEPOHdotzOmNqgfOQM+/+GT4fs7q7s4bsahqBTY3nXPmyKqHCqQx6LuwSefm5yTS9vdpJH0OC4So1pSjOq3a2yt+Z6VN4x1Um1LeKLSXaWE66bopi835sgAyTuFGOD1z14rJvNSv76OeGbxNrk8ErbsM1rBtXnKqYbdWwQRnLE/KOeucaG5JHlgxhlI+ZeWK4+Ug/z5zS3l9bWFsZ7u7t7WJAA0txIFQZOP4vpU+1kfU0uEsvpayi36v/AIYdbafZrcPFcXOrXo8vyvJm1G6njZNmw/unkKAkdTjk8nJ5p1tY6RoKqdO0ixsuWkHkQxxfMcbjhQOTtXJ6naPQVUuNQS8t4ZY5vPQruV42yjjttwcEdORjrVSS+CZYcDGSzE9PzrP2jPfw2QYSnrCCNe61eXzBIDh153LknOeeT71zfiT4hLpMckEMcmpaj5bSrY25G8qqkknJ+6PlGTkjIABPFcP4s8fXP9qTWNuGgsoHjW5uM/vJiXA8qIZ+UsBIAxPLRuigNggGiSLp5v7ybUI1uLtZVst6pNuYiGJWkXkfIVVuScAZydxabvqejChQjeFGOvfoZetXF94yuBNJPZazbWsxkmWSRV06OMOjqySKGOdqMpz82ZCfugA5PiLRRNpdnPpenMmpWN+t+bfTrWeKcL5gJgiIRXAki85BIQFJAXKj7ulLpH9reJ3sbnSY7mGOT7KbOzkaOe3RYF24m+QeSckkZU5fGG5WvVtA8M3XhPww9/Ks+ueIbi3gtkEjA+dN92NPlACqGcktjhSxbODVJNux5eLq0qFGo6myvr6HH/D3wc/izS7C/uNA1zVLRh9it9Jjj+zq8cRDKbmWSQRSbSMEruAO5cE5z774d+G2o6U1wdM0/RPCE4AW01CxT7beAqy7ZAsiLDGxjBVxskBG0FmC4O38MNBXw54cttMZ5GvLXcJ2kbLMzEsxJGPvOWY+544OK7L+o5/pXbCCSPxPNs5xGMl7NyaijmPDPh/TbGaOSWyim1eOPyxqFwPMuNoABjDH7ijaDtTavOdorqNoPJ5PvWXqlu8Mi3MZC/MoYnor/wAJPsfun6g9q0Le4W4gSVeAwzg9RjqD7itT5co6pAVInB2AkK7f3SD8r/hkg+xNW7W4+1Q72G1wSki55Vh1H+e3NSMqyKyuoZWGGB7juKy4pDp90RIflUBZGPdM/I59x90/hQBr/wA6yJf+JTqIkHFtNncPT6fic/QtWx6f5/zxVe8tlvLd4jxnkHGcEdD/AJ7UATn0z6frUF3bfaoGQHa4+ZWI6N/+rj6Gqmj3Jkie2lH72LIwTzj0/A/zHrWj3oAz9JuPlNu4wyA7AeSB3X/gJ/Qg1o/TnisvUoTbzC7iITB+ck4Ct0BPoDnac+x7UsmtJJDHJAvDjAeUEDPHAGMscnHAoAZqynT5l1BCFUfLLk4H/wCojH6U+bVjJtW2QrvGVaRCWYeqr6e5wPemx2M944kmZkx913ALf8BU8Iffk89aZpedPvprSQktI25ZGOWYnkZP4fmCO9AEsOmSSNvuHZWPOA2ZMe5/hHsoH1rQjiSCMJGqpGDkBe3+J9zT/wCH+VPhZUkUuNy9xQBHx29+aTaGVlI3Kw5VuR9PpT5FVXYKwZQeD6+lNHFAFabT7e4xujGRyMevriof7Ont8C2u2UDA2yHK/rkfpV6loAo/ar61yZbYSKed0TYP8yP1ryr4ifs5fCz4pXpvtW8PJo+vg701nSmaxvEYdG8yP7xz3YGvYuhz0Oc8UkkKTLtkVZF64YZoA+ddO8EftEfAVfM+GvxHt/iBoMe0roPi9Qlxt7hbgfKzEfxPj8a7Hwz/AMFMrbwffQ6P8bPh9rnw11F22/bGgaexck4ASRRzxyScACvSBa3Gm3Be3bzLQjmEjlT/AHvYY9B+FSXtnp3ibTZrDULO31GylXEtneRLIjL7qwwfT0oA9l+H/wAZPBfxS02G/wDCviTT9atpvuNa3CtuPcDnkj26V2Ifd2r80PjB+xnpmiWN94x+C6XHgrx7ZYuoLPTblks9QCfM0Dw52jcBwBhTwCOa+q/2Lf2lLP8AaM+FNreyp9i8RaeTaapp8hIkgnTAdSDzwSMZ7Fc85AAPoeiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACkpN3XHP0rzD4yftD+D/gpoc9/rmpwQvH8oiMgzvPReMlmP91Qze1AHo97qVvpttJcXc0dvBHy0kjAAc4FfLfxY/a5uNW1y88C/CnSJfF3isKUuPJcRwWSkY8y6nPywLjnBzIR0VTg15/qU/wATv2nrgX3iC5v/AIY/D2QlobGMCPWtSjP+zyLONumW3SkeleoeDfBmheAdBg8P+FNHt9G0qNt32a0Q7pX5zJI5+aRzySzEmgDndB+D+hWcK3WuxnxLqj3kWrLbahKbqw0u6EKoy2auMhBgkBsjPzYBrr7zVoYb6xtppZJr/UJNltaxKZZ7gggEqgySo3As33UByxAqPxzb6rpGjtaaSYf+Equ43ksra4VjGkaMvmzSeqoHQ7RyxZVGM5EfhfxZ4Z8H2UVsLvVNZ8S3LF7q48iSeeSURq8ihwBHGoG1vLUhVBUDqMzKUYfE7FRi5aR1Knj641vwr4Cvtc1V7Pwlb2LpcbBGupXkpDoscZOVhik3sFK4nTLg7hjJTSfidf8AxC8L6v4q0TxpFaeHoJHgez8c6daNb20mUZkPkCJkTY+0HzXPzLySCD5v+098L7bxPPp/xT/4SC2ufDcNtZytp9zDKXK+apCREEMpk3qCuFIO7nkgeUahcR33wx8QaZ4MiuY9F1aaG4GnM5dkeKdGkKNLyXUKeW5OVXGSDXuUMDTr0lKMtW9ey8jwMRj6mHrOEoqyWnn5nvGsftEeGfDOl6dc+NNRsdA0+7XbYa0l+t5p9y4Db4UnX5iF2thpEXoVyxRsanw/+LXg74qJev4R8RWPiBLEoty1jJvERfcUB+u1vyr4l+K3wo8X/Gr9n/wt4I0HTrOXXrHxDPqLNfXkVrK8EsbhWkLkJnOxRtOOgIDH5vQf2GP2dfif+zlb+NT4o0K1RLya1U2NvcxzXMuxJiPKZZNoOWACsAJNx2uGQK/n4ig8PUcH8n3PTwuIjiaSqLd7rsfY+e/ese8hk0e4a9thvt2P76Bf/Qh71c0nVrTXdNgv7GUzWswJVmRo2XBwVZWAKMCCrKwDKwKkAgirnrxXKdRHBMlzCssTB42GQwp9Y8qtoFwZogW0+RsSRjkxn+8PateNkljV0bcjDKsOhoAWnU2nUAUdR01b5VdGMNynzJKvHPvTLDU2ab7Ldr5V0vfs/uK0aqahp8eoQhXyrj7kg6qaALW38O1ArLtNSktZRaagQr/wTfwuPc1i2vxe8CX13Fa2/jXw7PdSusccMeqwM7sSAAqh8kknjAoA6m7s4r6ExTLlT0PcfSsqO/fRGEF/Jm2PEVx/Q+9WbrWFWQ29qn2u66bV+6n1PamW+jtNMs+oyC5mBysQ/wBXH9B60AM+13er5FoGtbXODcyDDN/uj0/z7Vl3l1ocF62j294s+vxo1x9mtVa5uwFTfkxxhnAI6ccnAGSRmXxdeXV1cWXh/TxcwT6ispmvrZghsrdBh5A5UgOSyKq9fmLdFJrdWY+G9H0TTtFS90jQ7GGSJ10S1ilm875PJUiZWG1/3hZ+DuKFmUbjUTmqcXJh2OX0Xx3qXiSFTpfg/Wrj78fn3SxWcQlVSdrJI4mXoOsX8Q98dHa+FfH+rQo0r+G/Dj723h3n1JvLG3blQLf5jzkZ4wOTni2sviXSp3vUWwtb++TZcrasWhjnx82Fbk/Pu/iz9761z9lqk82rnTZtVutOmltEiu7LUtSE001ztZnkhKsSgZTwuVOFysa4bOcq8IWXcz57q6QzxL4Na4V9YsPHsup20LiK8TQ1tkWKEtgqcLJIGRgQcv2ONtVX8G+Fo5jLfvNq0nl+Wf7Uv5rtCpXafkkdkGRnOFGcnPU5uX3h2OSGO7vL1bq4s7WLTYoY4BEogi3lDIEBy53Nk/KvB2ogJrnIrcxzSW7JskQk4bggZ6YPcdxXThrVoc70OOviXSk42Ol0+70PQbP7HpOnwWdpjH2ezhWGPpjoAB04qnY68+nrJbBVCLl0MnJwT0qlGoDbSACOuecf0/Ws7V9Uit4/Nnljh8vHzlwoyRxz3H0zXbGgmccsZJbux0E/iKduPNYYP/LNcZ+hrK1DU3kmWUuTInRieSO4rmJPEMl0xFtCzJ0MsmUHboDyfxxXk3xO+MkXhq+m0m2Zr/VkQPM5UtBaqWXdlV++4V9wXnC8nPAPdTwbk7Lc82pjuzPU/GHxT0nwno0mqXc/7heAwOd/y7sL/eO0E8ehJwASPn/xZ8ZvF/jLWEstFSexgWVi9laGNblIwwAaV3fbtZQ3I45x1xipqeiXfiaODxd4g1BbKGT5X8i0KziLiNY0Rw3yyna3T7xOOoI5Vr64uL46VokV9p2mMrWiRWcIlcn7OoZJIgpJcgN85UgAAqRnNe3QwkKcb21PJq4mpUdm9C5qkdtoukWmsXyQ6rf301wrSSNHNHagyguGRFKySHeG2HIG0nB24PYfDf4A654+ih1DVppdM0y5MbPLJvE900TAiXkKybgM9ehGCMHPovwn+F/2Owjm1V42v75IZJIUUKkJUEqoXcckHfg55Cj6V65Z65cW95BoWmWceoa2GC3HO2DT4PvedKRk7mz8ifekPHyqGdeXFY72OlPc7cHgHiPeqbHN+Gfg74O+DWtabqEOo6hLrrlv7Ms2lEzi4O4tLEm3cT+8JZnYoobJ2rzXbWLeJPGsNrB4pnbRLa3uJLiHRtJnMY5Kny5pVweD83lxEIQ23LqDnZ8L+FI/DsbSzXdxq2qy5M+pXhzK5JB2oOkcYIyI0AUHnBJJNrVLcxkXEZ2Hd8zf3W/hf8MkH2Y9+a+XqVZ1pc1R3PsaVGFGPLTVi1p+m2mkWMNlY20NnaQrsjggQIiL1wAOAM9qr6pbj/j4yV6LIw6qAcqw91P55Iq3a3AuoVkA29QVPVWHUH/PNSNhgQwyDkEeoNYmxDZ3BuYSX4lX5JFHY5/ljmp6yFY6bdMGJ2IAGP8AeiJwG/4D0PsRWx/9b9aAMe5/4lWpLcAH7PMTvGPxP9T/AN9VrcNjkYIyDUV1Ct1A8T9COD6Hsfz5qlo9wy77OX/WRfdz6d/6H6EUAXbq3F1AY87TkMG9GHQ1T0m4K7rWQbWUnYvpg/Mv0GePYitHrWZq8f2fF4rLEFxvZj909Fb6c7T9fagDU79ayNWU2Ukd+hCspw3vk4HHXnofoD2p8mrtMiGKIxs4BHmISx9dqd8epwPeiHTZJpDLO7Ie53Zlx7noo9lAoAJNTluGCW8bRsV7rmT6Y/h5/vEH2p9vpe7LTtktwyq5Jb/ebv8AQYHtUGmr/ZN69m3+rkOUYnJJ7c/QEfUe4rY9qAGxqkabEAVF6KBgAe1L97jHXI9fwp8MnkyKxUMB1B70kioHOzJj6qT1oAaO49agks4ZvvRj1OOOfXj+tWAMU2gCg2k+UP8ARrh4OmFzx+I6U5ZNStm3GOO4H95DtYfj/hmr3p1FJ6ZoA8x+JnwX+G/xejdPGfhG1ubsLgXxi8m5j+k0eGHPOGP4V5rb/s8/FT4Plbz4MfFi6msIyWh8O+L83Vv7JHcL8yDHYYr6ZZQwwwDD/aGazWsZrO5aa1bMbKA1uemc5znrnHFAHjGl/wDBQbx98HZIrP43/C/VdHtQQja/o4+22LAfxblO5Rjnkufavqb4T/tVfDX4zWCXPhrxLZXu4ZaNZRuT/eU4ZB7uq1xUc8N9C8EqKwcbZIJVDKwxjBBHP+eK+ePjt+xz4c8WaZd+I/h5psHg34lWTC807UNKJt0nmVg3lyIvyncQBkjgjuOKAP0WEme2KfXzN+w3+0svx7+GhstZi/s7xvoDnT9Y0yQbZIpU+UkKecentxklTX0xmgBaKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAopM+1cp8RPil4b+Feg3Gr+JNTg06zgjMjGWQKcDqeSAB7kgUAdNcXUdrDJLK2yKNC7seygZJ/Kvmz4hftbXdxaXWnfDDwvdeNNe+3NpqfZ5EEVpMIxJuuWPECbWVtz9icKSCK8jb9ojxj+1n4mbS/CVtqPhT4VoWW68VLCqtdlTxFaLJgybgCPNKlF67ScGvZ9Pht9B0m20yzhkhtNgBkIaWWcRooMsz4y5AClmPtnHFAHlfh34Gz634ih8YfFrVovH3iyNxNbaeQ39jaW4HHlRN/rnHTzH/4Cq16T4o8T23h+0S71GWRprlhHb28SPLcXTgciONAWYKvzEgYVQScKDV1b59SknsfC9tbeINRguDbXl1JciOzsHXBZZHXJaQAnEaBjuwHMYO6n+F73w9olzqMa67/wlPiVtyTtJcrLLETyY1iVtsMShcbFA9WLMSx0hTlN2iXGLm7ROX0v4yQaa2oeZo2kW95Zttlg1jXGilBDmNwot7a4DsJCi7Yy5+cZxwD5D4y8dat4w8Ya7ZeGr+7tL24hXWZY7fVntnk3xxWu5WQgyxW7WzRvlUKswXYTvK6HiXwDFJ4guPNv71Aly15bxK8ZW3nZi7OGKbifmcHcSCCRiuT8N+JprXxhBJDqUK6DYLI1xNJxLdK5uom3uEAKtO+ETIU/Z2ZQRgjbNsrthbKTu7ben+Z9HhcIqM41dzB1TUtO1SO71S00DTbG9ijGpSS6eUFzAqSK00e4hfLlO5myCDnzOhG9tbUNYlFnP4k8SaSniq50G1SC80/VJPtIk0959ySKzOimWJPOVmYZKqu59qsX73UJLDVlS/sTHLBMMmSJw6ScAE7h1GffpkVwevaHeaORD4fs3tbaeKQumliCL98dgjeQOQHXjBGD6MGB4/Fa1XE5fXc5ap6Svs1+X4H3UsFRxVBRjutV5GXBr2v+E9R0O0jtk1I6rbq0E02qBreZo1LNcQEByIs9cKOduVUj5uO0PSNR8ItDfeHprO68MrLHfDTpLuKK8SSKQOwDnaqfMrEHcQxGQyA1JpehD+1Ne8P6mI9SGm6nDJAsts0su2RnuUt4nlIBIHmbskqodufmKr8S2Pwz8YXnxPxB4b1b7Omr73MdnIwRBPySMYAHvVZfgaWJnVSmopWav16p7/8ABPPxuMq4eFNuDk5XWnTo18z9PLH9ojQ/FliNatbDWtL8V6fA8OpJbzKi+TGT/roi/lz43b45EGQFBV0JK165b/EeKPUINM1+4sZdTYojahpQxDIXYLF9phLF7SVjldjFl3AYkJkRT8oeKtMis5x4ls9Dk13xNZXFwku23jEV/CibZIljO9gYjB5q5I4SYbhvAN3RfG114W8RR3UlzYXNjJYXU6XGtWpg+0CZ1aWKTJw4cMOi7WAPyvsxXsYLP50Iw9qrwlp5xtv6/geVi8ljWcvZO0kvvvt6eZ9m49++On+f8miSNZFZHUMrDac9CPSvOfhP4wjv/DJtM3TLpMosm+1DfMsflo0Qcg5ZgkqKWbklSSS2a7tdTiZSd6EDvux9Oor7iljqFZXhJM+QqYStSdpxtYoxSHw/cLBKxbT5DiOQ8+WfQ+1bOKrzGC6ieKUb43BBGOuM+nfg1nWN02k3CWVxJvt3OLaZv/QT/jXWpJ6pnNyy2sbX8VJ/hS/59KFUyMqoCzNwAO/NXe+xGodSP0FUdWt7WayLXTiJVxtlPBU/X+lTtdGe8Nlp8P8AauocbooW/dRH/po/QfQVq3Oi6X4Rs18Q+M9WsIo4/uveXCQWkOSAMBiAeWUc+o4o8w30R+Hdn8ZfiO3xOgtz458T/Zm1lYyp1S4C7fOxjBfpiv2evLrTPB+my3M5aNAOqI0s0xwTtVFBZ24OFUEnsK1/FHivw94ls4LHw74XbUXuIt41SeAW9ijFNyFpWG9wSRzEpA6MynivMm8HzeG9Uh1LXbo+Ir61RoI754THFaEliViiywjGCRvyWcAAscADmnXjA76ODqVrNF60jvvFN9aa1rPnWFpEu638Osy7I2ydstwQf3kmwqyx/dRjnLMFcauq6kH3vgscYGG5644znA4P5DrVOa8N0M+bGUaTcu1wFXnIAAyO45BzkD61yPiHxxFHfTabpML6pqsO3dp9vIFa3DkAPMxOIwT3OTjJVWrya+JlJaH0mEwEKck5alb4hapZf2JqQ1a7jttMmikikuGIUbSNnGe+TjGOoAHv8+G3tPFmpXkPiKSWXwyjR3QkWNt9zIny7rhVG2KFcMpRwG3gklfLYL7X4002ax+zTySDV/EF55dva20AzZ6cpTMk5UrncirnzWG7cyqCm/bWE3gfS4oYrGFHt7e3hFqyRv8A62HklJD/ABE7mbceSS3PzEHy6dTlk0+p+mZdSdWKp/ZW/wCn5nOePPhynirQtVg01pbXVZkDRPHcTLCJFAALKpxggFSwBIz34rJ8G61Hqq6vDbNdad4jsI5xHpmowrH5U0odtynBDqWBK5JIBBIOVJ9R8tbeWMtgZXLEYPHXI+nbBryX44TI8N1dK8drc6OFvbKSAlbyTBJdo2zgKFD5VlbpnC8GvRpSfwXPosRH2T9rT6b+a9e6Oz8D642pSXpmv7qMRuPKivY18+VeBM6OgKyIGZeRnGT/AA7a0PE2oadqE9vYWt7HDqMEoliM2WxIEJ2MAQCdjE7c7ujdBmvPdP15YrfSr21W9s4LmJYDL5fnxWvmRLN5McQ+bGdnLAgBQFwMY7fQPCDXn2e/1OWe1edYb+exRQIjMI1AbONyj5Acbuqjnrns5trGtOcFH3ne40Wt5o+gypYobu5DvIzCLIy8pZyFHJ27mIXOcKBk9a+apP2wNB1y+h0G60q/mnF+kKPcLF5Uw3gYlUN6ntxwDjjFfZV1eW6W6LEYbOJk3LGH/eS464ORnknr696+ILj9j200zxY2oweJLm8NtqEO5Xskjj813RkjLeaWA+dAWCnG4cdcbU1H7R4ec180fs/7NjaOqle23z/Q978HQ6WdTtZIraxuZZLm7EE9rKS0TBmyREeFXaAgcHdjyx0Py+k/2Ot5bSx3Eayoy7XjdQQy9MHPUdeKzvAPhOLQE1G6e2CSXlwJWjWQu8SqiIqbzyQNucdAGwOBW3feJrDR5Rbzz5kk2nCwsRECcBnIUiNeG+ZiFGDk8Vnuz6elUlRo8sl6ljwp4ft9y2dpZw2ttGdxjt1EacnkgAAZJ9u9db4N02HxV4vvdaaN/sOhyvZWWSCk0+1fPmAxnK5aFW3cfvBgbubmuaM/w58H3vieX/SYbW2lluhCA21lTcvAPPT9PcV1PgPQpfDvhPRtPmuGuri0s44Zbp2LNLKqgNIT7tk/jXXTifjfE2aqvLkp/CtC1qUR026TUYh8vCTgd19f5fkK1lYSKrKdytghvUU11WRCjjKsCCPaszSZGsriTTZTnZl4WPdPSuk/MjUkjWSMo43Ky7WB6Ef5xWZZyNY3z28hyrttye7EfK344591961qo6pa+dB5gUl4wfu9Sp5I+ucH8KALm2quoW5kjEqoHeME7P76EYKn69fril0+6+124LHMi/Kx9e4P0IINWuexoApadPuj8gsWKgFHPV4+x+o6H3q59ay5ontblfKXLZMkAHfu8f49R71ZbU4WQGI+exGcL0Uf7R6L3685GMUAVtUha1njvYR8ynEg6Z/yOPTgelTNq0TR77f98P4mJ2ovsW9fYZ6Gq7efqu4MFki6FekI56H+Jz9MCmWEZt9RaG6PnOD+6YgAJwSAq9FBGffIIzQA8Qz6ltaQ5izwZFwg/wB1Op+rflTbFTY6g6TM0srkKZn5JJ+79ARxgcZWtjPOTyfXvj0qnqlr5sIkAJeMNkL1Zepx7jgj6UAXexqhq1mbiASJxLF8ykdf88D8ql0+7+1QgMcyLwxHQ9ww9iCDVnp/OgCvp94L62WQcP8Adcfhn+XNaDWUkdok7YCs2AuefY1gTf8AEo1ISgYtrg4b0DDk/rz+f0rf3RSRxB2KFODtGQVxwaACECeExAYkUlkPr6j61X9+3WrXnQ2rb4MyyA5DSDgY6cU26VW2zRjCSdf9lh1FAFarFvaNOpbcqAcfMepPSq9PWRlV1BwH6++KAGU+mU6gBNxqvcWaTHev7qXqGHr7+hq9DaPKhkYrFCpw0rnCg+nufYVr2WnmOfyYopWuBwVVR54+oPEQ93y3+z2oA4/VJPEFvomqT6Zojajf2kSsqyN5UOSMgyMASFxzuCngZA7V4r4f8Lw/s53Xi/4z3d9J/bGoSw3OuPpFq66bFHuCM8duCXIAYlpmyTljhdxx9n6R4HmlhC6jJ5dux3mzhclWY95CeZG9249FGBjh/HHheLTLy4srm3W70y7jaNoJl3RyRMCHjIPYgkEe9AHqnhPxBB4p0Oy1izu47qyu4lkjaMAjnvkEgj36Gtyvir9l/wAXy/s+fFC7+COuXLv4avI21Hwbf3DH57POGtix/jgJ2HuU2NwFJP2mGPpQA6iiigAooooAKKKKACiiigAooooAKKKKACiimlqAFzVLVdYtNF0+a9vJlgt4lLMzH9B6k9AO54rzX41ftH+Dvgj4futR1vVLaIwZDCSTCq/9zjJZz2RQWJ7V8o6X45+Iv7VXiiLUNRsNU8G/ClVdhcySG11LVOfkEEfJggb+Jz87DoeaAPU/H37RHj7xtZ3+l/DTw4tzqUOotpd3LfM9pDpbeUJPNuJWGWTawx5IJJBGciuZ+H/wF07wzr0XivxXqLePfHwG5dYvogLbT84+Wyt+ViGT985kPByK9Jurq38K+HbG3aJtP0O1gYRKv3I4Y1G4ksfm2qB6scZGeaf4f0zVfHsFvdW8cvh3w027fNqEDLqN7xlfKjJzbxsDnzH/AHvX5E4cgFDXNf8AsN0ttHb3WqavOpmSztYnkYqMbpZHA2xoASd0jDO0hQzYB0vC3ibX7SKBZ/Cvh+PUrmUQwWN34laO4uCFLPsH2YqWAGQFYqQ2SygZrsvCuh6T4TtV0qxtVjQI8rRySM0rk4BnkdiWdicZdixPfJryTxjpXmatqenLcwLpepxQQTPLAWkCxOzxNHJuUow3bQSGK+WjLhskxJyt7iuzOdSNPWTG6p8WLTXviVqVvoSxw6lHp9vYNLDsnvokje4luEhyzwynBgYeWrM6wXH3mhCDl7PTFvrq7bUNL1RdVW/mitpYdTa0LXQiY2/mRxSrgtB5SFlxyRldqgr0t18Oz8VdAefUdQNlr9p9kFjqmmW5t2s2t2d4nVQx3ZZ33rkKQRtCEBgvw71638Zanqra3o2l2fjXRpWgfUbNUZb61yVS5hlHLKclCM/IwZSB0rwcZKcld9N0elg60GL4Jm0zxvoU3gjxHBNqnhm9too7Ge8tWs2eSFyJY49hVl8sxxMCxDHLlWdULD5V+INrrfwL8XXWnSWN0fD39oSRWkUEQmVtwZleGZxuaRiVDLuOOy8K1fXfirR49BWLVdMguoZprlvtk1mkt09vG5Z5Xit/mXc8gTJCH7xbBwa8d+PngrXfHnhPSdVvZoY4dOmuZbyG8eW08yJZAIbgjblHEcYcqQCC5xgqAPcyHM3Tn7Co9/6+88rO8CqkPbQW39fcfLuvfGr4f/EZNBtbTxFb2msDdaHT76zncPLIUUMdoKh8jruwRnJU819j+Gfj3p/hbwfp1l4rlma6tbdba0uDG8xvwNwaOQgDIO0ndxgjP3xivy68F/AHX/8AhZek6h9ssDbQ61Czszyow+dJD8rICOCO3145r6w0bwToej+JLrw54g1KMXTmNIZbWORR9pYtsaeRDuWRt23GcDf8xIYY+0pqWLg4YqNrfJnyU5Qwc4ywk7336o+x2jtvFlinjrwTcG71G8t1Jt5pPJh1NEZQVmBX5LmNAy78AkBC2VXC6Xh3xDaeJLEz2+6KeNvKubOYr59pNtVjDKqsQrgMpxnnIIyCCfhG18aa98PviTpwMEltJpt8Y7W0W5lh+zonIhBYMNsqKX3gneHLANwx+sNO8YRfEbRLfxl4fe20XxPIohuo5FzBdLHIymKXbyYw2/EgwY2ORuUlX8bFZfPDrmjrFnu4XMaeI92Wkl/X+Z6myhgQQCCMEHuPQ1iEnw7MPvNpkrY94T/8TVbw547svEFxc2flyWeo2pHnWs+AdpJ2yIc4eNgMq65HY7WDKN0yQTRurjcjDawYcY7A/WvKaPWUkSjDKCCCD0I7/wD1qd/FWHb3A0K4S3klWTT5T+5k3AmM/wB1vbPStz37dM5H40WY9O4n+FHtTkUyNtUjp1JwB9Sfbn0qtDeNql19l0VUvps7WupDi2iPfn+MjHb8+uEBV8QR2r6PMLr/AFbqyx46ltuMLX5F/DX9kP4w+Gfid4P1XV/h/rGnaVDrFrPLdTIqKkazKWb73GACeK/bHQ/AcOmyJql3cJqupFciaYglB1OxMYAHvzgV0epS6VrOlLaSWqySN+7KgbgeOpz7Z685/OkK6R5VZ2sFnAEt0VI8Z47+59abqWpW2k2NxeXkyw2tvG8ssjfdRFGWJ+gBqXWtAuPCNyREXl05jnyjkyRcgAjI5U/0rjvG13HqMnhzTBNLFHqGqR7jBwzLAj3JVjkFVJgAPBzuxjBJCuZupYm8C2Ms0E/iG/ilt9U1ryp5Ledtz20IH7m36DGwMxI7O8h789TeWkuqaVe6fFLJai5geE3FuAHi3KRuU4+8M559qbGoZkLKxHXr7Y611qxxyW8TW8MccbR/Lg5Yk9Cenv8AkOtcmIkuWxMJPmRw+mw6X4cSWbUbnRtAjuI4bVdPsQLO2YxZ/e+WzYLNvGRztUIhZsBjpf8ACOxyXlxE95OLG5uY72e0ZUKSXEXl7XB27lGIYzgEZK57nMWp6C15cO8N/NZGa1msrjyY42EkMpXcp3KcN8uQegy2Qc8bklvFp1vAbZAYolVQMZ+UDGPUn8fWvnZSbsux6HseV37nIaj4Pksbe6uba1sZrmGW8v1aO3CXd3JKr7LeWUt9xcqMnqFQYUJ83EQyR32pXFlaalb6k1pBHMxltntbgEl1kjMEjbiqlV7ZXeqncyk16J4g8ePompXEcFnbXENtHbSXUk115MuJpWiQRJsPmtlG4LA/cC5JxXD+KXgsNWt7U6t9ntor24j/ALSvrcJZaa9wrXDGWT5RIxO1VXco/eLk7gpPp4SvKjJdjy8RRU07bnE/FTSU8VeH5tDtdSjS/m2zJDK+xJ4ww3IVHJQ56gY4XORkHlbPTbn4c+BZZLhF1a9sbaWVdrOQoJZgiljxGgIHABwpOB0r1QaHceItFuLjNvb2tzdQX7mS33XG+MKg8mcsu2JxGCN0ZZllkHG/AZc6TbzadNHONts6FHdiAzZUjCjODkEjdnoe1fZYXFupTatY+cr4b2c05M/Ojw/+2b8QfiV4o0bwqbLS7KLVL+G0MmmrLDMQ0gG1XMh2j6V7l4V0fQIfECJfWd3qfiBbmZUkkmWW1lnSRu+dzMgDYZhgFWYfMdxyvG37PPwo8Man9i8PaDcQ+JI5oHtXF1M6CRpEIRjIxQMwJxu+XkZIyM+tfBP4X/8ACJ2d3qF/pqxajNckRiXaZbe2KIoUbTg/Mu44zkbd3zCvVwvPSp3rddjlxkqVWSVBWOit/A8et6bONVj+1NOu1lO7KDIYBMYwQcHcMHIyMVN4d8F6Vo9wLPTNPhgnIbfO5LzbSejSHLEE9ieMVr6t4q0nQ3itrq9ggubr5LaKSRVeSTIUBQcZzkc9PmFdQ3hN/DOgjWsC7nIU3kJO3Zu5TB7jJwTxyCPeqnUnbmZlh6MeZJFKa8ulYaZo8dvJrVwuId+CltGMBriRcgsFBGFXG9iFzjcy9hZeF7fwfbi409XeQzNNdySOzvOWOWZiTkkDCjsAqgABQBj/AAj08Xmkv4lnii+16uWdJlIbNosjfZlByRgofMwoA3OeM8nv2w6kMNwIIIPoa+brT55M+zw9P2cVYIpVmjSRDuRxuU+oPSlZAysrAMrDBU9CO4rJ01m02+fT5D+6b95A3seo/Q/lWvXMdRk27HTb8wuf3bELubvz8jfX+E++31rV2/nVTUrX7Rb7lG6RM4X1B6j/AD0IBo0u8+1W4DNueMDce5B6H/PQgigB99bmaMOg3Sxncq9mBGCv0IqLTJhtEG7KhN8TN1Mfp9VPBq79OKzLm3aC4HlEZZi8We0nVk+jD9aANPHr+FZmrwtCy30WFMZw7Hp6Ak9h2/H2qT+2IpoRJAN64BMjHaiexPrnsM1CtvPqDbn+ZR0aRcKP92PPP1b8qAJJNYSSFJIEwr9JJgQB2wB1Y59BTI7O4u5BJKzJjo0gG8f7q9EPvyfeo7Nf7P1SSOZmkaTG2aQ5PU4HsOowMAEVsjp79s/1oAxrMf2TfvGxYiQgNI7ZZuTtYn/x0/ge9bHp374qpqdp9oh3KN0iZwPVT1X/AD0PNGm3RuIdjNudMZb+8p6N/nuKAE1Sy+22/wAo/ep8ykfqP89wPSnabefbrbcf9anyv269D+X65FWjWTd50m+W6QfuJjiVR6nr/j+dAG89p5Vms5kUFjjy8jOPWiDFxEYSPm+9G3v6UizQyRRbgxK/xIB8y/5xT/tEcBJtkKMefMfkj2HpQBWz/n+dNq1cqJVWdRjccP7N/wDXqrQBYt7VZo3dpVjCcc98/wBPeq9OEjLkAkA8EfToKbQA+m0uRz2qxb2DzBWc+WjcLwWZz6Ko5b8KAKM9mt1ghSsnZlGSPT/6x/UVW1TTfFP/AAj+syaRZW8t9YpxPet+6jYjILqCGcAclRg4rrtP015pNlpCzuCFYqwHXrvm5C+6x5b1YV3OkeA440hbUXEwjO+O2jG2GI5zkJkgn/abLH1oA+Mo/CEXwDt/FPxgRdR1vxdJ5N7rWp2UKxPPAhUP5dqrBRGiFmbkvgEljzX2z4D8W6f488L6Z4h0m+F/puoQLNE6MGXBAPUdfr0PB715/wCOPD50HVWKxiSzuNxCycqQ3DKQeoPOfY14N+z/AOJj+zD8Zn+FWoSsnw88UNLqPhG5kb5LOQENcWBY/wDPMncvrGw5+TFAH29RTQ2c8U6gAooooAKKKKACiiigAooooAKKKKACiim7qAHVFLcJDG0kjLHGoJZmOAAOpya4v4n/ABg8NfCbQ59Q17UYrUomUh3AuxJwBj3OAPU8DJr521bS/iB8XdL1N/Efia58OeHr+a3msbfS/MhvLi1MX7yKWKRQLdxL0YAttxwDggA6f4yfthW+h6w/hD4c6VP458ayL/x62OPKtQc4kmkPyxJ/tuef4Q1eP6D+zXqvxM8TW/iP4yayvjXWfME1t4dtyy6RZvjgkHm4Yc/M/wAvXaoABr2/4c/CGy8MaO1j4c0mPSrDLTSuAS80hyWkkkY7pHJ5LMSSazNcbVri9m0nRDJZ3UMZmu9YaLdFaLkjZGDjzp8BsIpAXblyDtR3vsNK51U0OheC4bCDU5la6uVMVhpVlGWkkKkDYsajhASuWOEQMCxUc1g+MLqLX4dETxNq8PgecTmaw0K31OKKa5f5Qkcsi7XPzZDRwMVJdQWkXrqaTnw/4Q1CHTLltS8UfZmikvtUlaaSaXHyM74wkZLBwkYChWIVR0r5xutH8ReLr7WJtW1TULTZawWDR3kcHnMoaUyGMp8q4L8Mc5y2OAhHq4PL5Yp3eh20MM6zZ9IeG9Vt7LR4dMtIY9P0i1jEVtHHGE2xgEII0GAoUDaTgD5T16V4no3hV/DPi13s9TuZUt45Lay3RgFYGkVykpx85BiQZOOFGQxJYw/C2HUdB1K9bUpIo4ngiDxW1zJKJWBcySt5ig+YzOuTyxCnLHjHVeIdy+VJEyyTKSUKArlsnBHtkd/SvoaOBjBToT6nsYal7GWqOS+Jd7qun6DfXlooi1LZshZiqKkr4UNjjhWcH9OSa5ePw/FD4hudMs4o9Mt7fTbGXS5YHBbMTXMckZVidyqs8S88/vuoO0iws2qfEPRde0rU1mCXemFHlNmbd7W4KsAqMyneowGB527SctkBcjUvFOlak2m3V7qEPhfxTaFvs1lrEvkZkI2SW5Jx5iMdo3JuyVRxkKKxq06lOHK9bbHpppvmaJNcvbzwXY2NrbXMCRSi4ne91CHzBJOzhzHiMp87s8jAD+6dqnBxc1zXn07QDdmJLdpGiDNdHCW5cgbpOckDOCM856jORyWmeIYtW12S+uBa215HKsrbbkTXSQkCLyUWNSskbScgg9WUsqyCuru/FNt9nglht7qe5klaEWaxhJ1ZVy24OVAAGDknByuM7gD+O5/l06bnVlLmhL5Wfqz6fBVoySUdGeX+INUe/wDH+lXsrQ2aahp89tcXiCTy2e3nISctHIpXKvtByMiQqWbgH0vw+oXw/YTLbC0LpveHDDDkkk/P83JJPzHdz82TmuG8X687eL9B1fTfMDLBDHI7QhylvcmVCVXO4uJEiG0A84GDyD0txrGpW/g2+uGE321s29nJNF5MkzOwjiZ0YAI25lB4GQMgDIUfk+PoTlGEPl9zf6WPaws4wnJv+thviiaHw7dWep2EU0F5PcMkzafbrLcMrIxYqhUjlgm5gMkAZ6V5NfKnheXUtMka7trG50yO6srqyeBYCtwvzoVG1SiSIzbYxkBpG5BLV1+oNq1xcXZs/wC19NFvHIsMjILqdLoorbDjzB5MgkQkDjMZ5UgZj1DSZF0OGy1qG8h8OWyQsZryGGW4tJUV9zIVDbFICguOmSFwp3LphJOjS9nU1T+/1X/DnNiaftJ88NGvy8xnw3+K3iH7dfahZyaffaNfXM8+lwfY7km8jhWOGR98eWhViqkHy5M4bp8or6E8E/EK28VWa3FkGhugiGe0klDSwE52bthOQwG4MCQQcgmvnf4M+HY9fHiHUdLvVSxt/K+zyWEKrg+WBdKrMpEq71XGM4Cg5LOzHqrbVNDhtUvZJz4Uk0+xiNvqlw8PFqxwA5ZihXIHyyY+8CCrYYelHHSw1f2MVp07/Pz7+Z508HCvS9q3r/X4H0NBrS7gDGuWxlsqGHr6YPJputeINJt9Oln1O4hsrQqA81xcLEqk45LOVwef89K8d8M/Et9f1C007SviD4P1ybZ5sq2C755AMscRC6JUKCpyS2CCeelaenW+kWuuQpd6jBrfiZS0kF3q8sXmQbh83kxqAO38C5IyCTk19Ksynh9Kste1mv6R8/8AUIVrunHTbc6+x+LGj6bcGz1K51DTk8wRQXepabc26TuWwqLJKiozE4AAPJIA6jPSa94gm0nTZLzWjdaZpoKoLO2Qm6upHISOPPZncqqqDySORzjyDVPA83iTxbPdanJbahaTyIDcXH7ycw+WqPbIu0r5T/MDlhgSt8uRk4/i3W9e8Ew2FrKbu80+2vGuLa6ggMky25gljMbYUjdEXDpIcZVNj88u45/GavB7ee5TyXlfvnsXibxpqGj+EXuNQtpPD1pHdxwQ6DpN4sDT+aypGlxeIGkVt53HydvJK5kXrL4B8ZeHGhk1218K2Og6pcTSQXmowutxO7K5BCysoaRcgnkgAkjggivmvwZ47kt9S1Czl0O1sGu4o45jr2+3sny5WSdsq253Z1UgkE7Rlzjcvv2k+Dddv9LuIxr+mabYQ4S0tYNH2KhAyuf3pU5TI425Jz6LUU81x2IlaMkuyZ0LLcJQXNy3Lvg/4xX3iv4g3FnDZ2iWkDTwg/M0sCRSEK0o+6BIoXHQg4O5wxK9t8QNe0rQ7OKbVb/NzIGitrTyvtFxdsNpKpHEpeVguCQudoZSeMtWfZ+G7vS7WBb7xdqzOyD7THYpBbRznLEZZY/OAwVUBZAMbTtBOal0TQNF0e3uINOhgsmllLOVmeW4u3K7d0skm55GxjBck9Bnjj6WgnCFq0+aT1/r0OCanUf7mPLFHmV1pPiXWGnSQXHhrR2lBNrZzhr24h+bdlwpWAHjGxi23oyk4FO98Q6bobTaR4atLWfWJB9pawQlEVpGw011JtONxy5Zss+1sAnir3iTxFe6vqF3o2jF7LTIeLnWwqBhNnmKBGUh22hgz8hTgDc29R514f8AEKxazPplrHHHEvnLKkjSSXu6N9iPcyO7F94UEE84AwXGWE1a8bO3RHtZdltWvK+y7m5Npl3Y6bq0yXi3HiS8tSq3zbo0SRY3CiNcsY4wzFgvJ5LcmufsdSvvD2i6td3Am8qJGNra6hdCV87MENKznGWxgFjg9+cDfvr5Ibeaad/KijBkd2J4AXJJ/wA/pWU0lt4q0+VIZLhAkiksI2ikjZCJFO117fKTkYIry6VapJuy0Z+lUcNChTUb6nJ6HZz+IfEkmoyTWV6YpEuG1RLdopo2Csj2qq2doUjJ3HI81hjd81dpfaeurabeWDu0QuInh3RHDKHBHHoeePeqapb+GLK4uLieSR5ZRJNIYyXeQhUG1EXJOFUAAZ9cmsnUPF1xJcxTaWRNGYlaKJraRpLmTe6yQryNjLtAJIyhJLAba9ezqyT6I9CPJCm43vfoc94J1iDwneW9lrdi0+r2cIEl9bwklAAEDMpJdl8vav2hQcjhyhBFd9qXjJP7P0ybTpLTUo7+bZBJ9q2wYCM+4OobJ+Qjv19qTWLbRrqOCDV7+KwWeQeVK1yLeRWBHzI4II5xnB788HB87uPFEPhTxU2m3cMN5pWoP5G7yERL+8P3DIdoTzvlZX/hI2kbdjCu2N5WaOCVsMlGT079v67nXDSX8XXVrrrvBFDdG3uyrxF5kaPnakhb7jY5wvOX67+Ok/saxm1KDUJrKOS5i2+XNtyevy/kCT7ZOMZNHh27bUftPnwJbS283lSpE3mIp2I+8HAyMMOoByD14J3FVosEkb8ZGQQcEYPUVtFO2p1wqRjGy1GuyCbCqoDjn25/mOcV1HhP4R6V4zvv7R1RJzC2LeWCGQpHPHuJPmgjJUbmPBB55ODiudtdNl1S4FrFnOVJPpjP8s/jivUND8XweGPDl3/aSSQNYxFpJogXVY4wcswAJBVcnoe1b01rc+WzrGSp0vYUXeb6dTe+LWlnWPCfifS7aOGGF7GWSZZthgljRBw4YhVGB1yPXtT/AOz5/D+oXOjXXEto2Iz/AM9IyflP05H51haL460vxj8IfihdXCXJR9MubOSAfuZoY3tnwc4IXeGbDAHlSMZUgdH408SS+KHs9bigjieKMMFXr5ZGdpPfr+tdsNT8YzXmhX9jbWNr+vUNtZ+sWbzQpPBxc258yP3HpV2C4S4hSVDlGGf8akx/jVniEFjeJfWscydGHT0Pp/n1qf05/wA9zWQo/sjVCg4tLo5X0V/8/wBK12YIpZiFVeWYkYH1NAGRJ/xKb8SDIt5ASwHRVzk/gCdw+prSnuo7dQXbljhVHJY+gHUn6VnahdLeQrFGdqsQUlKkkkHqi9W9M9Oar6VALiR4nMkHlrswzZlZc4ILfwgf3V9RzzQBNcSyakwh2EbWBEUbAMCOm9+i/wC6OTVu30FrfTbC9uHhmt7otGIYUKJbTL1iYfxNjBDHrg+oq3HCkMflooROm1Rxir2lSxNJPpt3L5VjqW1GlPPkXA/1Uwz74U/VaAKY5x7dKoaxamaASoP3kYJ+Xrtzk/lgEVf8uWGSaG4TyrmGQxSRnqrDg/h3B7jBpAeR/n/PFAFexuheW4cn5/uvj19vrxVgf5/z9KyP+QTqH922lGfoPb6HH0De1a47+v8An+lAGRJ/xK74Ov8AqGHAH93OWH4E7h9TWvkNgg5Bxj8ahurf7VBsDbWHzI2OjDp/n3qrpNxgG3f5SudqnqAPvL/wE9+45oAtXdut5bvE44bp7EdD/n3qpo9ywV7SbiaE8c9Vz/n8CK0SMVmavA8LR38I/eRcMo7rQBqVPasHZoGP7uTv6EdD/KqSXkTWv2kuqQhd7M52hQOuc9Mc/ka5K38YXnjKe1/4RSOCfRWc+frlzuEWFIGLZMZmzniTIjGc7nIK0DOo1rVLHw5ayXOq3tvpttG21pruVYkB7DcxA61gyfEvw3G10P7QdxatsmeO1mdFO4LjcEwcEjOOmRXm+tar4d1+Obwx4R1mbxN8R2aSODVrmXzWjk+UzrHcECOFvLRl2QYCbTlVKk17H8G9J17wd8NLrR/Gcq6nqks7TxBroSzWsBC7RLPkggtvYFmxh1AJ4Wg5I4iMqnItfNbehjW/xM8J3Fxbwf8ACRabDPcLuiiuLlIXcYzwHIPTJ9sH0rc0PxZ4X1vadM8QaVrTM+xfsV3HOhfj5VCEmRuRwvyjIywrpY9H1jUtLmn03T1ktY/m/eA+XIoILBUbDSkjOC+BnouDkXdI8E+E9U1ZrTXtOs/EUd5GL2x1DVLVJfPiPVGLLjKbwuPRhwOaDqNTQvB91qVwXuJvsYj4wjK0+DngFeIh14Tn1bk57nT9B0/S7MW9tbokfTCjB/z/AIetcrefB/whP51xpWj22j3ciGJ7jRWawkdflyDJbsjA/KuGzkbRzT7XwHdWZsJdD8X6/pttbhVbT7udNQimAcsfNe5WSfJBZcrKvb0AoD0OxtZGUyQyMXZDwT1Knof51n+K/D6+INKkhwBMvzRN6H0rm9L8W6ppOvWekeLY7K31C6kkisL/AE/zBa6gqoHb5XB8iUYZvJMjkpG7KzBX295xQB8dfHj4U3fxH8JLbaXKmneNtAuv7U8Pag5x5N6mf3bH/nnKPkYdwQewFev/ALK/x2t/jn8NLW/ljex12zJtNT0+biW1uIztkjcH+JWyD6jaf4q6D4laAhm/tG2x5hwJ1XqMdGr5Q8X6hP8As1/Gyy+Kumjy/B/ie4i07xXbj7lteHCQX5HZZP8AVSN2O1uTQB98UVS0rVrfWtOt720bzIJ13Kf5g+4PH4VdoAKKKKACiiigAooooAKKKKACk3UbvavIvi5+0VoHw1tRbwyNqWsXDmC2tLSNp3llP8EaLlpXyR8q9M/MVFAHpeseJNO0CCSa/u4rdIwCQzfNznHyjk5weg7Gvk34nftW+JPHurXfhL4Q6MdZvoWMN7q0kpisLA5w3n3C5+Yc/uoiW45IqOT4Ual8QLPUX8baxfT2moTw3UOh2pNvdRp5QE1teTRsfMVnG4hCuMAZI4rt7TR9I8EaLDp1raxWSwW7SWPh3SYA13OoIBMNuvzEBmUF+FXdlmUZIAPKPh3+zDYDxNaeJPHOqf8ACf8AjQH9xdajGqWFh7WltyqYOPmOX78V7dcX0Wn3H2TSNMufEurtE5M+0x2FpINyqZ5yMffUKVQPIASdmASMWX4c654q0yS71u5n0rSWiVpNBsSI7mTruSe7STCkqcBYSpDdXYEius8N61ofh3wtb6LpyW9lBZqsEcVnEscZTJ2FFXruxuxgck8HGKaTYnKMfiI9Q8HWmpWMeq+JLq21PXNNTzor6ZPLtrGQMWDwwMzLGVzt8xiz7eNwBIqfw/4gSCJ7NoWZFGwjP+qjOSAzZ42sGXHXA/Cvjz47eLPG3xA8fah4QvpYtP0m3uGu7WN7PMTRxRP5TGTgszbl3Lu4YZwShLYfwT1jxR4S8daHbz61M+jQ+dHLBPct9n2+Wy+QIc4TD7D9EXknKj245XUdL2t1tf5WPBnm1NVfZW8vmfUOvWUt942QGe1ktLq+huYr2eHfdWwi2bYIpMgCN/LORjo8gwfM+W74u09Li+81VZJg7ISjYzgZ4GPxHr2rE17UZJpmdHSd4mj2ywn5c54xxgZz3weB15x5/a/GbX9d+MUHg46NCNLjJBk2MbgKIt32jdu2+WWwmCONw5z8teUsJJSc6fbUUsRze5Lq9D1uzslvNB1fTnlaD+1LKW3klj+9GzqyA+7cD8xXlWp6sPCf7Rk2sXK6c2q3vha3s1cIbC0+a92fMxdySBGo5G7IRRwx2+l2LvHMYtzBoxnbnncCOnHoOvtWD8Uvh3ZfFDT5bK9tXv0Now06W3vGtG0u8bkXOVOTjC9MkFcbWWRyvgYqOrkerg58rUWdbpHjJZvCd5rs9mVFr9qaSC1k87cYHdGMZwu/dsJXgZ3AetcT8SvE8F58OfF8Wr6LBdfY7FZZLWyvWkSSKQYUtIFRk2YLEgfKgVsnOBT8A/E2bw/4g1jwj4lvJLhbC2gvNFvvssqy6jZO4iU4CAOwdogMcsXwAwQu3o9jPp//AAiupyaBpMcV3ZmQtpcUKWztcBN/lMMBckspDdMMG3EEGvJoy9hXhJHuVP31GcUtO58j/CvQNJ1HwydXTTo2vFuHt5L+Z1meUhOdj7V2ptfbgADO4ZJyS34jeHbPS9Nm8UpCBqVgYXSRpWEKkMuGZNwVigG4A5JKqMZwK734V+KtY8T22r/29osOmWVoTtmW2mtxkFt8ZDnO6LaobpjcAQMGvPo/Cvi3WtautE8Wm68P6BelbhtQkgidbNGl328kezmRSE2ndkJvDSbdrCv1GOM5Jy55ee99Pv1PziWGclHlW+nY5/xdHqPxW+GFl4juLZ7t7K72SzWdsrFrVInjEptyCQd42EBcfKXwOq4Xwk+KB8H21pYyyC1tYX8r7VG6iLcU3MrHd8khxggfKSAMg8D13S9B/wCEL8OxQaLfatfXb3lxDqS3mlyCBYjP5aToAilmaMq+wM2ARkqRzi698LIPGljd6hFbH+2befdBeRQ+U06KGAk8ps9gqZ6sACMDG3vw2Op17xa0b/D5nLWw9SlaS3t+J6Db32hfEfSoDcSpe2ocXEFxBcbZLd+V3RSqwMbfMQXHPLjI6VpW669pk1wLPxI7xsMRQarp8c6w/OABmNoSwwCvzEk/Llu1fL8PxW0v4R6RfT6il9Lp9rLIrSxojedI0xDqoJ6hmbGQOATzgkdt8Gf2pvB/xW8SSaJo9tqQuIbc3TG+tY1jCB1BJbedvLL7VhisPSpzUL6s78JiK1Snz22Z79CfFWqQ20Z17S5rYqouo10WUZGSxKn7Xhfl2jLK2GBPfAziuqaMfseq+NtZmVyGgjsLa3gIC8GMkRs6gkjBL5G0YI5qsusW93NapbQx2xuG8uCd3G+QgZzEjclsdx6ZrM1zQ9Zk1xUt57kJJHGEme9kjMcoZmMsqKcSjbsADA4K4wFY482WHS1R6Cxl9D0ax+F+n6zdef4la6u7WRBv02fUrqa3dAAcyB5NrMcA4UAE1uainw28GaE98fAGhQxaXFviW30WIFNrFwIiU+XLbmByOTksMkjnF8TXOhMYH1CQcD7PMsmPl64I6ce44zxivOPCOm+IbnxBqVzr91Jq2lypMLiGa5eRJ2d12SGEjbGNu5NvTDBcFQDWSw6s2ynjZKXLHU9i8I6h8NdesrmOX4dWFiYLhfPtTplsE3hAyOSmQxAkOMcjLAY6nCt/FGlTfESPTfD0msaNGsx0yLUbLV5gsLpbFgBYzB4gqqFG7YTxu27csdzw/wCGbBLG4s9NtLXT7NCshkgiEZkb7mTg9+ASfRcE8Gu58M+HdO0WFL9tMsbS8mj8v7VJCv2ny/7iyFS2DnnnGffiuOpGEEddOdWo0YmqWPjnRbWGaK+tfE2nea0cz3u2yv2Uty0ZjQQykDgoyRA5HzZ4bznVtUg1K48M+INHeJILHWhbaja3qpDLbtLBJAkRSTDRyGWe3wANzbwR8rAn3hpIWjlaQrGW+XmRfnU4425GOcnP9K8o+KHgOTWbO71DShdG7ht33WsMgX7WAC0anPyiSOVUkjkOCGXaWCOxrhlNI7OU6+wkjuF3KcOvyuD1U46GptQ1K7tNFv007yjfmGT7MJgdhm2nbu/2SSucehrx/wCH/wAfoPiVrGmQQaCunNeb45I5Llhc20scJeVZoSgIXcpUEkHBjOPnwPUpJ1EzByGdRuPJPr19Of0zXkVanM9Oh2rDzoyXOulzjfh/q3iVbfUp/Ej3vlQqpjbUkt1uN4DtNzFhSvCgds5wSu2qXh/WrrxpqUV7bXtre/aDZ3gvdN1SRodPhOPNtHiA2vISj5LYP7zkL5Sg8L8QP2qPg+IdW8M6j4+sdPuGV4LgpFLIEz0I2oQ/BHcqRwcjNd/8PptM8P8AhmXXDrFvdadqjR6mdR2/Z4ZI3ijSMgOxIBVY+Sc5P4DzZJ0vea3PZqQWKi23Z9j0X+zY7q6t5Xt1zE5Ec8kYdkyNp2nGckcEjr60f8Ifpjam92wm83zVuWT7RIIZJAAiStGG2swVV5xwQv8AdUjkdT+JUUdmZNNu9LnsFtPtNulxLh9Qfcy/ZrfkfvQ6gHO75nVdvUj0JZ7ezWOS+uYoN0iRI0rBNzucBBk8sTjC9SegpLmkeVUiou1jmvFzP5cNva24ur++l+z29s7KqlgryHcx6BVRz0J46GvJdYmk12GWcWEEkryW4W8urgrdaeYZP30UaorRlX2FCVcAhjkugVa9W8Za54bmkutOvJbO+eAK32Jdks7SHDKqpnh8YPbAZTkAivPZbM2Uk9m2nf2S1m6wfY2MYEYEYdSuxiAgVlxjHII7Yr6TAWqNRk9EeDjPcXMjl73wLoura9b6zc2Ak1CBkZZRI6qWU5VmQHaxB6EjjA9BW1JGtkyybQQwwTjCk+4/z/LFwIqhXwCDz07etOitXv7hYk5ZuPm/nX1nO7avQ+ejC90lqzJm+Bmk/ErXrTUdRmv7e3Xbayi0ZNksYdjsbcpK4LOMqRwT0yrL7J4xjNxDq9o4BsltZbqbypWEkkUUR2jODg7iAGxng9RxXO6frdt4Z8PXwumezNrHue5zhIoQA7OT/wABzuPt1wAKfw/+IVvqHwv+JnjDT9S+SGC7s4Z5BJHJZFYXkEhUAuP9YCMAnAGByBUSqOVOU30PTo0lCcafVmv4P0E+DNB0jw+VZYbWwt/srPjJh8tdoOAOQBzgdj6Vu7aZ4tvLvVUtZzKZp7BQInPLFVHzc9T/APXPrTbS6S8tY5k5Vhn6HuK8M+jK+r2TXluDEMTwnfGR69x+g/KpNOvlvrVJhw3Rx6N6f59atVjzf8SfUvOHFpdHD46I/Y/59aQGx/Osi6H9l3y3CqfJkJyAPU/MP03D/gQ71qTTx28ZeR1RP7x6Vl3lw2oZt1R0GckKP3nsf9ge7c8dKAL817HDtUZklYbkjTksPX0FZ8nmat8hCyRg52KSIlI6Zbq5Htx71FpNsjTS21xGsSr0gU8Ng87z1fjB54welboAUYAAXGMAYGKAIINFFvptjqLztdmRzbTB0AW0nBJCqvQIy4wep49eJ85Hr2/+tVnTbiC3uJYbwkaZfoILz1Tn93MP9pGOc+h9qgmt5rG6uLO6AW5t5DHJt6HurD2III+vrQBQ1Wz+1WuVGZE5HqR3H54P4Cn6ddfbLfJP71eG9/Rh7VZ3fnWTN/xKtQEqj9xJ1UdueR+H3vxNAGuPXvWTdRtp94s0YOxiSAB1z95fxxuA9c+tay4wMHIIBB+tQ3EK3MLRsSM8hgeVbsRQBIrrIqup3KwypHcYyDTLiFbiF4nHyuMf/X/P+VUdLnaNmt5BsbccL2DdSo/MMPr7VpY70AZmkztBJJYzcSR/c914/wAfyPsa0x6+/aszWofJiF8jLHJbDczMcDYM5zn0569iawo/iC+vRTJ4X0yXWbmJxE80xa2sUbJDj7QUIfaRg+UH5IHrgA7i0cKxSTiKQEN7c9f6/SopYTDIyN1HpzmuQPhXV9WV313xFcJFJAqSWGj4s4UbaNzCYfv9wYEhhIoAPSvKfHS6R40sbHR/hjYw+KvE2mzoZdQDQ30tvb/vWBS4umY7jKeGBJJDgHIxW9KjKs7R+b6GFWtCirvfoup9CrBI0bSBSUXq2MD2/wA9qW3tXudxTARfvSOQFX6ntWL4X+HvhOw+Ful6Zr/gLwneapNbQvqQt9MthCboAgE7E2NJsdgRHnln2gKa0rf4Fabq0MmoadoVvotxHGI4HtYjbuyKAvlosRxENo2gsSy4ByuKxcWmzVSTSNeG3SGZY41aa4IyMp83sVQ4KjOPmfA64BrsdB8F/bLhzqE+Ny5aGJiTKuejyEAkDj5RtUHt3rj/AAv8N/DWm6naQ2eqeIYLS/JvdPuG1+8lkWQsDJBKJJWDYIGAwJA3D+9Xc6h4B8ReXLJp/wAQNUW78wPb/wBo2NlPDCACCuEhjdgRgEs5PHWkUdha6dbWVuIIYEjiAxtVR09OKW0JiaS3YltnKlupU/5NcdZ3fjyzaOSSDQfEFoIf3wtTLp86SrGdwjRjMr7pAAA0ibVbktt509B8YW3iNWkFtdaVqdng3mk6iqpc26MWUFgrMrISj7ZEZkbYwDHBwAaviLRItf0uW1k4YjKN6Gvlv43/AAjHxO8HX3huWf8AsnXbOdL7RtUx82n6hEcwTA9lJO1vVWNfW/v1rz/4iaHHfx/2ha5eaEYm8scbfXPTNAHDfsi/Hab4weAXsNdg/szxt4embS9b01/vw3EfysPcdGB/usp74HvdfBHxWmvPgP8AErTfjhoKMNNbytN8aWkYO2S2zshvyo6mItsc9djA9RmvuPw54isvFOh2eq6fKs1pdRiRGVs9RnH1FAGpRRRQAUUUUAFFFFABRRTd2OooAdRSbq4T4q/Grwp8HPD91q3iTVLeyht4/MKSShTjtkngZ7dz2BNAHbT3cVtDJNM6xRRjc0kjBVA9ST0r5S+N37bUWm+IW8CfCzSLrx148nXC2ungMluCDiSWQ/JEgx95/wAARzXH/wDC0PF/7QHiLStT10TeCfhRdZfT7VQx1bxJwGUWtsoMgjAIZnI3YPSMAkdnrHgIvdQrqeiWngzwZqF6tjc6fozLHdXUQ3JC95MgXKMxUNGjcAje7gstAzzL4Q+B/E83ijUvFniu/j+J/wAQ2IhisdNAGjeHpMEuUuZQQ8wICuyh5BnAXHT2DxD4R8bWOiza7Nr8dmI4VkfT9FtA0wOB5o+0z5D4+bb+7j7E9MV23jj7Rpng3VNO8MFYdVW1YQCNdsauDwNwHXnhsEKecHBFeQ/CXxvcahpetaZqOrS31zb3ZEVrfX63NxboUVdsj7mPLiblmJGcA4XA9Chg51o86Omnh5VE5HG2f7SXiPw74N1zU9E1G6vlsbRJXsWu471phcb1UKxhDR3Eb7TuOY9u4NFwpXd+B3xIvPsMHh+S2iXRzbieNmgkhkhuCysQZGb9+0pd3aQcu25snzARneItBtpp77S7mGK4sbpGieOQApLEwIKnPbBxivIvGnws0KwmZxdfZItTldrm6vooTDC27zCuFRCWcjq7ckckkqD9WsrpwXNBaNfieysHCKvFbo+vZJJPC11c2LW/kwTKCkTLsf5iSrkMMt825O2flyK4fxbpoS8NyFYne8crEY5ADFRnpwTx/jXkXwq8TahL4outLtNR+26Ja6LbTTWck6yGwvHLFrcBQNg2gSbTgk7cL97PsOsz/wBtaNMscslvJLG0Kyxbi6nbgkEgjoOOO/vTwdOWHd+4UIum7s5kfu5EZFIdctuAwBz9PX+eK15r77Vp8Qdi/lr8w6EDLEc9T3PrzXBeGfDsvh+6vGeG1tFlSNPIs2ZkdlL7piWAJdtwznJ+UZJroJL6OwglmlKpAql5GboE65+gAr33DmUZdj0+VPUZcarBonz3QkZLjMCrHG8haTBPAQEk4UnJ6BTnioLXVLa/tYLi3YujAocqwPBIIKsMgg7gQQMYIPNZ11e6b4ugKxSXEEts6XSs0bQywEhwsgV1GFZd45HPzA9CBV8N3+nNbpZ2cdzbKU86IXAYNOrNnzAxOWyxO7PzAkFgNyk+ZjuaKU42+Z0UYqUtTy34peCV1a+gvIIm0jWV1aER6ha2iKmxnKwnzFCvISZMMpf5TvYAYV673QNHsPFHhWwnmUyTTlbt3inm3ifaEkIk+V+PmTtxgEAZFXNU33nizQrMrCbaET37s7KWDRhEQBc56zM24dDGBnnFTeA/Lh8MRT3EJsxJdXEiq2QcNPIUb5j94ghuvU8ccV+e5zD6zSslp1Xdnfhoxo1GYXivwqjafFtt2k0y1tJba7sbZW83yBtdJIdoLeZE8alcY4ZtvzBa4268UXWryWbXcdzeRzSxww3GnxSy2ksSzDzHaOPcJFkj2kfe2klCUKFq9tkjCMk6ruVSBL8gIXHXA6YOD/nFct4s8LeHkt7zVZfDum32oW0MtxHLNZxmRwAWI3ld3cnPXLNxX5BjaEFJxkv6/wCDse9Hm1cXuYsdlqctrJBawR+D9LjdgghWNrhuW3sV+aKPJOf4j0J2kmsPxd4L0q80K7Fji+1lUTM0sgubtkBUOib3GCyjaVBUHOOprW8NeH/C+swXkKeGtAuI4JFJuLGziMDOUBBHy8OM4PJ+XB/iKrkeLvDttDqZT+zI4LWQrG32bRUuVeEjDmT90x3BgFC8YGGO7kD5iUUpqpTem+3/AAbs7n8DU1fpv/SNf4f61Bb2qXUly1jp13HHBawXt4XkMqlhKV3ncvUAKdrAqdyg5FeW/Gb4Y6lP4D8R6DoUNzdXz2kdtYW9rZhEuYTJE5M8zZAZdp/iTlc4+ciptAt7XTPE91bRX1rbaPrllMkKrbrIpkjlKSqIQ25JHiMHGCufl2jCrXuljdW91pxNhMrKUZFeUMSHGRhwcHII+YHB4571zuo8DiI1qeuqevl3/G5CpxxdF056aW08/wCtD4w/ZL+Bvjj4d/F2DWPEPh6ex0xbOaNppJoyMsBgfK2TnBH519W+LrWWPWraazuZBaXUyXcq/YWnC3EZjESYQgqjhQSMg5QgFd1c5f3mp2scUeqR6i8Sqk09vPLvaTasiyvvg3bY8mIhTgEqcBcGl1SSK60y3Ejw6lNZQTJMl7aSzwhPMjWSVWYDzfK6E53OAehPO+YZhXzHFKvUSStbTVddTnwOAo4Kg6NO71vqdj4qttb1yzsJ4h5MjWx8y0W9eFLedlVg6lB8xQhgT1wTjqc9DJNLNbIspDyHkSYwWP8AeyfftnFeb+EfG13dXem2FzdG5DPNbxm4sZoZnSLd++MjEqxJA3KACGfsRtrZ1zxtL4dvHVprW1s4TG0kdwrB5o2bDyIwYABBuY5DfdOdoIY/P1lWlVVLbtv37Hs0/Zxhz7nO/EWObbrENqItSllC3d1avbeY0SpHjJfcMr8v+r2ln3uAQrFk0fD/AIqubrWIrHXtQne9uwbJtJh1m5hn09ETcGTy5U+UiPhym9g4JcgbRXmt2utJsLW+TydQ13VluX8sKzGOOTz1D7TggQwRxlhnqM9a6C70OP7fPez37xWLSrdzwMFC741UBi5+YKAikj1A5xkH0qOYywcVTT11+dtP87ehyywkK1T2sloraHV2dxf2ptRaeJ9Wigg4NtMYJBKNzMRJI8RlZucA7+ML3+auV8a/HjXfDmg3VtJc/wBuQl1s2u7Gxa1uLYeZsZw+10uCrMvyqF2lc/NhhVe+1w6nHCNMN/DFGwNwsdttnVSG2MqSr9wsp5AJHHGAxGD4o8GW174Ev4dTvHspprSQI80yiK2upQSZU5Uby5JA3YGSFIBNevQz2tzxjWdk3bz/ACIrYKlJc1KOv4F2Nm1rTbHR4dO00WumRRTraNP9oguElSQKXfZkyDBfdhg2T3bcNm302Sz8OJpsVyyXEdp9nSdRhgdgUMBnOemPoOtcR4X8dt4k8LxXWmx2mnPfrEifMqTtJKq5uBGvBVHZsjJJ2Pkhk2m/a69/wi99cwvb3UskkcSCxt737SY5N+1n3yMoG8zQjBIJyGIXJNdMK0lN8797r8j1MLUoU4JrVd+hTWb+yJ9Vt76zsrXTJFt7W5gjvGAzIWDSoCgJDB/mbI5ibklTXxl+0XpPiXU/jJrsmmRa7qNqfI2z/ZZFLYgjPKqigYz2UevfNfbX2uTxBq9zZ3ljsdZmsJbdoMyRRNAHMgnU4Gcrn6qMBql0dbTV7sx31i2oxXqG7t7i+8uQtHGQgJTaAh/eZAAOQ7ZweK+ywOaR5ZVVDWyv2fn/AMMcmZ4FZxQVBT5bO97b7/5nCfC3w7rGseCvDDNNIslpo9qsU+oW7xy2k5AZmiJUeYMBQwIIbOC2OK9l0jSl020S3iZ3y7u7y8s7sSxZsDrlicdPTFTIqxgBVAA5woxxXPeKfEFzociLCbaEeS0sa3Clmu2A/wBTHhhtflfU/MMA841ji/rUmlp5HvYSMcLRVO93FWL+veGX1KcOl41qHgktZDsEg8t8Zxn7rfLwxyOeQ2FxzPj74e2upeF9Q2C6v0tG/tK3sWKusc6sZmZcDezt+84LY+Ygbe3a6ppra5pd1ZrceRJcROgZhu2sy9SMjI9RkZ9a4jU/DFzpVncXm6zjtmErmzhllt4oZGWNUZPLUs0mVJwuDmT5Ru6+nh6sJLlua4iKnCUWrtnpvw5uLTVvCMMT21npsdpkXltZ7NqTYUnAH8LEqy7gGKSqcDOKmaYjexAEp4UMAeCcY6e38q8s8FeJrbw94uutLSa4eySxAkmuYjAsSoC8CtGMBSqG4TcQPkgt+owT7d8OdPHjiWfV7ZXmtbKdItpjZCbjaGVGVgCAQRyRj5lPrXp7uyPIlioYXDSxNd25enn29X1Ox8F+GBo+mG5udscsnLkop2YPAyc+v61oajp9vcK093bi406RTb3lvIxxcQsMMp54XGR06HNS6z4isPD2nxX+oSybJGEdvbwRGSWZyDtjjRQWLnDcdsEnABIzrjw7feNfOXxHGttoUgQx6LFIwkk53E3MittcHgGFcpgtlpMgL3xjZWPwvHZjVxNeVZv3nrfsuxjWa6ZrFjrPhrwFaX2maLqGDfa888kqFW2gxQSu5d38skKyHy0Y5zvBU+kbRtC4woGNvbHpWLosa6LINKVRFbqMWyKAFVcYCgdAABjA7g+tbWf5ZFVax486kqknObu2ZFiTpeoNZMf3Evzwse3t/n29a1+Tjjms7XYo5LP5m2TqcxBeWZvRQOT/APW7VVhvrrVIxGFEbgfvUjYcH0ZhwP8AdXmmQT6xJBcWslv9+Qc8EARt2LHov0qpYtLqx2POJTB8ryMm1Qf9lD1Pu3p0rTtdMig2FwJWX7o24VPov+Oaq6orafeR6jGMocRzKOSR6/59qANG3tI7YsygmRvvSMcs31Pp7Vn6nC1pcJeQjBB+YdsngH8Rwf8AgJrUVw6hlO5SAQfakkjWaNkcblYYIoASOZZoUkQ5Vhkevv8A59aWSNZo2jcbkYFWHqCMVmabI1ldSWUpyGOUP+fXH5g1q7vx7UAXbjfq9nHfMwa+tdltfMTjepyIZyfoNhPriqTLsODwfT+lSWt2NPuhctEbiDY0VxB182Bh86fUDDD3Ue+VurFtPlkh8xbiFNrxXGeJoWGY5B9Rx9QfYkApX1qLy3ZP4xymf73p9D/Wq+j3Rmh8lj88Yx83Ur0GfoQQav8AoRWZfwyWt4l1ChYsTuUdz0P5gfmAaANL/IrO1KFopluYiFYlcsegfGAT7H7p/A9sVoRss0SSIco4BVscHP8An/PSiSNZo2R1yrDaVx2Pr/n1oBCQTLcwpIvyg9Vbqp7g+4rC1zxpp+l6gdItw2q6+8DTR6TaDdKy4baXJ+WJWKlQ8hVSRjOeK808ffEG70/S78rJqemaClwtqL3Twi3upOQ2Rbb8LHGcAtP/ABbH8sco1ea6R8efE/iDw3LYeCdBOn20JFzNfWcgu7izjIJZZhMH8ydnIYsdzY8wkDbuIcFfG0MM2pvXt1PXLq7tdF1K2/4TnV7az3Kbi20O0vCbfhjy2QrT4DBTuAj+6doyDXFyfGTxL448eTeHLKNdJ0OR5olK2soulhCMY5iQ2cPgbAqj/Wrktg5+Ovj94i8dfCrTdJ8SrqEMep6lqCXDXU6ia4kmSMfOd6jGCgyF3DLMu7AxXbfsTfETxd8aviTdar4mu7zWfskmbua3GzEBglISTaMBDJsbrncMgEkmg8ypVr4qkqsdIX269tT6s+Cv7PcXgLXU1Z7u41K/tDIYLcOlsLVjGyF3OGAdkcgqpPLk7UJyPpHS/DlkZLbzXhnEiiVE3t5CEDlgDnLYPViWPtXN6DYssUkOnQ+V5YjTy5ZDgnaT8vKqR833c8gdq2pNHisfLaW5AtEcPI0MO0FuwLEZXgE5Jzwec80HVh4qlHlhE7S31zSdDs3VLma9k++628srBD05A+6vB5NcFeeIkjkextJLiWdZP7Q00x/8s5v+WkWSxIRhuxx/f4+WupsNDs7ryJpbeS9SR90jTylQF5GeSOc4PGfrzV3xd4ZtYLNZFmMD718pbOJU2ydUZgOoGT6cE+vIdlqr62OVtviHq+uXq/YtIvpQ0RZTNcBJCP4lVSOSNp4AJyprXt7fx9cYjt7jTdOSQlSiQmcwkEDJyyhePZs/3cZIz/8AhLtI8F3S6rqj/wBmWWsFrb+z7aJnnN8mS0McSgs7OBlVUEnBOPm46S3tfFXi5biABvBOhgqsEls0b6jMgPIKNGyQIygYzukw2SIWGAEKg5P3pM8B8B/BfxV4K+JF/Zaj4xtfE+u3l1Y30lrE5kk+zR3sLSX1yJF2wv5CTQoqlifNZUOEJH1rHbXDoEllCoOP3fVvx7VV8O+E9L8K2jQaZarb+YVaeblprhwqoJJpGy0r7VUF3JY7Rk1r0HVTpxpR5YbFd9Pt3t5IDGvlSDDD1rwb4jeA9PvbXV/Dmt2Yv9C1S3e2uLdxxLC4xj2YcY9CAa99uLmK1hklmkWKKMbnkkYKqj1JPQVxOuQv8Qo4o9PgMNnG2Rqs64BHfyk4LD/aOB6ZoNT55/ZD+IepfDzxPq3wT8Y3zXeo6KEk0nUp8htR05ztt5snqwx5UncOoJ619f7/AGr5L/ay+AepWPhjRviH4He4vfGfgx3ukhmkz9ttWx9otiB0V1zwOAcHGRz7P+z78ZNL+NXw50rX9OuPO8+FWYNw/p8w7MGBVgcYZT7ZAPT6KKKACiiigAopiyBuRyPbml3e2KAF3Vl+IPE2neF7FrvUrlbeIAkDqz4GSFXqTXkXx2/av8HfBXSTLd6lBLdyN5NvEmZXnl7RwxL80z5xwvAzywrxnwz4d8YfFTXrTx38YdRg8J+Cf3ZsfCVxKBeXzuwMS3p6IwyNtvHwW657gDPit+1J43+KfiK58DfB3w5NqV5tH2rWLzdDpljGw4eab/lo3fy4sg88tip/hj8HNN+A4v8Axd4y8YXHivxzrEQsptXuk2ouAX+y6fbIpbnBISMFnAPQAiu68YeIvEetQWGoaTbzeD/Ci3Igu7i+tUN01qxQRzxQ5/dBf+mwyBnMXau30/wz4e8B3F7d2sTXF8yF7rUr6dp5HC5baruT8i72xGpAXdwozy7NtJITaSbZw3iDw/4u1bSbm40hJ/C9talZo75yjahOysGIEBV0iRo93+sDPk4aNSOeP0P9pTw94A+K0vhHR/DpkOpPbW1xrkt6HvLi4Nt5iB96kvjIUsXJB38cc8NZ/G7xrpXxu1bT/EWszx6DqH2gWcMiQ7ZIvMIt2hUEOjKp5JHJBDB/lZfP/ixoscerfb0hjX5Fkt50IZvJLsrYIwQpcEheOo4r6PB5Vz1FGttJaHzWMzbkpuVHeL1PY/Hn7Vmt6T8WP+ERWz04aBJJDGvmvI7jzFGZ1kD7diMxDAjnac7civTmSTwjfNLO9vEt9GiK0gUhUYgll7fK3GBwFZcnGM/EfiTXpX0V7mcm5vLRVKKxwCqqRkEDKgKF4HOBx6V23ws+Klz4g0GXT5rmGSWxcxRNBINk6YV3CAk/NkjjJ+ZAevA9HEZUqcYun038zycPmzqSl7Trt5Ho3xo0F7uae9Tzlkt4jcxO7Ydysvl7wMZ+bd268c8YryW4Zprx5Y4XjmZ18xVXO2QHjbjtu3cc9xz1PsF5qVr4isbVGlYXQthbzyMrOqpHyityMZCKcEdx1JNfPOpeH9R0fx4b17vdBJLJced5riWRMNsjZMbVAblcMR0PG5q9DBv3OSSPOxiXPzxPpTw/4qm13w+DNOvmQqqhfmJK4JyPQDnPGeozmuevLptL16z1YFY4IfnfDhQETCEHjH3eeP7uetcn4O1QWVxMkLLHGVE0a7DtTIBAGMnOCCM9g3djWhf+KdF8TS3Xh+2vc6gsTK0ce9f3ke5XCuFwSDwQDuwD6V5NWi6U5KKuv8zshW9rCMnuj3XTbqLUIC8KT213DKcieCSGSPco27kcBsHcDyBwTjNUNQ1q+gvbq0Y3CkRI9lZwWJuIr2V2kEkU0gU+Um3YNxKAFyRuwUOf4F8WDXNPW7vpr/UNUvm+zSajd2oEc8qRl/s6ukaxrsQOeMDO7q27HYWtsryIZFJmVsgKoG0An17Z+vB/E/n1ZP3oz3XY+tpys4yjtY86+L3g2w0lvBXiq/N9rsGjajFpdw89yFktrG4/cq0bR7XLLObZgwJclA2SVBHr/hGHTLezSbSbhbu0ugtyLyOYzrcKyACTzCTuBRUw2cYxjgYqxZxRaxps9vcJ5tvcI6TR8gMrDkcYIOCfoBXl1p4U1r4WeINOsNIubmTSppnkE88KyQXkhbLRXO1QYJyApjnUhJWZ/MQylWk8SpDmuj3KM9NzqviFpN/cXtoI4dQnsBHOXi0x4VnFxhfJOZm27R+84yVJKbgybq52z0RLPRbBZ440vJYoxcSQs0kYZBnam4nbGCzbUGFAHAGa9D0XxBa+M9GF5bQT28qO0M9ldptuLeRcBopVycMOOVJUjaysyspPlvgvx0PEWs3GnSWEcUbQyXMaxymSW32yBQlwmweXJyRjsY3X+Dn0MJJ8rT3R5uMik00tw1S1kVWgkIcLOpI2lgN2Tx6dFA78g155bNqWia4bzUfPitGluTPLczp5DqZA0BRN2Uwvb5e4O47SO3+KNzqFjYpcWgnZUtJyrW9lJdl50K+Ukiqp2oSWJIxkZAK4zXGXbnWpvs73lrMNHvRIJ7mxMUXNvkrJE7ggr5hO7jkD0NfSYasmkmeDVptXa2PGvj5+zHa+MLHxPNba5NYJdlr63jSxnuQszTAvExRtqBi3GVXlhk4UmvNP2evgGfgn48l13UdZg1NWtGgFn9ldN4Z0bIIY9NpHHOSK+y/AM1ha+Ffssd1DeRKjxTKkOxUycgBD92PAyqnjZtwehPkXxbs4tF0sbJNQsr26nmMZfAhZBLuQQvEDKGMSsOT1BJwcGvYw04VaqVdNvZeRyVKlWnRcaTSXXzM34w6OdUs7PxBplwVVSLS4W5ti32aIF3EikMCBuyCfUqexrr9U1zX/ABB4H0y/sRdafdTSbruxtLhoHdQWT5TkFQxCMULDKnnOMN5H9suvEfhiLTheSX+orN9rg0+4keRZ4xCWWIykNl/mEgyScKByBuFnwF8WNQa407QJ3ivYY7mO1jkjtZomcMAflYkr8iknGSzKnbqfeqUrpPt+R5MJs9xsbzUG8PWEeqyNPeLAsc0gJ3SMq4Y7sYJHQtwCTn2rl9V8B3fiLxNazrcx20lrCiK0yEtakMzFoj2YjAOMYKg84wanjbx7N4QuovJht2MsbyhrhynnlSMRRgHG85HP+0uFbJx3Wh3AjvIpiu6Zzkg8kkn9M8/rXn1Lwhojqp+87s6LT/iXJZawmnTCzjtUu4rJ7RbvbczGUKBJGp4aMGQqRnBCvjlcN6pH4jjtwxysbdVwFOOOBx/Tn+deQXHhd7q41KWK8+z5to/PUQhnZIpDIojfIKZBbJ54Vdu0jJybzxUNW+zi3mvra3mZJJLlLeQymDkNJArJtlXcUywDAK2eTgN8zUh7WTd9D34VXTSPaofiVpd1qq6S94WnYlQqoVQOEL+WJAu0vtG7YWzgE9ATXNaf40uPGF5pqtocFzZzRf2tBY3NyfKvYAgXbcMqNsOZkcJtkDbOTjIHJeHLe1srKDVb3WLhYY7m4uRDcbEiUDKpM3yblcxncy5C7iTtB6WdI+JWiabqWpS6Hoenx20jRGe+SRIpb5nleIvGqoTNh0ZfmKkkELwQT5dek+XQ9CnX5ndlDX/B2s/DO91Pxj4P099Rm1KTdrfh2CcsJIdzkPahgN08cbJHgkLIkQGAxFcd4L8eHbq9tqGoJ4h0w20UGqSR6o822Rnljc7G+6/BLRrtJBUjd8gbvbPxLd+D717fXZLu5v8A+z0luLCO8F1NPInDzopf9zDwR82wMSoABUhsH4ufCKDxBdatf2sUPg3x5ZT20iaXLZJLcatbtHt3ytHKUaIeZOGwScwrllOwjyasVGyk7PofQYPFKN4zV0z4h+On7I/jTxp8UNc1zw/qGla1peoXwjtZWv085v3RYeYFUKvyxsR0yACM19beB/Dnizxp4E8J6PHJGLTSNKt4PMaGW0S3uolt1Q7mV1nKGJiPl2nLEnDAV0/wk1vw34202xmNhe6jFrdrFJDNrEVsxDQqxMarFyjLvkO8jqGwR8gb2C1s7e2tLe3gSOCCKMRxwpEAsYA4UAD5R047VhWrTqRUHbQ9um6eHqOavzPW77b/ANXE8E6DH4X0sWsV3JeXTuZbi4kRQ0khHJ2qMKMAAY7AZJOSdbU9JfxJfWbx3drFKLa4tGivLT7VHLFMY9w271+YCPAJLDDsCpzXCePfH174L+xLaw2gSWOSYTXkjCN2QqfJG3JDsG4ODgAkK+CB2d/Zvrmg3Nvbu9hPe2pQMyjfA7oQCQD94E84PbrXPFvocmJoxl78k3zXs9CWf4b21vZW9kt5cXelWskksen3ex0ZpI3jmMjMu5wRLIdrHGWPUbVXPu9D0+xspIYLcW2nySrLOUBLyFVUFs9TwBgnJGAO1ZculXGl2t9fGzttL0kJKZtF0m/mto4pdiLHP5kaqz5CkMqpnlSFZhltaG/s9U00pd3OwWkS2kz3Vu1sfMjjDFmR1VowQ28cAbWBz0r3cBUUJanyOMpyskcKzbWYsvP8Ix+n0712HhfSWtYTPKqiRueece1Y3hzTf+EovLq4gk3xWbqJNwZCHYbo2YEAhSCpycZV1IyOa7m3jMikODEFJQwtgbWBwVb3B4Ir6WtVVlGJ5+Dw7b55rYxfEGh2urWNwLm1W5spYnt7qBiU8+F1IYErggYLfMCCASeMVw+ieCdE0pR4R8Nx/arO5uor3X5LqZZJI4lDNFC+Cpy7Jt2AYCeYTyw3ddrHiW41q+v/AA/4ami/tO32rd6hNGXt7Ldg47CSfacrHnABBbAKh5vDOh2vg2aXT4FJivJGne4kxvnmb7zvgAEnjPAGAAABxXHzy5XG+h7KpxUlO2qOnrHh/wCJRqZh+7a3PzJnordx/n2rYzWdrJhmtZIG+af7yKvVT6k/wj3PrWZqaP8A9c//AF6ytUvIby1eBQJQ/wAvnHlQfbH3j9Kq2U1xrEYR5Ufy8CRl+5n6dX6H0HFbFtYx2x3D55MY8xuuPQY6D2HFAGPpkbXlw8UksySW427pv9aR/sjog+nPvW5Dbx28YSNdq9ff86zdYhe1kTUIRlo+JV/vKOv+fpWnFMk0aOhyjgFT7UAZ2rW7Rst5F8rpjee3Xg/Tkj6Gr0Fwt1Akq8Bux6g9x9eD+VSsoZSpAKnqD056j6VkWjf2bftbOT5UpBQt69AfrxtP0HrQBrMoZWBG5WGCD3q6V/tLTVkeTF5pcYjmc8mWzJ+WQ+pjJ2n2OT2qmelPt7qTT7qK7hRZZYTzE33ZIyMPGfZh198HtQAxl2kj+X+feobq3F1A0fQnkNjoe3+fSrd1ZxWbAW0vmWUirNaMx+Z4SeAfdT8h9wPUVD7igDO0e5O02smVkj6Bv7vp+GR9QQa0Ko39nN5y3dsu5kILnHAIzgk9hjg+mayLvxxbNff2ZpUEmrav5ZdrePKxwHaxAmlwVjyRjHLc8KaANXV4duLpX2bcb367cch/w6H1DGsO0+ICeIlgHhuz/t5TM1vcXsM6LaWzLt3bpOS5+bAEavyCDtwSCHwnf689td+Kr7zWjH/II06R47ENlid/R5zhtpD/ALshQfLU5J5z4jfE3TPgbpUbSWE12JIXFpYWiqgZI0yrEnCqq5VD1IDKQpq4QlUkoxV2yJzjTTlJ6I6OPwH/AG1Gr+LbpfETLKJls2h8uxhIxtCw5IfBAO6UuQQCu2ma54s0v4fzSveTqttMMiGLBkVsEDA7dxzgV8+eLP2jPG3jbweJ/C+nS6SitPbz6vpyi7heRkQworMvycO24gEKNh3jcBXxv+078PfGlpdaHOtrc6lcXDXUkkuntLczHc6NmZsbiSWOC+CwGcV6f1GVGDqV9l0W/wCp5f1+NaapUtG+r2PtZPibrv7QkGq6BGjaFp8tsGeO1DTSZLACCUZTnG7dk7Su8FeAT6R+z78A5Ph4y3L3kmqajJALTzWPk28MeUYJEVbfKfkAPzYIVfmI3V8yf8E37PULXw3rv/CQtfW2nw3LD7Peu6oZn8tRIVbnciK4GAQS65xtXP3rY6fNfGIw2UkdrLJg3Mkh5+XcpGCnop+XvkEgDA6p1FKmoxXLE5oU3Gs5TfNI6TTdMsbWdkl1BTLH+786e4UmMH+EKAdo5IwvQgV0y+JtG0GG4t7S9e8mT/WeVI7bSxxztXH5c84ril0V7ea0a4e3SSCQKwCqWuFcAcBwOMgjgscY9TXR6P4dg8qF309rjyznN8GKbc8gLjg4O4HGM454FeZKMIvVnpqVSS0RzGoeJLVnfT7We8uTeP8Aa7fbGpkgvB3IcBgrjP5sOdwBn03x1q/iK/MNt4eu/OUsJFlkSGSOQAhlJ2ljhlPHtXc+IvDtnNYmNDIQwVylkqx7DwUkBGPusM9eprmF1u08LefreuS2lhp7AQaorBYYLaZB8s7s3RZMjkdfk6knJzQW0fvFy1HvL7ih4o0z4p+MPCup6d4e1DTPDLXFq8NtcrMZmDEDH76MAx5BYB1VmXG4Amuf/Zr8HeLNE1po/FOoza9cafaXdo+qLdyzwASvbbbQSyKPPaJ7e5JKkrF5hTJJYJ6XZxav8TI4JZfN0bwZPGxe1kSa21G/zuUbh8rWkXCuFBMjggN5fzK3daZpNloem2+n6daQWFjbxiKC2toxHHEg4Cqo4AHoBWc6zlHl5UkaU6CjLn5m2CaedoWWZpI1GAgGBj39astbo0Zj2jYRgrjjFO3Z+tVNS1i00i1a5vJ1t4RxlupPYADkn2Fcx1HjnjzwnBYXV3ZXdrHeaTfRPFLbzLlJYnG1o2B4IIJ968c/Zb8YXHwF+JV78EvEF1JNockf2/wlqFy3M1iWwIST1kgOI27ldjcAE19Q3+m3njpUS4gbSdLVtwaQAXcn0HSMHvnLH2rxb9q79m4eKvh7a614JjWw8a+FZv7U0q4ZmbzXAO+NyTkrIu5WHcN9KAPpnd7U6vGP2W/jrZfHL4Z2GpgNbapbqYL20m4lhlQ7JEcf3kYFT+B43CvZt1AC0UUUAFFFFABXD2vijUNF1hLDVLWCNLhPMi8uRsglsbNzcMccnH0ruK8q8Tx3mh6PdvY3cdzHI4SGwuAJ4nkcgIFRiGXkjGDweelAHk/7Tn7ZNx8NNXi8F+CvDeqeKPHV8xhs7Czt2PmMCQzeZtKIinguSSCfu4BI+fLH4I+JYfGNh41+OF7aeLfFIi/teHw86PcaTocAkSNX8vePtV3LIwjjBIQtuYsVjxX2HZ6Dq3gmxgg8nf5ILFlzIpYkliFJ3rk/3Cw7lRXP2PiJvF/iXxe3iCSKXRLnT7HTGtTOZLaOTZPLIsuQER2juocgHJCDPQCqja6uNbifCvVtAvdLvbnSY9Ul1Nbj7NqE+syK955m1XVXZSy7dkisFjxGocAKuCK3PF1/pK2X9ia1PDHLqKGCK3mdYnc7Tjyl/iIzngnpx6181XWtJpfja8XwXNcS6SLu3cQxwF4ZYX2LJNLJKvmE48zY27a/lrtDgMK0/Gnh2fxhdyXS6j5cdxZR2VzHLb+ZI6KzsvluGUox3sNx3Y2rgDBr6mnlUKlpxbsz2VglK0ovTz3PXdH8R3F/p88d/Is17Z4tZJvlJLLwpAPZxtJ+p69/nzWre++GviCxWDVLU20enzwWs19ZyFdpaFlhfbIN8pCggjGdr4UknHpNvrEtreR3sZKiQLFOVyMnjaxz3zx9BXNfE4i+0dZ7hrNLW2m86eK+nMVtKgRhtlfbgYLK3KkZTGOcj2sPhXSbi1od9KjyaM2by6fUtJsb14zBceWDJA2N0eQDtPHYnH4e9eY/Hpr7/hAXlsb+TS7bzc3lxBneYQrAqpBAUM5jDOSqqGYk7QRVqb+39O0eCCzuJnXyWe2azCzR+czuyxOzgkRBSgD8ZCNkg7QewST5SM7uB+XX8uf88160Yc8PZnZGPNHlPGvhz8S/BPgWb+yreWfQLCSKJoNPnhuHkVsv5k0hKnYpUJy5AwhfAByfbvDPiqx1rT1u9Nu47uykGBLBzgqCpBHUHqDnGNvtiuK8Uw6hp4U6XHPDCts4jWxWFEWYKAhlLn7m0Y4GB82eQtY/wfaOLUfFL6TFZp4aa+R9PlsyrCRxEvmsOvyhlCoOgRFCgKAKyUJRkoP8iOWz5Wdl401qfTGsfLntbGOZmSS9vIzJEjBcqhCuuC3PJIHyY6sBT7Ob+3PDsMmoW/ki5tFNxbyHHl71G9DkdtxH4VN4k1Cex0WS6tgrPlEG5SwjBcK0jKMEqqsWOMZ2kZHWvPtY8Y3N9per2txc2L2a27pHcRqyDVQU+dLUmQ7WXOzdl/mIOOCB0OXLe5q3Y67wz/ZdzHcXOn6iusb8QvcfaFnICg4TI9A568/Nk5qzpHhuw0e4LwRSZKLFmaZ5AkY5CLvY7Rz0GB2HpVXw3bxSSXGojVItWkmCwNPbqojAjL4Hyk/MCzZOevAGABVrxFa3eoaS0NmzGVmjyElMbNHvBdVccqxXcAQQckcjrVTpxqUrTRorxs7Gbrhi0/xt4dvGidvtcV1pwkU4wzLHMARjpiF+cgdOCSMYei6ENR8LWVlGIJH0a+ntpbXUYNySbTIillBwpZHSVTz8rDgbuNG+0PUrjwrcReZPb3kcv2uziedpZE8tlkWN3Zvm3FSGGeA+3nGSWOrQf2vpmuQ3anQ9chihbcGH+kYzbyfdwN6ZjYsc7lgA6Yr4WtGVGbi1r0Ou6bTZ0mj6I2laHZWYfzzbxpG8mPvYGBgc4AAOBnpgZ71m3njTw7o9w1rfa5plrcwMDJbz3ccbAEZAKlgRjkc+vvXRSThWCRhnm+YHbwQOxz9DX5z/ALTfwL+Ifir44eJ9Y0rwjqd9pt1NG0Nzbwlo3AgQHB/CvzDFYCniK7VWdrHTXxtTCUlKnDm1sfe134msdPs4ZBMDbXTBreSNHm8xihY7AoJbIyc+gzWP4kvtLbSJILi8IttQt3RZrdTJ+7K4MgKggKqsDuPygEZ685Phjw2+l/CHwoupyXeiX2jaLC0rRonmw7bdVlQ7lbgbckYPKqe1XrfT7PWrO2srddS0CfTLZbcITEHaFwBn5d68mHqMMCD0zz+eYmKpzlGLT3t9+p9FRm6lNXXxJHn+reGNS8Xaikq6lb2muWsvm201rZtGlv5DsIjIC7gpKj8jjI2lchDTLG48Q6PK9xruqs+iubg38loVtWLx7hLKrrmX5UUkKPLG2I8g7VbuvE3iWDwbpcVvZWou9Q8rZZabHKqO4Uqo6nIUFkHGSSVHJIFeb3Hg/V21Y3esyai2uX7+WthpXlJp/ksgeQ7SAHKkNnzWOSFB+U15UFK16luTpor/AC7WM+ZXcY351vrp8+52niXSL+3aDSbuTUXjSP5NTt3Z55bRjiSJgq4LoSgyQTsYsCW8ysFdBmvpYrGSSxv5o7ky29hfXQhMEQm3lGhWNs+YiKeR8u8qqoBiuzt7qLxhp8Ola3IINRnT7dp2oWiNGzsjAb1DZMUse4b42DDD4O4F1HF+K9Q17QdYltYYIL/UnkW8h2FjBuZTFE7bV3qTtGIgTuO7D4VgOJKbajHR7/8AB/zR2XhZuWqJb3QrbwrbsrXkd5cMiEWSRLLPaqJHkUW77h5SKSwDyfd2g7htAq62vaPq11DLrGoSazBNcZs7Gx0+We1VkOQS0aN5jAEHJOzIyFG3dVrwn4Rt72EajqE32qaSSRpLWMusPnEkOZA2GkYcr82FChQiKBk1/iFDNp9012jxwwzQwqk81uZEgljmBRmkwfKjAcsTx904ZTzXH7SFSsqLk3Luu/3M35JQp+0itO39Mv6nrtqfF2kXdsv9ptPY3EVlJbzo0TsZYvMG7oMAKc542kAE8V0lndQ65prNJAVjkaSGSCYA5KsyOp6gjKnoecV434l8baZ4T8QnUtcsJodObTby9vbJIJHWbElttnjR8AFiFyCAVZGJPzbmj+Ef7Tvhz4jeLLHwzolhLZLMsvl2/kbFRFQvu3hsZJBG3aPvZ3cYOtbKMTUw6rUKbait/mzOGY0adb2VSavJ2t9x6rf2r+HdPubqzd7i7kMURmvGabyo92ATj5iqBiSc56lieTWZodrq2tLbXbXN3H5AWSKTVLZM+cVlWQCOMqduGBBB642kjOdPw74Xk0e5WVxajZE0LyW0W17rJB8yUYxv4I78uxyM4DZNJ1EeJDcBpPIM3mrN9qfyhD5YUxGH7pbdkgkYGQ2SRivLjUjHmind73/T+vuPQcW7O3yOX+H2jweCfGWs+HCtkd8S6jYPFAsUwifHnKQoGEMwdlUf3iOiitDxNpWmtqd094t/c2yp9rvooGjWJIyhQmRsrIUIiyyAkHygSOxX4hWs+kalp/iSzs7eaWzRvOluJDGFVVYgu24AJteZckHY0iORtRqxtH1CzvNShm1iDUoHW0zdTXn2hobmT5XBjYExmMAudoO3LDA4Br2YVpVUsStXbX1W/wCn3nivEKi5UJKyT09H/X3HWapC2kNbRWrXVlZssjyTWkHnzNL8gQNuVyQ3zEkjPyj5h0N3R9JhtY0uzp1paalcKHuWt41VmkIBfJ6sdx6nJ4rm7fUtGv8AxNBexazoxNzcBorgXirdbAgRoFTHzAsCcE9/ulhmuv8AEFpeSaO39nlzcM0efLYKzKHTeqk4G4rvHXqR25r2MDUm2qdRtOVtz0sNjoSn3sZeoeI10/UDAtpJJBGYvOm3qu0yvtTap++M4J6cHjJyK1rrUrbS40a7uobZJGEatNIEDNz8oyeT7daztC0CKa2S71SwR7qGVvs0l9smuIYxyqtIM5IOTwxJG3JJ5Mmo+GpdevYfs9xDBPHDLBtuLfz0eJypYbQw5+QYzxyeDX1kFTjOMHst2jeWOpU5NSdkvn/kdAvyoflVQ2PmAwcEYqrqljbXlq6XVsDDIF4XKkEEFWB6ghgCCMEEDGKxpdS1nQdesdMtrdbmONbeKKO4jlmku4ztjeQSBgAVHXIOCvO3IrovhXqieN/Fc1lqMcEdrb209wwjm3SwmORIvLlGOJMsTjOMq4/hyfZpUJO0qbKqZjQpU3Vm9Er6M8Y17R38VanY2WmQyS6hHqUyMfOaWW83f6O8TgBUiaRY2SNt/O4KApcsv118I/C+qW/gB7jTU0+yGtpHLJrWo3ZvWnhaIkGGJIoDtUkFRIEILEuuRg8zbeA/Dmk6vLr2q3z6WumTQ30v7yJLWcxMGSWTKFsjEY4IyEUHoRXdeBFvz4cL6jvWS5v768SOVNjLDNeSyxhkwNreXIoKkZByDzX0+Hj7qm9z8lz7OVj5cmHbUX8S8yHQ/DtlofinVLpnmv8AVLx23arePvmkBJbavGI4yfm2Jgbgx5PNdP0PHHPpis/V7UyRLOhxLGR90HOOuR64PP6Uwa5F9nDj55hkOoPyoQe7D8Omc5rsPjCTWrXzrUzKdskB3hsgdOvJ+g/EVXXWpLiCIQxMskg6shyf91e4PqcD3oW2utSZXmYxxdVBH5FV/wDZm/KmLGui6kWy32a64ZmJJ3D1J69T+Z9KALFvpbyEyXJbLcFA2SfYtxx7DA+tQzKujahHMihLSb5XVRhVb1x/kcGtn68duKgubZLy3eJxwwx9PegCbrjHP+eKZJGs0ciOuUYFSPb/AD/SqGj3LFXtJuJ4Dt+q/wCf5itLHWgDK0mR7OaXTpjzHlomP8S/5/rWtWdrVq8kK3MPFzb/ADqfUdxVqzu0vbaOZOjDOPQ9xQBV1a0M0Ilj4mi+YEdcdf0wDVixuhe2qyg/N0cDs3/6qs+n+f8APFY2f7H1L+7bT/kPT+f5H25ANfd82e/UHvn1qxb7Lm1FuwPmWSNNbberw9ZoR/un51H+8tV8fh2/z+FAZ45Y5YH8ueJhJE2M4cdD7jsfUEjvQBaltBa2813PKsNjCVBuDkqxYgIFxyzMSFVRyzEAZJpukNqmup/ZdudA8LajNAbm60vVcajqq2pwFZoY5olgbO7OGmA2jnPAyNa8VaUNSsNL1l10jQ9JB8Q3N1cSBUjMcojtrR9wyxE5LqFwf9HjOeVVvLYfCvh9fize/ESbXFvLKRpL6G1tT5yb5IvK3SXO4jYVfdtOAMgchQpDixGJ9ha1n312RsaxZQ+G77VbXVPHGsXFqu+4RoGt7dYUBJdg8USuEx13M2MHvzXi3xi+Lmk6Pp88PgzWNTvdYSwkzfvr92y2pwU3fZy5SaQAqwVlAJMZJIcE9d8WvGCeM7C5s9Ozp2jXMP2Rn2gPPG2CBEhUOcbdwdgOuAvc+KX2h/2Tp00tlHLql750Z8x7fz5R8wTKoi/wqxwB3zx2oPmMXnM+Zwo/ecT8M7STxxeWun+JIpoLzSYYRPHq8ji7lhKlVEYIJ8lXPyFTgFV+UNXsvhXQ/FOteJbaOwga18I2s6qIv3S2ywMF8wGPJl3tJyMDlsHlQ4rz268QXnhnxJ4Q1a7toDqEEF8Q1wnkokaywqskq43BfnzjcASVbjcBXv3w/wBa1PUtFstWttJSO6ukmlXCvKm1ZCp2Ieo2jzlIyMHBPHAecouc1N311Ol1n4M+CfHugx2eu6JpfiSeSd3hhl3SfZHCgMx4GGK4wpI+YjPBxWl4P+GnhT4RtLfeB/CdnpNhfLCLmK0U7JZAJAeowTt3bck8kjuMY/wf+CFz8PdevdSbWrfVf7RsTEcRNG8haeN98pLfPIGVvmx3ZsKSVX0vTfGHhPxZ4ivfCLXyy30Nr9pS3km/eq0as+1SRzJhi+zG4KobG3mg9+hzKKjLS/Q6uaS5uIXa6iUq4TE0hjYFTnawbcox6/LwaZNrV9Z2pkj0u9v5VcxuVClhhVH8LHaARxgjHvzS+F7xdP1CWzeFbRtnyR+VzgFiyqB2wVZc/wALD+7XYW9nNNNO8aK0k68CRl/elR/rDjjOO3txjNB6vsZPSLPM/wBm/wDaD1L41a7r+iXPhxdMGnxealxC7MYhv8sQXGQdkucthf8Anm4x8uT6Fr3iqbSWm8OeHrW31nxRGUEi3M+IdOjkDkTzYO4L8p2xr8z8D5Vy6v8AEHiS8s5I/CnhOW3bxReW8dwz3ULPFp8bHb50+3jJVWKRsQZDE+MKrsvRaL4LtvBum/6KTcTyS/aLy4lVd93MQA00mAMucDpgDgAAAAB1UqbhG03dnC6X8ObHwvq1/qF3eXep3euskV9ql66tLA6km3aPCqsSITtCoqjOCckkn0/w1qkmp2JW6VU1G2cwXUY4w4/iHswIYezCm65YwatpxZkEkMiFZFI6oeO3cVyVrrv/AAj1wL6+l/eWxWy1BsZa4iP+ouAByzAkqcDJy/8AdFBuek7vaue17xMbaRrDTI21DVSP+PeHnyv9qRuiD69e2ah3at4mUD97oemE9TxdzD2/55A/99em2tay0+w8PWDRwRx2ttHl3Yn8SzMeSfcmgDLs/DM2oNDceILhdRnj+ZLVBttoW9Qv8R926dgK6IDaMDoPauabXL3WIzNYldN0ztf3S5eYHvHGfX+834Kay5/7Jkz9ql1DV3JyWnuCEz6hVIUfgKAO3niS4ieKVA8cilWVuQwPGK+IBpN/+xj8ZfF2rQMv/CrNWki1COD94z21/cSiNoVjRGJSY/NnG1XXJ64H1C9j4bvVCz6fcRx7gzbLh9pI6Z+auU+MXwhv/iB8MfEumeDPFl9o/iSaydNKvxPk20gIYIdwJ2MVCk9VzkHNAHq/hnxJB4m0eG+hXy93yvGWyUbuM9/r6EGtivkj9g39oa6+JXg+58LeJozpvjXw7cPpur2Eg2vFdRkhiR6SYLA9NwfnOK+tt3tQAtFFFAHn0esar4evke5uYr3Spk3C4jhAgjkL4wGUkgBR/F1NfP8A+0h8aPirrOpW/hT4XeCbrWW1SWSK21uZgmkRIjFGlnmBy3IOI1wGH948V7d4w0uXRNGvtQ0y4utMnmcKZ4kKIm8hfMdcFTtBOfl7YyDVCbwffeF7OEWEqSW+1QkkO1TIAMLnjY/GDnCnA+8aAPAvhj+zHpvwB1KH4g/ES/vPiZ8VNTKWlpNLGjeXI33beyhY4jAUMxk42ojN8q7q6bwj8VPCepePrvStavJNZ8aWL3SLeyWixWsLo22a3swWJRVKDJc7n2sxY9B1vg3xBqHijVNQ8U39615ptqX0qKGIMn2CaORluZJYySSWceWJT0WHIwHYn53/AGtbDwro/i3T5PDBt4PG89ws2of2XEZH8uSNpAQjAx72/dM21SxyG5+Zh6GCo08RU9nO+vbp6nn42vUw9P2kLad+vofUniDUoItIlOtzx2WjSIRJ5x2QyKykYaU5IBx2AHOCcYz5fonj6W60Q6WZfOn05FghuIyzAwEKbeUuOOVYKeP4m7dfmJtYvvHHhC107Vrqe0vF8lnVwHSKRD829AQCuSTtyACAQTil8H6ldeEFhgWeN5LZpBIyxk5SSQyb1Vcj5WbuT6EtX0tPJ3DVs+Yq5wp2Vib4/wCkXFnry+K7a5EoaSCSVJ4y3liKb5SHEnCAKrEcZw2ME5FPTfFEnjjQ7mScwyTQb1R4SFSYBQ2UHYDp1OSpweRW34v16fXdJmtpJ2WbYUjmWRZCGZMbgAMZyFb73rXkOjXF5ptjdjTJbdFLxqV0+QXG3acSONw+8QVBBBOAD8zECvfpUXGMU1qj56rWUpOz0Z1zSLJYhSoO3B9uDgduvPr/ACrA0tb2DxFHM7yGPzGLyPLiJ48HYgUNlWDbfmwCdrfNhsGbQbq4W1xcszT5ZssFD7Qx27wuADtA/I/SodYa7+x7bMyZLoxWLG/bu+bYTwGxkZ6gZ/D0uVSjc8xScZWPVdH12aRo4I28wsQiqxCuuAQSRjBOCfr8vU9c7xlqkf8AY+oXNqn2uSEJ5ZmVtqNmPe+M9l/MK2DwK5XwxqF2umRDURJvyQsrgMyoHIQNt+XgEZx0z789Nd3jXVojM+yRVTjKDKhdvAAG7gY9gcV53s+WV0d3tOZcsjI8Fa9catasJmjknt5GRLqLKxTcb1YAk4ALFOpBwTntWt4VXQrXx8t5BdQz3Lb3aza4Dm2eT/WOUOWGSxGW4w3GAcV5tB4y1CxkRZBboGx5kk0bbbM4O5JTv5JORwVGcf3hW54Bjt7vUDqLaiBdxzSO1qrqGiZ3be74+YKwPyhgMBsEllzWVamnfzNKcpRep9O/D3ZZ6h9knkmkht5mnghM7+TFMwKmRIwdqn5z2wCxPLZr1i6/eNCUVWHlqS3pz/Fz7dfzx1rwTw7qE0kzMj/Z5Gj2q7/PszkIe2cHJP8Aue+a9S8CzSTRTzvb3NlFHaw281veX73e+4Vn8yVGYkhHJBBwCdoO1O/5lmtH2VVSS33PtMvq+0g4tnRajaSa1pc9irRR5dG3SRlom2SK/lMueVYDay8EqTxUsfgGy1bwrq+k6hZ21vY6q5kNhp+UhtW2KF8lgAVYOgk3qFIclhg81PYypJE7JuRiWUhuMAE89ccHKn6+9bkE8rIixxswxyx6Adjx9T+VfMYhdT6HDb2Z8ceLP26vAnwb+KV3pHiV/EEviDSWfRNaS1topbe+ijkJtrtTvQLMFYkqFAxO6/N5cZH1LpvijR9W8J2PiuI/2douqW9vfpcXChZHjmSNoy45O87kXbknPAr4P/af/wCCd/iLxl8S/EvxBPjDS7bTNW1SBZI2tpHa2WVkiV2IONgYgk9FUE9BX2p8N/Dsc3wj0/wZqt15uoeFRa6PdTWvyBZrYQyQSDcW+8n2eUg9dwyMcU5eyioODu2dVSLkmmhG8QaM2lx6lHe/6LI7W2xY280kkq0Zi27g4ORswCMNkDBrxuTTUm1A2v2mxvbEJ/ZtrbQ2rx3N1Z3JjaWdphIQdjCTc2wfNG+drNXpWl2elastvp0baxBdzSzanZ65IYDJdlAIXlAwy8rKqqrxqNpXC5XI1rzQIdB0uCCKRmWOZnM9xgs5Z2Z2OMAMSxbgY54AHFdsa6j70WedHDuUnTnoeX2ccumanqU863+oYurexuNRnMCrG23Mce1ApI3XHJVesnUgHZj/ABm8MSax4fuRBA32uxQTWZjcq6yBGBIHRjh3AVup7g4Ya/xA0t7XUDqkVncteCGJLD7FFCwuLwyGNVnLjIA3IqtlSA8mDkitC4Y6lb3skkU9tNEzRyQ3RHmo2PuEA4PyleQTkEMMg5r6jA1+aSdz5/GYfkfKfKEng28uojGuow6c08pS2t725NpJvEaqkxATe3zBhjuUyVYksd+T4HyWNuJJZrVWkeQtamP7RbRFlXmHcAwOELDIx8xAA5rqvF3hu1XVBrF3fS20FtFG1zGmCHjjZpPlJGV5LdOT7Gus8P61p/iqwnFu0jWySGJkmh2PG2AcYI5A3KcjOPfivp3Vlo09DxpU7LTco2mrCOKGOSbc/wAsQeaT5ycHg89c9q3rzWLfwvp8mp3UbywwbSI41yzMWCqvUc5bHpzkkDmvK/jB4Puls7e8tIprkRxzxzRwwGWTYybgwABC5KKpOCMHv96snxZ8fDo/wa8QXt1Yafc6xa20fkQXSNLZ6lGZI43ZQSGON7ZBJyoVgWGcc+K5eXnhquvkbYWMm1CWjZ9J/DTxRD43ja9ggmgCObO4imUZ3BQSAVJGCrrj9QDxVS60iTwraK8DT3k1nH9ktopt0gtISyAhUQBmChVbHLkIFz0x8n/sv/theIvGnj7T/CjeFNBsdKlwxj0uGSORSZEDP8zsCFDFzwSQDzX1Bpvwmu9I+J2o+KH1JDbXbzXG2OIrLN5mf3cj5OUj4C9zhfuhSD8zKVOU5Sbsunme6qVSm1Bq8h+krrXiiTTFhu2l8ktNPJdWyyWRuUkj8vyQrKZoSvmODubB2MdrqVHe+H/h7ofhSG3upbSzk1qSaa6kvorYRlHkYs2wZOwYdF6kkIgJIArKvvDurN4ls7iKZljkltmgnS8kjSBFOZo2iUYkMiKdp5zuwdu0E9L4h1CJZ0UlU/d7hluue2PTjOfYe2fDr1ZTaS2PbwuHSdupxnjbS7HUb+SW6Gq3Ucym8ubPTnSMlUXYzFywbaySFCoJLADAByT11nJY2a2qvfapZaTcMZLvVrJH1G64i+QlmWVjuCou4h8BVAAzlfOP+Edm1TV43v4rtthuhNOb+RoZ4pZB5cSJvyoCKgcEKCU6P96tq/0m5bXI5o0tpSJIJlvZJWW4tFRhuhiULgK6hsncMiRgQwAFcdblcPi1PToYefNpDrY5f4MQReDfGuvaFdRae88xkvLB4bUQz2sJS3eaB/lG1A88ewbnO1cM3yKB3+ufECHQ9Sa1ksJrhIoVurmaJhiONy6g4JBYjy2JA7LxliFPnGuvf2njrWNUgjg05ZJJLBL58JJK8kGm+QqeYdoLmO5jU8JvjUEFsg9L4Z0SO6tXutd08XFzbXJ+wjVAlxdwRAIwUyAsSRIsjg7iRleflwPJqTPrcPhEk3v0PSZdasdPt/MvLqC0hY482dwiE53dSfQfpXRW8qyL8w3MehxgjIOe3415Xr3hz/hIprG4iuorWaDzY1NxCZo2Rwu5SuV+b5VCnPQkYw1Mm1jW/BmsaJ4f0u1S7063tbVEZrWWV7naTG+2QMqIyoFPzZ5OTxzUxlcxr4O6snZ6nqGuaabm3eHeUicbSVYoynjDqRyGDAEHsQCOlcNe6sNSuHsPLmuo9XuZbG8uWnLXJkybZWnSOJY4EZojHG24bztAXJbbvab4wTX9et7e6+ysoW5Z7O1n3TwmJwgE64+XdktnpnIGQN1ZerTadoGqXTX+qXVkl48dwtnbKrvqJgzIoCBDJJIAvSM5IQAjAr2cPTd1JbHyVaDqLXc9c0fQ7Hwybq71fULnWb+7ijhma9SMFkQNtQqiKoXdJIehOXPOAMePXHiK68Za3e6VoNzLaeHpiVPiK2mQlzuIMdufm3v8rI0mMKwG0lt228tpq3xE8ubV4pdH8PTwt5ujzBReXRYkATujHy024YRqdxJAYjBRuhvNKgh02KG1gS3itkCxRQqEVY8AbVHQAYGMcAgfSvbSsrHOlbYs6Tpdromn29jZR+TawII0XcWOAMckkknHUnmotbhjks2LsEdPmjJ659B/n0qtHrjTW0Xlp5kzZHmFTg+6jq3+ealh02W4k826dt2PuZ+bHof7v0HXuTTGV4NSu9QjESLslUYkCsN/XqT/AAfTk8dKuWukxx4aYCRs5CD7o+oOcn3Oaq3Ea6LepcRKEtZfkdVHAOOP5fzrZXB5H3SO3f0oAyNRU6bfR3yDMb/JMB/P9PpnHrWsrh1DKcqeQfWmyQpcQvG4yrLtNZujzNbSyWEx+ePmMnuvX+VAGoyhlYEZBGCPUdxWTp+dNvn0+TPlNl4Cf5fp/nNa/rVLV7M3lvmP/XxHfGR696ALuc9Kp6pZi8tflH71PmX+o/z3Gadpt8NQs1l+6/3XHoatdKAKem3n261DE5kU7W/Hofyq3urJuM6TqC3K/wDHvNw+0Hg9/wCp+maZ4h8WaZ4ZEC3kzvc3JIt7O1iae4nwQCUiQFiBkZbGFBySBQB0Vpi4jNkyb2VmuLNQQD5mMyRZ9JFGVH95R6mqM+qWMN1La27yaxqCxrPHpWmqJbqRGICMVJAiQkgb5SijnmuWm03xP4umkiuLiTwtpyyr5A02YPfTBSTlpNpWIE4K+WS4AzvUnFdvpfiDwz8I/D9+NWls/DkN1K0haadIfPvNq71llc5kJG1wzFiVY85U1UYuTtFbkykoK8i/oOlp41GoaZf6xpttaJAkeoeFdGvU+2ROQpeK6uUcufmVwFjESkZyXBwPOL/WvDPwtSawtpLSw0K3j32624VLeFc4QfKNoy3y8D746ZPPBeB/B/hzwL4k1nxnf61Ffw3KOU3St5EHnSrKU83LGZ/kGOC5HRWPI4/4zeKrv4hQvpzNNpOmxOJEt1jCXAVXV8lMFUQFRw2SShOFzivco5b7Sainp/Wx4FbNPZU+ZrUrfGL9qi4axn0zwYy+bIYlbVreZXkUvuCrFHtYMeQu48qQ425QivKPBnhPUPE1zDqvikXBEe8eXdXEk11eSEgh2UHIchGG0tg7trEYxUd7pk2j2dq2nwSXspndXvVszcSrkFmICqccgZ7Djj06+48bDwXpehXcllZzalcRg3ZvJXEELgL+7O1sqzNuI5OASO2K+no4SlhY2gte58xVxlXFyvN6djY+HGj+JtU8VTyaqHg0G3glht47oxpGiqSsCxquZAoRWyD/AHcctt3fQNvo2m6fo0UEUNtJGSb2Zo5WWHBOBgqoIYAtxkgJnJPBHm9zpuv+JtBtfstjJpb6pZALNMHae1eWJw6AZ4bLHAH3mUEZzmul+B/w1b4dtd2txrUV7a3zx3cX2KExIcKVyAXOGZWIc5GFwMnGT51aal1+R6OHg49PVna3zXOn+Ik1HTLKSCO6lFuqxhS3mrFGrABlA5U7fXKqeOh6+zvmu7PzF8+2jlPyvCY0dspglizgEhmAztXA5OduK5nwX4y8J/EK+1W2stQs7+5s5UWeJmcu0bBYyyllG7kDLA4BIzg4FdT4enuPD+vT2E1v9mkLOwhVU82RsBsHnASRQT/vBxxxXhVZOLtax79GKkr3uY3irx9qngvQdX1p9DutWutNgmc+SwDcJuAL5JAbDcAdMEDnA6j9nf4wXHx98D3Opvo0ejrb3zWkskFw0sM+IlbdGxALcvgg8Ljq1dZa2s13dROqrGZEMavkkqoHyoSe5PGQecHPvm3OsarrskWkeENtrp7pJDf+It6PFbTgtH5cCYIllV1IbICLgD5ido5J1oSjZR1OuFGcZX5tDR1zx9pvgu6XQBHJrHiC6R5LPSbTBmmAB+ZscRRkgL5jYQEgZzXISeAZW1mz8TeMmE915PkXOm2sr/YbNH3hZ06NJLGr7DK44UtsWMMwPoeg+ArHwTpg/s+S5ubsYae/vpjNc3OCxzJIeTyzYUYVQxCgLxWtqaw3+miZguMbWViMEHhlOetch2+hF4X1Ka4hmsb19+o2LCKV+P3ikZSUezDn659K3dw715jDqUmg6jbQxrJeanYgRJaxENLeWTk7QBnG6MjqTjAPIDZrqBo1/wCIsvrb/ZrNicaZbOcMO3mv1b/dGB65pAN1LXrjWd9n4fQXTZMct4x228J/3v42H91c+5FXNH8KxWMyXd7PJqmpqMC6uOdgPURr0QfTk9yau3N1ZaBpryS+XaWkCgBVXAA4wqgDkk8ADOTWDdXl7fL9o1C4k0SwbmO0hx9plHq7c7PovI/vUAdLdXltYqGubiK3UnAaVwo+nNVZPEWlIhL6laBcgEmdcZPQHnvXJLcaVZyO9to0LSN1nuh5kjehLNkn86lW4srpPMn8P2c0UfVlhXjP4UAfMvi74f6t+zr8Z/E/j7wPFeaj4d8QRW88vh/R7VZpjeSSCM3MWSEEQX/WE54CNjI3V9deEdcbxF4a07UpIzE9xGGZeBzyDgZ4HGcdfxrzH4qfBXwr8avhr4n8JRzS6JcaxaNBHc28jJLbS5DK64PTcq7l/iAwa8U/YH+OGtK+t/B74hn7L488I3BsLhZTzOo4jmXPJWRcHPQkA/x0AfatFJupaACiiigAqjqWi2msabNY3kSzW0q7WTkY9CCOhB5BHIq9RQB5T4g8TTeB7O//AOEjZtQi0yzmvLeZ5EiW9giQuQXYqiSqAdxJAIwTxnHkVj4u0C1vL/w3PDJFres3c6axepFjTb25ClJIVieQuRFFEUDlEyId2R0P0p408F6Z4+8N3uiaxbrcWN3GyOpAJXKlcjPfBP5mvn+2+G+kw+ILzQ/EFpHZeLxl7DWBMdupxjcTNHGz7ROVUmdQPmJMmcEhevCujz/vr28jajyc37zY8o8Y/DgW1pcJZ37ajJL5PnRahKkkc0MbljHlEA2Es2cqWG4bt6jmHwvYTeHdJjsj5fl+ZI6wwZaJFZywjTIHyqCFAGAAAAAOKq/FfwX40tNQvWhgu7q3jHnQw2upywRPGkLII9gdeWlIkz3A2kqAKpeE5rlYbi3lm1C8tYNqxXWp27Qzs3O5cOilgBtw5HOTkkjcf0XB2kt7n1VBp6bmlfeMFtdSubT7JO1iJore4likTYk0m0xjaWzgeYhJ/wBpeCMlanjqaRfD7amJ1jn0cPeI1wm+P5YnBDDcDtwxP3hggHtivP7bxZJqmoS6vNa2l/f2C+Z9jjsmVYYTCZF33DZCyK+5Tn/aAQbt1d14Z8TDV7q6tZJ7Ga6hw6tYzB0ljYKwYZ5BG4Z6j5lOfm2jri1O8bm694yNKvIbjRdR8L3V/Z2OplXgjeGYOrmRd6lFO0jG/GwH5VwAcEGtzw3o50GK6kljtbL7TKrm2s/lgjO1U+UlV+Zsc5A7DGck5XiDwk1rbE6UWs7SS5gmuLWzhj35jZWDxbhjPyglTkEKCo3Eh83W/tcltpzX1k+sXkAuZWtbqCNlFuWIWWRQVCyKu0fKGJBkXAyStXcPiWw1eN20N+O39pzeCY7TT4PtEN3exQ32WdQLfDMxLKQcFggPXIJGOcGx4P1TTfDuliCFpYdBW3jntQwWbYrGQvKzw7lETEZDEgcMQduMdPp+kW0nhm10y5ZNVtTaJBI0q71uE2BSSCSCD6ZPXvXiPijw63ghr3UdA1KWy8PxtdRajol1ObgXcccck0iANtki3YYqwkOTMCVxIc5VeanNVY63JneMuc9z1PVjptxBBFbS3lxOWZIoSoO1QCzEswHQgDPOW9MkYt14hsfE2ktaIl4tpfQxwtdpEAsDzIpjVwTncQ6ZGCvzYbg1keJvEcGsCwRohbacI4bs3kls09wjyhvJVI0BIDYZWcdfmj6njWhtNNsbHSb2+spIL6VIj9hslkEZmWPP/HupIOwKMEj5Qi88CtnJybtsaX5mzmvGV1c+E7xrvVTNdWlyrSeZp0slksl0dqRK21+AEXrIx3FuBhQo7rwvfz6l4dsLi7KvdtEFldT8kjDguuQPkYgsOBww4A4rlNQuL7xZcWDQQtqNqbp5zY3lu0VlJb+TJ5bmUxHL7mjYqd2CSNvy7h82yft7XHhHVpvDTeDVujp909l5/wDabDdskKA4MWcAAADJ4GCTXFPGUcLO9WVk9jlnWhRfvvRn1W3i1x4mOnZtVX7QbZbbzCbnb5XmebtGRsyduMdDuLA/JVNNL26nf+GtQkjisNSU3ultHGoZCrBpVAxt3RyFJFJ5O8DB2E1s+Lri5stL8+3llghjkU3U9sFaZIMEsUDAgkHGQBuwW25fArDaS88ReD5Li3ikuvEGjzyXNrFeQiKYSIWCKwG3aZIW2EjjEpwOMVxZhh1UftEztjK2jOy8GXz6p4dtnvFt7TVowYb9LV9winjO18deNy5A6kMvrxqXVuJoZclgT8wjZDnJycjjgZ4/L1rldAuo7HxRFd2aA6V4hhE7zox2faY41APBIPmQgDIGP3AGTuGOvvZQ3AH7qbcPMYbQCCDjPZQcccivy7NsK+Vs9TDy6MwJGjkhkjmjWRXVkMbKCjAjawK45yOPfFcXNqFt4R1CW2s9PX7In2c3VwZyJFWRtiYBB3Kv+8ABuAyQVHaXcZaYsBw/b0I/+tmvMPjZp9lrGi6Tp89kZX1bUrbSXu41AntY5WJLK2CVBwVI6EOR3r8rxmHftVDZSf8Aw59B7Tkp863RW8IWTeLvFmoeKr6zVbeGZrfSX3MwmjTconA3EYIZyhAHEsh5DA1v+LLpI/Lj+xm68mOW9d1uzbGNUGCUcYyxyQBkDruIzynhrw/P4Tt5ftgt9PsYbWOMQxXDyxDywxaX5wNuRt/759BWhG2meKoSZLdLsQsG2XlsQ0b4BVtsi7gcYOcV89Waqq0lpF2X9dTHWjK990OvNHluPCcEOjOLS4tfLlsXfcoR0+6r8bgrKSjHGdrt3Nc8t5a+JNYhnknb7Dq9kiRLuaKWK4tpXdlzgYcbjlScgwkY4bE954gvdM1yNLqW6MMly8QtI7Qyx+SImIkUohZn3YzyQORt43HlPiJqENjby694bhF/d6Sq65dQWzRiKaPYw3t8wIkaISKHGSVyGDDaK8mnSnKaovrs+z7N+ttf8z1faR5Par7v68js9H1rT4bUhFmt4Gje8jnuTvNxGSC0gYMxPLKcNjG9eK8P/aM/ad1X4U6ppNnoen6ffwXkEjTpqUMyyowI+Vk3KRlWDYI5yD0rrtLtZ/EF9FPp9quoQxqqx2sNzIttar+82nzJMlcq0MiFFIIBIQYDCTxN8FfA/wAUry1PidrnWdVi3IbqOR4Y3fADKhQBDjYBgHPyn0NduAp4HBYxVsbFzjrdbv8Ar5nHjJ4vFYZ08JLlffoeOwXl98ZvgguvTvDpOs6hetoMVxFLLOZYppkDW/lvuOwAK4IbdmMerbqHwd/Zzn+H3jhNRu9ZF9ND59jPpNm/2W+i3wNiQkyAKnIOdxBU984r3J/hl4L0fwfa+EdMm1bSrG21E3dvLYrPI4uFB3bZNrZxg9OhU/3WAwdP+Hvh62aDGi2lnDbxLJO2l25k8mJIyVvd8gKziTdyCj5G7q8ZFfSf2xH2VWjhm4wk3ZOPR/O/3dTxP7LbqU6tdKU0lqn1+49D8K63o+gQXkc17pkc6hWuLPRwZYoHACsxCrwxI5GBgKOOCx7PT9Us9WtI7qyuoby2kztmgkV1ODyNwPbnPPBFYtnrNxotwtprJtobZ3WKzv4cxxS7s7YnQ/ccAKByVfjBBO0WtS8MQXl8mo208+m6iqFDdWrcSLzgSIQVkAJyNwJB6EZr83xEadSo5yur9Vqv0/4HVXPs6bqRjaNn+ZsD5cjtnpz+v51yGueFdAshZRxeG9JkluJ2EfmQJCisUZ2YsEbGdnpyferzW/imGNFTUNJuXDHLPZSR/LgY6Stk9ST0OegpLzTdc1BLqKa90gWzkeXHJpry4+YY3ZmAbjrx1we2KeHj7KV1VVvK6/4JxYpQraTh7x5/q0OlLZXmqf2ZHp9q6pK32C2kjaWLarNMtzGQCyvuK+u0YGZFrqPhPrkEngfT4jfRSTpFJO0Ekkatbxs5KqVU4Cqu0A4AwoOF6C1rHg2bUdLla51eaXUY4HWC4kAjghkYN8/lrgHg4ySSB0YEknhbjxVYRWgtJcSNaysqW2lmC+jhZp0ch9sis6F1CgFEbGdwLYavqKEp1aN4JtJrX5emp8pWq08FWvU0dump7rpkFvcQq+I7kTJujcudvqNuM5B4/Ed64rSdGt/A873V7cQxJFCY1a2RjPevuTEroqktJxjau4/O3PasXwv401aPT7iyttHvdJlupzcCa40mZkRSTnZCDtGQoA3Scl2YqOlb3hTWvDQ16OV2um1uWY2ZuNYBWeWQKGMat91c/K3kpgcHCgg4+uwde8OW9mebicz9o5RpPR/odronibXtRmjOn+HmwsKIH1O5FsFI5xtVXkHIwcoMAnium07T/GmpaeMHQtDmuJmeZ1jl1EsrYOdxMADcnkhh044qnZMLcJeQjzJBkSccDJIUDoc9CP58V6XpKwmFHQL5CqDu3Y98Hp9M+1fYZfBS2R8riqknuznrj4dwRXY1i8vLvXtRt5PNhGosjRQjOcRRKqoCOQH2l8EgscmusTVLdrSK4LYEnATuT6Ad/wAPWoJtXaWQRWSGSQ/x7eAPUZ7e5x361HYaBFBlpSHdzkqpz/30e/04HTivqFoeRdvcVrq51QlIU8uE5UsT1HcE/TsOfeq9vajSNQVZf3kePkbaAqAkcqOi4Jwe/INbwUKu0DCjooAAH5VV1G0+1W+FUNIvzKPXsQfYgn+dAi13J/i9/X3/AAqC+tEvrZoX7jg+h7H/AD2qHSrrz4NjHLxgct1ZcfKT79QfoaunmgDP0W8aaJ4JuLi3+V/oOhrQHFZWqK1lcR6jEM7flmUd19f8+grUjkWRFdTuRhuDdsUAZmrwtbyRX8IzJFxIo7rWjDMtxEsiHKMMintGWjOUJjPBOOD7fnWRp7HTb6Sxc/u3PmQsf5fofyoA1/8A9dY8ZGkaoYjxa3Ryvor+n+fatiquo2S6haPEflP3lb0b1oAuIjSOqKpLNwB361W1Kx+1QyW7jbIDj5uqt9P0/GuW1T4kJp+g69L9q1HQLLw8sA1HVdOiglvJp5CFjtYFmVow/wA8RZ3Urh1A+8WTHsPFtv8AEbTV1zQ/HHiKOZle1uNN1CzsBLDOF27vkgIJYMkvysVPmY45ADGVanCXI3rbY7jR703EBjkB86H5Dn9PxHINYWu+PptO1mKw0e3t7t7d1bUL64lX7PYrwdrKDuaVlbKIB7kjgN5T488c/wDCv7hJ5fHl3d6pDG072N3DZq1wgAONqov8SlQAc5OMHrXzdqnxU8S+LvEGsaTfXcRuL69+2rYWJaOC8t5IVTcZAWKlFQKRnDBAOVYbQ83FZlSoxfK7yPaPiV4o03xZpd5pekav/ahe6F9e6j5iz3FxcphFecDCIpARCMLhI41UL5eK+fP2ifit4p+DPgrwTBoGpQv513evIs9pHLBkiNsiN1OTukk+Zs9RjGMn0nwX4bn0aJ5b2eF7lII4S0aAIiqzbc5PzPjPJAHUgLXLfFK68P8Aj61TTGtbHVViM9xb32qwMWBkVQpB4JL7eGwwAjfAPYPjaOMjPFe2xHvLsYnwG+OOu/EDwbqGseK7/wC36kNSNvF5ECh3URK5Uqg+7y3ov44z9AeC9FF9b2NwifaLbUFE0DTho4vLbHzhBye4OV/iBIIOBxfwf+CmjW+jyLd6WNG02ScXcdpDO0UkeYxGx3I2d/P3cngdeoH0vY6DDa6Rp+nWWmyJ9jgaJFjy8BIVVEan0KRsueDls8EAgNpU6eJrurBWXY5vxN8EoNa0fTbyzljfxJZq0ttM88lvAEZ428rzEG7BWPcWIcAqpKsm9G1NHuvES6hFoM1zDeeIJLFGTTfEdo1vdvJHF83kX0RMEyhiGcLCzKJHJVQVz6B4Bu7Sa1t7Ca+jikUNIftBCMwbkFiRhCCuDg8MCccZrD1Px74H1DxdF4D1OSC7i1uaO2LeW8yoXIVFLKv7uXKqY2B3B/LbI4oPoKXs6UVt2NL4a+NJodXtdL1/SW0W71bzYLSHzDLazMhIe3jmABDjIdQ4TIwVyVNdFpP7PfhjS/ijF43trm4OsCd7j7OGj+xb2QxysFCbvM+Z8jdj5yxU1W8QeB726uNT8I63daithcWsTaTr3nAThtvlozzIAFnjfCMRjcskD7nIk2dl4N8RXnirwjDdefEdV05W07VLBYfJMV9F8kuxDxhvvopx8joTkORQelKgrLS9hfEukLtTVbY7JrJVimlbOPkkkVXOeeM4Iz9x29BUOs+OItB8J3Ov7Gzbxny4Yxudp9yosYA7lyqj1yPWsn4f/GDw5rfj7UPCN/fsniORmSHT7q3dRsEZcoGxsLeUm4gndgg9DzW8VLJ4b8TaBo0UlvJZ6hrlkxa6ZW/dwt9oVowx+ZgLcR5GWyEbnmg6KE1UhoekeAPDlxouiQ2eoXjX2tTAXOpahJnfcXBwXKZ6IDgLn7qBFHCqB1t9qMFvGyyYY45QEdPf0H1rndb8RwrqEcNtDNcahghLe35kPozdlX/abjnFVl8OteK1x4gnVo0G86bbPiNF9ZW4L479FGDwaDqI49SvNcU2+jRGeMOQ95cErbRnvjHMn0Xj1Irf0Xwha6Xdfbbh21DVCuxrycDIGScIOiDJJwKi8P8AijT9TupbC0Kjy03wmOMpHLEDjMZP3gDwSOORXR0AMIAySeB61xcmpJ4sL3lxFJF4ds5D5aSEYv5AcBsA8xg9AfvMeRhednxrdtZ+Gb0xyCKWULbxyH+FpGCA/mwqjfafFby6To1sClrGijGedqjAz+AP50APsdNm8QSfbL8ssB+5CpwCP8KpeKrO3tLqHyQseUw0a9AOxrslVY4wMBVUfgK42b/ioLy6S3jw4O9HPQjoQT2HegCppt5sj+xt8sc0q75M4wB2ran0e3nupTpcxguosEhT8pzz1rCvtFu9PXdND8n95Tlfx9Ks6FrSaRHOrRGQvggqe4Hf2oA+Lf2tfDOofs//ABi0r9oXw3ayQ2UzRaZ45sbZT88e5RFfKo/iXC5PTKg9ya+5vh542sfH/hOw1mwuI7iG4iV98LZVsgEMvsQQfx9ap+IPCsHjjwvd2+rWUN7DexPDNZzR5jlhYYMbDvkfzr5I/Z61i4/ZR+NFz8HdVuJpfCGpRvqPhO9uGLE2ucyWjN/z0gZiQOpRjxnoAfdVFMWQMoZfmB6YPWn0ARTW8dxC8UqLJE42sjDII6EYrzee2k8AazAkzG40KZ9ttNKS32Zic+U5P8BP3T2PtXptVdQ0231SzmtbuJZ7aZdrxuMgg0AfJWufHbwv8K/ht8O1122uxq13ocN3dXWgxwqY8wq08u5WVCjuzMFTcGyxA6V478SPBOg+MtSufFFreR22ozzLP5dpcRi2dkGxXMYPysFVfukISAQobk/Q1z4D8Pw+KY/AXjfw9aatp9s7T+GtQvkEoubdyd1vkjO+NvlZOQVEB7gL4F+0F+z7rvhS3ki8MXLLpFw5PlzXDRtD8pwrlQc7W2kZHHc8En6HLJUItatT/BnzmaRruOycPxR4Fo+h3Xhy8N6HgE4Typmt0wZiCP3knHJPvkjLDPpq6v4geOC2EEAkuZGaJFEhRWABZg5x2GcADnr2rm7Ww17Q9U+zXrXGfMKzxtL51uY9h2FJGG5mYhc987jjoazdfvpbjU2sLhCtmAWjVbQTu7hV2kAhvl+Zx0GCoBI3YP30bezukfnsoy9py3udnHqEfiDw75ZNxHFcQ/MvIIDL35wGwQPauL0zWRZalI95PbM0jm1BhbaR5TOQTH2zljnOOnGORLa+J/sUltHfPZWSEtC9rv2Nb7Qx3FicFeBjgffXBNbOo2IvWSWOVra5j3bJkCseQcg7gcjn9Pz1UbpOD1M2+VuM9ilYaOsGoG/E0DqzSSLNGg8yQOd2GbJ3AE9vQdMYrZjkW4hEqP5iNyGUgqff9a5CG1ubPRZLa4juRG0cESRzSRyb5SwHy4OChJUEEgHkAcnO54d/49Z3fCyvOxkjVAqowVUKqAxGPlz17+uQNKctbW6GdSOjbZFBf3mm6krXBn8mSd1Ygq6SIQ2xY0GW3AbSeAD82S3BroF8T29tp8t0qvNayFl2AENncUAG4gjD9dx4rmPE2oLA/lOseY4zOhacxSOwyNsWOrYJPvuA6McT65fR6Hoq2kcUKxOTmW6fcFAYlzgk72OWOD1IJzxWUluXF3toa/8Awlw+2I32S4N3GzLJDGVJGxUOQSVBGJE9zk8ZrL1LTLjTtIOqabcSXMLsVX7OrLKtq7q78x5diSiLkAcHJyfmEel29jHobT3tsxsI3DQSGEwPNGyocFUVchmJAXaAwC8Hg1Y1q8vNYtZbTSo7i3gMP2cwLFG371lJKSdcIUdMFSBjPIPy1yVPhOqn8SsejfAvxReazoNwLppnEdw5t5DMZmeA4zlzz8ucY5wffIHvek+LV0u41Cf+0NOs1isvtMFrdHMmpSHdm2gw4+f5FBPzY3r8p5r8mNH+OXjrw34ybT9O12Sxtf7RKNFBDEFI3hD/AA9wo49q/UPzdRbw/qkOmOq6iYJvsbcBUuNjbc5yAN4zyOcnNfBYySxsZKOjR9lChLAyi563Pbptlvcqz/MFkUHcPQ8ADp36dwT14rrNJZWjRPupg4VjgId3rxkHOP8AGvnL4M6r4vl8OtH4tNyjXym90p9TZPNuLYL85EiEjbvkRsMS2GyPl217BofiJUuVZ90Z8wqMLhc8+nBJ5HB9PSvjcTQ5bxUk7dT6XDS5rStY7PVNNt9Ws7rT7gObe6ge3mCMVZQQRkMuCvBIBByOxyK8r+GutXza5LFqF3a3E91p6RXbLHHC0moWMr219KVB3YObYDqAFUd/m9Pt9YW7iWaOXGduWxnepOQQO49/59B4xFHPY/HCR5I4GjkvLiK3MOwNFBNZWszeZsGdzT2cpLPzgADgV5VOL1TPWqNaM6TxD9h8F6pu0vS9P/tK8huL53uLj7PHtjePzQDtbbuLhiAoBOWJzV7U5otX0mO9VC0Mscc6h8LhSBgkE8YywINdPqGlWWqQwLfWVteLE4kjjuIldUZRgMARwRk4I6Z6jNefWfgu/wBO8Rz308dog3XDPfQyMbq7SSQmOOVdgAWJflX5mPHG0Eg9NKSkvM8ypeNRSMTXoluYtN0swxy3N5c+XEs9w0Sh0RpA3mKpIJEYIZOjdOlYnhu3ik8O4hRoyWYOxlaYvJk7m8xvmly2SHPUEHvXUSXdhr0ctlcWslxbzQm4hS8tGEdyA4DPEHADgMwOVBA3K2cMpPlXxE1zWPDmoQ3UElwmk/6PHAkEEbQzMZSHR/lLghSmAuAN2R0bHq4GbdRQRWLgpUnUWpn+JNDjvlngmTfG6vDKrZwykEHPfoTjFc74RvtL8NzSWdvbXFvZzXEii7nl8xZZY8qV3M7OMCJsEgDCtzzg9NrXj7TNQEEFiY77VpA7rEJlidI1O12dW+YYPA+Xk+g5rxtrl/HupCe2sYpJ5mWY6fArNCA6xy/vXJ2knbJG4+9kg7HIGftIVJSj7+h8jUjGLtHU8c/bM+J2vWHjjw8fCuv61pemyaSrmO0lntVZ/Ol+bbkZ424OPbnGa6v4NfCWH4s/A/TdZ8W6hJPYeXcyXlxPLI9yojuHJCHP8SgZI5AXo3GPfvAN1odosllf3yanqfmrbyXGHlhg/wCecAkIwMBgPnIZiRuyWArV1T4ieGvDt5e6FqTtLabTAwjt2mh3Om7yWCg5JXHYjnBI61zKNSMpSg20/I6/bQlCFOSSt1Pnvw38PfDHhHxlF/wrjSNS07V9sds4lvZBe3EcjDcUIkCxpkA7v9hgStfVHwR+EWp/D+0vbjUr+G4ubuONTb2+cKU3MC7nl3w+CcDODkc8eE+ENeu/hd4th1DS4ZdS0fUN8a+XGQ15bJMBI8jyFR58RJUKem49n4+yvDmrWes6XaX1m7SWt5CJ4ZCpAaNhuVsHplWzz7CuHNJOjTVOivcfXq+9zbAfvqvNUd5LoT33MqvnYDlU5AwxG1ep+98zn/PHEeKlY6lKu751A2FVO5RxgHj1wc/pXoVxDtSAKAo278Z2k544/M/lXl/iO1uTeM6RSTfePzKSMHrjjpgCvl6UrPU+to0+Z+6c1qXjC+8P+QyxxnfMkG67fZFGGONzHHAzjA7kqueaxrH4iatq2oW0sKfZ7b7SkYht4WuIJk84xyyGcKAoUAsvIwAGO4NtHQ/Y7q4H2eTmJvvK3Tv24Pc/ma1I9Njs4Vku5Gk7qgIySew+uD3HQ1zYidK+r+4+twtGryL3bvz8zP1u30bxJqd21pqljBrJsntbmG6xNb3EA3YS5gLL5iIXJB3KyFiAwDsGz/DniDWtDvLSyZLLUjeRtJY21xdbo5djkOlvfBcOVSNjskRZOrGRwGYRaz4F01LR5bjVGtLRZJL2K2nEYtraRixYsSAzL+8b5CcfO3OCuLV9HHoOj28Emqxpd6jrlnex30amOPMTxPKoAZsA29vJkknILZOM15qXO9FoenyqitXr+HmReFdO1PRPEU8s3hnUo3aKRt0cduJLjzGEg89xcFTKpXYDnGWyNobA7+x8ReK9SWM2fhqG2ueUePWtSSIqoC4ZVgWcNkn7uR93rzWJofxY8JarfwWuneJdJubiSX7PEq3SfvpM/cXnDFieAM5AOOhx36q2yOeIneAxI9ecdB7Y/wAirw9ua1jlx17XTuQL4d8Rak92t54ljs7KRiYBotkIrhV3H78sryhsr/dRDk5zmr0PgDS9JY3tlal9ZWNUOoXLma6lVeiNI5LEZyducZJPc52be8g+ypMWCxdgeTnPTA68VD9uudTJW1XyogSGkz+YyOn0Ge2cV9VSjZJnwtV3kOj16F7XectMPleIHlT6HsB9aZ5N3qmDK3kw9QuDz747/VvyqzY6PBZgHG+TJO4gYBPcDsffk+9Xzn1rc5zD8kaLf+am4xTDLsxyxGeefY/MB6Fq28jnHI4I/HvUF5a/a4Gjzh/vIcdG9f6VV0m4+UwONrIPlBP8PQj/AICePxHrQBdubdLqB4pBlWGD/Q/59KoaLcPG0tjMf30HCk907H9R+dadZmsQvH5d9CP30HJx/EvcfqfzoA0xxWbrFqzRpdQ8XEHzfVf8/wBavWtwl3BHKn3ZBkf4f59KutptykHnvA6xY+8w49yfagCjaXSXlskydGGceh9KlrIg/wCJTqRh6WtwdyN2VuOv5j81pmveMNM8Ot5M8slxflA6afZRNPdOpbbuESAttyQC2MAnkigB1xjR9UFwOLW44lx0Vs4yfTr/ADqXVPE2m6PcwWtzdp9tuA32ezi/eXFwQpYiKNcs5wp4UHpWBdWfiTxlE8NwV8LaRLCP3aFJtT3FVPLZMMJVtykAS5HIZTVm38aeGfgP4EvNRuNIlvtTgZLEbnaa5uy7syB55CWKjc7ZYnAPALHaajGUnyx1ZMpRhHmloiG5tPE/ijEV1C/hCxWTMtvMkc19IobIyQzRxAnrjewHdWJxN4H8O6b4Vgu7O1tRBcl99xcyO0s1yQAN0krkvIQOAWJ+XbWhbfFrQviJ4Y07xBo0N1AZC0U8F3EFdGV2jPQlSQy7dwbqM9wD518RvjBo/hNrqWC5gu9dtIfN+xNKPmABbB4GMLliOuwMcfLx0RwtWUuXldzmli6UY83MrHqd94ii8OwnUJWEUdudzSyYCAAEk5PUAD/Hvj5s+PfxFtPjM8J0/VhcPazrJHNZESRg7XASQAkAqrOQoG7nPTNeP+MfiN4r+Mt1NZyzm6spJnia2gKLaohj2hlkVSzNuI+VsgHccDAatvwzoy6Dpd5eajem5jUCS7ukiIVAiA7UUDjgA5PP5Yr6zAZasO1Uq7o+Px+ZPEXpUtmfOf7W3hbXL698GQaHa6vqsNnpjW7NbwM4jIfhdsYwvAPuTlu/Hb/s86pN4P8AhNaWeuWl5Bdi5mmaKaKQPCgYHzSpxx7csccCuy8UeMNU1eD+ztD89dPV1dLWOGZXeQybjCXxlTt/iIOQ57Bq9G8C/CG1njtW8QwR30sUzxIq3UjIGdtypvBBePAXIIPBwBgqK6I4VUK8sRf5GU8W8Rh44fl26nS6H4QnsZIptshScPM10wDMsWwkYUE467uvRjnbtNewaD4Nj0k2nlWy3NyF5vGZtomYncY9pwCRtUMcZOcn0y5M6rJeLbhbY29qDGQo3K2/AYJ8oI3KUbCn0OBxXZ+B9W0Rt+n6leLbRwW25fMG1U3Z8yJiQcFSeqtyrKcHLVyYqvUZ1YXD0l1NeDQopNPlWO24uoBK0iYEuTh1JYtjAYDBPTAO7LEVoeFIVtNQfT9SMlsJ3bzY5FAaC5KHco3Y2oyEyKDyQzABsZrg/Afxp0TWPjE3gmG5a4ha6lAu0VBBdyxhmaIPkH5djEnGzEbAMSQte4eONDsJ411K5nh3EKl3LG3zRYOY5155MTYPptLeleFWlKm0pbnv0IxqK8Nkef8Aw3+BHhT4f+ItUv8AQ47p7jUIDatJfyDZDG7K6rAgUfu2dU5O4jYQCOp7nxNpsOp6X/bcG6G4EUU+I1zIY9iuSB3ZCA4+hHeq0mpTzaXJJFcNPfWrkS2ls6mTepJbG44IxtYHHIIIGQprA/Z7+M3hj4jXOq6dp96/9s2zNcSW7RSqPIVguUZvlKBnAwp9OoINY1FKpB1NzWm40pqnsN1TWtT8RzaPoGjyrBqupyma/kVzm2tITH58i92L74o1IIIFxvBG016toOkWuiafYaFBbJp+n2dukMFtCoVNqqAAMDgAAcD0ryLwu39g/FzxTrsVk0GlK8WlWsjowEtuiLNIy5OAEmuWXgDhOc+WAPSrvXp9evHt9JtUvpI8o0xOLeLJ/icfeP8Asrk9a4D0joNW8R2umQSSPLGEUfNI7YRfbPc+1c7Z2+qeJAhtkbSbEkn7VOn75wecxxn7o9359qe2m6d4dxqGtXQvr6PaySXK7YYyTjbCmCN30y3vV7RvFTXWtGwu7Se089Gms3uSoeRR95So+4eQQCckc8YpAa2j+HbPQ4mS1Qh3OZZpCWklPqzHk9T+dXpZFhjZ3bYijJPoAM1JXO+Pbj7P4Wu13Mn2ho7XdH1HmSLH/wCzUAZFnfSawi+IdQhSOyiJOl2oYktnI85+27bwAM7Rk9+NjR9FN032+/zLPJ8yo3RR9P8AOKi1K3STWNN01FCW0ShvLUcAAHA/IY/GukdhGrMeFUZoA4/xd5H2yLy/9YqlWwOPYfWsyxvDDiCQ4tZJFeQY647Vp26SeJrq6XaIoyfMV8fdPQcd8j+QqK/8LXdnGXQi4QddvX8qANWS0sfEE04tl8uSHaVuI+Fbvivi/wDbf+GOveDfEmi/HjwhZySeK/CqLDrtpaj59V0rI3OcdXiHIPYAcfKK+stL1qbSVlSJFYSc/N/Ccdf/AK1dC2iNqmjbbs77p8vmTBUZGNuOmCO3vQBz/wAEfixpfxm+HOkeJtJuku4LqFHZ0PUleuO307EEdQa9Ar4O8G3J/Yx/aOi8NqrW3ww8dzyzaVFzs07UM7rizGfuq3+tjH+8vevu2G4S4hWWNg8bgMrKchgRnIoAkooooAKKKKAExXEfFrw7o2ueE5JNZYwGwlju7O8jXMttcKwMTp778eme9dxUF5Zw6hay29xGs0EqlXjcZBB6igD5w8ZWXijxP4B1G1e08v4g6ebee9tLIxmaS1klKi5hDHC70SUFTyrRyIucKT5Aun6v4d09P+EnL2F2zs0ct80aPIhkIiZivyljx07nnB4H0V8RtD8ReEobTWtMgtNU/sbclrNNIUne1dkMtlK3QROI1XzCflYROwIRg1D4n+CLL47aDpmreG723EunvPGwubfzo95GySB03LtlUrtJ3cZZed3H0GV5i8LLkn8LPTweK9k+WWx8xS6dqv8AwlP2hTcBDOH88XZ8jyPLAMZhDY3lifmA7g78/JXEeJ9Xk0rxBdtLd22nRG/+1BGsy80MqiGOEtJ5iKkUm523HAwWQsGJFemeIon+GccOj3EM+orp1is01yp2nyUym8hjyxKN8o9DnqufOP2lft158Ldd0m0tvNbULCWBB5DSF5iUEcS4PysxJwxz93HcV9tUlGVF1Ketlc+glJODnHUfP8UbHXrrT7OK5l+1821xa6TexErdO0flbX3gSJyxHUfModRnbWvqf26/1S2tdTtVuJUkhgWGG1lVZ4nWMzyecpACKd2Y2+U+UoIJZCPh79lj4L+LrX4zaNc6nomoaZYrb3EovZIiqIfJfypM918wKPQkYr7+8LaHdaTNdNNHDbRSIgW3trh518wFy8rMyjDPuXPqVySSSa48DiKmLi51I21sZYapOvFuSsaWs/bF0q7+wpvvFiYxKNuc44xn5c9fvYGcZI615N8Rri++x6Zpyu8EuuazDYrdXsSQ3M9uqb2iDKmByGx5gGQHHJ4PoGg69qWoax9nuYoxEUkMsC28ivaOrKERnYlX3KWbgAHAI+WqvxE8JweMLe1sr/S21rSjuaS0S58hkmyjRTbgykBdr8qSRuBw1enWi6kHynVNOUWZ1540mumaSDQ7YT2V22nhpJPOuIJdm5njhRCXTC5wrhmA5C4xVyTUrnWLVLd4Jry5F432C6hL2QkRYlYyFiDydzpwCHxkcZK4nw38C3S+GoZD4pvJbiGSa1jvbWzsx+7jmkVgpa2JIYgsSSdxwwwDiul1Xw9rEigNdaf4htYR5iWWsWSh5JlThvOT5EJPO7yW56ADis4Kcocz/QmPNa5p6XqGm2PhnTriJGtLFooxFHIpaQb8bUwMszHI7nPqRXzzc/sM+AvFGrz+IE8Qa0xvLl7lgkkIUOXJZcGPIIbIIOCCCDX0Haxw+JNB0+dIbrRnjxJFGUVJrRwCjJghl4BZCOVx07Gp/DsmmwW8tjYahHeyW8jmdhMjOJHZmcuFwFYsW4wAD0wKdXD0cSoqqr9hzpwq2U1cyPGGsSLJPp7JCYZIFZIHjcyXxYuGhhZGUq42qdwDFd4Y4Aqtb2OpaR4mmjt59QllnuoWCzQiSGeEqqyNLLs+RlAfaoZQMJ8vzNntPUYz9cmnKdrKeg9uPwrd0VO5o4HH6N4dt9U0fU/DKiWzfSNQX7DPuBaFhtngZPlGUUOIsdCI2UluaffeKb/VrK1i2z6ZfQ3Hlala2yie4tgocAxBlPmIzeXtdVPyN0U523vEl1/wj2s2HiAzTCzkCafeIBkLukAhnJyNqqzurEdpcn7mRoaxoOla1La3N/Z289xayCS3mkjHmwuMElG6qTgZx1HHSvg8zj7CXM1dJ/gb0YyldIzLfUZofDqS6s32KRUDSS3JRXXg4Z8DaGIAYjkBs9uT4jq2pSNrHh7TbMTTyveWlyLzT2aSC78l1d5BJLsUs6MFym4YYB2xsr2pfA3h23myujW8hV1ffcr57K4zhtz5ORuJGOmT9KxLOxtvGGralfyrHcaQqrZ2UkeAxaOTfLIsi4cDzAoAz1hDL1FfjuY4eEnKolZ62/r+tj3oSqOKg/8AhyPXpH8UaNE0FveXFo0skV7ZwTLDMdoeMqW3gYDr03YIwc44MNi3/CLaS93q11Jf6rMsYl3mPeWyFSMBQqgZY8gAEktxmr3iC8bwnoqJp1r5twzlII/mb5yrOXPO6QhVZiFJZyCBknNfDH7U3hPxV4w+KzX+l6bqev2ktrHFDe2NhJ5cpUHcBgEEgkg47g9q+LynAxx2IlRqPlVm/u/r8C82xEsLRjUgru+qPrHxFrV5q2oTCe4vtDjsY5ojc6bavcKGaKNgTKEI8shiSMKVKAnB2kN0XSJbjS3lawtbcWLsYtLSzlZ4lmcFjKCEM0aZYhVXB8oHcxXjkvgPrEug/B/wxoGp2lqGltJhPZySMl2+65MTIUAyHPmDb/e6ZXG6vT9PW+03xI8TSXNyJJVgZri2Zv8AR1iLK3nYC5DMRjqcnOWO48WLp+wqSpQd7O3rbc2w0lUpKctLq/oedfD+6j0PRbHwlq9xcaJL9ik08XV8Waw1NwVWKS2OQrAgZZQUJ34IYkNXX21jc6L4mYPLaRH7TDNb6XbwFUbeoikmjweSFLk5GBgkgZDHRu/AEWtNe2uq29vNZ3SzpPKsjedcqzgxhxt4KDG0gkjHy7QxFUfDPiq70HUrjwlrH2jU9Xt5N9lIAiveWrDcJediAqQYyB0Kgd81w4qp7bnlSV5byXr1T/Tovw68OnFx9p8Oln6f195oeNPDq22nzX1lcXEd2koaG3E5CPJJKu5Mf9NG28Ehc4zgFs0NJ8OtdaXq1lDHehrBGt7VLqdYyshTzPKYQERtCN8eFIIG5lxtGK7S3kttd0mN2i8y1uowxjkGMhhnB9+vQnkflzX/AAj1to2uLO0lnaxyXSzx3c8x+1E+WsZiBYHeGxkksfvHjPNeRh61SVKVOXxL+v8AP7z0a0acJqa2ZDpevK92+maztuNNvZJIYl1B45JhIshjZZVChAruCE5OSCucsAL+qeH9O00FoH1VJ7yTyo4rLUJQN3+sIRHfy0wEY9Bxn1OcjxNFp7a5/o8d0IrudbTUIbVlgju3VHKR+ZlSZMsv8YBAKnLYWuc8Qaxrfiby9Gg1JdB061l8i412cpJIk5V5EjTdn5kURgyZXcxO3ua6IUHUcalJ8qer6aenXXtv+XNVreyTjJXfQ7vT9Dt9UhgnOpazJ5bPGyS3zRnckjqwbYQDhgy8HoOMjmuQ1q4tvD9jd3enmW2ks5biZWTUpp7hjbBncTRu2GjdEK8k7fMQjkgiK00fxfZ6RpjWPi6533SH/iXx6TaMTlQS6sfLAAJLbmyW3KSo6U+8tPFV54dkvbnVbG401rfzXkktlaa6hxuEUqeWBgrwVBUkk8rmuzD0lCpeVVSjfa7/ACtY+PxubSpwcpQtfrb79RPBMNn4qj0u71K0TW57gySumqQPJPZEcB23tsQkrjYiJ94YztNd5r2lDUPssoFvKts7O1veJuhcMu1mI7Ng8HHQsMfNkcna+DYfEGpXt/dtFb6wqeVcI2m2wGWiwHDDdIQQT/y1Pce1czJ4k8QeAbH7TaRSanpRt5bh1eOTfGhT93KieZK2wMMMFKhQ6/IMs1d0lHFSdOjU17Pz7fLY+Hr5y1ONWna9tPO3U9K8L6wlvpttaOLi3NpZq6zXIVRLEBgyfKzYHAODyNwyKyfDK6FbTR2+qajYXFsLRbFYbi0MPmRhg6PIrk7sHaVbAXLMR9/A4nQ9QtNejI0u8vrnS9REUEdtHLB9pdAH82IjA8pApDKAQoBbawLIK25knmGrC6uLy4uUttuqK5gEos2dzGmFQqZApc4XH325zt240f8AZKrknr2/rbt6nx0MyrTqxr1VrHvotex7D4A1STRNZ/4RnWrltRu0Rp7G5frcwK/Kuf78ZZQTj5gyNySQvr+k6FP9nUXMrpEx3+UcZGT0x2+pzXzr4c1rVNR1qdLMwDUdPklvbaFLZhND5DcKzEnK3CBosKu4rOSu7axP1NY30GpWNveWsomtJ40likXoysMg/iCDX7HkdaGIoKotz6KWKp4q8qbujN07/iT3jWUp/dynfHI3Un3P+evbNbNVdRsV1C3MR++DlG7qai0m+a4VoZxtuoeGU9/cV9IZF+ijsaWgDIvUbT75biNcqxJCjvkfMv44yPce9aqSLIiup3Iw3Kw6EetMubcXMLxk7d3Rh1UjoR7iqGlTtHI1tJ8hJJVR0U/xKPbJ3D2PtQBpNGsilWG5WGCPUVN8P7e1XXH0i/IGQZLWSTlWAH3T/n1qOsfxRcxaPpM+sPN9m/stHvTOP4VQFn/8dGaAPY5NLhvLN7cxpGxU70xgpg4OB+R9cA15X4k0eVGlhxturZiUxwfb8Dj9M1xnxY+Jeq2fwgtfHF4kwlv5oLRdEa5lgttJBUuzTfZ3R5JC8aguzgDeqqB8xbzrTfiB4s8RaXY32kLqGhtBF5N1p+q3Ml9FcOXc+YslwTcxFiRsBdwqnbtY4wk1tc4a2MpUZunJ6/M9xs9XhuLNZpHVZMYdRyfwA5PHP0rmfGXjxtLa103Sgs2sX8hhgXaZPIUAeZcSDIAiRSDywyzInDNXmA8UeLY5hc3fhhSLgsJv+JhmHOBtZD5aFiwPAKjjOa8m179pUHxF4jk0KxhOoLN9iGrahmOKOCOBHUEbssvnSudw2qRJGTkYFM5qmOUYub0SPddSsbfQfD7aGVa70y5h8nUZdQYNJeSO5kkkYHCl3ky52jrjGBwPIPiT8efhn8LLa68HaVrUOj3Mlv5iThZVaGQocSbljJb5/mGSzZLZZMV5dP4i1D4jagTf6i12qwLHAdQto1kjYSM0rReWAuQWVfUHaeVAz5F8bvg/r/xd8cHWNFvdNubWO0itxvuvmTbnAwAcDnj6elB87DF0sZiGqsuVW3/Q9Bt9ajvpV1W3vLW50aZLe7nZLiR2bEzfvEaRAxyytkEDJUkYYk1va1a6Br2kvHJYtHJbP5kX+jiOaN5flDojgD5jzkjAKjoVGOV8D+C2l8B6Noky2d1f2djJCyzxyKqb5T++hYxjdgEZOR0X5hn5vSU0nR7XdbS3HmXNwq/LNOxlZV5GzLbiRyQR3ySd2TVWPnMQ4wrNQezf3I4fR/Emu6lrUHh/W5tmoTOBA37qKC8QOfNLjJUPsYEoCSB8y8MDXo9jpdl4bmEcd3JLczII4vtLqz7VydqnAycHnOW6knpWBrVrYx6XDpUdmLh5y06LJcPG0ZRlYSCUgtvyynJycZORivOxqGtN9ltre/tLxGhjH9qaqGkeG3QxyLK20AEgzouSR8y+q7mRcUsR70NH/Wv/AAD6z8N6xaQ2cM8Fi1zNGfNeHOSzDaxzxnAw3ryAcitL4N/EPVfF/wATL+x1PQIvsMcEjJbx27wtCqyBI3eQ7lcOG6IoLdjgEV5L8Pbnx/Y6XDrlrq1lfpezybJGjQrFNGWCER+Xl1kIDA+cuAw6kc9Xruv+OfC8YvZb/T7BBCwDwk20ttsZV3F9tyrttMifc3fNwMhCEerQg6bUnJWPf5tFOj3sOp31t5Nu7GFIUmQvJIDukUFuxTHzcDfsPVueU8W6J4F8N+M9A8cX89rF5E6St5k62kJ24MRKFwjspORwSWjwcYGK3wx8Nj4geBbjxHFodj4rktLg2yR6vr1+ssUm9ZD/AK6Jo0dQ4IOzklAHAXFdZ8MU8L6P4guvDy6FpnhnVZooZbuwjsI7WVXYEpJEY1KOrI3yGMsgkDoCCuKD3VRjOMZr1O5k1r/ha/iTRGj0RtP07S3lnOqyw4TUPNtZIhDGuFZoz5vmGQHYGhjwSTgclcf21ofjCfV9HiF5DLsh1yFIxFJcSqo+z3MZIGZWRRCyOwDY5ZSgz6boOn+TNFb3KPFGhaHE3yu6g5Vh/dG1lJIyfm4A4BseMrWDVr62stHhW9vF/wBFuFX5Y/LYZ+aQk7WUhXVVy3PqxoPStKSTueLeAtB+H/hz4mTeNNQm15dSkzJbwXGj3uY5mRY/tEsJt96Ft+cthR8rDJJavUtK8Jaz8VNcsvEuuafJ4W0XTVni0u3upFkuGimCCWV1+6jsFKqcttU5By529F4Z0Ox8LtYanrOoi7nhJh+0TOoVTsOBHGMjIYdssSzHp16i61LUteYIqzaPYyfdRcfbZx646RKfXlvpQdOFpqnCy9R1rqGleG/P0vSLR7zUQ37yGFg0hOB880hztH+/z6Cq0ejT606y6nLHfhcYhyfscWDwSTzM3+9gegFaul6DbWMKwR26RW/mZa3tyD82Pvyt1YnHOetakfLCMqJGUBJI14jXvnB70HYY2saFLJBHfWheXV7Fi8DSYUSDGHiA6BWHHTg4POK3dJ1aDWtOt722JMUy7gGGCvYgjsQQQfcVLDa7NryP5kwXZ5mMZGfSud8xfCviRU5XS9Wl+X0hujnI+kgBP+8D/e4AJ/HthLf+FbwQFfOgMd0gYZUmJ1kAPsdtNWdLjxVbTI26KSANGw6EFSR/OugmhS4ikicBo5AVZfUHgj8q4XT5n0+exjnI8/TpPscuOAUHMbfRkIP4EeuADr9YuJYLGUxQtKWVgdpHHHWs/wALQxRxyGNWGVTO4dSRya3JI1mjZD91hg/jWBoZktZjHM7Ntf7MQRwu3lPzH9KAOhZQylWAYHqCK4rxHof9nSiWEfuHPf8AgbsPpXbVW1CzW+s5YCOGXA9j60AZmgahealEGdI0hj+UtyS2B2r5+/bU+BmpfFDwLHdeFWFr440G5Gt+HbgHB+1RjLw/SVSVx0Jx6V7l4RvxbtNaTMEO7KBj3zggfpWj4qt9+l+avEkLhlYfXmgDxr9jn9oC1+OnwssLt1+y6tbKbe9sZARJbTx4WWFgeQUboD/Cy+hr6Ar89/GVzJ+yn+3BYaxbJ9k8DfFhFuAqkLDb6zGMOPQeYGGT380+lfoDY3keoWkNzDzFKgdCfQjNAE9FFFAHC/F7w3p3iTwTcx6hpj6k9q63dqYZDHNbTKcLMjjlSoLZxkMrMrBlZgeU8M3gk0+20HxLcWk+vMsk1ldhj5Or28e396gIGHUMBJCcspB5ZSGPsZTcpB5B6ivLfH3wvWazkubGW4a3hlN0ljCVD20u0r9otiQdsyg/KSCByMEEgtNp3Qmk1ZnwV41+C/xG8CzXN/4qsnOmsz+bdLOs0IcMD5kaK37qJgTwVX+DKqRXlGsWv9qlJtPuYNRs4g8R8u7KLvJXYwZM4Iw30yT14r9MJJIvjT4R1jwD4lkkg1xtOZJ5ltvsrX0DAxi6gRi20fMNyHOxnCtlGUv8XfGH4C33wR0+fUvtS6r58yRyiVREUyyRhhjJ2cqDnnJ9MAfe5Zmka8fZVdGj8/zTKpUJe1papnz/AONtUm8MadBqcs022ztXWW4htvNLZMe/jopwCwyQM8ZxnPIeCfjJY+MJH8OaVFfzXQTNq8pWN3hjAZldwQFbarcjjp3GT3viqwm8beBdWs4lEMlyHt2MWZ1AD4YrwC2FBIAxzxjPFeP/AA1+ENr4M8WQajd6001qyy2ihIHhbzG+QIx3ZRjnO09Bw20kCu3FTxMcTD2C9x2ucODp4WWFn9Yfvq9j1pd95pMO43H9mXeZQNhupUUhSiuGDZyQ5yc44GRXQ6VH9n062RoEtm2hmijAAVyMtjn1J/H1rK0/wuunX0LwiFLeGTMbBSZtpjKeUWzyoznrzgDGRuM+oXV7HqKpF5wjzFsVYgY2Uthy7YypC9BkdiN2cD24pxSc0eHNxm+SD8w09b+O/d545hGPNLu8isr/ADfIY1Byvy57DrzuPNUpvGEysimK0tw1uLpGlucq6n7qDjhiO4z7bua29StpLqxeKIhWZlO3dsDYYFlJHTcAQT796i0PSxpltKvlQw+ZK0vlwcqmewYgZ5yegAzwABinKM1Llj1JU4cvNJbFOHVbubT7sahHNLC8DefFNEIlhkLKNqvt+5yxZsnAXOR0rY8O3ttbafeho/sq28rCeXzzP84RCX3tycAgYIBGDjFWIx84I64Pzd+n/wCv86sQww3VibHyYxG0fl+UAAu0gjbgdufwqJUmio1VJEmk+H/CGtM81toOltdIyu7TaXGkqkgfMcoOrLwevX0OPRNe8Ua3oug2lxotq8900yq8kNu87QxMhPCKMt86Bc89T6nHnPhq+03QdVe1Eu+5mZFKzyu7AoCypuORwCWA6nluTur1zwXeCNVhBVUkVk3Drg5xkD0J/Ns14GLoqENInrYetKU9ZHQ+E5dRW10u61KLXIbo6RJHBBYXm1bK6YIwQJO5WNCQcqMgAKHBABHqiaPNa3UVvJOsSXDF/wBzMQAcc4+XccZPY5wPTFeareyMyqzFPMTKqBtxxnr6ngn6fhXfaFqSapppgdt06kMi5xhgehHUgnHB7kV+e4zCez/eR2Z9tgsW3JQb2GeONP1iLQrx/D2o41RF2wtEFAlGfnjxINpbGQpORkrnua8t8AL4it/ibaQ6+15b3zX0EkLXTpM7wpZXS7JSjEFg0udxLEgpn5gSfdLeb7RMsxPOQHDbcjHbPrxk+uPTBHH+F2+2fF/UnEkd3ZQm6UxMg3QSC30yJQm75gMrdZK/LhiDlq+blF3bPqvrFqXs2tPxOnexbQFk1W7gs2j0qW5v5dStYwL67hZZWFu54UpH5mR82D5UfAxzo+IrfUby01DSXtfsuqWslvNLAt5hJYiyuVWZOV3KrocgEEH+Eqzb0kEYxFcIJYnBV1cZG0g9u4Izx6cc1j6r9i8D+HL2ewsoLe3hAmeKMLBGdxAMjkDaoAC5bHCjOOMHjV4y02ZzT5XC/U+UviF+1F8O/gb4um8NeJJ9atdT02JUttKiMl3DZ2bojxwLKxO7JCsx52gBAdqKBB4p8Xaj8WPD/h+80aO4fw9qVtDqSHSF82dVaZhtlLIGhZTHngAMu7knAPjX7TH7KfiX42fFq98TW/iTTYru4gsLOe0v1MUn2zy4o3gjKoI3Cs64cErtZTvPWvcfBei6v8E/hR4Y8MvqGmJr2kStpeq6YunyzTRMEkkjkZ4psMJB5IUAc+YAOVYD6DDqFOUJR38zmrVOak4r8Dg/AvhGXXFn0+4tEuQqtqFvZ3Vup+2yxqqCZpBwFY+WWAJJL5DFTium0XS9W1rW5LvUpro2ULgtLdSS27ywmLaYVg2gAK2PmHAzkEtnNufT7mx8QWt94fV7eO4hjWSG1nW4t4nMge5gdmLeUFGz7m3ORgMQBWrD4EkvPGL6orLNH5y3S7of36bYwgQOT9zHJ78ke4+gliow97m3V/TyPKpYKpVXwaJ/f5+ZxGq+EtV0nVYHRWv1htYxbW9rZOEnaJnMccuwkLgkkMdq5YEKuw56Txx8FrHWtN1C+YfZrhYXl85JZF2MqYDsoZQSANvPO0dQDmvSb8XWj2i3AtQJJJ4oEjkkEcZdnCqGYKcDn0OSMAEkA9V4Rni1LSftTW620oeSCXbh8skjIxRv7pKnHQkHkZ4rjlnDg7Qep1f2M7e0ktDyHwJ8FLn4d61J4G8drpE0T2ttqkNvHLvUXDiRXMWFQgYiZXQAKcLgYZi3p+k6hFo8dk0ds9vFBbLa6nZSTyXlxbskIeS7CojCG2O4J1VcFTtQgqZp9H03S1ubSCCystM1T7OJ44dOMtyGhcy7oSv3TjJYbGxtL5HJp2ryz6Xpeo+ILZXv9FtBBb3uoRXSxWV3au0TmGcgs21lZMsqNtDEH5GcN4eJxM8SuepK0l07m9OgsM+SKun1Ox1hjp8cckMO+Z5obOBcBVMkkixRgsw+UbpBzg/jXD6ql7b399Y3kKQXFlOYJ1jlV4y4APyOOWG11OSoIzggMCtdFfyQ+HvC4gvvsOhabcXYEr3CtdwabBLIdq4JUsoyq9AqZHG1DUGgWpksdL06wstPM17dTWdisUJsoJVUyMJNhG6NWijL4+Y8jGc5r5+tOUT6/LZRjLml8NjyKTxFdp4yfS/Ih8oT+SlswP2gr5O/7RknBjDEKeABnkhvkqtdahqzeK1W7WaC0WV0kja0dbeKAISsonYBS5faCN3AJXblSx6f4meLr2wEOn6daSrqMsV80r28kSSQm3cRsqu4dMByzFtjny42IVmIp0H7O+mw64P+E1ePW9WtrS3uIo47hrqJY5GYgrIyCXJeOTKu7Lgr24HLzPlvJ2Pro4umpqMVeX9M4DxJ42svFDWFt4O0+58TaxazNcQyWsLSWqt5TrmSUlVEZDMNyljuHQ4IrkfhH/xU91av4n3ahdWMb3el2aBU0y0iyo3YHzM43dHIXBUKqbSB9It4baw0XTLOysLfw9pWoWUl3pa22CjRLsHzIhwhJkRtoyMHk5JUeRfCXwV/wj+kahPrWm315rWpX8FtJodvMbO6wjo9xO0ilDLDJG86BgSiOgwC0mU0p1eVWRNWpSlR9tL3nfRLv/XmXrXS9H8B3+3XXkktX09xBZX+nSr/AKJK6sZHyp8xcxqPMwAAMMWbJrv/AA3qlz4V1u20iW9uNVstSmlXTru4+doZAvmG2kkLZf5VdkZugVlYk4z5x8aNWVfEEl7c/bhDDDLbwrfamWdLRArJZeaVfzZcN5hwS6+YoLtvLm94d8QXWq+Jrnwpc6lJp0UiyRskUPltp6ou63uEbH+sDCFtrEj5+VGDXXh9akV3OXEqdbBurUXvL/hrHv8AY+H0j+e4+Z2PMYzjnr6fiAAKbGP7BvBHjGnzN8v+ww6f5+lR+C/Ef/CTeHoruUBL2F5LW8jEflhLiJzHIANzYXcjMvzHKspyc1s3Vql5DJFIMqw/I+tfXrax+dN3ZL6UVl6XdPDM1hctmaMfI399a1aYhMe9Zepwvb3C3UPDFsc9N2MD8CPlP4GtWo5oVnjeOT5kcYI/HNABDMtxCkiH5WGeeo9R+B/lT9oPXmsvT5ms7p4JTw7DJ/2+x+jKP++ga1M+1AEvgW6ttD8TCwvBts7wkwTDrHIO3+fSvQPEGrab4f0Oe91y4S0s1+V5WUn7RITtVEAyXkYsFVVBLNgAE4ry/UrMX1qUQlJVIeJuhVh0NZS/EK/8SeMIWe7vIb/R1gtGt7a0897WB0lZrpI1DAmSWJItzIdnkkAAOTSlJRXMwKHiDRvEPjG3ubeWO48I6c7LJayMYzqE0eG5bIZYQ2Vx95wMg7G4W34T0vSdDtbg2llFa3sjZvJtuZp3x9+Vz8zk88sT3roVvvE/jHRbK81CCG1uzEGeKGF4mBYZOQxYryfubm25xubrXK60sfh1lvLy4ht45DtfzmC79oJOBnJOFJ4/u/WqTi0m2c7ratRR0TXm4MAcBRyB1/Enj0GOeuK43xdeaNdMljqbWEyXi4fTbso32qMNnlGzuAIGPlODg9RXMeIviFdyTT25lfwtZZ8iF7oH7bdTFJCqLEFbywdkeWwzKs0TbF3AnJk16PUF1ZbOK+0nw3q7w6isPiC3ledo7UxlniuWcqYw4Uldz7ckqV3gAp1k5pU9X3OatP3G5Hzb+0l+2xB8N/Fnir4daD4NjtbS2RYbfUbW9Ns6pJEshTyxH9wGRhgN908EYGOb8OX0VrNpep3o+zWd+ltfx6bE4JCyQRFXjG3LbSQpXoSCRyMH0H4qfsj+BPiT4t17xhrupa9pd26rJdwhVtxCEhXaTHJDuAKKpz3ByM0ab8P9E8aWNlbaXcXMdpoNhaae9rqFor3D28ZbbIjqw2lwrjG3cCM4HGfqMBUqRk5Sd4/f6HzuP9hOEVDSXUuQ+MNOs9Me4gsb2WZ7lrTyZSEPmbDIASrbR8vzHBOcjjPFZgsNV8XakssUdwdFuBuNvvEccUIXy5Y2iD/e8zf8wyNpBDEcV3E2k+ErWOfw3C9ibh8zizuJDK7sFLfNuLEsEAPXO1cjAGRgeNPEyeDPstvDFZrH5BkjDZTzwMjyoh3bp0z/AAgD5sj341eZnzzhbYTSdJtdF1CTRra6tmv7oCYJJcq1xIwU443bioHPA6D6mvT/AA7cGz097iMwTTwqUeFh5gUYILJgDk/MMjoM4714j4t0W8sbiw8R6ddrLp15LHdSTJbGWMsqgRnKn7rbFBPAOMZy3PrXhO9urHw/ol9uW1ivIo1unt8boA4UsgPLBlDFeedpIIODm6rvHQujGzOk+APizxL4i1PxKPEGmxyTwwLL5N5C0Jidg29FVeJEUMOc9WHLbht9K1Lw/b6bi6+0wyXXngpbgIVhCnEcj7SxXcwIK9ccnO3I8q8T+N7LwWlzfhJp5ZeY/LTeXaWIZTBKqN4Oc/KBtXsuD9BfD3WvDniT4V2Wq2KyC01dSk6SAiZNjbZklOSzPvjkA25U5B5DZPh4tODU11PfwlprlvqjivBvgvQtN8eReNNMsF/tC+HkMZ5NuJ2XDOiZ2qxPynavRmz6D2uLxHd6hpN3HdXNu5VQCqcZj6H5mIXKnGeOje9cBb20mha5dWNzO6x3Fx9nXciEtjCxzD5sbtyFGLA4dVJyWJrttP0uTT5rW81KOGKMkObaE/u7dgR8vJwWUg+oHJ6HFeVWmpNTZ61Cm43gjgtQ029hupree7mhsVRVknyS01sCFif5gNyqSwZgBhdp6MK1PhB8PfB3wjXW9VtNNkttW1EMBCs8krxwFixiiBO0ICgYkbQP4iAorqvECv46urUaXbLCICXfU7iMyRyRlQDEqEZcEkcn5crnB6VieKH0nwT8OtW0bRbqQa9rVkNNtrkFpLvzJ5Ft4WJUb1w06YJIUEDpyawnVbouC6nRTopVVN9DQ+Evg24134f6Xquuu62GoSTa9Hp0Y2yZu5XuNkpB4CrOU2jqBgkjiu5j8TLLbzWfh61t/sdu/k/bZFKWkQA5C4GZG9k4/wBqoo9LudbVLa9WN7aMBU0q1Yi1iUDAEr/8tf8Ad4XjpXQW9nHblZZNreR+7bcCiRqBxsXp6V5h6hkaX4fEcgvZJJJbhV/4/J0BkA6YhjAxGuSenXvmr2raDHe2TW8BS31CFxPaTE7mEi9GJ685KnnkE1qQxOsw7umFM0ijMikE4GPerUFusEaqCWKjG5uT1z1oAo6BrS63pqTlDDOpMc8LHmKQHDKfoe/fg1U8a6YdU8M30Ku0cqIJ43U8h4yHQ/8AfSiqers3hjXI9WUf8S+9ZYL70jfO2Ob2HOxvbae3PTthlIIyOhB560Aczb3aXniSyu0B8q4tlkTPXDLkVs6z9o+wyi32Z2ndu9MVx8RbQ72GzlZjLp8mI2f/AJaWzElCP935kPuo9RXeHEkeOCrDH4UAY/hlAsLHy/K3RxkAHqMcH+dbdc5pMf8AZc0gbhY5PJck/wAB+4fz4ro80Acl4o0VYT9rhXCE/vFHTPrV3wzJd3tuJZrgmKM7VUAZOBjmtu4t1uoJIn5VxtNcl4Z1FdMuprWckBnCrx/FnBoA83/a0+A9v8dPhxfeH1uP7O1OZlu9K1LobPUIiDDJnsCflPsTXMfsM/Hq++JXgi78K+KoW07x14XuH0vVrGXAaO4iO1xj+6cbl9iw/hyforxTD5mjyn+KMhgf0r4O/aQkuP2Y/wBrjwJ8YrEeR4X8eCHRdfC8Il9GAIpmx/eTCk+iuecmgD9CaKrWN/FqVlBd27b4JkWRG6ZUjINWaACiiigAooooAhktkmRkkCyI4KurLkMD2I7jnpXlfjbRZvhXcN4w8LWUEekwozeINGgQr9pgVQBcRKoP76MJjaBl1OM5VQ3oviDxDD4dsFuZopJjJIsMUUIy0kjHCqPTJ9fWsSHwze+JZku/ExRoVO6LRoTmBPeQ/wDLVu3Py8ng9aAPOvH3gvQPiVBpesNplrqmnXYD208kKs2XwVK5Bxkhc84OAfevGfFfhc2Nxc2U8SXNnJlQsq7ldCDkEEc8ZB4I7CvoSe4Pw8m1zw7LAk+k3NtNfeG7K2CxzO6Rs89jEoGCylRKhzkrMwC7YCx8G8FeLpvHk2qQ6hJanytjG5sW3xPu3/uwzEfMmzkA8hg2FzivrsnxTSknsj3MDW0d9keJT+C9R0PUreLR7fcLdxJZ6tvRplURmNbWbdyYgMHfySFxjzAGPe61qS6PpN1esgdIULYdtq8f3m52r6tg4GT2rr/EPh/7GRPao5tmIIZhnb3HPv8Ae/E1zkjMsbsih3AyqhsZI6gnt6fj+NfY0uXkcoM92nazcTN0TVpNT+2RzxRQ3FrN5Eghl82NjsR+GKjpuAwQCCPxqp4q1C4NjBY6bdJBfahN5EdxuBMKjmWVQcgsihsA5G4oCOorz7wrIdJhntHlu47CTSVF7JbW8kBtZJMguyyOQHXa/wDq1z0yuFAGL8WvD82hapoF5e2llJocxaHUltIvJjFvEgcjaWOWdVc5yMCNVyT97GVZqnexDqNRue3aXb2dnp9vbWCRLZ28axRLDhlRVUBVGM/w1FrmsDRLNZBa3N7cSt5UFrbIWeV9pIUHoowp+ZiAMcmuX8L+C9Hu9PTULa0jsXlVvsV7Yzj7QLZl+QNNGx8xcsWXJZQCncZON42j8QaKLMaTqE+uXGkypqU7ahHAGihJaNl3ps4MfnjBjduAdynaTrKo4wvYvnajdo7nwtpqaDp6abJdJNes815KAArF5ZmlZggPyrvc459B3qHR/DZ0Ka3klvVktrK2a0tl8rYVjYoT5jZw7YRRkBe/HJz5d4U+IWk+KNStb67vrfTbu5vXuZ7G/tDDfW0sWIlt4zn5x8oDYU8eYDjfgdx4h8V6TfWKy3DXWmW9ndLI02raZPDaMQrACVmRQE6kMSAGCHngGYVKco3XQIzi0mdLrHiKx0NkF28oZo2l2wwPKwjUjc5Cg8DcOfetJWEihlIdSMjac5HHOfT+ledeKNFfQ9E0R4rryY0uXhnls4pBG0c7MRCEjbcqmTy1UruZflHQki5oOvXFn4HsLa0tvN1SGdNKESgskcgbBZsZCqsYMm3JxjbknmqjV99p9RqetmV9ek1G207VF1OWaO2ubSe2Y3JhaKe4kISBYEGWyckAEZIZchjzXQ3WvW+g2dqmqXC/bpIdwgjUyyzMqZfy41Bd8ck7QeOe1czqWveEvAMN1eXVxc67qlhkXF1KzXc0DFNzAscrBuC58tNmeAFbgVkaDr0v2OPV5ILePW7zTk1B7m8gBk1IOxZLe3ZGBVE+6AQWG9CUyWJ+YzSh7ZNR3RtRqKnLc6TUNQ1TXNJe7uYLrQdFjheW5t3CtfXSBSSoCsREpHcHfnP3CMm14e1RZM6aunx6d9kghaOKFg0YicMEVSAMY2MNo4GBzjBrekzJw3IIIOc/pn/P9aen6TY6RHIlhZW9kkjbmFvEsYJxjPGOcfyr8ZxlGdWqpJ2Svp3PpaUeRXerOK+JmoXUFjfQbY44DbB7dpLE3KT3BLARnqFIKoRnuwOSAQcvw74NutSsbd7yw/syJjbyRi5b/SrXaqlo4SpyiE7gMkMPm6hgF6vxZqGqWs8Ys1mC/Z5JIzFatOJZVwVikIB2qcjuCf7y45reKPGy6DMlhaWg1DWZFyLNZNmAVdhvYKW58s8KpPIOMc18hLBe2rThBNa/L8gxNd0kqktjK8RreQzLpOnqlvbr9n8u2NrJL9qXzFDFpAcAbRtOcnaSTwVrCvtYuvDNjfz+amkWZlmisY7Z41t47lAdyPvxiP8AdlhjGSZDgM0YN/V/GHjyS0MVp4StrO5vDJBaNe6oqskvlNIrkIjjHynAO3OOdua43w3r2jeI9R1ndK3hm8u7GOxns9Qf7Tchx5ok5b5sHKDeG2uOechgpZTUk1SguaW+627f5fM8epmdKivaVXyx2238z0fwH4uk8VsjpK11EYWN1m1aJbSb5MRBmHzjDk556ZzhgKwvij/Yuv2sF1qGjz3kWlzXLRXCSeTJOyRSiWCF4n81Wba3G0BzHgkgg0mh+JrSw1y51B5riWW4uS13cWkEzwzRrFtjSO3G51f5YySV6h/mIIqfVG0bVPE1l9vX+x7X7Slyn2+78g3s4bKpFbsehYBmbCsSoXBBbF4TJZ0HLEcnK9U77/K359jkx2fUVTjRhO97Wt9+tzM/Z70l9K0nWJUtfsWn6hcC/tbXczraxuCohY8jeqIjMc5BfB5Fdt4zswLC81EyYjjtJYZ4fs32gyRMAWVF3DDnaAOx4yCAKw9B8SWkYvdA0vVbOWR45W0YIQBEoTKwthcLsO4oOpjXI3eW5rE+IkTXXh1dDvW1C0tNavbW1iS4kjuJt3mgu5IkO2MsYhndwWwFGRn5+vlmJljPbyjZSfrp/wAMenTzjDRw3s+dNxXoc1r13r/jSCS9sNNl8PaZdWpnme9vGluJLdNsctxBF/q0l2OBukbpghepPRWGjxaXDYeEJbQJDYeb/osYSf7Tbuyyb1cqB5yHhgQGKs7JnINel2vh+ws5GkihblDGEeR3REbBKqjEhV4HCgDgCuC1HSdE8K68ktndXFhbq0jvDaCI+TO+0Iq+YpwpDtlQcLlMhUqasZ8nJy2S283+L8vvtYujjaVV+7K7fV7enzL+l61pd9p1lY63PNDcI8r2txdS+TI6pIY1YSowydrIrEEbixxkGun1KSy0/TUtJLXz7eVfs0dnHFvEgKt+7A6Y2qQc8AA56V55BpVr4jjtpCrzXKyPHqdjayrNFJgyZkiEvGFkdvucDzHHJAxpaJ4VuoW0y11GWVZYnkZLiS/Zp5VCsI1RRgB1QncVwPlYDIdsYxyt1mnG+/y6n4znvEVDC1pUKb1V7+vW33F238Sw6fCq6ZpDRQTQPqXmXk6xefGu3c4++5fDR8OFwCORiq+n2cXhaNtQvE+z6etu8bGSZ5ftCk7ookiY/LhcjYBx90Z61vQ+E9Kt7eRLa2ieSMbYvtRNwsJUEKFDk7QM/dUgenWuWvhqFsLNpbuXR3jljY3mpTR3AilMUokcgNwjDCgEouTkAHhvQnl8MOveer7eXfd/gfnn9t1MVJclly/IzPA+sad4f8fPoOnzpY6NcaeLmCwuJFJhmklJVYmBKlHDlgFZgc4ABUg6Njb2fiTxckpMt6VvGvJIXt1NsI/L2wzxyFdxJ8uIfKxXKtxkA1zPhO0to/FXidXvFtbLUbS0juhKfPmkYIWIiO7cA4nDKNhx0CqcY9V8P6PbW8cV1b302oxCFYbd5WRhHEP4V2gZ5A5bJ4GT3rnzDEQw6ulrZa99PNfqaVKtTET+K+i9LieH9Dk0fxEL/wDcLsaVjcRIRPMJH3hJD6Lngc54+7zn2f4JeJhd+D7LSLmD7FPphk0+Ffmw0MDmKJhuJb5o1jYZJ4Yc14frcertq6/Yxc+WqR/Z2haMQrJvbzBKD8xUrs6DOAcENjOrpmrN4N8VNcATJY608ccs0RGLe6RSscjDHSRAI856xxrj5uM8izitgK93K6ktvT8t/wAD1cDiZYeSUmfUnqf8is3VrN1db61X/Souq/3171R8L+KotagSN3UXSjPUfP7j/P8AXHQen481+7YXFUsZSVWk7pn2lOpGpHmRDZ3kd9bpPGco46eh9DVisWfOhXxnUf6BcHEoH/LNz0b6GtncPXj/ADiuo0FrM1S3Kss6HbyAzf3SDhWPsM4PsTWlTWjWRGVgGQjBU9x3BoAZa3AuoVfbsPIZT1UjqD/nniuP8TXcfiDxZp+hx3M8MGmSRatqTRLhGALG3hLhgQzSqJcAHIiIbAYZua5ry+CtM1G/uI5LlLWIsYY/vztj90Fz/Ex/d/7xXr28yb4oL4OuJtI1CzuNc1O4vJYru50+VAzX5jMjRKrlcQoqmNWZiQsaEAgg1xYrF0cHDmrSsjnrVoUI3m7HoEFwZfEZMit/ZczERIwwizsv3j25XuOmcg9q1PFt/wCHvCVtMNVvYxeQ5gXyU/fkYKdRjaflGfRWU4O05+Z/EXxh1HxZNFYqPK077RcCXTdMuRHepJEdoMpLLgAg9GAyY+ozXxL4f/aq+I2veONMsL/VLeeK4v4reVmtI9xUybSAcccE9PWvGw2OlinU+q9N2/nt9x87KpLFKX1ezcd7n0n4v8R+LvG3iq7+1R3ElkJJGit5Sbe2tjlfLIwBvkUq2HAJO/O5elcPqXhyDwz440RbSP7dcSQMLlbwBUbaFSFtwQgMDlQ5y+DtyQRXuV3FHu2gBIwQDg8noP8AH8D0Fec+LtL0fxZfR2OpaU88aSNbxXZYKVfAdsDjAIXGevXgA5PXhcZLEJNnxixM5Tbm99znNP1S2bUpIru4fdC95cSWHCiNcyLvjbCs5ILYxx87E4wAOn8L2rpeXS3OUmihhTPykeTmQJnH3mzvz26YAFcjdfDnTNLuILNdEt7iNxO3m+dmQwhdoAL/AHXUOgDA9h82GYja+Ees2A0ubTVliNxFcvbRysoWa6VUBDsAOX5Knr9wnsTXq+0Vrk1IQlHmp/l/wTsodH0bwzAt4vmrBt+zQwyyGRoxwdkaAAnIXoMsQB0AwM/U9Ht7qb+1oNTgNhmK4lkK+ZuERMmUcNwDhTtAPfuTWnqWlx6t5K+bJAYZPMjeMDcrYK4O4EEEE8Y6nrwKw7TxBZeTNoF+YBpuZ4Hmurv99GFLeZI4wAgbrkYxlMfewHGo5mEbz1LlxYWXji3FvG5XyZkYC4hY7HGGBKMASpzz7Mcc9LPgPS20nx9HD/aMEsE8s2kzsUCgExyzzOiMcjEgtlO3PKNuzjNZcNveDfDYG8tHu5mht/Pk23N7IqOdoO0+THtQ5O3cQHIVThjo39vqdiNIuLCAxalbxPBLNpMSxLF86GJI0kJVVJLb8AFmRN5I4Gunc7qKVGLcnub83iqXw14uTQ5beJrC/NuZkimJOySVlHlxlSX2MuffGB616xZ6WfFtu+jaq6zSeTJE6qjhpVZWKtuByOOm0g5Axluvl+ua4dK0uxutQsFuNYeVDCyoMiYoTInzgfJ8jcHpsAFZXj39pHQfB2jWOufY9TNhZMlrcbPL81J2yfJUbhkKF5bPX5hnPyh1YW8n7OCvc9SufGkv7PPhqJPDMUOo2V9qTi6m1rdNDHJtKRFgpQ/vEjAUbsHYDtUgBvYfE2j/APCeeB9P8T3pk0jxpd6fbXtrFaR77i0yIpMLHwSiOiEocBlVkbkkD5/+CH7S3hb9oa81zRtBsdUjulaOeSXUIEV90kqhDFtkb5g28/MQMHPJ6/T3we0c3i6pomrskd9DEDNHC3y3Ee4Hc8gxkAMu2MFFAYAglWJD6XDRnQmqVR6W/HU0/h3qV78QY7mTVNul3glay1KG0kzNJdKBJlmXPlwNHIsi4YExunO5iB2cWrK1wum+HYU+x2qMjXkwCW0chGDkgZd+QcLyT3wSa8o+KGh3HgnxFb6rp1tZxaPqJiW63sFSOKJmliRyTtCq85L5xiKSVt22JVPrvhy7t7rTbW9tkXbcwNLAs65EWxSrIy4+8GOD1NB7cd+UZovh1la31J5Li7n80yfbro5KqccRR5xGoU4GPbrXdWaR2ZQqgiWYdZATK7dfmP0rMjkiS1WKJ2njkXz1kZsZKtH8vI4568ce1b8EMSh5I+fNO4nJOeP8KDphpoMW3NwmZEEUbr88OByc9c1a2/Lilo/Cg1CqWsaPBrWm3FlcbvLmXG5eGU9QwPYg4OfarfmfNjv9afQBh+GdVmvLaS0veNTsm8m47Bzj5ZB7Mvze3I7Vh/ESFdO+x6qoYu0qWcqKP9YjMdp+qsc59C3rWn4mhfS7qDxBbIzvbL5d3GnWW3zzx3KH5h+I71o30Fj4i02WykdZoLqHd8h6oejA/kQfYUAJ4f1Iahp6bjmWP5H+vrVbXoPs+bkM4gfas4jIB4OVYZ71zGh6jNo91JFKCbmzIt7xez/3JB7MMH2OR711M1nLr8jM8wGn7f3YjPLH1Ppj0oAm0TWotTh2lsTrwVbgn3Fam6vPtQ0+bSb1lVySo3LIhwdvarMHiS7bEU8u+FsqzAYbBGKAKjSp/bBfgIJ9270G7tXZ6+wGi3eT/AcfnXP6HoLtfJNPH5lsMlW7Eg4Bx15rU8VXGbSK0j5luHAVR6A80AeAftr/AAJl+On7L+oWulxH/hK9BVdc0OWP/WLcwAtsU+rpuX6lT2re/Yr+NkHxs+Bfh/WjIpvWgAuVB+7Mp2zLj1EgY47B1r0H4pfFzwd8CPBLa74z1610LTIQIkefLPK5GAkcags5PooPr0FeI/s+6ULDx1q2p+EtF07Q/CWtXUepWf2CC4jkuFlQee1zBIqrbtlcgJjOORnBIB9WUUUUAFNp1c/401q70HQnu7OJXdXVXkkBZIUJw0hUcsAOcCgDnPi9pFteaXa3ttqEmk+KLVy+kXVtGZJmlH/LPyxzJG33WU8YPJHWuc1Swj+MHg6W8ubYWerabcPb3ulT8i3uY+GWRW4KspVh2aORWGQwNejeH/DNpp7HUHmbU9SnUeZqE+GdxnICgcInOQFwOawvE14ngHxbF4iu7qZPD2pxRadfq2WitbgORb3BGcIjb2ikfBOfs+cIjMLhJ05cyM6kFUi4vqfD3xk+Ftrp+pm40ayjsBKCz2UCYhA2hsRngDBYrjAwVwTwa+fPFHhudppriyiiFw6tBcxyIGEqNgEqpIUPhQOeCBzkAY+p/jNpnjS1+PmpQyeH7u08GrdMYZIrR2hZJIQxeOcjaXaRRlACVyRjjdXP+MvCdn4mt3uNMtYrO6WPJVZiRIoAJ+VgOGIJUgcFWBwPu/o2DxUZ0oQk76Xv29T82xeEnTqSnBWs7evoeAaZby29jHFO5kkUEctvIXcSoLHliB3PPU1n6Xrct5qjWzNCTiRjDGCJINjgKH5wS2cggDpxuHI6K+tJLG4aGVGSRSPlbg/l/n061w+rw3Fvrv2h1fL3cbxvKI1hESwgk+ZgsOUbI9M8YOa96pLlimtTwIR5pSUtDqotQtXu2tVuYWuFHMIcbh35H05/EetWc8cnn659en5Guc02awkt49R+1lbVZ3dLfcrbJm3B1BHLZ3MQvPXPTaBY8O6a9qqzGSF42hCGSGRm+0ODhpXJAG7g+p55JwMXGo5GcqcY3d9jbWTnA4//AFUlxqlppsyG6uYrUNnaZXCcAYJ59OCfrVTU75tPW38uNJJJpREnnSeWn3S2c4J7EdOuKx57W+1qWO9iE8MF0ghWSJ0MQjyBIBnliQMqwHOV+tFSdvdW46dPmXM3odRJo8EmoPqAuJ4380XDxM4ETMEVVYkjdwFXvjgV1Om+OdN0iP8AtCKV7+2lmEJisHRnZ9u/glgBwVbk9AT9cG+02K60WS1OVjaFkYqTnDKFIye+B+oqn/wi73vhnWLUTTXGoXCJKkgwkgER3hU6AOSvDHjJz0wtebiIpwbR2UZJSV2e02fiq28QeGoNYsTIEEjKytt3o6sVYMAWxiQN7fLnOCK6PQtRU2cjx2zSao97DPDqIvXEcMCIgkiMP3SWw/Y8SEkgqobwr4C6wl9a65omY5reXbfwCMqDlkCNhVz8wKKeCThxnmvSPDmtLpBKXMpFvt8yLJLPtyMkAck8jp3NfJ4rCwqU3GX2Xf5H0NCvKnNOPU+j9Hul1KE3Q+7IpZ1B5RsYIPbnOc+9cF4OvYtF+LWqwzw4lne7iE0LIEbK2k8aSKMnewnfGQDiFiQcg1hWvivV9NtbCe5F1omg39/JYySWsRuL6F41kP8Ax7iJ9o3RY3AMeeVAYGovEmg31/qmmz3AuNN1PUo442vI/nWzu7dnktJJYgf+WiNNHJlwrDbGD8wYfCToR9o0ndH19OtLkXMtT1BfG41C5ihM2nSRXYule1tbnfcWTxSBAJx2Lht2B9BvHzVLfTXIhhjuZNSTRSr+ZNoVuk15GCNyERurZjJJDAIx5TjblhleEddHiKzDtbNDqsEzW1zb3GSbaZRllBAG8HIZWwAysrDg1v3cUlrNZs8d7eWCzF7+302VY53i2NhVcsuP3hTIVlOB17NwVOWnBxvqdFOM6klK1keaeDfC2pN4dVLmOLTDcaZNpd2t9B57XqSuCXERbbCQq4OMhy3zIAqAXPFXh2GPS20qNtSsbG40+7KNpsccsrTnaUDmTccMWkYucfMSWdcjPU2s93JYRfbY5JLoLtOdu8jOFL7VC5wF3bQAWzgKMLXOeM/GFv4N0O7v7u6tbUB4YzLeTCOONWkVN7HoFXdkkdlOcDmvNnXmpWjqz6zCYCM4Xeh5f4iabSdeEuryw3kiw29q2maRLJaXF2ADseGNGLuiNIc8jIJO0eUFeX4Sa3ea5eafBKdSkmWNZr03SxLby2rK4gmiziQlnAJyAcb8gApXm2j/ABN8Op4okaXxNpvnaKLm3n1jw3vaXUY5WiZZJDhgcDG7JO1wSpHymur0Xxp4TXW7C30/W5NTm8q0kttQe2mFxFawsxECmKARsjASoTuDHeVOcA1E/aRpux71NUp1FF2ueleMr5NfhvNGjsFfT0vba0nkuCHUyMYZUXycfvIiHRXJYHDHGRUnwz0vUdH1CW3OnSafYuJJJbGG0MNrZy5QLHbtgb1IEjMwBBbnEZO2rcWsaNrgg120Sx1KZcpFfqqFxhiGXeRkEMWBHHJI46VLp/jKWWZ7Z5Nu2NXII2lM8cr2BxnjjvXDzypJdz0VhfrSaS0/rY76HTbiO6tb7T759NvrcsiXUMUTOUbG6P8AeIww21c8Z+UYIrhdX8Mu2h2t9pkN7a7xPotnd2725e8e2EhMRDK21gYJhHIVBRg5BUN8+T4Rt7vQJpJ5bmNYlt1huXjnkka7kGMXEqsAFcYfoWJyASQqhdXw/r3hrXtQun0i+0vUL6L5rn7HcRyyocBAWCkkEgbOxwoHQVpHEyi9NTyK+Sp6p2K91qr2t9oMOk30D6Vvt7y2Om6m83kK8bJLZNMQJEZhvAmDb0eVF+UMi1n6l8RPCXg/SdQj17TrnSPBiXM0Vqt9J9titootqOrncz4WUFQSGVWYIpI2Fs3xp/ZOn6guoQabqNwVvov7V/s2SaHzyYSsKZVgGlBkjZeeigbtzKj+D61cWvxQ8XWVxI1q+l6BO32PUI5pIYtXugirKomYfM8Kh1Ep2+aVyNoQldXJVVd9NyMHl0qM3FtXf3W7s9v8D+JbKFNW+I97pbRTamsNjpFnGRJJbabuUQxKDiNDI5aYjPG9QSdvPb+H72NbPQ7i4k8P+BdI123uLu2vb6ZWBaF41eKaNPLRZDv4AkOAj5GVAPz1o+i6RY30H9oX+l3JeeS52MDPII23qsUsjZ+UBh8x43bQPmAY97oraS9w0Oix6f8AaI8q62ZRZFw5JBx8zDeTnPU7udxrhqOzelz6xZW6kIqjNL8TqtP1a1it9KNl4Vt01ea4nvfO021Lapf+cryG2dQgJVMoeSwbyUOF2Gp9a1rWLe/nsLxRaxW8H2m4/s2OS4VIQzK8khVQY1R1dG8wJhozk4+Y19Khtv8AhIvBbiJfDNxpY8i/1bSHe5vbqbysm48ryz+8y5DKfNOy5O4MqgHfa0tvBOh63qd/qWoWdtrEs8F4YoUFxqsUs0nlNIpj3b3U7jjYVMjj5FGBUaftWorVt/M8T619SlL2cUktXza631128zB0/S4V0vT7X+zNcs7vU7z+14by5u3Gl39pHEqI3kCUBpFd4SMpn5EbdtKKeY1fwPcaN4ijuzem5tEnkvI0EWyUSyF95ZgcFR5jYUKO2ScZr0PSW0/XNNs9T0qW7urWNHtbWC4kmK2sYba8UcTn90AY1G1QOEXGVAri/H3hLXvEmpQTWF35UccAjQLdyxeRIC5MoRRiTIKgq3oQdwYivpsBg1GS59Gu58nis4qR53DVSd3brf8AQ6X4e+KG0jxxPZXt3ELLXIEltFUYb7TFlJSSByWiaAYzkeVwOSR7Bzj/AD+FfNvi6xuV0uO+0y2F3qWnTLeW1s2UYuAVdVJIAdo2lRWPAMmT3r1n4d+O7fxFp9rG1ytwJI1e2uUIKzIQCCCOpwQcjrnivdPKklJc0Tq9V083kaPE2y6h+aJv6Gn6ZqC6hbbiCkynbKh4Kn0q32xj86ydUhfTbj+07dSwxi4jH8S92+opmJr0VHDMlxGkkbbo2GQw7in8+lAGfq1uJI/OxgoMPt67Tzn6qQCKsWdz9ohO8/vFO18dCexHsRzWJrHjiw0+5ubGyjk17WYQN+lacUeZN3TzCzKkYIzgyMuQDjPSsWHw9rmqaj5er6oNJ06eFV+waU7RyIhwG3XWQxKMcAxrGQD154Bep1OreKNG0Ca3i1PVbOwmun2wRXE6o8zf3UUnLN14GTxXG+IfFmn3DWupaSPEllPHLu/tCz0e6Ty2AwpkSREWaEjIZTkEfMpVwrCz4d1Tw/pOuWum+FrTQbq+vJprGK2e8Zb4xxiR1upJiHd45BG7qCh3earAnLEcn448ST+JPCd7c3i2k1vdaNqStp1+JLWC3mbYIDHOQyzybQ+0p94lmRlBFcVSvDZE82p7H8P/AItaD43TU7GYxw61pN41jLZtKdjMDkNEzBTIrAqVO0EZxg8E+Xx+D/FOqX2tjVNOhMWq2X2W/wBQ1WUXE2TEocWsatiNRIGfcSvBj+QMh3fmN+zp8HfiB4N/aE+Guqa/4M8QaRpkPiOw828vtOmhiTM6gbnZQByeOa/aS8aNlO7aqnAIbGO3PPf8e/fjHNXlyNa3RE1dvueSX3hHS9FvrW6SeO21C8l+xyaxrM0lyLeNYncZZ33bcqFCb1XL9ckA8hJGs3hm0mnhv5rWz024gn+03cYtiZWQk2uPnSHCO2WQFUKALxtHZah46uNS1t9PjSyRJLu5tljjuWa7jEDMvmSJt4VsL0+75idd+V4zUIF8F6lHd7tHt3gtbqVbqb/R5tRLSq/lk/MWlBA6bsk8Abii9dNN2lLb8jzZtX5UaSK2u6hq51PW4PEswdLV9SgaOSKeLywyqoRVUKu9hjH3ixLEnjEh8H6b4R+TQ9NlEl4GaS1tlknlKICd2Dlti7x7AuoHLc9XBrNm0kMaRyRRyu0KSyQMscsq5Lxq5BBYYfIz1Vv7rCn6qqXk0Mkss1o6BvKktpzbyKDgsNyYIUhQCCcfKuBuANe3RrTowUaTueXOmqkm5Kx4R4i8M6bo18PF6XdzcRyFLqO2gMflSyOBEmwEBv4lJyQP1zDNJbfERYlMt5pz210GblN8L7QpGDuU5STd3+91BFbF5Cb2zt9MuF8y2kt901jJZyQ/YpFZAkO9jhjgkhlI5QMMhkxUsdP03Q7GcvNBp1kjbvMuZcDcSNx3M2S56ckk579a+swslVpqcnseHXj7KfIjc8O6Kmj6fJo8ok2QWzvDIwOWkDhgWyMHcxboe+feuW8M+JLvSviMfDlzbLd6S0p3RRROJvmhO2cOzKCqOdmCMHaVyThaTxBcarrElnJp04eJI1jhcXBiVJtxYynBxJmPyxhuvlgYwSRD4w8Xf8Is2mx28Nu0g3zIZ5lRY1ABZGIB6hhwR0Dc8bR3x/eJo5fhdz1xtFg1g3vhrxCy3UCiHyYXi+/DkMpjIOUkBAO4YKkHnNYmoeNPF3wvbwvpXglYZ9GkkaeBBEZoxOrq8kU7Y/dISCWkyMqW+fC5PzV+0J+1N4n0HS9H1bQBb2c8d6VjF2iySx5TOWAA2nKLjtgDHoPTP2MvjF4s/aQ8J+JNM8RSWklxZXsP2H7JAsGxjFL8zPycAiPCgc4wOpz4lStCNT6vJXfoe/Tw9SVP6xF2XqfcfiCOwXT7hrPF7qsFyz3V483lwqHGTDJKBhdwPCjJDYbHatbwnp+mx6XDc69fJf2EMQngimTyoUw3llnQ/elYqv3uhJ4BrF+DTafqXh8W17EZL3R7rYsSoxi2qFyY4wvA6Fjy2Cm4jfgavjzSPsN8yMXW1vJI7lbhcbYL1AAXVRndnaigH+Nhzzx4VSLU3BnvUppxUkbt1qOoapa3U9rHJpGnyJmGSaP/AEiRB93y1P8Aq8nadx9cgZ5rK8TeFngPhbT7bTma3vtfgN7DukeTMWbkSSyqwyQ0CnnI5wMDg9DpN091FtcGzvTstrn5yTBODudeQflYKu088MOtZ/j9LS21j4f386mBIvEkTBPLLMJpbaaAb8HjJlHPqR71ySO2KPRrVjGyKg+7+7eGHGyM4zmrUdsW2POQ8gUqQPu9fQ1MsYXOABk5PFOrnOgNtLSVCt5E85hV1MoGSueRQAXVnDfW0tvOglgmUpJG3RlIwQfwrD8MXUtnJPod45e6slBhlY8z25JCP9Rja30B710dYHijTZpY7fUbBAdSsW8yNenmp/HEfZh+RAPagDK+JULW+m22pxR7praZUds4HkuwD7vYcH2IBrX8LaoLqz8hzmWHgepXsans9Qs/EWnpsRp7K7g3HcuFKtlSje/UEe1cbZtcaDqsmn/8vNioMJPBubbJ2k+pGCreuM96AOr8RQxwxreEKWXCsjdJFz0PvUWgeI450FvctskU4VmPB9s+tSWdvba5I15JIZ1KhfIbpH659/esDWNHFpeypbfPGgDMp/hz2/KgDumkCKWJwoGSfavPPODaqsyguDNvAXqRuzge+KW3urq2kiVjI8bHHkuSQ4PYfhXQ6L4eks70XEm3bhtsbcsvPB+uKANHxAwXRbrP8S8fia8i/aW+BkH7Qn7NfiHwU6L/AGhc2f2nTJm/5ZXkf7yFs9gWG0/7LGvTfE1ybt4NOhP7yVgzey15Z+0J+1f4R/Z7gsNFeK68TeNdSCx6Z4V0Xa97MOnmNziKMAE73wODjPOADl/2Avi9efEn4I2em68k1r4q8PsdN1O0ugVmjmjO1twPOScMf98e1fT1eB/BnwP4p1DxnceOddM+mWepRpcwaFcrAZLBzF5bJ5kahpA2SxLk8qMAV75QAUUUUAFFFFAFLVtJt9a024sbpd8E6bWxwR6EHsQeQexFZXhPVbieOfTNRYHVdPYRyvjHnoRlJgPRgOewYMO1dFXO+ItBur68tNQ0u5istUhzEZpYy6vC33kYZGcHDj3X3NAFXx6NAm0+2h1qI3Mq3Ec9lDBn7T9oRsxtDtIYMD3BHBIPBIPnlz4L+IV9o8Uepy2fiu0SSRhYahcpp928fBXz5ILdopXyD8qpEnKktXqWh+EbXRZXumkkv9UlH72/ujukb2HZF/2VwOnWtvZ15ppuLuhptao+T/E11a+B77VdM1S1vvDmnxyEW82sBRbzxZAXZOGMfBI2gsG+YAqp3A+S2/hnWNN8SS3k5f7FJ58huPtzzQ3KvJuhMUZYiPauc5A24wNw+avurxlo9rrGgXCXU8doYh5sV3KF2xMM8nPBUgkEHggkd6+U/iN4N0bQfDMnijSU1TRYGiEYtdIZ2jWZsxARWzBomZ2bKts+bCliAGA+oy3MHGShM9jCYppqEjxvXJrDxFdQ3yaakoW1kljXULdZYL+3Xbl0VWLbkLgrvXkSOAPnLDzS88fya7pCaZoWnRapPPYJpq6ldxs1hIiFg7xzsF3uv3n8oTL8qndhSa1fE3wZ1CRbTV9cvNU1e2eRx9kuFjuLew8ySEgywIojlAxK7YUKCFOMKWLNX0zXY7d10a4jt57eK9u7C+MrWtmtqqxrKscTMdpZpGO9ztUYKELwv0U5VJ3dtGetKUpam14R8Q3ng/R/D+iQzaXNbxM9itrFLJPcyvHJhnXLDZGRuwxBHKZwGO3vrd9E8XXSS+Q08scYdHmieMSxMeMbgBImR05GSCRyM+e6DryabcxpaWVxoulXCWkbNpOmTFLdij4jIliwWZjEu4Jk714G7NdN4D8HXekLptxPBbQSxxybrpXL3M8TkmOFwRgKgKcBm/1agcZz2UpvSO5vCW0ehb8ceGrC4ltL9ree3InDXN5p8eZ1ULlSwAJIyqAnDFRj7oG5cfw7d6xpOiTSx3kxjW3W9e38QuXIh2sXaOVC0gUkBikgYqSVGBtFekNyrDdg4IGeccenrnH6CvIbPT38M3Y0uaK4gzbWdle27PPeQXMUkpgLB24t41UyYAKc5yuFG7SrFRlddRzioyTRS16HVLqDUrXStPisWuIfNFhLd3EsSmNo3802str8iAjGIj8/I2O2QM3w3/bmh3NjrWrazpd7GLK6uo7ezhC7zEFSZ4lGNkoiwqghlwjAhC7V6N4q8P2mmw28yzzQTzym2m1W6lndoYyhIRnR0YISiAZYDLAj5iK88+KGup4S8H6hq1vYWcN7cWEEl7C1iwSKSNh5JZ+fL3sVASTB2gkYb5W460eVuUnqkYzjy3lI3vAPhVtW8L+HpIAbVYPNlab7SZt2VkTymiK7GYb3VnIweSD8524+r+F7v4JW8ElnrF5deEJYYLG4+33I82wCyqE2T5DRw7WZOD+74KjJ49C+Gt55egLoSXkOozaMkVs13FLuW5UxqRN/sgt5gxkhSjAYAAqrrXiI6tr2o+Gza2WrWuySK70t3Amkg8qNmfJcKMmZUCFRkgkuAOOOVD2ijZP1ff0LjaMb319De0OwubW3n88SRRyShoLeeUzSRR7VyrPk5O4Mx5bhuMgVxcfxksriS2urbT5Z9Fll8n7cpJ+bIwQApX5lZGVd4dt20IW+WuSfxRqWh282kahczThoP+JBqklxLAXgkO6KaQgEEqHSNt4HMQ6+Y2Oz+Efwnm/4R3RI9Xs4FlkhW6vJgXW93SQkSQsD6SO7HBwCSQu4bq+fxGSrETlKCS76dRyxlWK5oNvQdpvjiWW+hu3mWfTLtpBDtgMccnzAW4hnYhZS4IAXJBJyCuwiqtpY6lYS6rrlxpkSaxFFGstxtaRUnnZDOoUN86QxR2w4xkxsPlJNejaXpWjaX4N8J3Gn2GmzeLLlZFvdW+zRo0Tx7Y7ublBIzu2OCACzgt8ozVW30+20XTYtPtDKbeHc26Z9zyOx3vI7cZZmJZj3Oe3FeDgspwuFqOL993u7/kfP47HY/GUZNt01Z2+7c4bVppNe8B6pJqH2C5FvIJIbiVRDbXITbIv32IVWOYyckcE4waw7HRrXVvBer3E+k6ZJYFHubG0kiimhtyIwrBNwKBQUzngbi5IAPPa+Mknk0kJbh90dxDKxiTzHVVkVtyoOXwR93qRuxlsCuT0TW9P1DRr2z1FrqefVJbgv5dlODLHu8sMoCnACeWDg8HGSGNfRVsAqVGUaUdHNNJK7S73vfyPxfGZo6uJoqrPWFNxcm7XlfXS1r6N3Kek6T4fWw1O4fw9Z3Sm4gtg9/p0FvM/mGPh1Ea/IHYN8y5PJwcDPVeELHTrW1mis9IsdKltZGtXSxjXy8gBiEYIufvc/KMNvH1t6LpttJYyzm5k1WPUUDtPcqh8yNlG1cKqrtwfTuck5NXLd9Ps0ktoZbaBLWMM8MZVVhTnGR/CMA/gDXVLKsNjW3CnZSd+2nax8/DNsxwzXPPm5V63fe/8AwDiNS+H91rJtZbgZvbBBLHM927i4uQVKtyD5akKVyvILAjBijas3w/e6Ldawb+Z7yKKwXYbK+a4vLmO4CxvIXZjIVSLMY+U7d4LZJC16BJ4m0xYYpLeYakZGKItiRMxwMseDwBkdfVR3Arxq4vnb4laPq9obo3GtaY/9rWtlCtu4jzDHDtMpAI3yIu4HOMkEDaBjR4Rw+HhGMm7X11u9X/wUeniOKsZiJNyaU7aaWWi622uk/meozeLvI19rMrbCFJVh2+cRcPvjEgkVccoBnv0DnPy4NLQ77Q9d1RhZanLMsMstwNPmh8pRI4YSOodAzDEpJwSo3j1Apbe4uL7UprSK0uYoIZFs/wCzpreJrcQFE8zc4DdicKG5+QbetZFxo+p+H9Ygtrd7zUrSC5bUbVPMiyinicOzYLsfNlCgnjzNxOVGPEzzhOnJ044OCbW6+9t9dfLQ4cDxZiYxqRnUaT6raztp008zkvjheax8LfBN5r+lXqibTlEeltMFZreN9u+LYE2uPk6uxwAOCw3HxH4K/Hbxf8TvHcuna7eW86XEEex47SJGEqzx+SQ5U7AHfOcHHXBNfT3jW3svHls+jahZw32mXDwGK1eGTzJo3Cg3CMCNoQO2cqfunON9edr8O9D8H31++i+FtGju/sItBdadetII5d5DtKm0nb907TndwvzliB+UTnQwmHq4f2bbu9bJWemur+enmfUYXEYWdJxnTvN7Oyvqdt4Y1S68PXBjubO2kmtlh0+5XTd5kmJZh5gjVSZMBXYk4xiQYJUir+pMnh6GHVIJYC15LN9kmFqwcmRHlJnJIJRFRmK8E+WvRsZj8VpbfYILrSkOnrp8cwt5LeKO3NvcMqhEkEigqjBjnIA5BP8ADXHeLPE0CeEba7srv+1dK0W+tLu9aRRFIdxl8xGO37u/y8tySSw3MeB8pGN5KMvl5/8ADnmxoqo+aKtd6neeF/BU8kKatqVzc2+uTbZTKWQyR4MowwI27ispVlwQoCqp+QNTvCuvHSzBZaleRRCaNpn+2Qm2kjnLBnQFsCQEuzZUcYB6OoGjofjK2vL6Wwm1CxupwUMVxZkrFLuGQoyx+fGeAfmByOdwW/regnVmLxztAZYHtZ8xiRWhY5OPRuOvIO4/KxC4+SxOJlUqyjilZPby7dDRfu3qVPiD460z4beFLvxBq6ztp9qUWRbeMO43OEGASO7DvXl3wp+O3h/40ajN4eS5v7lptOle7S+hjhTeSoKwtGd2MMx5OQFU5Jya7v4zfDyb4pfDnUfDNteJYyXXlFbiZS6gJIrdM55C/rXkPwY/ZOv/AIW+JbjVrzVNN12N7cwrZyQMqOxZTyTnGAM5weQK9bLaeU/2bUnXnavrb9On6nsUXh50HKpL3+h9FeA/E13p91LpN5O8uo6YUPnNgPcxMPkuMDuSHU/7SOQAMV9C+FfFEPiK15O25TAdPX3HtXy3qWnz+G9JsNTE0znSllluIYFLCW3YEyRqhPRflKgZI8sLyGIPc6Hr0mm3EF7aTqRgMrKwZWU8ggg8jFdOUZ9PLKynvSlo/L0/P52OrC450mr7H0LNEk8TRSLujZcMp7iszS5X0+5OmTksuN9vIed6Dtn1FVvDfjGy8Qae03mLBJCm6VHYfKvJLZ/u4HXt3xXJeIPHP/CWQyW/hraII8PH4kmUNapJgEeUoYGbjI3ZVBnhmIIH7jTx+Gq0ViITXKz6yNam4c99DvdY13T9AtBcahdR2sR3BA3LSMFLFUUZLNtVjtHPB4rj774nXklpBeaZonl6czbpbzXJ2scR4+8sXlvIT14dU6HJAwT4X8QP2ivAvwZ1SKLxBqxv/GslmI2ur6OQyvE0jFiZY4iIkOD+7jVckL8vORzGl+NL/wCNOmQa5ZXDvY3F/LOJJJWexeKN3EaLCzKxO5U+ZkDZUnPavnsyz76pR9rTg7PZvY8vFZh7GPMo/PodN8Qvix4p8Wfa9B0vXNJ/0hZI/wC0YLGW1hij8tiyiX7Q5eXBVgUxjYT8pBFeN+E5JNQ1PT9P1fSpLfXGitZLXWrZpIY5LdY180AoWO5gCCWK58wA4IUHo7jS4Li10uK+t9Q1CyfiGCF44UurZTiFUCyAko0kZXzGzsDMTncKw/BGk/avGM0V3aXFvrWm3ES28bMqW5tkhVJZmTgyzGSSUFxvwzqAxU5b4WeOnjlOeIney08tfy7rsfMVsTPEKUpvZHU2drcXsmnqbC31GOOAyXNne2rxRQzHGFDsp3kbmO4hudxJ/eKU5jTfg14J0nULWUeErXzraeOH+0MAZuAgfO3dnrjHufTmvQ9evfOH2dLV5khubdJnbZ5LMzJtifnd8wZBwpA3LnIzV7RPBtrpsa3l3aWsU4kkm/dOrpbIxO1QWwQApYAnHGcBVwKjL61aMrUna71t/wAA8uNWpGN03H0PPVbxH4ijMEkLpBGRJPGqSW3lsR/qUfPzZ+8OedvJ2uMJq0Nt4HtrKfU7eC41maZ4zOqmV1Xdz8+3e5VNoHG5zgd67a/8VWEGmzX0NwuoRhxBFJbssgdmYKBu3EAfMD19MDoK828W7vGniTwYiv8AYhvvDJDNGjqWj2cqS2GG/b907ijN935hX6JhpTevLyxOanFTlZ+d/uIptQOuWbw6peIII28xbqDRXKhc7cpI5kjb7wwcZx1GDXMSaPqum2X2PRZTHYM6zHVH3KskzsoV/LaIcs5ycMwGMk/wn0fTXh0XUZtI85rm6lnJeaCFkiEhTcyAZIGV+oJJycmr/iqx1bVLeFrOGW8tRvjuVtEjMhLY8sFXGCpO8Y56DIC7q92CtZdCo1HH3VE5nwv8NLHxFHDczSTy6nZsYZJrloZ3kCtnaJZIuchu2GGcZ4OJ9Q+G8dzo8slxLLqUto3mWkO6ZV83aSi5eZ2XOV4VlGAR3OeosdTsPDGmabpc0i2115MTzQpbEQxtzuDKqlUG/eQzEcdwBmpPEUraXo95dSCT/UPIU2BTwvRRjqAeOO9bbbESrVIvc8i1jR7qFbW80uxaaIalEtwslubbzQwdWJTaoONwTdtJYSY5K8+ueBY4bPw/EySJPb3W+RZLGQtDECd6xqcDKgjPI7twMALyPgnw+Lqz1SG78i3UxxW8o03GAdu5Zg7L/rQxyOCVwpyc5rf02O7N9KtjbJZ3kdwzahYEEpfKxA+0Rtxhyoz8vy7gwfJ+YbG/8SPmjr9Xs9PurKykuYku1JZWhdckHPysn907WGG6jtyOPKPiR8NNH+KmgTeEtPvtP0S6S4idpVgEkkaxl1MZAw33m6du+M109wupeKrGBtOW6NuzkXFruNtP5ij7pfIPykEld3IIwSODm/2TceBxplxcSteao0mAk0qrB5jK0krb1XLco2OCOevTAKnUnh5qpHSSL37NPwGvv2afEHiC4fxBb6vHqlvCkckcDxLIqSeYpQhju3EYwSMFST0Br7E/tI6HZxa95j/2tpki3E7zPhZIiocfNuJ7j1OCwBOcV4Vousjxh4T0y8LFYfswOFwTakO2RnAzk7SpOAcDBAHHoHg/XtPvtJv9I1qBXha2MV0nmbQ8RTy8AABiG3A5GCOOCMUHtLFzrVOao9WfQdvrnhf48eB7mHSdQs9XsFRULNIHEEjAx7JEH8JTI5BVt5IJGM8r8MNWvNBe+8M3sU1rLp91Faw3EzvIrupzHJ5hLM7EAwuT1eMOQBMK4X9nvwnZfDPxhd6U15Pf2XiDakN1cMqndCGZYiyqq9JGYNjrkeld98UPCdzpraT41gs59R1aCOe3vrO2dYnuo3KxPFvZSPvJEVJK/vEhJYAGg+owtb2sOaW/U9l3xyae7AJEyrKd0h3eU6kDaAcdeO/WugsWDWcWMnC4+b24NcH4R1+PWtLS4Y+ezxfvv3Ri37trRXGxhuXepXqMg5yMjFdbptwzRrkiSWIiKWOM/ImTkHkDJAx0/Sg9RbmuzhVLMcL3JPFUftsl4dtooCd53Hy/8BHenapaNeWeEILqQ6qejEdj7Gn2N5HdWiyr8i4wy9NpHUUFlWaxNntuoy800Y+cscmRe4+taMUyzRrIh3IwyDVQ3j3bFbUArnBmYfKPp6mrFparZwiNWZgDnLUAOmB8p9qBzjhScZrmtAA8O6u2iSgLDKrTae3oucvDn/ZJyP8AZPtXU1jeJtDOtaeqwuIr63kE9pN/zzlXpn2PIPqGNAFXxL4ba8mXU7IsuqQx7BGXIjuUzkxyDuME4PUZ71m6TeS2sIvLAPcWLE+ZbyDEkLjqrDsw/L8Oa6PQdaTXNNS4CGKZSY54GPzRSKcMh9wc/oe9VtS8Pu12dQ0y4+wagcB/l3RTgdBIueT/ALQwffFADLO603VJp5HZGaXbmOXhhgYIq2fD9iZI5DGSU+7lzgc/Wua1K+sbOSBfEFg2lPM/lLeQMHt3bBOCw5UkA/eAHualhsdFuV3Rax5sYyCEkBHTP8qAN7UfENrYoQriaXtGvP6185ftDftZaJ8CLyGwWyl8Y/FDVFC6R4O005mJbhXnI/1UWecnk84HUjz/AOPH7WF1q2r2/wAPf2dTpvirxfd+ZHqfibzPNtfD6KwUs3G0yk7to5xtPBrtP2X/ANi3TPhY1z4l8Sz3HiXxpqh87Udc1Ni93dSNywJYkpH/ALA5P8WOlAHD/B39l7xf8YvG8PxR+OOoprviIc2GmKudN0VCf9XbRHIaT1dgeQPvHOftnSdFtNEs1tbOIRRjqerMfUnqTVqOFYY0RAERRhVUYAHpUlABRRRQAVFNbpPG8cihkcbWU9weoqWigDkPC87+HdSk8N3LFo1DTadI3O+HPMefVCfy+lLq/iNNcNzo+j2UOsuwaG5kuAGsogRhhIf4zzyi5PritjxB4YsfE1vFDeo7LE4dWjcow7EbhzgjIPsau2Wn22m2sdtawJb28YwscahVFAHltj8M9Z8C+bf6VP8A8JpOy4Ona/dsphQljIlpMyuVB3YEcmV6KHjWvOPFnhvQta8YTW1sl9pN75js1neWxgnikLKN4dgRNG5UbZo2ZFfqck19P7Oc5rhPi9o/hzxJ4X/sjX1nkluH32H2HH22K4UELLbkj5XUE/MflIYq2VZgdadWdJ80HYyqUoVVyzVz88fjJ8H7+48R/blmgWSGOKORZIWEkIjc/MjcckEbhjjAOCDivI9cm3zTWE1vtjjlhjaTeBIsjOAropUggNj5icHa+M7SD+hz+C9W+InhG7hv7E6d4h0uY20/nR7UuVHzJIrKP3qSxsuHyVV968OrY+MPHXhQ6xrWoaGbe3t/EVkjOY53CTbUbdIMnkBgpBI9eA3Ar9By7HfWKVuvU/OsywX1eqn0ex5PNeXVrqFz5qyypDcrLLJbwqssTNH5auuThgVABAU4DE7sjAJtckiZrGxuLmCe32yvCLcSTyyM5Z1JAKqcMpyBj5s8gEVk6rpU1rDE940dtI8a27jUfLmG5pVLPGoPKxgE4PCgjAHzUzS21HZFp1nevqNzBNdSKzSrF5kfzJvLE795ZwAx4OT1AVq9DnknY8/2cXG519nr0c01tpuowL9pmPkushjJaTaGI2dSDuAzjGfbBO5qNpczafPHb/JIykK27b0HIBAOCRxnGR1rznQfEnhrVdUeO38RWqy6hLCn2J5xLMduPLQMx4YsTxzjPBB5r0qy1aPUImktbmK5UcbojnH5eo79K66FVVU7ST9DixFF0pJuLRmeG9YlW8lsp4nSG4u2iTz7jzJY2WLO1hhscqx+/wDxA9K0YPGa6fqEXl2ckpUtHEzMqiQLIEIOD8nJH3geO2TiuU1jSUg8RRyKhuLiZnuNtqoS6UBAgHmlgNmTgjr0GCAcbVnpZ1DwsLyK0tpdQvLSOR18mPMpYAksGGwnrt3cbsZrF83vI1Sj7srHcfD640+1txf6eq2V/HeiEaXHDLc3FzCpVWaHDECNP3nATjb82M4rsde0WyN1MILSC7tLsQs1w0e+VVD798EgfAVlbHHTdn5uleX+H/G0vhOO1hW4urLUPtBghWxjtfMitGETyK6n5MnazKp+c4BxgNj0n4cePtI1STQNJsryXVpLjTcwpdW4hNtNGqhoIyyKXyA7ZwcbCNxDha+LxkakZvmu4n1ODcJJctubzO90zTraFbvUpYma/vCxe/lcyXLLtVRmRuQAqLgdiORk4rW0Xwnp154Qvhqi2en2slrFa3ENgptVkMZyty0mdyybjuBDZXAwzEZHiHxm+Jmu+D9fsLKzuBpsZRGkV4PNjTMm0eaWXcqEAhcEHJbJXAavV/hX4sm8YaRo+vwQ2cF3BNKvk3kL3MJwZIWJjLqVyMMMnKZI5BOfDx2Dn9W9rGNj2MJiYxxHK3e3T9SPxNr1/wDDq/ttT1WdZNSgtEt0uoLyNTq9uGwI7iBVDRSq7l1dEMa5Ys8SuwXXT43eGr+FJbLVbzUNYvJLeexs7KRZ1+wGCOSVZbVD5rSEeYQUVjkQ4YIWFdLoPg4x2M9hbauYdOvbKHTLwGFSZI034VCOI/8AWOucH5WwMEAjQ/4V/plvNLf2F/NpWosD5n2dvPsrohQFeaAv5ZPABZNrkDG7HA+OlFXcZ6WPvKEYVYqZ5d8StU8c+IvB82o2sx8G6TEF86K62LN5eWDNNKjMYo9pRjs+dQSS3y4rzz4KfCnT9F8JeJ5vHXh63eOJiUu9WSOa7hIVxORICSvGzDKfcHGMe5alq2rabGLfWtFh1ax2ss93pCF4jkv/AKy2kYyBcYG1TKcsV6DJ8it5DrHh3xl4b0W8t7zTLjTwmm3TTGQRiSFgIXOS3GD8xGdjoOWQ58uUvaNxgfcYWEYw5ZRWv3oofst+F5tLvPEl+mvWepWoRLNY7eF4zhGZklZHRSnysfu5U5POFWuW+FfiK/1D/hKZ9Rum8TG2t/ttpaXjNcm7lVXKyxBw2wE7RhVz8yD0r0r9n3wJr/gjQLiC404XU2t61/Z1r/pSM4kW2L7XZiCFCpIw4J+8QG3DPRaX4I0rRReS6TosWj3LXM0d3ESFKyRyMhQEEgBZA+Avy9DjFaS+BLsdMcXRnjK8G+dvZ6dPl+R4P4M8V+LNDeTWtOtHfTlnZb3TlaURSqVG3y1ldipjKgdThXCqAqhV1ofi1ZvdWtxp2lHUJWu55N2nwwy3KNI7bopfJkdjGgZCNqf8884xk+raxb2tvHLPMbhbe1O26vGik+zROV3FJJcFVyCp28dV45FcD/wuTw7a+Hr3VNJimv3t5o4BbyxSIQZN3luS+fkIjbnk8Yxk4rlnUvvG57VDDU6y5sPprstbMzJrDxL4rvo49YikjYTv9itLRo3K4BYny5MxYG1CJJC5yeFjLEVz/i/UNU1LxNoVppC6wtgRC326G7u5HhZspI+WYxQyIgJ5XBJIbcCVre/4SKfxJ4c0/XDpN8sk1zdEST3ohtyEE5VISh3LJtiKhhGC25wSQeIpPCfiXxV4ytP+Ef1e0GgaaLYPJpN1ILbqWYBF4ZioAI3EYA+bnC0lK17DpvD+0lCqunW/9XKHhPxFffGXVLvQW1e8uNIbUFivtVFu1nDfOsSsq7UlI8x12qdwQL8mC7bQtP8Aa2+EEmk/CC/h8PQ3E32h7SG00Sxt5ZEjYyrlo1D4QFVAxs6k4xvbNn9oD4H2vhW20PxHphurWK4v0+2WNtPMsC3i7ytwoD7FkdECBgpxtB69em8C+JfGHjzS7bQL+K5l1DSbW3jvYbiK3WOR5FZ/MnRiz7HhKZwQWZZDtUla19ooyjVpvboeRPDx9m4SslO6TW+nQ+Rv2VfAvibTPE/iaS80q+srM6Y9ncNNGY8lpowYhlSS2Ax2JhyqPt+YCvrHwjqGs+DbzT5oz/bMVsn2Cxne3Hl6imEkkSFw4CFREAWYv9zP8LAw+JvDcVpcC00/VbK6s9OsLuwEd/p8u3y/l8xVcZWWQeVyPlBwcBgX2+s+JGtvihodtpdi4heydYZtD1SYrJeb/LEEy+R5rOVdSFGM7mLfKUUmsVXeIlzNWObD0Y5dR5HJuPV6/oer+BIo/FOi6VdW9zeR6HDdXF1b6dNFGphuGaWKQsyglhueVsbyCXOCRtC7vizw7Y+KNFlsNRt/Ps5jkpHI0b7lYNnchDKQR1B9s4rjfh0z6X4dstN0bStQ0u7ttKeKUasZjBfX0ZCySQtyoi8xn3FcFt4OxQMnTtfFMq3d9GsOtappNlb2v2q+vrOKGSzuJZGVldQE+QFYzuRX2kuzNswwyo05RqKW1j47GYunODUVozxrQ73VvhPqv9neI1u7fRbiO5aFUT7SjusyHfFs3SBQHbPmYY7l6tmsb9rr4va38H/hBD4p8LTWr3sl/BAssymWN4nRyW4IB+6MMD0/GvePHPhHS/GEVm2pW87T2u8RMkskTBX271+UjIbavB9setcd4++GPhj4geGYtA1/R49V0SGRJUsWZ40RkBCldhUjAJGM4wa+3jUjWSk/i/A+B1ozvvH8T4t/ZO/aM1vxx4y1s+LtQiitmjGyTzWji+0SMzbmDuVHEbKAuB8wAB4FfSFrcR+D9Q328lunhm/Pn294k3yQXEkhJRiWxskZxtK9G3KcZQVb0f8AZp+Hfg+Z5vCuhReG9RZldbqGeSU5AZdpEjvxiRhgYJz1BAq7a6bY6FGvhq6vbe6klV2ktLt4/OnDlmYlMDcrHfkbduMj2HZFRmvM6I4rkne3unrngrxsmrRrZ3f7q8XhScASfT0Pt+XPFdh2PA6HOfTvXzLH4Z1XQ2c6LqggsliVYLW9t/OEBUAAK4dWK8dHLH3xwfRPB+qax4nNrBrnilrZ7Yrvt9LtVtUu8MT8zSGRwCNoOxlJwTnmsnFnoKUJapnTat4qsPAmpwafO01wL9z9ktLWJpphJkAjaoO1PmHzNhRnk0HSfEPiiOZdZuW8O6cZPlsdKnDTyR4YMJp9vy7sr8sWCu0/Oc8TWfh/w/4b0q4sNP0+3sraY752VfnkbAHmO5yzvwPmYk8deK+Kf2iv+CgHiT4V/EC/8LeHLDR9Zs7WGMJqk5kZi55bgEKcHjuPrT5Xu1oY+1Tk4x1Z9xPc6R4N04iCFbWB5CWW2jLtNKx64XLSSMc+rknua5C68VXHiyfy5fL0Hw8YlcX2o2rzm582NTEqwKysFlD4Rm5YxvGF3V5j8FfF1/8AFb4c+EfGt3Y6foXiGaS41J9a01Ve8cu0sYiIkVv3aq2NrFxhE4BXNdDosGn6leeEm8vRfF91cw5S31K+8yK0DqUW1nyjLb4d1IEcYXfGYljyEY8VeVSC7HM6ntJcjex1fhHwjZeMNFjaefRvEEshtrueOe1ilnsysKRx2xcHHl4RgcrkrvGTuJGro9rqOhyQahe6nP4eS105LOU6zLbSwebIf3zQhWCqCY4sZ+UFeI/mfdi+C9NvLWOxa6Fh9r025ktH1eGZhctFCGg+yhQgBh3KzA7h91WKb8tXQX2vm81O2FtNa29xZalDFAZn3TvLJD98QYHmxhZG3fvFwEkbgxivLmtOZmsLt8qPPPjl4yS2+Dd/a6bPaPb2UkC2XkXbPeW5tpElt7qQIuTExhXpjIKndhzt6nwN4S8d6p5reKHhu41eG4S11lYrqOaQxyxynEZAVMGNhwcEcKMms7xVap4i8QQeF5LgzaRY6lKdUV1AkvZZI1uJisKYZhtvI4VVAfmudx+aJQ3qereLrWG3it47qPRpXvBbXF5q0DJHYExmQGZCVwSCi8kA+YhDYIJ5Zy2t/SPUp3p05U3H4jIk0PT/AAP4WtYL6TzBbxpbedHbfNIRkKqIu5s5bAQE47butc+urw6mPtCu1xaqGVTICpDA4ZcMAwYMCCCNwK44Oa2Lm4bxdY+ZJObe4guZfs19bMB9x5I1uIQ+4bZEBYA5G2TBz948bHeTWf2SKKF5tMuNQu4EuprjdczXKSSGVnTaAFZ0kxtP90bVGBXtYOXSR4mKpW1iVdY0y30e8sJluvsUbXjOZ7tnays3eOQvOYgyqCxJQnIGZiT1bL9FV9a003V3KmI2dUkRSscwVmVJApyVV1AYKc8N1JGaszWc2qfaSdLtNRMtlLbxLcXclsbKZiuy4BRDlh6sVwFGCuWzz+o+OoLPWBpsdvdSRW80VvNfRopVJpNoVCMhmH7xSSFwpYYGAcezQvKpLTRHBViowVnuZvxGumk8L3j20n2e+XDK3yqVQH5wWboxXIB6A815JoFrceIdJDw3ZkNtdtJbGSUXPk/uiu2ba+WzvkI+boUOTjbXq/xYtZYvB+qw20EkzXMP2dlhVpGCuwV22jklRuYDnOO9cH8PbGaDTbue6FxcXMk7I7zr5XmxhAFIj2/LyG6gkkEjhgB9VhGlC7PncTH3vdNHT9JTRtNtoA63SbSdxI3RtnLArjhSG28AYyAPu1Y1YxX32eUIssF0gjkWUgoHHAZmIH8QyDwAdpq9APtd15XlB9yHbGpCqflx8oPcj5h9K5bxh4MbWbpoVey/492j8xt0qRFwpLxtk4cdMeoHzcYPpqbWyOFwb6nO2+l+CvitepZeJ9LbU7C3lFzHDIHjKo+QWQnk/LnqSQVGRyM+i+APBOj/AAPuJ9P0GyTQbe9uEe6aGTcso/gfl8qU3E4JPytg9DnzfXtFvPAs1vLpGmsdqMZJGWa4DAFVSPbnMaE7gSOM46cZ9S0/XNI8Qafbae95Zrqy7GW2ZwJ0LDGME5KbUOcAAZHqNqq0acpc9tS6Naoo+z5tD2TWPGtr8PdMXxVGwS306UW12tq6uZ43KxquwY3YYrjI6upwCAR7R4T8e+GPjJ4Nub+zuvM0ueaS0ZZlxPC5CttZMZDBiCOoIZSDjBr5k8NapY6l4c1DwzrkENxbzMq+XMGUthkH3sAgqU7YIZTgn5cd78GV0/wTHdeF9OgMFlfxSajpM0xZ2aQANJE7MxLlNqHJJO1QScYFeFi6CcbrdfkfQYPEOMrS2l+Z6rpNy8NxFc6hxcW83k6nwQ3l4H2a6wOhCPg57b/7nFn4qTzW/wAOLq9N21iul6hp97eTKDnyYbi3klYsAcBokdScYwxORVzxJbpouqW+p24+0W32Zra6hd+biFw8jYUsPu5yFVS2MjpxS6hpdpqXh/XPDWqr9u02W0a2f5gftmnSoFznuVyVJ6kY5yRXzst0z6WGzPT1YY4qO4u47WPfI20ZwB3J9B71xnwu1bUNc+Hvh7U9VgW11j7DEuohgxKTquLiMZ+b5JVdRn0rr7y2XULUrnBPzI46g9jXOdBFtudQ5YtawdlH32+vpRc6eq26G2RUlhO6P69wfqKjtNWVrUm4IinjOx0/2vYVJtuL77261hPb/lo3+FAFm1uluoFlUY3dVPUH0PvT5I2aNgjbHI4bGcH1xSQ26W8YSNQqZzgVLQBycbDwp4gSF+NO1aTMbAYEd0Rkr7CQAn6g+tamveH4NahRgFhv4Mta3ewF4G9vY4wR3HFWNa0mDXNNnsrgEJIOGXgowOVYe4OCPpVTwzq02oWsttd7V1OyfyblVHBOMrIP9lhhh+I7UAYOn+fLcyG2C2OrwDNzYZ+U+jJ6oa1bPxFBDNKt9C9rPIRuBXKnAxWnq2g2usrGZg0c8RzFcwttljPqrf0PB7isPUJNZ0lYxc2a+JLHOGeFAlxGME7iucPyAMLg89KANX+09HGH8y3B9Qoz/Kqt14nM5MGnRNNMQfnZcAe+Ov54/wAOX174geDPCeh6prevIug6ZpaeZeXOqA26wrjIJDYJz0GAcngZr5J8QfEjxx+349t4Z+E/9sfD74TbpE1zxFcQrbT6omQBHbkEssZG7JIBOVGMbhQBv/Fj9rTWvEHi65+GnwEtY/F/xBmcw6n4oYeZpuiDOCA3SWYegyBgnnBx6d+zT+xzpHwdmufFHia+uPGXxH1N/P1LX9UfzZXk68E5woPRRwAB3GT6R8DP2ffB37Pfg+30DwnpkVnFGoEtxsHmzNjlmbrz9ST3Jr0rFACbfenUUUAFFFFABRRRQAU0L706igAooooA4n4maI99Y2d+Vku7fT5DLPZjJWSMjBfb/EyY3AHg8jvkch8T4GurLwnrVi0Uem20s1vdykK0Vslxbskd2QSAyrJ5YycgLKWPCkj2PbXm2reFNU0/+0NL03SoNU0G8RybeeZUjVTnfbupB3KSTt4wAzA8AU4txd0NaO58xWXwn8S+A5rmHVJI47aSJI/Lh1GW7SSdS+5w8gAGcrnpkkkgc14b8UvD9/Jfa/KtlJf3ECxyW0hggliCS7o2SYuQwCgMQsZ2jCO25jX254X0cXWnav4XktJjo9rDFNpMlwzvJArtJHJZuWY5kgljcZ+6I5oFGcEn50mFlqfjaS2vNKaSZZ57a0udx3SG3lIxLHxja5Z1B3hTk/Ixw33eX4z65SdOo7SR9Fha/wBYi4y3R5m1nBetrrzafe2GmyTW1q8KSSzK97j5JHhfbJIGEkCnpu4Y9NyfCngP4xeNbnx9pGivr95Po15rMC3Oms4EFwrSopVlxggqMHNfpD8QNKs2jiM1vaxSzzCGXUZ4mIt1ALhyUZGX5kVVbcMMw5zwfI9O0DRdKjuNS1jSLe2uLOZYY7qHT9sN8XckMwCkwERmMqV2spJYFslRrjcJUqSi4TsjTEUZ1HHldj0TSfE15pmipp5jttG1GOS586PU5R5FowKypAChww2TptxjCqTtypQReFfDF/ql4l7ex3UFtMYrq4a7dRNdsVJEMiI2wKj4IYBcqQm3C7mztY1/7Rp+oWWiJqcPly2hit5raVXvfNlQFpJphvXco2K2QVwcElcLa8Ha7eJLaSvb3WjWl28l6unOY2sY7ARKDKkm3KjcUbYSrAucpg7q9RSXMoy1R28yvZnX+LzeeXBHDNf2to6uss+mRCS4VvlCAAoxAbLfMBwQvIBJHk/ifwZdax4X1jSmtN+r6paNCdLtX851aZIyZbuVt2xUkikkXLknJVWOdteoabpV14nig1LVrq6t1ZzLbWNjdNCiRbv3ZkaNsuxXlhuKckYI5Oxo+l6R4fhFjp1vaWCk7/IgVVyT95yB1J/vc5/ntUpqrrLQuUVU0PMfBGuXVvqWm3c4mnZhHpt4+9pmZHCtbzOVVYkGXXAUucXLEtlGrZ8aeFmkvtKt3WTU9Oe9uLpLKGC3efzmikbcxnbayfM68rwXUE45HO6ppdvol7a6E2lxO1javYWdxdeYVMZTdbSIYYyxdES4THDKY+GXzAzdbfveeMPAum3UUNwb2Js3SwSmC4jkQSRSCN1xtPmBlbHOwvgZIBwhaUXF6tGKTa72INC8QSaf4b0OCSyguhaWNrcXL3MnlyxF2KYjjCNuZSrDYSCCAoJJzXoyyMhG3jvxz/n/APXXiWh+ILPwl9n320K2s2n/ANr2Mmsm3t+Y0AnMKxA7Ay+U+CoORI3OCBs6Z4Z1GW7itptPs/Mi0+JrqFb+RFu5JCwW5d1T/Wr5T9Af9ZuDkqtaU6j5bFKXRmfpviyy0Hxl44heCSd9LjV4PJ8ySLZPLPcyFmG/ygZZHVi2BiPhcDAsar4mnmurmGS5gW4WLy7WfT75Vto59oYvJuKl1G+L5RvHtlgDnX2l/wDCG+OtAt9Z120tdN1rRjpl1DbwLbxSi1w8QJffyRcTg7SgIKjqBWvqWs2fia+FpoK3Cx6lD9hluH220EqEXJVVLIzg5imUMqbcMeT8pHlRwtNScrLmuebXjKcHFK/9djJ+KPx+8KfCs239svfOty8sSG3tXZC0f3gGOAcE9icYwcYrzb4ZfE3TvHnl31hqzWcFtHPH52pTeT5LZjd40wAoR/MHB3FBGCv3RWd+0B8Lm+L0OieRr1jottBqd3E9tcTGby5WUM8gIUMI2dDgnqJIyMb9om+APwqvfh74ZvtHupp5V1aRbxL2N0hiNmcJKxUuWOUPdcqXQ8HkZqWIp1m1H92ktdvy8z8BzjCYWhTlHEvlxEpXUVZqzbSavp8OrXTU9d8F+Ko0tdPSWaSK0ksFdLWa2eMwkbQsUORulUDOSN5BUHPIFVdXht1upWSaG60eNTetcW21ZkFzI2CrfMsoDDO3AB2p94jBi0vwvaavCB5lzJcwiGe0jvB5cLW67gAi7mKqysQw4IyuUA2isv8A4SrQFt7qyt9KvdSvLO7LL/wj1ks4sn3liI2YDgMpJyACXOBjp9Jh5Qgub4b/ACPzmviqtRKlCPM0730e7+WljtPstidIa/aee/kuJlfzbVzbuZG2QhV2su3ooKk9V55AA5HWl0qbxlorXsEyWYtZNIktFncfZX+WZSxQ4KlYx1PRdxA2MVzPEHjOF7htDHhvXL6fypXkhvovK82V/mDoEbLkEMo2gY5KsAC1ULiz16RtJg/4Rf7RpsImu3+2Rww3EsYkV2R1DscFsAjHIb7rYrvqYiFRWgr2t0vrf02PFoYWvTk5V52vdL3kvdcdLa209Eeyx3GmaM0Nh59vaySH93C0o3SFj15OSS2eep55NYHjLUoIboJcWtjMLWETol5gPcsSQYYT/e+UZHOdyDHNcVq1r4z0r5NL/s+XTxaxSzxyTyS+Rbo7shEpVWI5ZcBGcKmcliDU8l94k1q+ksL69zasyGO8tJXgtgzMFjACrHKykkDKyMAWXnGa+czCjKVV1FTb/BdeqPby9Rp0VTdVWXW929t13f47o9aVduPl6f5OBXnWq240fVo7OWeGWC1t0FlbyN5dw6yTqcREZ3yI0UZBI5JUHGS5qWXhye81hVudP8MzxXc72k80mltJcXDRszsWDS8KdnBLOchWx82Aapo0/hMmRNJstQezjSd20ky6StvAGcktiV9/zbztHUBvbP5hmnDOJxVJVOTzva9v+HR7tHHYXD1ZwhVTfZ6de+25fm0NbXxBB9s1Szh1Lz2uUu5JAZrrOViSSHaqbQgCg5ySpK7SxNZfjK1n8I6Sl3qjXF3oum2yQG5swke23LhZkkRpMyFlVRjaRzwobDVLFYz3y3GnrqM95cTr5kFvqUCj7ULab57Z5O8isuxnHBRkZd5DlrHh+S38Q2uq+GzEh0q+s5pCvkmMWjOxR4PLZVYBdwIz1YSegVfxPHZVicFiY3V4t6W7eXZ9lsfWU8ZTlHmW6tdGB8MbcaWmo22py6lpdjNfLqdnp1zBGNlqWzCZMKTEA8LEqxAVdg4ywOr4V+LOm3Gtf2ZNf3d9eGEmdUtjPH56rubyGhUqRjJwCTyvAO6vPtP03dr2vnwvqVp4Z0Nmt9Pn03S7EOmsS7iJPKMgAQhJV5TjDqSduGrt5tFsfD/hu10OK6SPTrSynhht79fKn3qysYg6Efvd2CrqCOjgSHDDzcbh6Dqy9rduVtLWcdOujV/n6s9Koqctb3vsesWN5BqFnBdWsi3FtPGskUkZyHVh8pHsRWFpuvXd5rb2sgTb5kytbpA6y26oxCu7FsYbGR8ozuGMhSa5DwX40m07SToF3NYWGp6fcTwyteyLEvlK+YyIwcqHDjbnshPPAPcjxVptjpOn3mq3lro/2uJXWO8nWPkqGKgtjOC3/wBavlp4OdCUocl76Lr8zh5ZQb0OM8d+IrTw1/a2ryT2ksto0ciSNI4lVhsX7MgCkEOwAY7gB5uWHy5q34St/FX9nQadNfWumzWNrCpifTtxK8qrb1nxk7G4wMeneqOuf8Iz4m1L/hH7fVbTXJpJZrsaUdRiVbaUEs0m5VaQOGckKcgAtwAuBzOj65rfw80izmSZtT0+9aMfaruERTwQONsTqSxV1RiE2l8/OvAVlr6D6nUdBUYJe07NdPnoup005/u9NHfr+h6XqMOn6IxvPEesNfIx3JaXu0QEqQ+EgA/eEFQctvIxwcZrD8YfGTxHq13/AGbaWf8AYMTPs8u1YT3tw25SQcH92mwgnaeQyhXUEstQ6Tdpql3cXN7HFYzXEUkOqatF/peYyGKop2hVz5g+6oUEnDbias6h8PUs1Eug2kN29xDDEmoyzk3Nr5f3XSRs/KRtHGNuBhXB2rlQxCwq9nOd7/d+lvzZrDEOKavc+evj18A/FXjrxBBqllbWNlBZafvuUnuMyQIZpnVpXAIdgpwWDMSVJJJNe4fAHwjqPhj4Or4Za6tn1G1NxCl5ZTGSJmf94ro4AJC+YAcdwa7LxHLZrcv9qsWvXs7dJ7ySKXyx5LFwAU3ZkUlXOw5GAe+AesMSrHuy29sZwvGP/wBR/SjHZ7icTgqeEnFWTuvl999/IVbG1K1BUZKyOT0nwTCrXrT2a28UzqUiiuJJGVgwdnEpwV3MFOAeq7jyxFZv9gWelfE3TYoDK0skcKHDlvlZNSkYuxyWDOikjg/KhJOMVv8AiCG8uJrYwRXFxbhJFeOzuBDJ5h2iNiSw+UDfnnGWHyntyurWOsalqVxqf2iS6is4YrC4Omp5nmSqkhkYqmX2K0oUoBuGWKjIzXJg60pqUpSumrW/A5qPvXuehR6DYNq32ieJvNjKksXYoQCdu9M7WIJyu4Z6Y6CneKP7L8QafdaAk8drcXEBV1WQGRVYAb/LH8OTyOhGMg5APO+H7O+02GW407QtQkicmdIdPhjgit0ESgqomaKTnaSR5fBfnAyaxdV83Tw2o6qX8Og3Mt3bDVrbaPPEOz57pHePaN/AODjgH5dp9/Ce1w9ml/XoUqc9dC7D4HTQbG+WWeHVBIfPulmhAiwAB9w5wAEXqxPc8cDjrfUNKuvEFtrF3ZR6bplnAkmnx6fbkAb0KqFwhZnkjLyycYQmIAHDMb3iLxlNFouvWyXM2rQrEsVzby3MUj2+d4uGkEMg2/L91SQWbITAIo8E6Zo/jfUBDLd3lpcS3TXkv2G3VJgJeFij3xlCNqLGG6fuge2D+kYHETqx9rUvrYz5fZxafVnR6xbeHprqDxHJCmnLNIrRX1q1xJFPIYyVZYlLBm2DqATjljgZq1aakscVpPBMI7PUFD280iAblK8MN2CGx+OMmui1T4aafqGkWVhE72lpaGJ7eGGT5oVEZUEllwz7N4O5RnJ44Vq8v+LHg+z0HTftVjqlrFbxWL20PmruUPGZZh5bs+4SMxZju5zhulfSU3CS5bj9i5NI6DW/A+l6l/plzLJbsyrFOI5FMdwmWZA4PzbcNzsOTyCTkYyvF3jT+yrhrX7EriFI7mZ5JNkiqWZNsagHLDbjHAORzyK+N/gj8WPHniH4r+HNPu/FGqajDPcbDa319I0MnyHCsCcY4H6V9r/C15ZNYa48VWEl9aRxRrBJfxLC0E/zByhC8jCqoI3exOOOqJvjMC8JOMZSvcv6Dp9rptz5VtBClqoYlYFAjHQ8gDBUEZ6H16dV1rwxBqbWlzaXDRanYyH7LcIBuKkfNGxB+ZCBkg8leVwyq1bXiLTP7NuBfRBo7VnICg9MgEqc9QASoyMdOSOKjkLzRtJbS4Ij3BWJxuWP5wRzht3Q9+D3qjztYM5RbibVLc+I9Og+z60m2LUNF8xCqurZyAQAjDBKHAV0IDY4Zeh0y50/xZbSwMkdsYVxPZXioWjdssiyxsTgHy9oJyDs3DIFc1Z61BrWs3klhZbfESxSxWjyr5cd3sIZrcbW/iCOikjjOV3LuDavia+Wzk0TXrGGGWe3mt4PtMZQebbySIrAMrbNrRujABjnyRjtQdVlUSZy3ijS/wCzvGWnXlxc21lbM0TwyPMUktgjgylflIUbThyzAAY3Eqa9buIHtVPlszQsAhQSg5x/yzYd9p5BzkBumeBz3jvwrD4it9PnS6ms0gEiAwsuVLhC6kMpx/q0ycAjbwRyK6jRdPj1nQYBFshFtbeRGVXrhtqK2eTgELnHXdjOSKBU1a8Tq7PW01LSp7YW063UbJIDGrO8EqdJMj7rAliTj7pP97NeufC741eF/i1IvhObU3t/EZhkguLF4HSJ5ACZlibGyQZVnK5J2nHZtvz7puqPJHbpLtSa3IX94dsoQEfLn0Ugck/xZOax/D+m6r4H+OWkeM9KRotA+0RyXk8hjaCOKWYx3bujZZDtZsbFGATjkvkPWwmJlSqxW66n0Z4cvJfhf480zR7mKeWz1yaVdu4FEeQqzKq7RtWRhLLuPHmiUZ/fxiveNHm8u1e3uWk/cg7wwyJkOQG/ADoPSvEviFY3vxetVbT9Lm/s+1hkYahcO9tJNjHmJCVO5T8u5SG3KUyCMCug+DfxKHiDztIvrprrxNo8SCSSUIjX9tgATqFAAyQ+UONkiOANuGYPuIu6Vj2iGXDmIqsZA+Rd3JXscVA2jQtcPIXfa53NFn5C3rihV/0SOaB95ADCR13Myk5I/EVdjk8xFbaQCAcMMEfWg1FVdvA6dhinUlQyXSpwoMhDBWC4+XjPP4UATbqrTSszNGpaIgBhIQCD6gevFVzI3nFywaWIdmKx7WPc9zjmqcl95nzQsJFDFluZhwueyAfe4oAztRu4PDetQasHEWn6iViu1f5dj9EmwccchGP+4e1dbn0ryzxV4qVTdWEUDSPKpjnmuVyzDoVAHQduK5fxP+0dpnwT+GOoaz4riu7iPTY9tu8ETObsFgiKcD7+Sqn1yD3wAD2bxBrVjodi0t/mRZD5aQqm55mIPyKvcnH0x14r4D+MGpfEz9qX4ia98NfBulaj8NPBUFwllr+qBRBcX5UcwwAY3A7hufO3AUHIHPT/AAhHxt/aB+KVj8RvEt9c+CdEtVk/sfwnb4BEUi4828JHBIIYIOemSOo+yPC/gy18PI0rsbq+kPmS3EnJLe3pQBwP7Pf7M/hL9n/wnaaToemwQPEAWdQGJcD77NjLuf7x/ACvYNnocUuKWgAooooAKKKKACiiigAooooAK5nxt4afXNPSe0wuqWhMlu7dGyMMh/2WHFdNSYoA8e1r7TqljH418OpIfEmn2v2K800SJF/aFsJAzQMSMedGRIYiSoDO4JVZSw+ePjR+zjbeP/Eeo/Ebw/rbz2N1J9qOnfYyJkmjj8iXc5bK7WRg0bKHQhl4xtr631r4erqWqXF5a6pcaYLhcyR26rgy4wHyRxxjIXGccmvOra1m8J+InmjtVRdUul0/xCsQ8pUuip+zX+BgbZQogfAJZjB2RierDYieFmqkPmcmJw1PFU3Tmfm18TtCjs7+3eeRYbebMMqzzNHEVZSQGOcn5gRjOCTnPAFcVp9peW9npSau1iLVPOu/Pu4vMV5H6KTkZY+YxAI52jAbBNfUH7Wfh288C/FSKXR9NlXSL61hl8w2ztBcTNI6yeXIDhdqAHB5Gdx4Ix5l4ltLn+zblonC3RiZoWySSSDjrkA/Nxxge9fpNGccVSVRPdH5nWhLCVHSa2Z8c+A/hNr+n/ELw/fXlvCtn9vjnLC5Qb0VldtvPJA7da+gfDuo6pNDLJJPHcXNxbxSh7XaZLeNXwUZQv3wGdunJVhjgCqt1pdxp2pSzfZLhLG4xI9ncS/vJGTJ/dvGThi7l9ucsdx7YElrr97cafpc89nIbOUOheC4fz5ZVC7ThF3dFfvyFz1AB5MHhIYO6TZ2YzGTxqi5JM0tH8NR+KLi4aa7iuIi58/zGRp3QFggkjZP3RXc+CuCR1ANdxrSvPo0lrYndLlCj+Y0SKFYEqCOQCoK5AxyDg15dpdnqMMlrZXhtTdwwxWlsrSss0JKoWmUbPmwSMk4A8sjJJJr3mHUNGvAUudPiRm4328/6c9K71Kyu02eXON5KzRwHg3wPpxvt+rN5NtvHl6fAMxtht4EshwWCtyBgAZIyV4qLx5B/wAIF42h8R6UIbZHZbyKXMcSrIgCyQvJywR1CnCjcxZsHC8eoQ2Ph+RfkMkL4wfMc+xAzjGAB+p+tZfj7wr5nhuW4024ka5sMXsaKyyMdudwC9y0ZYAcZO3kcGvOqqnKXVLzO+lOolbQu/FrRNO8YeDW8SqrSXEcVsQy3B8sxCZWG8oT8o3N83IALHkVzfgDxvqPhvw3Jb+HVjnvk1ORr5YUa8WL5I/LVVUhgrbSCxA2lGQEfKal+FOuLr/hDXNBh1LyLkRz+VcqyyArNuYsWT5SwZmLKpwoKAEE1V+DvhXUdD+Kz6VBbTCG3kkXU28P28l48FjIUk8xI9hACkxLtCE9wD9xvCr8uHozjNpqGuvX+rnuUXKtVi4Jrm003PoHR/iJHaadAL+8g0+/mhja6t/NCGGUqpdCO23KjBznI7Gt3R9UPiq4tbXR7LUry4nEk0UiIY4ZEjI8xo55MI5DEJhWPzHnABZecsNWkW18PR6T4j/tGwsNUu9ZtLO60sxtavvcRPK5C+YkiTO2AEOXbaV2qEzdY16z1SzEd/qd3rEMd1c30drYxF4beWUyyTMuxTsQjzh+8YgKHGQN2fzupTniU5JKK8z9AoYhYZpJ3Zg/EjUIfEGi+GLmHUL/AFV7m2S6udH1Gw2JDcMikpFuEYZEDN8xLgEBd2ZQyfKvjz45a/8ABzwH4avPC/2ST+2NQ1Rb64uow4kmgljUYUN8p8toSSRklieu4n6s8VWd9caO0V21ppcdszpaW2pTYupJI5TC8aLFIu0jEwXaxLtGyYDEA+F+NvhzoHiLxz4WufEfhqW6E17ZwfZ47R7eS/sI3SO6kdSVMbxw8B/3akJHyw4Hn0IwpVddUfXyrSxGDTozs43vf79OvQ7X9lPx5b/HDwPF4i8aTzW2qx+Ip7S6k0bSvOaW1a1Vgz74pQzLJ5Sqq8qucLyc+2W5tLHwloGoWdjcRrqGsXltBqEl/GiXNqss8cQNvvCREFYS7BVAwMtmQqMLwv8AC7w/8ObHXNO8L+HdJ0vRNYuLu0XQ9UeSXVNFkaPcJ2Q52kqq7SGzta3wzZZjp6p4e06aA3L29i41BZ7TCXrzXduIZAFzGV2w42oykEbSEA7VnVUa0m4bM8nCTqU5KSlr3G3msW39lazFqfidfDWhq0t5eWdzCtzbzXkQi8pGZDklkEbqocqwCkLnJryzSfEXgKw+H+vappugw2dgv7u403VJRJJcSqvmRxEyM4IO7gL1JPy54Hpvi3xANevLmbxFqEOoT3cC2jtd+VErRLlQpChVx87Fs93PQYWuI8S/CvR7jw6uk2kVxp0FlJ/adxd2kTSpCrBo982TkqQGG7ORsDH5FbLhhXHXr2PqMLi6VNNYifLdpvtbr89upjeB/Gh8c6G8F/p8UcMchtbYW9uws5FEZfapI27wA2VycBcjrgeveBLqOxt2RLO5uRah728+zx7vKgCECRskZAO75Vyx5wp2mvOPHmn2vwv8PaLaWF3JcwwzRxpDdOPIWQQsBK2ACSwGAm4Jn5sAgZW58aPa6Lpd7Gv9nyanZyNL511LEhGEJt2ZCu4vkgZByEJ2npXp1MLU+pc8l1seVLMaWIzGVPDO3k7218z6AmmuYbe2Ec9/DazQOVudLtYpnFwu0RIEZGADqX5wB8q5Ze+P8WPC+v6frXh7xrohxqdlEo1XS7Ub01K1IBaNcctIhDGMnuzcHO0894d+P9vrmqnSbO2NncWoR4vtjrHJdzRyrG8MKqzfvBuUgEEOVIygAavR9U1O+uNSEFr51skc8cFvDLZs1s9syKZZGnxtDo5kXaG5EWNuXVh85Vw9bDzUJxs+3qbQxlKvJ1Yz938EedeFW8F+MpL/AF7QZL2K6urK4mttNWAz/wCnEsJYLqBt6xKWYBmUAN+8IkUH5+9n0HRtB06fS7O0kTw7pU48QXcOlw7ZLOQo6C4a5DiQovluUCDzV2YB2IqryvxQ8J6JrF9YXzw6XYeJLCKa7sNbnneBmeP7sAKcvkylgpLYIJCktVzw5qT2erW3grx3qN1Y+JNSgZtN1SDzIINShRyY45cYjmmXJZoZFZQJCpB3/O4x62Zw4qo6ja5ub8jX1rRYpNLa9t1XxDZ6eyTDT9Ynne4tHScXM6QqVLK8wVYipUMmRtwuUbM0O+stSvru4021W609tOt9em0Xw3OfI0qMBikUuXjjm+ZHdEC/KwkwmNuei0PTdavvE051VJne6hZNUa6yY7iRcxrMjeSkShkCKqR5yn+sIkXDU/GHhOW1eW7vpL/W5YtOt9J0y6a4gS2tC0xBN2AF3wAtCWBV/lRiw3KprujOMbdz5idOUrysGmMsculAafHYQRxz6f8A2pDvI1u4RwWkdio+dBHL8pZuHk2EqhxstGvHz4Od2Oh/I/561jztZya/c2j3F+GsWvhJb6BqS3aJeN5JDxJMBHgs8qufLGyVmDYVmLZnjCbxBDpOkm1M0U29ftzaSkcjq2wgbFkB+TzMfMAWHGeN5HtYOXMrf8MeHjI68xQ02z8TN4slN0k6WAnn8ySQxG2e3y3kCMD5w4yoOQOkgOR5dcLr39ja98Qru3iudRMsUpkaGO3R0ubq2UuI4m3ZUgREEFQpKcMCSW9m0OW9/sOwfUkVdRNvH9pCY4k2DdgDIGWzwO3r1ryr4lalo/hPxZa31jbR2+u3DAXFxFZy3LwIylEcqoKozsNhbHOMcjlfaoyfNa2ttLfqedJO3N0QeCdfufFj3aNDbyeVHFIXs5hLGWcuChOB867OfZgcDpVLxj4otPCrSJbs17qkZX/RLUHcjvkIHY/LHuIwAxy2RtDHir2hfETV/Hnhe50yWC10jU7jThMs9ldSZRjhGDjaGhcngY3EYcZynzcDH4Yg0vWr+K7ma6e7kWdvDuj3e51KbWEskjMrKCxB2rtyWGciu2mk5Wa+REqkox3PPPF3jrxl8YNXs/Dkur20cc0kUYsbWT7NafMVaNppW5kOGUBcZZh8sZK4bA+MX7NfhTQ760hvrO713X7i2EjTR3v2eEkyP+7t4QnLL/dL917Nmvb/ABx8N7PxdpcGpabfR6DpD2atPax2iLA8C/vEbnBQgEk84xjI4xVbVfitqCarp8ekWkep2JKgmaCYzSS5YNEMkeW4Ta+WU5Egb7oJPpxSqWio6dv+Cccpzp+/zWfc6P4K6BJofwiTwpdWk2nWVuJbayWdT5ogYBsup772f5WAyAAV659Jk1D+0LrUrjV4LOaXUXj86KG2EcTbY1RSULNuOAPmJyQFXgKKy/PiubdGVwFC8EscbiDnBH0/z24z4heBD48ksUj1GONYVliKXEHnxtv2EsF3D5lCe4+bqK86VGNSpzyVrepvGo4xsne57Xpeuado9hiSW3s7SNOWkASNFyOA2AAOOB+R6Vs6L4h0a+xdRXEN5hXEcscu8jB+ZM9R0578c8iuAkhW5tYYJJ3SeGWKRLkFC4kidZEfpjO5VOCMHHcVv2Oko63l5cXzXOo3DC5upplVC7hUQYUALwqIBjnp15J+fr4eUp6LQ+iw1ZRj5mN8RtLt/F2rG603UJnuYmH2S3lFxaQG+g3hZra7RCFlRWkDjDqxiUYUxk1l+GfH11Y69H4a8XxzWXinUDLdx3U0g235Ubd3EkmG2x/dRmVUCbvLLrHXRXHg3+0tDnFnfTrvWaS3XzmaC2mlVg0u3jltzfTLbdpZjXmfxuF34N07QNfjh0/w/aWXiC0kubTTZt0UFsFkMqxsFRnaVkQMqqAcqGBAkY+aqbjLlkj2o3qRuvI9A8b/ABZs/Bq2f2rT7jUJ7jfIsNoE+RU2BmwWVcnIx6gH0zWPr3i3TRd2GrPp4v73VLdrmJrWOOOWSICMFmkfaf41AyeSADgDK8xoGuaP8SNcmGu+H7aVbcxyKLwLJGBLnHIAznYwZANuAo5B59O1jwnos1vA2oJbXqRukgjuI1lEbjg+WCCBxlehwDxwa9HCqz9pL4R5hRjTj7BRtUW99Thta+JXh/RbGPWNQvvsFnJZrqLyeRIViiYbgZHC7VJXGASDkAdwa5Xw18YPhL8Q/FVvbaHrmn6v4lkQ+QqQMJCIwZC2SAMr8xUtnb82CCxrN/aM8OWeseF/FOmaVFLDe32lSfuYsLDJhCqSSA8rjAUbSSfKPB2187fs5/sf/Ev4a/FKx1/V0sNLs4rS+h+1xXqs8LvbyRhtq/MMMw5HODkV7vPJNWPkvZQakpvVH1D4k1rxEfFltZW+nyPpkcsIOLGSXfGf9a7TA4UqN/yt/cJIwykdPZ21s1w8bxMy42lcLvI5PGT77sHp6nGa0PhFDP4fsb64ElrdWd5cZiNlcNdxREYTejuB95gc4AHJ7k5u+ItNhjZdQVlZvNMZkjVlWI7mwA3LYU+uTjOccE+tTqq/KjxJU3bmOK1bTZNL8poVkZVHy8A/dPGzGcnLE9ehP4wXCpqtrp/lqfNUExyKCJeMgx9PmOdpUcnH6dXNatfafdzrHNI8ayPNJHvJX5slWIwTkrkEjGQe9eb/AAs8ZN4i+1aNcwLCkyLNDJFKHSJy7KFl+UeW+G68gbSMcAj2aVRTTT3PNlTcZX6G3bQm9tJSFMl1EuPLXGFC7cls8YIz68deATXmNzZ2fg/4mWs0tzceSZFu/tEaRvHG8gaAF2J3bdueADzk7tuFr1KWF7PUoLn5JmAdW2y/LkZBJyQVBxuH+8emBWD8StD0uGa38Q6hawmKPBWQhjzvO1Dt+8QzfKp6EnAG7NdcZfZZg4295G5qmmm0uQ9vLInlHYm/crqyqCsZIyNpCkK3JyBng5rp7XVr2+0ezSxZodSs5EuYS4yyXCkgOQSc52LnquGHDHgY+iNY+LvDsOpWTT3olHlJ+7y3yknEgPThPTKsAPqyGSWK6eGZFe4gk2tG3+rAwxIOCcj5vlzyMkYxisG03ytHQk0uZHvfwC/aA0f4/Q6tbx6DLo99DZR3gjb95G0TBduGX7hV1cbSDwykFuQO4vrp9B1jStFVQJHm+0abcTH92seB5tseMt/sj/d/u8/JHwj0k/Cf4rQeMrW+hl0W+upBdadZTslxIJFbyUmUAqI0mZcZYkbQcHJNfUd94Y1v4iWdxc399FoiW5F1ptla4Y+YMlCzEe+OPXnByD8njqMaNT3dv6ufY4Cs61O89/6sbvwtlg8P+IfFnhNFLTWt1/btlC20f6PfM7sc+9yl3975uO/U+mwzHzijFpA2XUqvyqBxjIrwTTvFGoxeM/B+rzLNpmn6mbjSJY5Gxbve4DQHbk85t54wWC5NwVySAK91h8u809GgXZtIYIpK4cHofx615L3PVjsWvsUH2gz+WvnEYL45qbFQ2s4nQ/MpdTtfb0B7ipGkWNSzEKo6ljikUOzTTMiuELDeRkLnk1XluH+fYu0Rn5jIh5XGTtx1qnNcJAquzlVbDxScNI2TkqBjpQBauD5kgjfDI33FXOdw5OT2Fc34gvP7LvoNagiaS4tk2X8EPzbrfOSc9yh+YfVh3q7Ncna6kfZYfvNCj4fnqXb+Eewya898SeJ7i6me0t5I47KM4At8gN7k9/x/KgD2GC6juoY5oXEkUih0deQykZBB9K5bxh8QdP8ADN7ZaUs9tJr2obvslnNOsZYKpZnOedoAJ79Pxr588YftAax8OdB1nwn4Kh0/xV44ggjuLTQPtYW5tVmkCAuvTZli4GdwAOARisz4B/shajN4mHxJ+Lmp/wDCYfES4UlSxP2PTA3WKBO+B8p9cHPoADm9W/Zv8X/tWfFm51H4savan4eaTehdL0PSd2zUvLztllyM7Bub5TlfmPL5r7U8O+GdM8JaPbaVo9lDp+n2yBIoIVwqjj8+nU1YsdLg06Hy4VwO7dzVygBMUtFFABRRRQAUUUUAFFFFABRRRQAUUUUAFN2ANmnUm4DNAHiPxFuNO8I/FDQfEUDvcBi+najBbvxax3LRR+a/BCKZI7Yu2Rjyg2cZryr47TeH/Bvj6K4tvD8cd39k+16lqFjBGh8l5HCuScPI26NyeCcLkZIAr36TSbzT59b0vTNJi1LTdXLSi4kfZHEX4lR2B3MP4ht/vEDGK80k+G/iHXodNsNWTQfEOo6STavrWsQSSaggjO5Y8DiQtHsfzNyBnJfYCK78DiPq1ZVHsdOHqeyqKR4d45m1K1+ySqLq1t5AyvNZWrTyqwAKLtCMAhG7LbTwAOpzXmem2P8AbkD33iexle5mEo1L7TpIgW1iVXMbRShAXbiNQoeQ4fGMgmvfvFXw/wDEVtbTR6h4wvpLlZVcnT7a3t4ghD5VVdJHAJIJ3SMcqMEfMD5r4usdR0HRZpLzxDa3OjzRhY31K1MdwtwFAUrJDgbiy7lCRk7j8pzgV97TxEay57H0kKntFzGakNhpunx6nYzS3t7DJHZy6trkTyTWcYBIaRTscDD9cAnzFZiRk1katdaZJockNzaxwi+FwdRurRSqR2QkYMyjDbfPwmI1yWMrEcgtS27+LNGjkudSnuLCNbgNPPI1pZ/bpCwQA7xIVG0IvSMnHGM5pupajpmg6XbWljbtoE32mLU5lunaQXseRuka4Uv520sjSFmJCL83BBro5rq1rG3NdWSNjWI9T1S0tpdSZrO0vnjhh0kXBthHuXfm4nTLFgUKhUIUkhDuzkc/4fj0UXVnHdeH7S+jaKYhbbRg6QNHLgGCTZ88XMjbslvu/wATha6PSrnVta8P6nOjzapHPZK1st7HbHdPtfeq7cI6/cwWOD/eIORy/izxMkfgbxLqqz31xJpNlPqGnXE8b2UtzBGimVAyKmYyQE4G7lWxwjmpyjFc6fTqOTVuYwvH2l6XrthZzeC520uXT5Gu7W4nme20+V1RJfsqbiGTzFKNiMomPn+YxgDz/wCJn7SWs/B3w34d1/w1pthf6N4oVruNdSUo0TrHGCVSOVioKlM7nYl1fp35T4N/tVTeMPiJp+jy+FLdo5kMVjb/AG3CRGKIvDGAVCs29QqvISV3YBHOfa/iL+zL4b17w7pE2p2d3qsmn7DdWWnSNDHKWWNJ5oYkGQ+IwwQZDbCoG5s14/tJ4ynOphHZ/ccHPKtGUqL1PMvg18YNV8ZeBrvVZNN0PTF/tKJbiRomUStbKlwHaQv992xwOpLsMHJPq+i+Kb++YxWEeYfMXzbPwvZCKKQ5hLq83O1iDMAd6g7QdwVkY7fhn4F+GfBPw51PSPBnmCK9ddStpHufNzcKgMThj/CdgB7EMw6Gut+GeiwxzavZQS3ciyMtyVv2UXXnsD5pZVAAViFwcYLF8cYNd2GoVaaiq76ak1PbU6V1ZyseWeNvCt7p/iTQNbee2sjd6hJYmXUSLi4hhkCSKu5jtLRm0R8s+AJJVw5I3d5p/wAONIttrXwfWpVUIDf4dFX0Cfd6jOWBYnkknmn/ABc8K3s019FPaebY2dkkSXEcmC1zdv5Mao3KgqO5B/1qYx0PTTRNCcNyfY5Hvz7V7eFp0JTlKGux+VZ5m2JS5OZxWtzhPFV5Dfs9oLaGK3t7mOB5rkqYpGVPN8t1/wCeW09f4WwdpUZqDwzcaHpAWGKcTXEpAYxxSeVCJZCUiAOREpJAVTjI2nuK6XVtB0++S6uJLCOS7mieJpo4185lZdhAfrkjjk/oa8zsZv7W1hLnVJbcfaktbi2v7yQwMEV95jj+RVlyD8x4yH5G3AroxmG9pTdOXX+v8kfhFfGTlifb3ulr8n+el309C74s8XWnw9sdbng8i0+ypHZpJdXckk/mOm6FkQ5/dqXOQD0VsfdxS+D9LvJLHTrcMWvrO3tTLNdSv50Dl2aV48A5VyGXkg/KVYYGByfxX8G391fQ3cGk6dqA0a3ubm6aSTE92twJEVgCuDIhUsASOQAu3ha7rw9fW0ekNq+nGzivNWtYZrezhh2N5Sgnd5QYs7BWJIB5wFBPLV59PmpSan0X/D7/AHfiZ1o06lCMqW83r5PotNtLy89jntX+M/w7sfEl9a3PjOzt5FvI2urVoJDIs8TKNocDAHyLkYI4PIzXplxZ6f4ht4J2Ed3CV/dyRyHayHqu5Typ4yOQcDrgV8L+LP2VfiJ4m8b65rVjp0c1lcahLcRy3E6wyOrOXDFHCnOGHbrX2B4V157HTbiW+e3lkaGbUJo7XhrfBG6N1J4f5vUfMH78nqyfGYitKccXS5Y9Hbf+vI5+J8nwWFp0auWYj2k+qunbRdtvn2sUrnxVa3V1NLqMGm/ZbJo0khMpWeMO5G0oM7gvBKkDlW7jJ6HR9F064ngkEt5O2nr5cEF4pjNuvGMLtUsDtHzNuOU4OQauQumrtdWeoWKRSpGNyrJvHlybl4bAIY7TnH5kYJo38n/CNTKUuo4TcIzS32oZkB2YCRAAryd7EAf3XOGJJr3/AGdlzVNY/cfGe3U37GinCfTW62/yvtve2pzX/CwPsvjC4VdAuL5ftDWFxdWGnANBKGARJJnkAbKlWwF48xOSa0LG/l8dXwie1tdFuBIIANSS6zL8pdo2j2xLKQBv2B3GMnoeeR0G8nil1Mz2OoaVKby81HyrUecXkLjY0itlSQdwJACj5MngGus0jTfOjSzkUBltza2N5bosSvdRESoxbLMWV4m+Yx4OZP7+0/OxpyVNxpvR9P61Pr63sPbKc17ySXNft1ts/Tt5q565D8M9Nm8ItZTtcCZHa5a7t28mRZnYu0qupypZ2Y7QcYYpgr8tcfffD5POkN/qd9qse0rJa3HlLFICoQ+YscabwQ2CrZXuAMCvW/DWv2nijwXZ6qk8mb20juEjz8xWWMPg+/OCOvX6VyuozAyOWQrtOGHQn+99cnP5V+WZxk6qxlCK31X/AAD6J432XKlLVb+vU8v8TaHbafqVvqLRyJbXE0NjexQ5CuS6i3k4YFXR9g3Lzt4wdq7eVhubnwdcboXleaO6axvN1nI8IV8FbiWQY8yQ7ozt3Z/esqgda9J8aXC6xrOn2Fr5ZmkuY726QqrlLeM7twBzjMqxKO45I+6TXMeMtHtbrUYPszQzag8ivJp73ChpV4UyLG3ytKqKVUsOQOT8ox+K5tl1eMnGpH3lvbqlpft6n0mBxULKDleL/DsVZ9G0PxRf2eoavcwx6hDO0NjeQzGAXKhQSY42Yg8sV3DJ44IBxT/+FW6Jouj6hJbWMur3jRtKI72cstxIFOxZFyFbPA5B6D0GOYsdWu7yKWzfUxeSXVlBbGGWxkecI7urQtLu2pIoIBdxzwxBAFdn4u8VSWc0NrZWV7e7LhRdGzwH2hVdkQ7gS211OB1XfyMEjy8NQVOLnVk0lay2v5eXyOvESxMasKNOW55j4+0G3j8P6w95pvmRMVRL+TT/ACpothZ1Nsu5WXZHycBQAjtvYkiuhS1il0P+xLoR20N5BLpd0zTS3lxHsUo6iMD92rEggrhQNo/iXbfstYfxN4b05Y47tmF5K0Ed7vX7RCwkHkvJnO8wOxViSN6rubOc9DpPh+DWdLs7pNf1W9sbiJZELPHE8kJAKozpGsmBknls5Jyawr4iNKkkpNNPfrtY7fazVo1Vt/wDk/hWureKtF0rUri7v7XULVLi0u7uaYTi4fzQu5I23BQQgbOFx8ow4JNdtLJYzaW/h+1lktz5TWEF08RMauEPy5yASBzjjOD+Et94dtpb5LnTZV03U7aLyleEAoYxkKksYI3qucgEgjnBGWBqWvh/WV1K3u2Gn71lLyXQln8tWIKb1tydoZl9XOCc18ziJU61R1Oa3lbbf71r/wAA35vaty2RBb2Oh+GZg+r2+nw3VzMJ7eys4PO2YVAzoqqWbJVWYgAZ29xk6+qeKrabTYZ9NvrGW3+0/Z5rxmEsFsQCxEm1hg5AQgkYLjvgHm4FvbGxv57DVJDDJdLbJf5V7u6uDMkbyM7oyRxqwaMKqEYBKjlabH4Zv9a/0gXy/bEk+z3Vy6tHcTFHYYFxb+UCoDHAaNgMYIB3U5Uqb96rPy/pW0+b33NHGPVm9/wkl42j2klpbpPq94zx2qNkRkBtpuCOqx4wx74YKOWGbUNxF4N0q103SbObVr92YxQmQhpXYlmmlfBCqWLMz46k7QWIWsTTdB1uO8luTLZaLeSKkM14LiTUZ2hUYKoZVQR5/wB0jJJK5r5G/aD+MfjD4b/GzxJp/hrXZ9Ptm+zyH5UkdiYUfl2UngscDOFzgACvYynKVmNV0aUkratenmr6anZhML9Zk4U35n2XZ319fa5Pp2qajqF291e/Y/NsdQlsDC4haUIsUBU7NpOd7ktgMSRjGxceHbnSbqWO213VrNDFsETTRzEAAKGBkRiSDhuWOSASK89+FV3eab4f8J+KHt7GTV9W0+ON5lby5L1po1ld5n2HGNrqAN2SxA25xW7feEfE/jbXNN1WKZLbTd+FRb6QKghmKzJ5eAJA+w4Y8kEAhdgr18Lg3UrOhKpZx36rtt5imql3BbmLeaZq/jC/h0Oz8Qag0Ut3LavOZofPLeVvLtHHCCEwowUYOA24HBBrqfhf4a8K+GfAtte+IZdTs7+802G4s9ZkKm1iVgCkbS7tsTIcKxk2b/lKk58tPSLOOXQ4YtO0QQxeKtUieGC5ZBm2UDc00jDGIlJXockEBRzk+g6X4Xj0LTbTTIlF4LaBYvMnO95gFC5JchixABLHJJJ5r9Hy/A1KFG05XuezhsC3HmqI8g8dN4is/A9xqFkbW+j3Qm4EKMyxxEECdlXG9cgISDxkM2MGudt/h3J400HRbzVEuvDmqfvEl863MSyQ7ypOyQAcqiuCenRs8166vge08N6zBe6Jcap4VmI2vHo8rQQHcxMmYVzC5YsWJ25zk5BOaiuovFNvEj3MumeKpshhcJv0268sYwMYeOZv4skxqSQMDivUVPkWhVTLVLVPQ8l1Hwvpmi3i+HNEm0221/7F5dsEQSScRbg+0gybiNjg8c+3NR+EfB/iXQdL1RdYhnexlMTxNJdfaiTtbdiQk7dw8shTjBTohJB67VPAPh218Zaj4k1CPVtInjf7SIZ7TFpHNhYhcJNHuTbh1fy3kVwWYlQqlV7vwzHBrlik+mX1q1hfxtsMP+lWYYNh1VlHyfOwckAqEbg8ZOik4nm1MHU152eP+BvGGneKL3VdAu7W8hkeKYrM8iiOd4nw6hQwIPCnpn5OOauaGbe31KSGZomBQFXkUDJ+UbcNt5xggjacg84JrrfE3w3g0XUL3W7DRYY7xpS00lthyzAZkG8NiQbkDFum4fMpJrkZVa8v5RC/mpOioiqpd40LKVGc78qVIIJzkHua15jyakJU5KLWxHYeDfDsWpTX8dr9lurjzCknmsYwS24lOdgBX5twUHcuCBkmuBu5Y7v4f2EnktLbvq8Sx4YbmYamTE5OOQV2k8cIB838VeieMCLXwzq8iTfZbyOxkWK5ghyplCARsVUAr8wBB/iHYE5rl/Eeni3HhvRI7+W2tmu1SSKXJkkKWszpyRkglc7iQPvd8A0mx2cVdnax2Vt4w8F3dlIu0PFLby3C8GHd8vnbeAMLsGAcEDHBORjfC3Rbn4X397FNJp8tvqAjc28cfl2+FUkSAZzuddwO4AYwpBxzzXwv0fWtK1qVpZvtkKxMkjfayUM2VYTJniMKEYEAAcnjCq1er+LdBl1Hw7d3SO0kOnmW4a4VQsKsgzmJRzIWxkHauOg+9xRrTTlBVI7op69GlvML3TLeS4SQKYZW/dgckY28HaQQp4ABK8mqunwvaC2vJGS7FwGV7OaPCogXJIXuoH8PtggjBOt8E/FkHjzR9at7m1a31qxhE0o8/wAxpbeUliFPYBo3BVQMhxgktxs3nh26s5obK5IyzgQyq6tKzOvy8543r245HXDch1+zc4e0p9Tvfgt8cNClvNO8Fa5qk0euWsogsVmjlxdRMitGplVSgbYAu0sN52kZ3AHtPF3hiSPUra48Of8AIb0iafUtDS3KIlzuVmudPYkqMSbUIORtIQn5UIPzNpOjaP4Y+Idv4kvbCWfVLG4hukiF0Vt5pVB2li3IYoPkORhlQkEIc/ZWnxWPifQUvNGmjVx5d5ZXyoEUsEQqxQAbQQ7KVI4BOcUH0OWYiVWHJLdF/wAA+MrLxp4d03VtIn/4luqRi6t9yndHnl4mU4KsDnIIyMdK6a3ZYGJwscEpDqXY7mZuowa8Z07XIfCfxAgU3FxFovjaaSe2jmwY9N1iFR50IbOQJlVpAm370c7EgMAPWxeotu00uYSxPmO7BvKkHy4C+/ag+gL10zbijPsifCBo879xP8veqk94scxjEe+dgwa3jwdw6ZY9uPWq01xLPIQqvbCQD5V/18uB1xn5R7modSmtdBsTJelYo+q2sR5c+rHq1ADbiZVtzLcvG0EIxtyRBHgYA9XP0rh9Z8bT3DyR2jMF+79oI+bHoPT8Oaoa94iuvElxj7lumSkKkKqqO/bsDz2r5q8afGjxR8S9TuvCHwOSO5uI5Bbal49nQtY2LE4aOyXrczjB5XgEY57AHR/Gj9ojT/hrq1v4X0ewk8a/EvUEzZeGbN8mMY/112//ACxiHXnk+gHNafwB/Zz8Z6lfXvjf4j69NrviHVo0ilt4cx6fawq+5Le1hPy7FbnzCOSMjPWvQv2c/wBkbQfhFpIur+E6lr11+9v9Qvj5t3fTE5aS4kOS5J6JnaPevolYwoAAwB0FAFPSdIttHs47e1hW3jUD5V6n3J7n3q9+NFLQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAmK8u8TeH1+K11qNtaq2n6eYZdNvNQbAldxyjRJ1V4pAsiSNjBUYB4NemTXKQLuc7cnA9TXMTeEbi81e7u4NRudKsrwK1za2+FeVxxuD9Y8jAO3k4HNAHzX+0l4j1XXPgDb3SaPKfEEmojTtQhaJrj+zJImcTM5AVnjMkIVGGxWSSJ+QQD8sXGga5rvgYvLFJYXD7A8EivEBg7iMZLx7lU9tw3c9MV966v4Y1PwxqmsT6GrXuoNBGk2lz3Rhi1OHzFEU/mYJWeJd8W7gODGJDgI6eWfEXwtYeItP1HUNOgaymilMV7p8iCOe2mMSyGMrltsiq8Y4OGyCGO4Gvp8qxypR9g1ufL5tgHVl7ddEfCkPgvWYb2e4CqqsVELfbZS9pjIIAK4Yc4xnGOOhq7pPlalLKLDTrWwvby2ea3vFjXLcgAyFRkHLRnB3dT3FenSWiaXf3cVzGQsLmOUNgtn+Fj028r0z+nFc5daZBoK3WqRwR28iyFnlhUb2fOcZHJYnkdzknNfaRe/mfDSvoYWj2t9aTXK3KTRW+VWNLqZJHDDdubcrEbT8uBnI+bpVrUjcR6fcyWy77hYmMKN/E2CR6d+PTmtG11L/AISZZJVhWxlhlIlWZlDxsQHA+Utu4ZcFc9cHnOM7T/D9vpOvG/a6guF8x5TPBBmSYOG/duXGNq5BH3ui8DHO3tGoWjqZcl53loc7HPeafdS6lJJcvaLPGFkupmtyQ2EKbNu0LufO4r1yccDN3UfiK95HHDp8Rtz5hSSf7SLhmZWTckK7ACxR8gEZOCApxmuV8Ya1f+HvDvjBNOWOKRrGa1kkhnYXMzsgkSUqigMygHntmTHAxXkP7Kd9rmofG7Rba7ur+WBoLpTHNPIFwLdyBknA5Ar5zGY32NVQlHc+kwmBVajKtzbGt+0R4Z8UaJHoUcVjrMVxvuArxmVi8GUKZC5CkZYY4PHIAwB6f+y1deJ/B/wh13xFHf67puq293PHOqkpm0ZbdpHO75iQAxAB5xxkjFfTMcdtZwuMKWJ+WODIyQM43devdcCnm5urpVWKALb4wCpx7EepJHXBx3rxauH9vUlOT0Z6tPFOlRjTirNGV4H1TRfG95dWNhDfa40Nsnn2+q3Qtre0DwSR7PLwy7g7GRXEL7RBFlh5p8v2C80nUtYuJ76bUU0l7pLZZYfD1sLSOQQhhGQSXcHEjpvV13JtUjC187/B6x0T4bfEY2Erx26Mn2GI28DsWaWRTH5zY4fj1OdxJK5AP1VrOmanpFraR2tvBda/qDhLW3ncKqxErvuJBnd5SDGcclmRflLqT8vjsuhh6vWV118z3MHjJ4iF1ZWfQ838RXll4Hul0jwrp/n+Jb6BrdNRuHaaSFvKLIhmkDknChgp+VUXc21dobn28F3nhHUGkxca1qtxZwxXGsNbzSS3bl2MkcUwYi2RWG4KOBw2CEFeheA/C9nY2dxraeXcQTF1027bbJLcQuUL3Ujj7zzuitnsqRDAwRW74g1zTPDulxT6jeQ2sLfekkbvhicd84yeOgGTwMjx5U3P3Yo9ejiFS9+aueeax8SophJfSw3M93qNs2otearPBbtdQRKijYsYIHDJgMI1+YEsCTWVr3iCD7RciJtQS8lt4/sMOm6e05u7oK7GGYiNmwECOVBDbNzdBXMWs8661NdWET2w1aa+0j7LaCFJ/JBdxiCaJfKTCbslsnzVYg7iauza5cWq6fHpuq6np9oxub6CC208Xbx3SIIwDGEZsYkdmzxkD5lOCfV+oqKUonDHMqlnG+t9C7ot9das9tPBNLZw6vpEjLttpBvhYxhl/fRqCRvUh4yy/M2R9wt8jal+3Dq8fi+60pvC9itsLkafM0d7OnnRJMQBIFI3jlhtbIwzDHJz9eaXOtx4fMsM15PHY6Suy54nj0+BlO0kHhkBTJ4ZsICx2jI8L179iLwtfa1LrEUlxpLuxnMTXbXqtNvLs5YCMhe23GeM5FZ0VHmtI9OpKco6+9J3vbr2PX4/E9n4wt7iSyEw8p2jkiuIyjq2Aeh7FWXBBPcZBGB51q2qeNrPxBcSQ/apbNPmtYreKOW3lYMSivxuX5QuTlcncNx+TNzwD4Z8Q+FdaurSWWSXTpJJHmkmZGikXkRFOWkBAAG1ieM5zxVzwV4g1vU5pxqVs8ChVZjLA0WyTJyi7vvrj+LnpyTnj66nRjR5uS0o+fn+p8zUxE8RyxneMvLRXX36F74Y+I7bUPGl5r9npsOmT7Fn86Bld3hkLMfmUAB8KGOM7iMhjg175a61qupPe6pHNE0Om3ltJdtJflI5LefMcccNsAwzvBJckFmVgu4Eovlmg2emWN1BJdaZcS2DyySX9vozrbTzkxnadweP+I5PzAn1xkM6LxjbeB5tBuNU8N2Xix0WWOG01cqEVWj/AIpdjLvXA+6hBBfCqACnj5thZY6adKD5opW8126al5bilgIONWa5ZN38vM9a0j4gaL4n8XS2Nhd7tS0/e/2byXwDG6q21iNjbWIBwTyK9Z17wxonjrQrnSdas4tR0y7RkaNmZGwylWZWBDKcMQGUgjLepr47+HOtWel/E3ShpGmys2oWkLeZNJK0wM0CTy3CqzMPLMhKt1+65VuCp+vPDviCObSlSZhE6t5ZONw9iR1weR6jHI5r5rG0PZSio9r67/gfUYGoq0ZPfW2m34nETeE/HPw3bT4PDupjxh4VgjbzrLXZc6rHyzARzjAk6qAsg4AHJzwvhf4zaLr4SLU4rzwxqZn+yvaasvlt5x+6Mk4UsSdqybHbrs5Ir0OfUmiZMbXXou0jBwDyB6f5+nMeLdD8N+Oo4V8QaRaahgGNJp4wHhzjOxwQVDDAO0jdyCD0rwm1f3j0/ZPeJ5t42vh4TS502yDw3ljqKmz/AOJkUkaynQeZHb2oXbhWd/mAIVY2bOV21cj1hNJtrm4txeXen3G6/toxcC8kgs/LTdK0vmNuVnEjBVZ2IPyggYXx/wCJms3ngOK4bQ9a1Lx94ZsbtJ76KR4pZNPViyyKsnHnIwb54gVComNyFzIPFfA37XHgnx14m03wtp+ga/Y6l4gSHTEuF1B4La3upZSsknlJJtMTZjPl7QMRgYOTXuYSn9qLueBjIziuXksn3Ps7VtQnuNNvFt71LSdrdhFduAywsR8r4PBx155OOPWvIvCnwxu5dSm1C9vIxp88scjwwzvdvegZIMs7nLLubK4AJXhjgBRpfGDUNVkhi0ywmsYIUuYHFnNaSyvcKCX3IsfVA0ewgBmGATtBUnD+HfiLU9Nmg0HVIbWG4uLp2aziYrLA0qmc4j2/d55yc5DHOOK+joRfI2n/AMMfO15RUkuxLq39v3WvzqsN99nF1LLcWtoY7VGj+YQyiZdrO2Au5S/qSAFUFdP+HKxw2K63qIvp4Y5CPLR1kMkrq0m+VWDNkjn5Ru/i9vSLlfKXfjzI1xwTx0zkY6Z/+tWLdFrq4YRyLDEv3iflBz1x+mf6d/SpbWR5lRrucVdapb315J4flt410lnfTgiT4lj2wlwfLCjCbVGMHPzqcYNM0e3i8P8AmBDc3UrT+Y8852sx4wPlCgADgDtznnJO3frB9oNylvGsqoELMBuIyTgHGcZJPWuI8Ua5HaNNaWN7HFqOUfyQ6NOqMQWKRn7xKg8YJwD1r3cPTTheR5Ndz59Edp400/W10WyfRJLh7jzh58FtMqStFsfIRmYYw5Q5BBxnBPOdnw7Y6p/ZdkNTjjl1NYszeSApY4z8xQAE4wSRwTnGBxWb4R1HVdQ8M20upllnkJIYxGOVowxMbspA2nYFJBAz1wucVrXWp+UxuXMLgDzHdn+TaTk5yeBj6D8OnnVG727M9CjBb9znNU+N/gnQdSmsbzxtpOmX9u7QywXF8oZD/dYfgOuaXwb8W9Z1bxvdQXFyj6KfOeWSKAxwx2yAlbhJGA3knYGG4gbiMDGa+CvjJ8IfFHj74veJNX0u3gnt9TvRcW3nXUcUkqyNtQhHIY5YEdK+2tL8Nap4X8P6VPA2pXF2sa2VyUtknNnHsBdI0SI7sukS/MGbAz7jz7yalTmtelz3I06cZQnGWnXr+Hma9r+0lpmm61YRXGm3lrHfyyGJLX9+yhTj94AvYq4IRm+6NpbIx1PiDT7b4yeHlstTmmf7Q0zXMNzbAaZb2ybmtplkwPMJ2QE/vGGDICF6DxPwX8LLWxfWNH8TWGsjTIb2NVs7WymuBMJLeORY/wB1vkQKxKlSMLtQbj8wHpfhr4Mi/aDTLW38QXWj2sIm/s3UtQis7Jy0ahSYwjzxOpHAEaFHUkAMc1866LlK8uj0t1PrpSo04L2TbbWt1bXsj0j4Jw2OrfCHTDL4as7G+vIm+1C1hRF3I7RiVtoA8w7FZhlQr/KRkFTJ4o8I6vrWn2sWj3VzdXkE3my2q3iQztGEYHY5ddu19hIyNwc4+7htfSfB3iCzs9OtYtW07R9OsVVVsdK0z5Sqtwhkd242gAnYpzyMDgUNQ8I+KdJhN3pviw6leM8e9tYs4JVKjcCuIEgIzkcknHHGBiuyPuSTPNmnUTV9xW8DwTafo2n+LbaPVtStbYRyTWtxKDISqhw6rhXHAOdpUkcDrXMa9qWl+Nru98LhrxElE9rBftFH5Mk0J2hAgfc+NsmVYAMoPJGc9m3jSTTM/wDCTaY2j6ftVk1Y3Ky2LFiq7d5O5HDEDEigf3S1dDb+FPCi3Nzqttp8dreXasZpCWTzdxDFlJPyliNxIHzE5JzjHRCpbc4qtByty/M5Dwv8Pb3w5p2oyxXEesJeytPKyQ/Z/LIRI/L8tnOCFjHOeoz221zvgnxhqviyzvrXULK3iBtRKpitmie1k2lXhkyfmYbSDwMbWDAEjPrmjSWkl5HDO89rv2wOYJdu6YArHLz8rBlGCOOVI74qPxRpskcjzR7EC5lRZtw+TaWGQckAgcckDoD1x2062up5dbDcqutjgNGv00i6nUiQxMAqhSM7SAQM+ny498jvTtW021axWNIYt7yqTLDHgb2xlgCAQX8vg+oXsxrI09hNqV7arGJWSRT5ZbhkHIGfTlRye2a67R5IL60kiljaVirRx3EqD54yWbDMM5bGc9OU4J+7Xo87pSujzlT9pFpnlWseZHmdZlEMhJPOY96DsB/eBGevXH0bp91pXxO8G3Frc3MU6x+VB/oW1pGKDKOGB27lYR5BDZVgDxitfx7oME2m6jayhwl4kkTsh+YsV2s4PIIJLD1UljzwK5f4d6a2ka3JdSag8klw0YxBbqsxVN21AuXxnzW5PcDgAYr11V9pT5keVGHJU5WafhHTE+Gd5FYLNdS2l4XZFZgzXLMQC2VUDJUjttGwgDOANrxJ4fvbtriexaOyMKLcMi7Q9ug27SGUAbgzPtQfMET0waZ8RvC+qX3ge51TS7ZUvIDHNb24UyXO7zQrO2W3HCgnaMjIGMZ52/gfrV14h8AeXqdhJZaxYXi2SXAtXjaSLJ2vLH0VwyyDDKMhVYAFhUSqe6qkem50Qp+86cuuxzVjZpbK0UYjgmmBhuo2f/j5ByrKeAQMdiBkHJyK9c/Zl+P0XjHxSPCOoWNzJq2jwXMUeqLJ563cMExjYuipuRsupzkhiDkqxVTxviDwvFZ6syQ4NrMmEknJBiIyAASApZTnO3Pyt3IyM/Q9fHwn8aPfvpdqk4naO4uliIkubfJDwuflMisF3qXwN6KSQN4bCpGOLouMVr0Nqc5YSqpN6dT6N8daG+uaHrOnWCfZZNVCS2E10W222rQ7ZrWYludrSrHz1JQDjNdV4D8Up4p0Kx1F1EZu1ja4jVxhZSodWyCRtcEHjjtk1D4X8ZeF/iR4XMml6za6xa3IMRfT5kldHKgqDt5V1CrwcYPpjjjPBDz+GtZ8S6ZdWUsB024+1Xr/ADMs9vdySzNKrEAb0uPPk2jO2KVBxwB8hUi4uz3R9pTkpRvHY9ojlKzbiS7EhHijIKxnqSelLcSJ5khz5irtSSNyAig/xdOazVvWYGBkNxLtKvGigLL0Acv2GKFil1Jl37bkKenSBP6uazNCSTUDIqvCVKgnF3KuBgnoq9+OKzNW1KDQ4WuLmR0lYcByDPL/APEr9Kj8SeJrTw5lY2+16mRtDNz5f4dBXjfjz4gaV4T0O/8AFHi7WoNI0i1G+a8umwvsiDq7HgBVySTQB0ep65das0ql/ItR+8aPdtRB3ZiTwAOpPSvm3X/jJ4q+M/iWXwR8DYzIMmHUfiFLDus7MA4ZLLPE0oIOX+6uOM5FTWPgTx7+2kwt7iO++H3weLqzWOTFqWspnOblxgwxkdIVO7+8QeK+0/hv8LfDvwp8N2eieHdPhsLK1jESLGgHA/l/SgDzD9n/APZN8PfA/RXa236j4ivXE+o63qDefd3Up5Z3duSeT7fhxXvKxbY1XPQY6Yp+33paACiiigAooooAKKKKACiiigAooooAKKKKACiiigArPijN88gnOAjbfJHQehJ71oVTugbeRblRkfdkH+z6/hQBZEe3GOMcVyHi62Gl6hb6yrbLV2W3vu21d37ub6o3/jrHPSuw3DANVNStYryzkimjWWJvldG6MDwQfbBprcEeV/Fea30vwrGzWn23V72+TTrCz8woJblw3GQCQqoGdjgkIjkA9D8uaXpemLrV+mpaxHr+t21xIjMZEP2LaSu2GIZEYG8hjku3AZjhQPpDxlpuqxXGnQ20sb3fh28+0PDJtEt7Zm3mhjaNmHEiCZumCTCVLDzM15Hovg3w5feJDqlpqs7spnEejahaGzvbWN3jkmLJKFkcBjHhtoHK5Llgx+lyvFRpXVV6HrYOso6T2OW1nSbnVhaNbSLbXtnIZFkeLzEO5ChJTcM8NnOQQe5BYHl9aWxtdPTw9cWl1La2oghmu7eXyHhd22RshDBgQ2OVxjOBnkD2DxVYppdj/azyxW0cHLS3TBElj7hicAdiMnkEGvnv4h+NNH1C6M+mPY3X2Ios1/C0L3HONkUWMsDlx+8UNtJ4DfMV+qjiack7bntRqxkjI8X6inwyuJ9YtNSjk+zx+TJLPFJb+dcKhMccxjUQTbjsjDbFdM53MAyjR8XWOi+JtHv9C067ukW+t59Nni2TGW1hlj+5HCVJVC3lgttIVcAbRjby8mj2nibSbvw3qd9cPFfkLFYapdrZzWlzsnka4Kqm7eFELZAKtI0jfN1L9GHxD06HS5H13Q9UR2l1CE3VlcRiFpiR50jQoVCnfPgFlXndlgu1Y57+61dMly6NaHM+Ef2UvCvw51DSfGdpaa1b3tleWTwWd5exysC86LIzhIgeFfIUYPy89cD6jSLzCeOeM9/88V5hN4o1bVdE8b6Jr0cdlqegwLdf2hYo/kXEB3SRyIpJdSBHtI5w+ccV7lo+kmYpIBuXdjBOCzAdvbFdGHVLDRfslYKcYQT5EcDa6XJ4FuY41gSPwnM0jvPJMEXS3OXbcScC3bkg9Izx9w/utbw38O/Enh7xxbarPZ28vhbTJ7nVptQ2RFDbyRyPIJGEm5lG84UIMlI2LEKa948JeE0tbWWR4ftE8i7MkfKMkAKRjHOCfxGcHGOi8K/BfwnY3Nn5eixQyWYDw26ySLaxMsm9WW2DeUrBiHDbdwIGD8or57HZg4pxjsebiK/KuVI8o1Tw7d3Ok+HNQ1a2vNIuvF+vx6leWUmfO2R27zRwkqoClYrSJWUgDO7JbcS3hHxee78O/Ekada6jeDQ4o42e6sbaN2aSUN5aspVjtI2YZQRksDyOPuX4p6Xe3mm6Dd2KW93rWjagl9FZMSFnVopbeVVPZhFPKUzwWVAcZyPiLV/C1ra+LLzxVqetaf5XnXEX2nVnntrpmeQvGht50VrcgCRdmBjDKuVG6pyDFr2zhVnyrz6n4/xpTrfUnLD03Jve2tv+H22foczq2iatrUWkzTRW93JHHGZ7W4mMcYkBBckKrA5Bxjtt7hmzS1Dw5c6Tptp5M0n2iUvYtBC4lWOCQ7gkRkGBjCjcR90NwcIot+LJFvNQuWsreS+8uBVEyW0zJakFnE0MvlmNiQynO9eEHJzgZl18VPDfiJ4NJjvrOKa4/eSR6gAyxoAXVsB8EtgYO7jjpwD+mueHlf3vTU/nLkx94OUHbeWj0Xp9/T9Bi2Nvr9hK1zPZrd20Mtq/2wrJPZJHJIqzLtPD4xkjHO0gjBFZ3w78P/8ACOaHb6Zf3u1ojBqMpe3y8xYqyCJw2dqsAhXaTnJ4DrWG2qanrLfY9Jt/P0O1h+wzySAqiyTkBoDhkZgHCZOfunDEEEmTxJrus2MOl6xqWqLPp9rJGNQjW0a1S1dyNsZfk7ldoj82FBjUsR0fzW6b99x0Sav3vv8A0vM9hUcRZ0VNLmd7btNbJaOza6O266ns1lfQahCZICxCsVZXjKOrHsVIDA8ggEdwayL28vV1Tyo1kCtPGqxLblopYiAJGeQAgMMtgZH3RkHdXMXnjK+8K6o9pNa2T+dMfMaS8ZpZGEaNu/1YHCkAjHyge6hu/t7qO5+6/wA6gFkPDISMgMOoP617tCUJx9nF6o+JxdKphaqrTjeMlp1/L+vQy5r+y0VprHS7AXN4uHaxslRGG7OGbJCqPl6k5x2PSsSTWtW1mSaGxk88xN5ckOlqFWFz1D3UnynaQQQiZ56emFouqf2l9v0q+tJY7fT2EmrzW7JGZpWZ9wbBDFMKDheSBg8DDejajPJpumObGIMyFFCpEX2LuALBF5OFycLycYFTGTxEW07JdEdFSnHAzUHDmnJrV6rpv+fRpPfoYOieA4tPWWcyyW97ONrtbyl9sZC74Q7AlgWDMX4Yl2ORmqk01ppetyR6QYmubaNWjtYt8qtLllZGUNtiO1cZwCSxJyAQduObUNQ0WbY+6ZZFEU20wm4jG1jwc7SRuTPA7jGa5LXvDtzBptjNd+V9htZjAtrO4Vkt5mVf3j/MGIbbkj+HJyWwaxr00oL2cen9f5m2FqzrVn9Yq6t2S/rftr59T0TwHrR0/Tb/AEuWYzGwvpo2DMxKK7edF1J6RyIM99p6ECk8ReONG0lZzcX0Ec0MfmGJp1DbQcEnceASQMnAGecV5016lxDcWDafdahqtqTbm5tb6SFLhQsrxxtIjK8pChwQVPzBs43E1FZaSmu3VwtvZ2epW08ciSXG1UtIg4Gx0xl2kGGU7vm3Z+ZcYrwKmHVaHLJLT1PZcf3jqVJO3Vafg79eisjU0TVpptJW62zw6pqiJdXF3DCHMsQ2j9ypLZVAyKBgHDFgpJOZPDvhvUHgH2pVtbZ3hnnD7pZ55o2GJCxwUBCRkqwJ+9wvJOT8KtV0rTNAWAzzSPbvLFE7GafyLQSERKx+ZYl2IuBwCoB+npTMSuc5PYtzx6Z/z2r4PO6k6OEdGhHlclvbW1tVc9SE1RxTU1on+T0/T9D8zvAfw48Wr8UNGc+HtVVINWhkl/0WTCKJVJLccDBBz7j1r751DTku/Ewn1SAyxLMyzRXVuPsawhGMUocrtaTcUGWJ27nAAHNc7quk6h4X1aK2SdbgF7a4st8SR+eYjHGLfeQzGRuehQDe7EEEqOp1/WHntbG6KSadDa3DPcefam5MMirhUeONuQd24MCQNqnuDX88Z5mGIxFRUZx5XG+3ofs2KxyzCNKpFWXQ3bfQdNa8TUYELM581NkzmIkoFDhM7M7ONw7dzXGm7ul0mPTI5Wh23Gp3bLZkKHgt7tlWLMZypzJFu2jeQjqeSRUXhK8ubW+gF+k9pd/amlv5MzeUXn3FYQnzIMPICDuI4BzvkIF34fSLq2qT3lqqDTrY3gRyyu7yXN00xxwCF8tYXAxgrMvJK5r5GzgpynqlbX5SS/RnGqbpJ8zuT6T4a0jWNPv4bW0023Mcw+zanosCQ4YDKOm3PzoWIOMqcY7so6Lw/q8ur6Kl2YltrxleOeAtu8uZCUkQEfeAdWAI68Eda1unXp3z/P1rlbzVF8O69dyJcNfwXRR59PiIee2ZU5mVM7mUqqZRQTkbgMk14/O8Q5J/F0/X+vI0pzVRWZzNnDeWfg/TruW1ZYJILMss9y620MTLGskc0TE9GMhYkMVDZJyMDpf7Wmg8K30ljDaiW0LQQyQcWxO1f3mB0RWb5hzja/XGTn6bEk63+l2EpuILO9N0YUlMZlt5vMbaGH92UyIF4H7racDJqzpuq3mm3FrpMxtWmS4S2FvJcM07LKwCtGSBvVFYIWxltj5I28+hUTqyso7O/wDX9dTScXe1i14Hkv8AUotSt7rU47+OOYRQ38LJg/IpY/IgUBSffnIPTnntS+Cdvqs1je3XhuyvxAEtpWsreMyyKFbEreYOSW8s7Rlh3ZgTXo/w1e51Ke4bVoWjjjgDsv2N4xb3G7/UPub5j82cjBAXPR1roPEXj608N4jFjLemGIzNHC6ogiU4d2JYcsMqBycbskHGfRw/NRlzRfK320OmlGVN897egzR/Df8AYXh3TtOudJtZpJbCMy2csaGMOApbaqArjHAAwMqcHpntPDPh5IRAZBEwjiVGVFCpGvGI1UYA7fpWv4e0OOaxtr4P/pvP2dFxvDKFcSqcc7RnHYkHu1X7C1+zzS26ohJ3uY0bIRhglR7c5U+jEdRiv0bK8PG6k+p7+Fpc0uZ9Tl/hyzedqGvzXL3S6ndzBCxby4YI5GjjijU8IqqgOBjJdz0r0RoRtIXC5H3WGV9uPpXKeBLCRvA8NpKsK3FrcXMA8s/ITHcyJnqfvbTx155x0rodJuvOtxGT88YAy3Ur0H8iPwr76OkbH08Y6ajryyS4t2gk3Ijr/rMkhT14znHPpWfpc0pt5LWVUuSowI8jkZwVBJOcZGM88jmtusvVrdop472HIdcBsEgZ7e2Dkj8j2oDlEa1gitmiSPEMh3Mp6gnkc+vXHP51yOr/AA10u91RNatgdJ1r7q63aNskjYZMbS5yJFBJBWQMMNkAY57xdt1Csg+cOM+ZHww5/nxj8Kr3FuJFZjnBwC6KcsO6svfOT/8AWxUtcpzzppqxkaXdPcw2ug+II411qW2aaKS3jFvDdshEeYyTtMsZG4wuxaM42vIp3HxJ/hn42sfjWul6dp89xpTSRqsdxGFtWtyieY0j7dyOSzYAIJyuF5IHvr2n9saDe6Zd3clmjNth1RD89pcKreVLHJ0DHG1gQRwNysrstZGm+KpPEmnmzuZWt9T0aY2V2bO3zcXU6qj4hVSzCN0dJ1Zmb5ZR1O4hWVrnjYnBU6lm9LHn3xA8B382havYwWcVzcy2cywiQ+YxbZtiOJEDKY3Kkj5MKwz0Y15x4ws9R8Xx+FNQt7CS+EVwrxPbyGTy4nhlXduUnI3SDIOQCzZOfmH1FP4bN7Gk0EMNn58q3McbrzIFUs4nmb/aDApn+MkmvJfEfgC7hsbmwstLE+hSyNdzWrSNbXFjKzLvmtX+6pSRXJTj5mDq4f5XVonFVwcXHRnz3N4o1m21i2sdPsro3Ud7NCskNv8AamRot5fbGuT1VvmIIxuzj5a+vvhjq91qnhOCLWrGSO5Nr5kum28DpEjOFEsbKWJwCchCThSAG4YH52sfFH/CN6zcavc6vpOkXxCx3P8Awk2iNZXU8iqWbfLviVlYrvO1MfJgcba+gLXWNX1nR7O80rWfBfiC+Rmkv7SzndDBHFt8uYYaVkwXcP8AIcqRgHANap2MsvwqTlFPoeY6/wCLtH+CHjlbZfDsf9k3ESX13BDYRJsj5Qu6EqGJ2NyMHMQOc9fafEWny6xa294kHm+U5WOaO1d3ZTkFY5Dzx5ZcMOTgDIBrR1TRfCXxcWebXPCR03xJphMiWuoQI0YjPyeZFKgKugZBnGHQLGWUfui2L4H1SysfFh8OanM2nXp3jT/NuRG1wnzbUV2PJBPRevyjjkUHZGg8NPkl8MnoZ3iDQF8T6JMSI5NTYndCLebcRwUcN7qdwIPPfPQeK/Cv4reJfgf8VpNI8SXGq3GhDzXls5rgzQRLLMTBIkDP8mwqc7F7PgMSN31h4g8LnwzrDxx3s6WUyCUCRfMKRg/OADnmMsPT5C393Ncd8ZPgxc634Tk8ReE9Mjl8V6JLFdWd2tupmOH+fZvPJWM7lQKQSgAAyBQXVwUqc/b0d1+J6D8doRoPhLV9WmlXyovK1Kdo1wLea3IfcG2sUWWNJIWIGcScYzXfeD/tOs6Ra300SpcOuBeMMtOg4WVF/h3DByeeeleO2GseLNY/ZX8R2/j3S9/iHVobrTLKzurYxS3pmXZCZokClfmc7iNu2NN5IwTXX+HfGFx4d8Oz6ckq3DLMwtpMfchxwT7k5PHAJwOMUH0lOXtIKdrX77ne6/4jsvCluyxjzrx/4ScsT6sa8L+KHxU0jwXoF94r8ZaxBpOkW2S09w2Mnska9Xc9lXJNcD8fv2k9C+C9vbxX63HiTxlqnGleGdPy91duejMADsi6/Mc5wcA9K4z4Qfsl+Mfj94utPiD8cpY7ye1cPpnhWLJ0zSFzkApnEsvr1AP3ieBQWdTr13pX7UXgXT9L0x/Emi+GtSjtdS8y2cQSazbszrJZTKP3kWGA4U4YEYYivqn4X/CHQfhf4fsdN0uyggW0hEMSwoEjhT+7Go4A9+p9e1bmmeHNG8J2IkjhgtktYiz3k20MqgfMzOegwPYADsOK8h8D/tdaJ8XPi6nhH4c6FqPjXw7ZGZNb8bWZWPSbCRUJSKORsfaXZgo/dnADBgWGcAHoHxU+OngH4I2mn3PjnxXp3hmK/nW2thezYaVywX5UGW2jILNjao5YgV3Edwk0ayxsskTKGV1IKkEZyD3FeZeOf2Yfhd8TPF194n8VeC9M1/XLzS/7Hlu7+MyEW3z8IpO1H/eMPMUB8YAYYFWtK8JyfAX4IxaB4D0S+8XS+HdOaHSdHvdVCT3hUExwtczcIDnaCRhQAAMACgD0bd7Ub/avnHwP8cfjv408YaPZXv7PLeEPDb3KpqWsat4qtJZIIz95o4I13MQMHrzXdfHb9n2x+Ptro9hqnizxV4d0qxkke5sfDOpmxTUgwUCO4IBLINvAGOp5oA9U3eg9qdXhXw++DXwx/Y48P+J9es9Y1PRfDkyJLef25rM91a2yxhhujSRjtJyckZY4A6DFSfD/APbc+CPxU8aaf4T8K+PrLWPEN+zpbWMNtcKZSiNI2GaMLwqMevagD3GiuB+Kvx48AfA+HTpfHfimw8MR6i0iWjXzkCYoFLhcA9Ny5+tRfCn9oP4dfHCTU4/Afi3T/E76aIzeCxdj5Ik3bM5A67H/ACoA9DorkdN+LfgzWPHWqeC7LxPpVx4t0vabzRFu0+1xBkVwTGTuI2spyAQM84rrd1AC0UUUAFFFFABRRRQBQtYwtzKJDvnBJDtzlSeMemKvYqteQsQssYzLHyo9c9RU8UyzRq6nKsMigDmfHGmu2njVLdd95YhpNmQPNjI/eR88fd5HoQK808YT2uk654Y13TrO3uX8QQtouoTSOyPPAtvcXFqSAQrFWSVehIM3YZr3BhuXByB9SP1r5++J0MPhttAtby3uLiL+37O70w25BkjdpDFJCoI7+YeMDO88g4I0g3dGc0mmn1Pk3476ja+Hfi9f2kLSX8F6YBcsFQiJ5XXbGRxjIKcKCBnt0GZcaDFfRrb3iySQXELKsO04ZOQ4LDHTvz16+/1l46+Gug+ML60vNV0mwvNVt4CLS8kjDbAWclCNvzFSd68YXecbSxJ8F+PS23w0+HHiDxJc2FwRoaRyrAihZCpZVVw2Oxkxk8EZU4+Td9lQzCMqSU3blPiMRlrVVuH2noeGeKIZfDPl2NhA1nFJKxuGMT3LLIBgBhktyB95uwAyMg1mQ+O4hFGI7OGa98hZLgzTFmDfddYlwVdlcFduerKCRXna/tHab8ZtWTRrLTtQ0bfbMJCi+d5u0DCkIchcZBA5wMZHOdK2sb/w9cS3j2kcV/Aouf8ARvLaSBGGwZLEAsqo2DzkjnjOfYo4iFeHPRPHq4WWHnyVjs9S8QxatdX1o1pN567Yo9R3qAoMpTaycGNSUIO3cQCTgHiuq8C+EbnQJlmupmkuB5ggtbaXMMSM4OS+0bjkHGQABjgkZPFxXP8AYqxzTaXa/b7i7LRX2oLGsmxUVlDOFYltysVz8wwW6rXrfhWQahpNhLHG0YvLdJQrndI25QzD8M/pWFdO3vF0ZRjrDQ1rexe63CNMu2F4bgex9eO3NdZpPgi51K3RmZy7ruxkBcdBnn1B5PHTjmtfwpoxumjiljVFCEbVLbmdtvJP5Dj0/P3zwX4Yt9NKStAXuOCewTBIGMe2BgnGBgZ4J+bxGKdPSJ9DhsL7bWR89ax+yNFrGux+JbzxI+g29n5D3MCxvksjho2iZXULKWIALbiCEwMja3s+qeDdZTwJc6/q2jr/AMJJ4ka00uazWVy+mWU1ysZiVlYYdIZZHdlYDzMkHAGOn0Swi8X+JAl6qr4a0K6SSGcSZF7qCb1yQCQUhJGAcnz0bODFz1HxH0uLxD4dGjW07R3kE1vd210ZATHNDMsiBuCxU7NrYHKsw714dWtOvbnex9NQoQoJ8q3Pkf8AadXR7fUtB0DSotPmis98s2giJrhLiRTE8cTqufKLReZtYgrgtuULnPF3kMLeH7awvfNs5S8zQQ6TbmZokkJLRonlsSqkj5goIIGNo+WvbfFfgzRfEXiRLrWZtT8H+I7++ilbw/dXUPkXcsUCo7Ws2wtKmza/BB+QkxrhlrjvFHw/vrG8WeG/uUkgDRLdIqCTYcbkKsGGMonUZG0dOcdeFp0+VrdniY72sammiPPNa0VLnQ7++gu5dUvpAtwl84UyOAuFUeSFJQruBVNpYO3dyTiWEX9n3j3FgXtdOmvDb2V9psC2kS/uV8yIQliQCY2z8oBYZADYJ29UkbSdPjsrW2uvslncw2TtDMIQAAj+UJA24MVKgHoSQu5c5HO6ijWZu5h9ksLzy7i7tTfbrl53GRFDvDjMpQqCfmYrwu4KTXocq5k1seUpyUbPc25GtdH0ueZEnSG3tBG8UE7qJo4wxWNwD+8AycB8j5j1zWx/bs9zNPY3gtnnhjSXzLOczxlW3bcttX5uCxGOhU87q4VdQEEd/cW32ozWAd3u7yK6WK/Z9zR22CoSGRcxgdSSyAFt5NU7q1nha1XTm1uQYt3niiigtUjlJczKMBQ4HydGORnDMfmXKpRpVHzKJ2UMXXw+jluXfHHhfU9a1q2vLG7SOGONVBMjq1u4dyZEUAqWIYAg4GFwSQSK1pGc55JOBzg88H8/p9Kh8N+ILbWrMIl5HeXMKJ5xVhnJHDZAAIJBAZflJUjtWL481rV9JktP7Lt3lEgkLOtq9wC67dsbBfug5OSSM+o7+q6TlGMO3c5KOKSlKUt2drp7hrcqSApypXGfvAA9sfnjoKralDbahGX1COGSKLMuJwCg4yT83HH3iTzgVzuvX9xdaLeQ2sq291NEwSRWO6NjgDkc9QemK5SNf7F8K6pBruoNptndl0AjuXkEYddpC7lyMncdoXB5OCSTW9Kh7nO9DmrVVKpZLc6jxZ44/tyPS/7H1WXS7SzS4iivEuHjhkkDKAY/IDOWURyD5lC7VOGwTn6c8LeMLXXNFs9Ts7qO5tZ0EguYwFAyB83+znpyeM44r4mtrHw5rHhnULjTtVOpalbSJeRsE8toTuUjbE4ChGOdzEFSWYnGOPV/hTfvomn3BuNffSbGa98yO1hhju73YXCTkqm8Ltb5wrLuYOzgtgivks6w9JUlNPZ6fM+ryXEVfbODXTXysfQWs/EOPRZ4bS1WS+nYGT7HaQS3VwqLglykYY7RuwXIODgZy1eWSeKtV+KUk1pbX9jNb3AN0tjGG+QRTJtjuCCQVlUMM4AGOA46S+EdQu7U29zafbNJtnkFvJqKB557m68lFuIknfKrG/kJIAyB1bcAUZSgv6l49Hh2P7Jo+lWpsbCJ1D3N35JcRJCfKQbX3ECWMc7RnH95TXw/K4xvy6X/AKR+g0ZqUuVfFbQ5bxl4BTTPAEOlulxqGtazInhywtbdiLe3ibcV3YUbxDEJG3uGIwcBScn5++Fv7D+neCfiJ4e8UxeNb++s9H1CzvhN/YWyCZTIDGN4nZl34HVeA6scKwJ+xviF4duPGOj6f9hvZNPv9Mv4dSt5GYqpePI2sMjjazHDZG4DIIBFeJ65dPquuW9xdaTceHdYGyM6XdOJHtZopRIt1al2O6CNJGZkiACmED50yw9PBe6+S9jw8zlVqfvN7fkeoa7CdJ1X7TcWUUha9E0d3Cx+2SBozGLYKQBsDAtktgKpO0MN9QaT4m0rU7hIlnVL9vMU2szKJFKMfMVgCRkEEnBORhhkYNUtabVvEfgV9Y8uHVZNJmd38l5LWPUfLiDJLFt3srBiB1Ksykj+Ejz7QNRj0nWLew/tyx1O3sbuBwkNyC009yxid1yC+5TISx3sGLnleVX6SilZ+W58XWues659tm8P38OnSBbya2dbfdwFdlwG9V5wQcHB5welcv4Xtb+Kxu47/wC1W8TzloobyQTTAbACruGbq2WAJPXGf4R2PmtDMQyfIuCQq/eypGcH6Htjn2qk81sVlJfbDsXezcKACTknuBx7gZr0Kb5UcUoyZzV3bnO459WLDqK8x8eaC1m91qUOpvbK88cxhIRXdwFRlRj0zGDhccnqcEivV73Vof7QNgtrP5bStapdbV8vzVjLt/FuzhSM7cEjFcR47jto4LWSWaa1mWXdbmGMu+/a64C4ORtL9ug65Fenhp3djmrxvHm7F3TrfWfEHwvuUW7laWZGFtJHJFvNsWGBvHyFiu/aSehUsQwzSfDTwo+j+G9Tsr+3kFpcSt5VlcFH2w+XGhRtpIxu3d+cjOSecrwvpmuX2pWEOiTyy6NIySLcO8ZQwkh5i8ZwxkZhKRtXA+UfKoYV2Xws8M654ZjvZ9Sm+2PN5USYlml3SLndOGYDZkEYUdcdgoyqlN2av5mlColJNozrX4KK9wktrMs1xt8oJqSfaFZdvyA42/MNxAJySHcMfmyPUtN8Om1sdLsdIut5itILSSUKIy2AqIZBj5c/KSfVx688V4t1/wARabeRLplrLJ+5WRPKtmuBLNvZTE5Uny1yUILYOWBzgYr23RfsFrphtmiLXiqyzPJIeIThhE6dizBl4HZvUV5uKcmrXPbwSjBuVrHFQ2Nr4M8TaNrsDPBa6lt0S6Kp8hlZsW0jkkYxK0kWApJNwgJxkj0KSL7BcR3kPzRNgALzxjtnuQM/UD1qjq1naXtzceHLq9+yXOpW8qK5nWOZuAplRgR+8Hc/3lRv4hUvgrUZPEHhG3S+mWbUYC+n30sUZjU3UMhilZFPIUvGWX/ZKnoQa8aScXqe3GSmro6L5JVVwdykZVgeoxkEGmSReYrrJ+9RhgqePUH+dUtLnaN5LWThlztHoR94D25BHsfatLipGYlh/o9zNYSvuWTcAJPmDZzkH2K8n3BrFuvBt34faW88LTrat5YVdDuJNumyEAABQFLW+QMfuvlB+YxsSc9LrFqZIROmQ8XVgOdvXP4ED+VT2UxuoEdeOSHU5OG9jn8cnPFAHO6H4rs9UvJrO9tpNK1pIA17o90FMzQlsbkYErIu5QyyKThlAba24D1fTrex1zw/c7o42uVGLmEZEcxO1xKoH3Q+1W9Bnkda838T+GrXxJZhJpJbC7gcvaalb7FntZP78TEEA9iGBVhlWDKSKZ8PPFF1p9/f6brcTSX2nogdLWNo1v4DkNcW8YLYWOXBZCxKb+cKyOziyZRucRo/7O9zoXxav/EX9uJbac801yksW5JZ433ERSyEHEcZPGcnKJgDBNdNdaSpvnlsrpmikVmE1xCsSLz8wBB+fJ2sNmcH65rubpJtZuEcQR3HlACCNmzaxuRuzI44Z8Afu1G0HHI4qWPw6Neuo4JnmkMj7knRNotmII+SPJWMFgSOA2cZycV6Krylo2eU8PCL0R5Xqng291lY5PtKsZ4xJC90hXzlGBhVXIU8dCc8ckYNfOXh3wV47+IWsG2jiazeGH53nE1mLOaRwF2OoPmsMErnoFyG+fB+xrzTbvT7y4s5omVt2x1iAK+fg5K4+bDDLqOn3hk4yfOfFVu/hvUob2ceVunjWdgxQhiwG7oSAVyOxyBztJB9HCVea8Fv0PKxdH2clKS06naaTpmqWMjabdtGZLt1DuGkJaUxlQdwBwXG8YxgsHHevFb7XvGnw3+O1xZR6TNFozvGsrR2km0wtEpknWUEorpknaR/D33gn61uPDp17R7a+07ZJOlqm6PaMTq4EmNwxtIAVlb+9t9TlEVfGvhVrGOHz7m1xFdXHO45BKsF44KknbwFIKjkDGNPFOnJwkrpndUwaqRU4uzR55/YcWr2MUtpdafA7b2WMzt5XmNH8xY7QuGJPIGTnrzXIa54C/4SzQZNNn8uNWtmtlka7dhsYNkALHuDBgRgnAK5yN1W/AvxQsfCPxYm8BeI/tYv1ZbGwuFi+0LGZVVoomOS24q0ajauAGXLdceqeKfBsGl6tbX1tZLJJcPveIkxfvSOFOOgkVdqg9GRcDkmipVnhai9NPQVOlDFU366+p8r/suR+J/hx8eJPB8sUcmnak0cU189s8IEEEMjRSxSZEZJeRlKgckgBRtr6x+LkMPg3UtC+IlnFI66S/8AZeqyMgY3On3ckcT5z2jlEExP92Jx/FxwnxY/ZzT45eF7S40zUbeDVLOeO6ja4SSWOdCjAo5JY7huDAjPK7SBkMvY/EbUbP4e/AVPAs+tyX3iO80b/hHtPlwyz3F01v5SyAJuZQCd5YZ2BSxPBNceMq067VWO70aOzB0alBOlL4Vqmeg+AbX7V4Us5Li6E8GG2RA8RKGOI3bqxTG3PtVDxd4+jtFNnpZG8cNMv3VHov8A9auF0/Vriw0+5sLJnit7iczld+doIxtHooAA/Dr3r5j+IH7RHiH4g+Lpvht8BrNPEXipnMOoeKWXfp2j+oVuksw59Qvvg4849M7b48ftJ6H8HGg03yJ/FXjzUht03wvp53XMxP3Wl6+VGMEksM45AIrs/Bfwy8Z/Gaz8M3XxN8K6NZWUa2uprp8kYkOm3kZYSGF87iXUjG4ZXkhiMZ1v2X/2KPD3wLebxHrlxJ4t+IWoHzb/AF7UT5sjP1O0tnAyMgdsDuM19KiPBzmgCGx063021itrWFLe3iXakca4Cj0FWaKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKayhgQeQeDTqY8ixqWYhVHJJoAq2rG3ZrZjwozGx7r/9aq95qX7pxHC0gbIR+NrMOcVL5H9pMryKUhU5VT1fPr7Y7fSp7u1FxavGOOPlI7H2oA4rx9pdwv2PWoMz32nEyPDEoPmQEgyRqD1JCFhnuo6Vx3irwto3iz7PHqNnb6pYyr9stppR80b4yJI3X5kbDZ3KQwI4OevpzapHawNPeOIkt4lMshxs75P5H9cV4rda5eNnSdJT7PvuJJLQzdLC3bDHgYyc/NjnGQOe3XSvzJG0b3SPn79oxda8TfAnx98PoIJPEPi+2tmiCWceXuoGk3W87IFVVcqpVtoAZ0kIAGQfhP8AZi+Cnjr4dfFq113xN4L1Ox06zsrqYvd25C7/ACWKYJBwScAEV+n2qeG5vDt9YeIdDsXvrpJBa38TSD7Te2z8+YckIzRybWCk5EbyhMsQD47purabN4yn1G/121063kvJXnm1Oaeznk893MMDQTqgDLjjk48s7R87Y+gw1CM6qqTlZxPTpU+aSlJ7GboVmmqasy3d7ZXdhb3JvoI4dssTTTCXK725O3LEDGfmU7sYRG31/p2peIpBeNDa2kjSWl2n2zY4itxJJuuIyvyx9SSGGVkTduV8Cn4881vET2s6eUbg3Fs1sdLlumt7XBP2lChwSzeXlhnl1B5Q5s61CPHV1qdno+oILmzspILMecEW8vWh3RkuDuZIt6P0K7pSTkpivqvaWg2j2+bQydPuJvGmk/EPxPZGSXSr7SprDT7e6+RZ/KikBkKsdpQvjaxI43AhcZP1f4R0n+zbuGWWUMzqZOrYVdvIA78Y5HvxXzlpnge8lfXNJ0/RW06O5tJ9Ke+e3NuwhndQ8jZVVJiiBCLHnd8u3auQPpnS2kvLVU3Mgkbd34wcMCOvsM9ePw8jEVnytHnVJvVHfeHvKZrUvHuDKdhjwyjCgMD7HHX/AGs+9dnFY+ZtaVnjNx/cYgqwHy/pWfoNuL6K3yweNVG4KwYEfKVycn0H610t1AZrdlXhuqn0I5FfG4ipzSaPEqyvoYMOnmWbdcGS7kYEbHfaAwOCvHbuB6Vy3i6ex01bm3vb62gLZMUe4F2ZQSBsXnkZH41ta94e/wCEnt3uY9Qv7aKMEPZWriLc44JLAbunGAccVF4f8P2Oj29udPsbeK4mJXzY0HmMV67pDk965Ivlaa6HJKEakeRrQ+XvjMtxqXhOW0TQJ30+5v7GJm1L9yuye8hgc5yMqfM2kD5cnkEHjzHV/g7DcXyHVTaahDbyzyQxrbESQPKSzfvCd25SCMrjnb6CvrL4/aCY/D+lTXDsFfX9HAMXzujHUrYA5YMWAY7toGMAjjcCPP8Ax1pRjujcDajswLncWMW0fNkehypHsefUfo+S4xVXyzVz8B4uyx4WPPRfLq9vNfgeBW/gHRtLtI7SDTo4rSNQv2dGby2AYn51zh8Ek85OTmuGvtJ0Q6hc6Hc6ZZtpz3jQ3ZiDI8onUFEkVEAVMyRqCz8mMEdK9u1KNF2Hy9hZSGU9Q3Qkegxt/WvN/GemtHeCZY7qaC5jNtLDaSpGzy7h5BIYjIBMgPXouQRX3lWMHSUoxWnSx+O4OvVhiHCpUb5tU7vfvfvv87HG6f8AC3S9Utbu3mk1GRb+2aWzWedI4mQYwzCHbkhnU/NnIx/tVh6PrWi/DPx54p2W2neHbeys7aFrWbVNiXRCM5MKsuXYKVXjGO/LZHfW/iS10/S7e4stJEepX0bMqughWbbGXZgQGGCV4BHJYEjnNVNG0+41y6a7tZbeZrey8lri6c3lvcSSH94V+YbOEXPqG5XjnilRj7n1fSa1v8vP1/Q92njJ8tZY+7otWte2t1rZX7W2et33PN/GHjHT18a23iCx0q6sb66njhWS9s5oYbuFVfy523gK4B2sON4AUL1yvrN141uY9UgtJUg0lnb547/azRJ5YbzWZZNoTeQg65bIyDxXJa74Btl8D6/NqWotf/YtPZBZW8+9E8mPeilmBYMXVWGMFc4BxiulgfQbbRbVBHDqV35caSyW0xcKW2oA8in5YyWxg8Y4AIBpYeNaM580kr+9+f8AX5ovHSwdelSdKm58t4rq9lbV2Wl+q9GcJ8aPiBrWm+A9X1SCSFVtIi0cCQytHKC7R+aXH8JBVkzhTuI3MyGvLf2f/wBoHXfiH40m0HWo7a10V7drspp1o2YpIyhVlUbgBkDPG3jnqc+6+JfBs3j7Vruz1TQ7PVdMjljge3kuSkUaLESVWRRvG4yKThQPkUdOlXTfgJ4S+Hoh1fRdCtLPU45Ns8jSTSx+TIxUhgz4KIGVixxkRdsk15mIwuOq4tV6c/3cd07q9nrp6eZ7mDzLJsNlssFiKV60/haUXytrTXpZ9bdTp9P0zwyuomyd21GaHZCWndXiXkukZRcKAMnblcAnapBIWtFfBSrI8YNvBbM053wxbZnWRWGwnoFTdxgfwr93bzzOm6LLbx2Ukt3Yf2Rp120lpeRq8bnLh22ct5i4zGOcnk/NgZ5rRfGPjHUoZdWg1SO4miupbR9Lj8qYSSxIWbYoXJUgEgh1JBXJH3q9GpiKMFy1Yau+3b7+n4nzCweIrtyoVlZb83d38tNn2t+JKuk3vw5ln0/UG+16BtYSfY7xPPFqzux3Q+XvdV3OzbDwGbk4OPQvDvjFPEd7A1ndW93aXEko8qJGEsKIWAkkYtxu2jAKj749DUen2+p3slvcyWEzi8ljuwtnHvjlYKigrKWUxoQFJVkBPzKCc4q7Y6LpXh3S9P0xzfP4qsbeOa4h0W6YeedwDO6OwiO5jjdJhmVeD8pr4bHYrCRk6XxRt16H0McLUxVNTqLln3Wz01v8+t+xP4mvLVLc209ncX0Xl/aJPJKr5aowKtuLrggjIA5G2uf1ecaTHcWwMkOkKiPIskckkU0MjYmkluGyUZVLEZYEBcncDtDptIi1C6ttP1jVfEFhdyNi1/tC1spk53ExGZYXjy2AxV3ydq9cHGl8QvC9tb6akcuq32r3M01vYLDcOqw/vHVJZFSJUyQhaQbhwVyu3Ar8G4ip4DFyTwsWmm2/P0VvxufY5Vh6uFUY1p3T2sjyhfCN34sWTWbnUtTTw9q2pLNDFHc3MqfZ4wvledEQWIby+zIQZOcjaB6FouoXekpZWdvYQ6YjGAixSzkzIshXzZd+cLtJbhskbfm++pEWqXFt8J/Dd94gv4BDoukWxWU2JMk1yGljVWZSqqCvGBk43sBgDB888K/tI6d8V9eu9N8LvrC3qIJobVre3jR4RsEpLsxIk+Z9vIXITP8AEK/P3RxWOpyq04/u4/cvX5W/4B9f7KtXheMfcj1PU/GPiVtLuobUTtYwKFmuLiHa1x5bb1/dIVbd84QHAJxIMDJzVDw3M95dWc0xma3a9Mwm2xgGV4yIy7h8/NG6ZwuA7Y3bPlrHtbOObVBqUthdizT/AImJuxIrXq2zxBQrv5hyhKswCljhAMBsGu/uo/D+iz213cfZbSWMfuyzABcLt34zgbVIUyHoCAW5ryKnJTioRWrRzKKpxstzyfVtPvrDxZoOqG1aeDUpUt9Y0u9tzDbm4kDLG2ApDbZGC7trffG5zlSPcfBqDw7Ba28zJN5UQQBV2KCeQgA5CjhRnnAAPTFcP44t/P8AEF42wGfS4dNk/f8AKRRSXu+WUrx90WwbJPGz0yK4/T/H2oXmo32i6PPNJZQWi/2trVwzXkNs5DZeIpIPvZzkHChM7VALV2ezqYiMH8PLv6br87Lvt0OyPNOz6n0RqXjDRPDsixXt3ax3FwcW9vNIrySnuQmMsRgDjpz0xxxuufEzwrcTRTa74cuLy1sZgheWyV2i+VXZvJfEir8q/wAGTvTCt1rD8A+FYL/Vk0sahqkCSLMPOhmW2t7to+JG3IfOZ2AY/vHJOMg8V1OsfDm9sLi30vQntrHTPL2RiKYwJauSS0xVFIlJB/iGSVxyHOPTw/JGS0ctemx1U7Nq+p6q/jbRNIhsLvWbqG1tblUkTDS7ljwCGOEbbGm8MWYYBIy3HNHxbpvjmb4iWNzpM8lppds8Mcl9uhitom80icTtIN/3MYUDJGcLuNeXeH/hNezyfYPDyC70yxvL60ntNRv2s5Io1l2hWkWGc4cBXYYEhaSVwylyK9wfwzrniaw+xeILmz0zSVCxJpegmRQsQDhofPIUiJ1KEiNI2OMMzAtu/QMvy+deTlN2jF6WeunfQ+jwuGcneTtbbz9SP4Ys0y+KZBF5ds2uTiJk/wBTIyxxLcPECMqhuFn+9yTn1xXQXqNY3y3Ea5V+WUdzjkD64yPdfetK3gjtoUiiRYoo1CKijhQOwpLiEXMLRk7d3Rh1UjoR7g19se6PVlkVXVgysMhh0x2NJJGs0bRuMqwwfy/xrP0mYqz2rgKyklVHTIPzL+uR7MKvXFxHaqpkfG77q9S30HegDP0uRrW6e0lPJZtv+91OPqOR7hqs3F3DG7KqebOuTtGB5f8AvN2/nWZqMn2iYSOkiGMcxQsN2AcgyN0QDngZPJq5p1nHcW8byqu0H/j3UYRG757sfc0ANt5r1tJ1CzVI7uxu3WYLMcQq4++wjC/vGPGGYgKVB5xSDTodM8RaXrKXxeHUEXSdSluFcPPMSZLO53fdVXxNCykqC8iIvzL82rn2/wAjp+NV57ZLyxudOZkhyPPtZ3hEv2aZXEqyqnd4pVS4TpyrjvSt1MpU1JWLs15ZaDfNDdw/Z2R5JLf5mbypGXBKKBnBKiQZIxtPTg103i3QWe/0/VrLfE11GhlSOXawlKAcsvQSL+7yv8RU+9YXjDQ5fiF8J9V1uytFg8ZadZztd6NYSLdeXqKQ7mthj72XKleMspjYAbsGv+y/4u8RfFv4d6t/wlmmxW4SQWUd9bQtDHdIsS/MkbM21lYn5h8pLDH3SAHmUoyp1XRqLR9TO+KHwFtfEng241Tw9qDpL5LXFtBNjLnGTFgAZb5QvzZOevQEcJ+ytrEPx08C61oes6Dbrc6fZQwnWre7+YJI0jR7JFQMjxtHu+Q4LKh+XAx7FB4+g0PXrjwtHDc63rk7MBBYxZSG5GQTJKf3cKShSw3MDuEoUMRXR6L4F1/xDZW8niu+TSV89p5dE8OTNFDKx2lftFxtWWVgysTt8tGDBWRgDua0NY4GEKyq09O55V4S0PU9Q8P+DdZnuo7bW5tPs9T0/UiAmZHgQbJCFKiKTcIpFCtgNCy/NGrLT+LXwu8J/HLxJ4cl8Q+KV8BeJ4ojaXHh/VHhNxNGZcEW43oDuKvtlQMGyhI+XbX0J4u8JwavoixWsKRz2seLZF+RNuMGPjAClePbgjpWNpHxD0uPw2g1qfN5buqeQybppmU5RgnXOV5P8LKeRjNB21KMKkeWS0Od8W+P/AVxpsr6Zr+napcwtGkSaM39oyxT7WMSmGAOxDhXXGORn0OOb0P4keJBp17ZaX4fTR4WVhaanr581iFZQ0QtY3Dt5YLqfMkiYDyyVO44seIfiTqHiRZNP0a3XT9PB2MkDBeBxh5F6H/Yj59Tism303+y9MkuIr/7Lcs2x5XUGFJCpVHCfXCnJywYHJ2ig22Kcfht9Q1ez1jXL248ReIIIjBHeXQUKmSc+XAgEcZwdhZVDFQAzHrXivxT/aR1K88VT/Dr4O2MPivx3gre6q5DaZoa9C8sn3XkHIC5wCO54rb8R6Z45+P2i3vgvQNSvfBTWt5HputavDZvHdajhQ1wlkTjZFggeaScncOFXNev+F/2X7v4JfB9tG+EMHh/RvF0bxSW0+vQyT2hYOPMecph5JCm7DHocYA5JAOW/Zk/YpsPh7eTeMPF97c+KPHepNvv9e1Ek3MrHBKx55hjHTA+YgdsV6v8cP2mvh/+znY2VprV1Ld+ILxFGk+EtEh+0apfkkqqw2687SwIDttXKkZzxWP8K/hz8ebPx5ba98Rfi3o+qaJEkqv4V0Dw4lvbyllIV/tLuZRtJBxznbXscvg/Q5/E8PiOXR7CTxBBbm0i1VrZDdRwEljEsuNwQkk7QcGgDxqP41adrnwtsLD4yeDbzw1rHiyG8hbwLaWtxr95LY5ZSzw2UTyBPKePexQBGcKSCQDmfDnxrp2i/Hzw/wCCPBUthpnwp/4V62uWem2NnHbwpML5Y/NzsDqQhYMrEcltw3A4n8YXF98Mv2qT461TQ9c1bwjq/hOPRYr/AEHSbvVZLG7hupJmjkgtkkkVJUkUiQIV3R4JHGeM+JngnxR8Yvi54hu9J0LWtAh8Q/B+/wBJtbvUrVoRBdzXWYoZHUlEkKkPsLBlB5AIIAB7X4X/AGl/h54w1zTdL0zWLt31SWSHTL650i9ttP1J03EraXksK29ySEZl8qRtyqWXIBIuj49eCpPGT+GE1K7l1CO9/s2S5i0q8fTorvAP2Z78RfZkmyQvltKG3sqY3ECvBtZvdS+Lvw/+FHw90bwZ4o8P+ItF1bRrzVpNS0K6srLRo9PkjafZdyKsM5PlmJPs8ku4PuHygsC4tdc8G/F2JvhOnj3S77WfFon8SeENf0CWTw5Jbu7i9vYr94tkDMv79fIum3PsQw5LqoB7d4h/aO+HvhXxVN4e1LXJob62ubezu7iPTLuaxsricgQw3F4kRt7eRt6YWWRDh0OAGGb3ij49eCvBviaXQdT1G8/tC3WJrxrLSby8ttPWXPltd3EMTxWoIBbMzoNo3fd5r5Tm+FOqR2/xR+HfjHWPitBaeKPEGpXkOmeEvDtleabq9peTM0RF++nyi3k24R/tFzF5ZQEEJtaut+M2nar4L8beIta+FY+IOjfFK7+wW/8AZo0CTUvDviYxeUsUl1P5TwW4MYaJphcW0qBGYg4XcAejXXx58JeNvjhrfwk1vwdqepR6XFY3Ud5d+HL66tpLiWSdMsDamOKJPKBW5Z/Lfc21vkavZrHwvpGmSRSWel2do8Q2o0FuiFRjGBgDAxxxXiFi194O/a81vVNX0TV307xR4Z0mwsdS03Srm+tEuoLi7M0U00MbC3AFxGQ0uxSMnPBr6DoAydc8J6J4nEI1jR7DVhASYhfWqTbCcA7dwOM4H5Cm6H4P0Lwy0zaPo2n6S0wAkaxtUhLgE4DbQM4yevrWxRQB4v8AHb9kvwF8eVj1DUbJ9A8ZWrLLp3jDQj9l1WzlX7jCZcFwP7r5Hpg816T4VsJfCvhzQ9G1XXptc1SG2S2bUr4Rxz38qJ88hRQF3HaWIUcCt+vln9uLw5eafJ8IfiToVndXPiLwf4zsgTZRtJK+n3TeTeQ4Xna6+Xn2B9TQB9TUUUUAFFFFABRRSUAFUGkGnTNu/wBTIcjA6N6fjVm4u1gwMb5G+6i9WqOG1ZpBNOd0vO1R0T6e/vQBXmkuhtdmWKJjtK4yUB6E15j8Z9MefRfC2lWVxDaajda6v2aSfLFzDBcXAXIBHKwfxfLj5epAr111EilWGQRgr1FeM+JNeMPxKSAW8d//AGHxYgTHzJr65XJQ4OFEUABcuPu3KEHkg3HciRCupM3hNL2HdaX9nP5AtwwLoyuEKkkcfKQcnr15FeH/AB88OWvxw8H6/wCHTqMmleFbtI4r7ViqvNO6OuTDv5dgNu456AjPXPpHiZZ9UttVRbxzpTRNNqF2oCLdzqpbp1EQUcDsqhj1Fc4tzPZXGl3awmOy+ylLC2kjIitoyofzZB6s+AoJBIK5yME+rhqfOtTysTVUHyrc+BrX9mPw9+z749tZV1u+vdWmjCRQ3EahAk2FjdmUYG4hlGSOcYzmtG4sZdP1uO51Oze7DSOIyzK4m+YtCIlJG0hRu5CqDknJwR7n4y8EaV4x8au/2meHy9uZg4VTDG52iQNzkHhSMFlIU8KAvlXxo0WWW+F6sVvFbmJIBI+U+xSBjmdcZ5JIPVcbRngnH2OEhCjT9nBWPi8XKdep7Scr9CusGpazqlnd6Sstza4iJ3FAkMiysJVmVuWwABgZ5UleQGr0HTtUtrLx9Do8wkS4aRYdjRttDsBsjZiNoJ3DAJ9BxkVzvwn1K08QslnZSWqvBHM0kcMoYMqthpCSc7T15OfmGSTjPtOl+BdBvvFVvrT2Rl1CNhL5nnsI8qgCSFAQGKFcgkdl9iMcTW5L37EYejzNLzPXfAfhtNLvLM3DoJ2KO/BwgxnHJ54XqR3+ldz4i1DV7ldJ03SEaPUtbk8j7RGvNjaquZrnPbCkqpIOZWQYwSBzXhtXuPtErkRuq4CrhcEYUA49cnnseOvTt/g7pzeIoZfGF3BcQ3GrRpHbR3RBeDT42fyE24G0vuMrDqGkKknYAPga8ryPvsNG0bHcaD4X07wno+nWGn2y2unW8K2scPURx9F5PU56k9SSar3mp6Z4VXfeXlvpo4jaWQqDkcqQD1yOOOprqJoVnhaNujDFYDaPba358lzaW51W3BgFw0YLBc5GCegPXFZHonFaxJZeMY7i2svD9zr1hM2S15CILXduDq4ZxklXAYEDggfWvHtN8M+JIZtT8Pa14iV7rRzGHmt4meSW1lDG3kkk6Ego0TOOS0LnGDz9HWKrcW9om4qPMaFmYbtvGVVc8Y/CuQ8Y+H/s/wATdGuAsMtpe6RdRT+fJGJZJreWGS3RMjcf3cl6cLwOvGTnWnLlZhVhzwaPmnxX4B02z1NpDHI1xlWDyTMd8uAN7pnZ5mwlQ2OijqMGuU1DSWhmeIKu9eSoHHXng+mK95+ItjaNujiVS6qYgEctlSGYgAE8Aj5cno2OwNeS6/EI8lsIRnEbqcpkcj88fhzX0eHqKx8Zi6TUjyLxFI1pcahEbmKzheFNRRbvUFtraSaFlX5lKsWbJtwF+UYGc7gprN8P+INY1jXmSaB5dJnWQgvblYRDkmJ1kxhiylcrk/e6LtIPLeNfjZ8PvGFtFaaT4ptZtYjl8yxhWKQ+bOytGIyCvIO/AAI5xz1Br6H4i8StpaaRZqJZYmKFUt2guUhD8yEu21d4BAGFGHGMY49HDqMnKUJJ3/A4K6nGMY1ItW/Esa19k8K3Udvomq3d1OW+zPBDLEZk2ZZVViFBVdrbsknOwHOcVzx+JOsy6ha3h1OGK4YBJrXzWAttgVXVow213O5nAwDlTtLgCtrwh4VSK/jg8R3STXCWrKLOa6jadZHZXaUFAGXgcHcfvsOB1uadf+EPCN4zW2m3f2lC8VvdMGuGPlswKREsWUD5jjAyBnk9fQ5eZWtc5ea2hzF5rHifWIrK6calLEqQu/2eGa2dOSzoY027ywCgNggD+4GBrjfjd4V1u88IywGKS7vLlfMtrB53kuYIzLFgFOgOQfc7mHOyvStf+KU13G1rBDbabNNbmeJ7l/MByAUQAEYkJycDd93+LPGTpumL4u16ObULzVLJtyRwNcbFctGzO6ArkDDDOCCPlbHQVNSk50nB6ehtSrOnUVW23c8j/Zg8P+Ifh34y1DVNU0WS1s7ixkske+RgkshkQmJQFYs52MNoBPBODivqnR/iVJZ3ejpaaTHaaTdXEVo6ta7CJWJEn3WHl+WQ+SyYbYRkZBrHuNMsFs30e2uJI7kyiRZiXGJyQy5mVcIzcDrnDAAYwC+w8NaXoqveX1h5l3NeL5Nml05iO5FBEjkccqwJA5DBDuBC140sFGlB01qex/aE6tRTemx7vbR/ZkMqJM370z/Z2nfyvMKbC3lhtobaPvAZ5JzyTUiwxXEza3DoEdwtldR2k981vEzwzSbFC9Q5JEq9BwH69ax/B/iOHxXo8t1FbXK6n9vEKSx3KSWkEMTKs8ToHDFziUqQmcGLlfmFdXq0mjaHZvqt/tLK8cUWDtMkmR5Qx93KsxKs3+r3M2QMmvg8RTu5JRtZ9ep9/ha2kXe91pboY8Fr4nbxAty9pdzxid3My3UgiliKMFjELDCFWK/NjkLuLZYqOW+L1rqPie106CfSGljtWa7ivYbQzy20qtG0QDJgojEHdkgHZgsMVNJ8QPGHiLR7C6mP9kaTNdssNpazPC88bKrALiB3kyFdt2YBwOoG5tHR/Dem6pH5keoeHbt7y6DIdQ0u4vZElVXZlZ7m5OJgMkIQGUI2VI6ec4Qi+VbnuLESUVUlG8TM+HWmeJPHmhw6zq89jqGpaY1vDdXsO7zvkCzrLFtUq5lgmTJ3AHnOQSiaHiy10rxTrxXTSLrB3XFlc+ZDbX6RsF5JUqxjd0zjOQoByMY9R8Mx2fhvEVtIz3EjhryecDzJ3IAZjgBM8dFCgDhQowK+cP2rtVm+Ffwx1PxT4RubzTbiZIp9LNyiSxJBNcR+Y0KsCNjbs4b5k3LgKpTPrYbEWly1H6HyeKwafv09pb+R0M2m3kccMt5eRPJZpbyfbprt/Nto0ZS8YDA7kYA5d2BOV3ZwtYni3xFFqOq27xTRXljbFTBJceWLBrgK3mpKWZdx2yIyhN5BRjtJUivlH4F/Efxf8XvFerLreoTanc29rHcxSQWMbSqyzRgYwuACDtOeCGOetfSPiKTxFZatBeyRvNfXKpdyQwRyPbG6KeU0ZQMRGFUL87c5YndgEV9XRpqsk4u1z5XERlQk1LW3Y3fCc6W99aPNp/kSSSKGgNiQsULR7iyzfdVkyY8cnYoTHQ1LbfDZVt8SywxiNFEMlg7K80gLDzX7B2VzlcHhmyx4KweKPFreGWtljtY5nMUlwTJcCMLGm3cQcHJBZeDgc9eldBeXAuYSV3LHPGMq2UcqQONvUHnsP5V6MaCg04s8yVaTvJlXwfq1ja2Jg0meC7jt1KusEok2DJwxK57gEt3yee9dxb6nELeWNXZLaZdwaTCh1JPcY9uOnHrXik1zN4FvZmguEkHkRL5l1CB58amQeWpG1Q4VsljkDeGwo4PV/D3WtSuPFVxbaokn2BvNGI4CI4ZRIvkhJGHzK3JyTzjI29KurG6bNsO0ml/Wx6NZ+LNH0zVLSzvL2aLUblo44VBJUMxZASB9wE/KCcDOcZOBU/iv4vr8O9a0+B9Ok1hvJa7kla68ksudp8oBG8x8gZBxjMYyCeMC+8B6R4g8VRahcwSPboY47q1gcJDcxhmZVlJBKg5IwMbgxGDxj07w/pcepeJhrN0Eu5beTMEygfKd2N8IIOwDDfP97B4x1rzakYQXNLt+J69OVSo+WOmv4FLxp8L9KsfFD+Mdc1b7BplnJbXdxp4tf9IbyyPLjWQyfulbgBGVnYuwVRvBrqfAGl3+m6XezalH5N1fXs1x5JcSPHFxHCkjgnzJfKjj3sDgtuA6CoNLP/Cba3LqE32eXQtJupINNthFz9qiZ457hyRneH3xr14VmJJYbOu9++MZzzXz85yn8R9FCnGmrRMzVYGV0uoyFZSAzE9Dn5WPtzg+ze1XredbqFJFBG7qD1BHUH3FPZVkjKOoZWG0g9x3FZdgxsr17d2JVsDcfUj5W/HHPuKzNDVPv7jnvmseORdIvmWQhLeTjcTwB/D+Ofl45xirk+pL8whxIRw0jNhE9i3c+wzVGSC5vF89RvkQZSSZBwO4jTop6cnJ4oAsTag8mBEpiDfdbaDI4/2V/wDZmrK1zwfJr1hJsvZtKv8AzI54bmHDvHLGrorMTgsCkjo0YIDo7KeDxsaKY2tyfvTA/vJG+8/oxP07dOD6Voe/4/j60DNX4P8AjFvF2hz6XeaY2kahpTPFJYSMQkWzhhE+AZIxuDIwAG0qGAcOo0NavptN1GG2KfO8wkDZygIAPAPUn5cgc/LgZLYHmutafd6Hr1p4v0CP/ioLBCgiVikV6o6W8xVWOxskBsEo21h8pkDekeOodP8A2gvhvqmkaBeW9l4mEdtLNp95cCG5smLJKYbnyt7IGTK7gGUhsruGCdIS5ZI56sOaLtudJ420b7ZG2rHERtSElmQHdt4IlA9UbDDn7pcdTmuK+K/gOD4j/CvVG0W0SDxN5UkaiKQbPPHLLljt+YfcY8coeldD8N7VfhP4B03S/H3ifTRfyXEiwfbr8Mqh5NscKSTYaQ4YDkcFto+UCuatfiNb6fd30egaRq3iSxQx27eXb/ZY3hb/AFE6TXPlpIsZ/ds6F8Axk5pqbhJSi9gcFVhyzW5d/Zw8F+MdH+HP2Pxxc3Ud6lywtIJLqOeSO2CRBFkkRmVzuVyMsTtYd+Bva5Yw+CfFseoxx77C7DNLCSWAAJaQAHgHrIMdSJB3BrVs9N8bX0L27XemeG7NUCxvb7tQuyeDuLOqRxkcjGyQHrkVX1L4PWGvWNsuv69rniC7tU+S5vL5oYi4cyLI9tbiK3kZWxgtGSAoHrSnUdSTb6lU6UaUVFdDM8UaT8KdP8bWvjDV49KbxRaqsdvJEzS3LHBKbLeMkySbScEIWxwOKd438YXd1peqJZ+FNQe1VDE19qs0WnWkrbgo+Zi0wIJ3BhCfunB5GeV8K+MdJ+FXh+50TRND0+zWCZo42sYUhtc5OVGwZcg8gKOjjJHJrF1C71nxZdC71S6mjXOUDYDgEYwij5Ysjg9Xx1IqXJvRstRUdkQaD4l8c6gGtV8R2GiiZi93ZaZamW4SY7sPHPPwY5VAf/UqwcODjgVmT23h74baPqHiHW9TMFtbo097rmt3jSyKrY3ZkckqDgARpgcABego8Z+NPC3gazsdG1VZJL2+mSCLTbGGSe6kSU7WdwgLooOGEj4GUznrWZ4R/Ztk+N6mH4iCLUfBeiagh0TTEklHmxRoNj3CHl5GJJJfIA2qozk1JR5BY/8ACxP26tQbSvB4vvAfwZLFbzXpkMV/rcfcJnmKFuoHJbIzxnH3D8F/gR4Q+AvhG18PeEtLh0+1iQK8qoPMlb+8zdTzzzk56kmu10nRrLQdOhsNPto7SzhXbHDGuFUVeoATFLRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBHNMIImkb7qjJxVWO3a5ZZbgYHVIew9z6mruMjB5FUY/wDQJAh/492OEP8AcPp9KALtZ2ueILLw/Z/aL2XYrHaiLy8jf3VXqT7Cs7VvFTfajpujwDUtU/iCtiKAf3pG7fTqcVxt1puqah4tu9Itr6OLW7fT4r+7167g85LRZZnSOK1hLKu4iCcmRiduEyrh9qgFXxFZ654i0681CSKO1a0t1NrpkjBWmYHgzHoDnJVMYz+IPNeFbePxFZsbZWUO++eTksCrcITjJ4JYkYyewwQMKHxFfePtSuNL8KfEfXdWuF/4/Gl06zjtzCQ22QKbVHcMQ+CjbTsOM4Nc74u8E33hCKR/E/iK7uPDF1Nm8t7OD7DFLLjESS7d0hBZuQpXcSFOQcH2KdN0bSkrN7HoQi4brUk+JnxestLiSLQtuq/aZpEW/muVtbOZ1AV2jkI+dQ2FLxhl3HbuzwOe8W6h4h8M+HZJb/w3pNzBdr5Kxy6nIxu3dT+7KLbMwGxWyMHIUk7eSOg1rwbpvxqku/EFpqc9pp7xPpypbW4Ae0QupVlkXMWxt6gYBHzAqcDbuePtAtLjQRFqMRV7SVRbyRsUdHCH5wRjc21mHORg/MDnB9mn7sYQvr1O2OiUb+p8n+LfC/iTVLe2utK8VNo0Vzpl666fYyBUstsiLJGlxJEHQAlB5bRjy9rBGjG0DsPhd8LdCt9HurWTw8bfSZraBrZdTYS3huFyWm80MzqxQRqpDAqVGAuK7+18H2VzYQ2Utistnan7RBDdAzbXzu8wl8ncSxO7qS3vXQa5ax2Hhi419pVhs4ZGWWaUhUiXk/Mx46fl7cZ9mMYxs299DvUUrGD4L1y4W4fRNYuIbjXk+ZJwgVry13DZOFxtDZGxwvAbBwqyRg+v6Cv2Jbdd6ZmHm5kPG7j5eMnoT+teMrZv4g0q11zQrmzk1S1JuNKu2KvCzA4kiZlB/dybSjYyRkMBuVSPaPhTqK/ES3vdTDNHNZuYZoZm+a3miJV4Wz0wykeh6g4IJ87H/u4vsceJkopp9D1rwvcJp9vBazMzSyYZXYg/JgbRn1/+vXUVxUGuW9r5N0JkCL1j34+U9QMnqGP610Vv4isbiJXW4j+bHAbPXtxXxUuaTvY+eck9RkebHWnTgRXQ3r/vjr+nNUFhazmmhSHmF1nj+bLSDODx9P5VLrGpQT2geISNNERNHtQ5ODis+81A399HL9nNqIgd/nn74HQfnnvR7OT2RLnHuc18aL28uvCtotrd/wBlN/bOlKZWLl2VtRtlMeI1JywOzB4O4AkDJryrxy039pTC6mMO4Eyk5RU+QYXg89FA/DHfOh8WfG2taj4VhUWkKpHq+mSvaxDdtWPULd2lBU8+WB5mcFfl54yD83fET4o6jqfi3V7WwWOzMNybZUcNJeXSi4aGV44z9xlKv8uHB2jIFfXZDTnGs1LTQ/MeNnCWFjKGrbSOn1rUYLcTXEkiwwJuZt5ARF56kmvzMm+P/wAQtS8arp8/ie9nsW1JI/K+X7omBGOOMEAg54Ir7x/4RnxFr90Jnt7m6hS7D29zqgVIDCIsYeAbW3B2fB2ZHyknHBxtP+CelaXr0kN/oVnceZeSyXF9HbQrDsIbYsHPmRFW2jjnhuSNpr7HMsPiMc6cKE3HlvffXbsfk+QY7A5Kq9TGUlUcrW2032v/AMB3K8eo6fDcR2VtFDa2kMrWDRarJLdSRBU34ERfAQvGFyCQWXg5ArpfCset3TW1xdW00AaN3n3lBDtJ/diNAd6kDqGxxndk4I7eLQbTTrGNrAbUjBIXBLgE5ZsnJOTznuc5xT4fKkIdJf3LZ+6QRk8844x0yevA69K+hpR5bSbPg8TiVUvFQ0fVu79f67Hj3iXwLa+KdHudI/tOwuxDZtZtGreS0S9VmkIL7nVhnkBclumTWT4f1uDXL6aPxAlwmoK8kV/dW7SfYb23+ZUWFUY71ZmTqCfvAk5wfbV+FMEljcGPUZXijieC2hdApgVmQ/MeC/zKvUcgANuOSeKgvI9D8RXF/cW82ozR74YZrOEhbqadIz5canOdqW8RLlwvzEE8YXz58rmpw06Nf12PoqMqioyp1NVq01o1fTp309LJ62IvDVta6RfxbLK8hto7ZhHKmkXCm4UlXDOAmQ6hSOmPvYxkLVZdesn12K7W8eRHnOGjMzPIgTBh+zhM5UlT931bqcV6JpcfiPVYbmUXGj6danMkUc1q93Jn5dpch4xyucqMgZBDNgCl1LwTePHCdV1+aURbjNa2ojggf5j1GDIMKccSY+Wq9u4NQ217f8E4/q1Od60nutddbfKNr/geU+JNW8VeIJJ5NFt7ewt9Ln877Uyi5kygdHi2AhWkKMfkDcAAFlYgLJ8JYYdJmvbOaRb6/nlku/7SxEfMdirSxny2YKQ2W2KxARlznBrt9BvNNmtVt9Mi+zQwqvlweUYv3bbtrKCPunB/PnmuJ1rWoNE1G5uxPNppluzaxrLbyS27Rlh5zkj7hLCQ4DLnapI5zU1qUH77ndk0a861OeBp0uRaWa38rvV9W/vO103TdBk0XU57DW7tLSBmnurHT75kWNdrvJgqQyK+CSqsOgIA5zzurz20lg0SaNaWUNn5N7c2txIZo7kSK8asWRSXl3J/dcnC8liCOU0228Qa9HatYfa7nUIbNFiudKhZrdU8uQxiTZzHLuZMkkKFc8BWZT9QWfws8OW+h3itbWul6UT5txOFW3tVAHLrjDMwCj5vlAC59CPxjibA1KlTlpVFyO9118tU9P1P03J8LVrQ5WndW16flrsfP/hfRb/VpRZXEd1dwwytbXMdxIfIkhNvj7P5BYjI3ryAcgZ3EkitOz8688D6HLPqE1pHDc2oN9cu8jyQrcIhkZlUk7ostnvkFuOa9muvhTp+rWc2naGt/pHhzz1e41uVne71RSCJPKLMWWPCoomXqufKGGSQWvE3w3h1bw7faZBtS1ktHt4uGLICMDbyM4Gf+A+h4r8xWXYjCvmmrv1b/wCCfXVsDKLV31WmnQ8C8ZfAe78ReBfEXhdLqx0671G0itFnt4vkkKSK7TOMj526bckjccs/GPL/AILfsZ3Pwp8WSa3qet2WuWzWsls1iLRl6lGDEk4xhf8AGvoqPxMf+ERTUdVZE1Cx/c3sEbB5ILlQA0K7SSdxIKcAkODjkVBcaTefEy3ge3+zLc6f5qTafq901sTK4Vo381Ay7go456yjkMpFfMV6mOy/2mCg/cqX7anbh8ZV5J0I6X6HGahqdjcawDqMNqUhkniaAbhcQRxBj5kiZ+aMleFK4G9SCc1szQ2/ipTcW19fWUsQe2dkh8qTDhWIKyJuBxtYHAwfXpXU3fhWS20iDTtT2agstusL3CvgzMoGWyDw2Rxg8cEdAa4m31caPqEka2l5fR3V41ql00iedLKiEnKfKqqBGwzwMrnHJY/F1KTWsE7x/rZnJKMo6ot6prGnWM1pd2E8a2+kwSQX1jGzSZtyUDOiDO5o3jXPUhWkXBJAODfaSmrzeI7q2uJrtf7RgjeSzkkZltjBA+AmNsgG9nAAZcO33iWQ4viDxfp3hqaO6tNbuQ7x3EVjZW1sLiX7YzlzbvGsZdclSNp5++MqVBrf+Gst3oPhea6vrF1k1fUZZrfT7NkMiJtASJgWCoUSLbjjAVQQDkV6UYSp0Payunsr9dfRbdTps+S7Ox8G6bBHZm9ubXZrbzzFLxxsdVLthmTG1C4CM4UAseTg8D0rw/HcLKBexfZZ5EDo8TYMqkFTtP8ADycEcn1rznWPDsnjHTNHu9NtbO+gkSQm0uy8asWZRkkK2XQowAx1ZsHjmSTxJ4i0jU7W3vtQuJ9O02RUW5NsPLkXyAgcShS7vJMqgpuPJOQF/eV62W1Ixmvbf8Nfr6I78K0pfvEenfD9PsviHxbYymJJlvIbuKGNkDCKaBPnIHzZaaGflsk7eK9EQhlUjvyD3ry6z8QLfW1n4z0a2muTG5stVtGVklEG4lyE4JeKTLgHOYzLtyXXPptrNFc28UsEiTQsu5JI2DKwPQgjsR/nHNfsmCilTTjtv6+Z9pQSUVYmGKazBFyxCqoySTxVaa/RGKRL50qjJAYBV/3m7VTRZdQYNkSgH/Wuv7lT/sr1Y+54r0DoIdQmVriO5gkWCLK/vmH32H3di/xEjIJ4HPWrFlbNeDz9zIjZJdjmZ8dif4foPTrVtLGJVcODM8i7Xkk5JH9PwxVSwla0u3tpGzubGT03YyD/AMCA/wC+gaANCOGOGIxIirH/AHccH6+prOtCdOvmgb/VNgAsfX7p/L5T7ha1dvvVPVrXzofMAy0YPC9SuPmH8iPpQBc21HcW0V1H5c0ayx5BCsMjI6HHt/jUen3X2qDLHdInDEdDxkMPYjB/GrPrQB1XhzQ5NekuL/RNXbw54kby0u7hIFnhvoo0dYxNCxAJXePnQq5EaKWKLtre1j4Z33iCO5XWfE2o6rbXEXkvpaeXaWQyqhziNBKwJDHa8rAbsc9+G0DWJND1OG6Q/Kpw69iPSvcrS8jvbaKeI5jkXctAHBa14K0/wvodidLtbfSLC0iWCaHT4VhigUHckyooABjf5uB91n9cV1Oi68l5pL3F60dpPbEx3iswCxuvU5J+6eGB9CKyvF3xA0nQ4J7dit9PtKvbqw2LnqHY8D6cn2rw6RtX1uWRZ5fs9lGVSJuzRqT5f7s8F1B2+Y46AccUAej+MPjQsTC00BGlkf7t00W4t/1yjOM/7zYX6151Do9xqV1LcXzN5k7bpI42JeUnOTJIOWySfkXA68dc8v8AEr4seB/gJoZ1LxTqqae9x/qbVD519fseAscYO9znA5+Ue2K8p0rQ/jP+2BN5AivvhJ8M5x81nC2Nb1GI8/vpMYt0P90cnnhqAOp+I37Tej+FtcbwZ4E0mT4iePFG0aLo8g+y2XYNdXAO2JV67Qdw77a734e/s9+JvitpOkar8W3tb6/t5lu4rKzLx6bZupynkxAgysO8suQTyK9Y+CP7Mfgr4G+H4NN0LSreFUO9sLu3vj7zseZH/wBps+wFevbfegDzzwro9v8ADvXJdPWPFpdY2XEnzSckBSW9Nx2kDgEocDca8s+FXijWvFf7cPxxtG1a+k8N+F9G0PTYtONy5tFuJ4nuGkWPOzzABgsBnGBX0Jrnh618QW6xXO9QpPzRHa20jDLn0I4P59QKwfBd94I1TXPFN14VbR59ZivRY69c6asZuPtMKgLHcuo3M6K2AHJIBoA7Hb70UtZPirWrjw/4fvtRtNJu9cuLeIyJp9i8KTzkfwoZpI4wf95wKANLHIOf1pTHnua+P/2XfjSugfs62PxI8a2PjW413xJJCqG+1U6l/bl7NNL5UOmWgu5Etxk7Nuy3GAC3yoWX27Sf2hNPmuvEWna74X8QeD9e0TSn1yTR9YW0ee6sVDbpoJLe4mhcBlKFfMDKSu4KGUkA9TKbup/SjZj6fSvMof2hPDs/g34YeJVstT+wfEK5srXSozFH5sL3Ns9xGZx5mFASNgxUtg4xkc1zPiP9rrQdBm8dfZ/B/i/XLPwNdtbeI77TrK38iwRYkmM2ZZ0MyBHLFYRJIoQlkUMhYA9xyF4PNOZd3f3r5/8AFX7R3iHS/j34R8H6F4D1PxN4a1vQbnV01DT5LFZbgI9qElhM17FtiQTkOJEDklSgYBjXUeO/2ibL4c38kmt+D/FFt4VgvoNOufFrQW0en28ssixKWR51uWj8x0XzUgaP5shioJAB6t79f1qSvANW+NHhT4aeMvjlruoX/i6/XwlYaZe6vp00sU1hbRvA7J/Z8W8FWdQTJuxuYDFdV4V/aE03xJ4803wtd+GPEnhq51ixm1PRbzWrWGODVLeIpvaMJK8kTBZY2MdwkUgDcqCCAAeq0UUUAFcF8SPjH4d+F+s+DNK1prpr3xbrCaJpsVrDvJnZWfc/IxGAvLDOCw98d3u/zmvD/EHwP1vxl+1h4Z+I+t3tjJ4R8I6JPBoOmRlzcLqVy22e4kBXaF8kBRgk5weMUAe5UUUUAFFFFABUczOsLmMbpMZCmpKSgCnYIjR+bu8yVuGdhzn09qt7vTmqF4409vtIOFb/AFif3sdx7/zrnbOS5+IFqs/myWHh+ThY4nAuLoA87yP9UvbaPmPOdvSgB3iTx0LW1vP7KWOf7GrNd6hICbW0VQSxYj77AfwL+JFecaP4DFz4PSfULee08VeIbf8AtTUr1tjywzSKrFC5AXZHhYwoA4C8HHPb/Fi1srP4az6Sm6ysr65stHK2sf3UuruG2IwCMAibBOcgEnnofnX4z/GrX9S+Otx8PIrb+wNFii+y3N88jec0Ji80zblyqRsSkfQnDHkElR14ai60+VdjjxVb2MObzN3QvEX/AAmXnaS7paQadM0d2x2yfbJC7ZCoV+c7QQAOCSnG1QK5349eMx8Pfh3o8Yj36lNdxW8drI+12WNXB8yQFggG0rtOcNgAcsB1txpK+CpoPEGhwPHFZwtDdW2nx4EkGDkK0jHLAYwOOR65z4X8NfHmnfHDxJqx1awsYLOC3WK0tLuU3cIE0sjSB94GZAAOOAc5IXpXt0eXm7RieHWUuTvKVy/4K1Bbz4M6lrqaZcXbeVNd/Y7dQzS3Me8IikfOyKU49QxOAGOfDrjXNT8UeHdVljhjmuvtUbRyWPytNGCm9Y97EZG7k5we2Dnb9Sazqmk+FdImstHf7RLGDZwbRuIIVoywxwM9sBcgdfmNeXWvh+W+1Bbc/PdRqxZgchyueAeSCAOOQeQBjpXs4WpzSlI8XFUlGMY9TjPhL4Hl0G+sNW1Ge6S5/eXUcE7JuiVpHw+4feYgHuR8x9Aa9l8JrJeahMqEOwwgIH3cjnnHIxkYrP8AhzY22taD4ge9E4j021WESRwb2QjewJCjpgehPFZ/w71429rNHdCK3u/3N1ut381DDKJNh3bQMgxnI6DepBbnHHiqilKUFvoXRpuKjN7anrvidP7R0Sx8MPPIjeKL5NOdo1DDyQjyT9WG0NDFMuRgjIIB4z9GeH2mtWgt0CeU+XZSMH0I/A5496+ePhzIdQ8aaB9qkVNPSw1C4EMjIjSXAMKo4LEYKrJIucg4fHPJHttvrFzNDHNFar50bb97TLjhfm9TyMH096+SqR/eM+xw0l7NM9ErKuv9B1aG4yRFP+6k/wB4D5T/AEqCw1LU7yzjlNtbjco/5bZ59Thfr+lRatLcTWzwT3NjbMwyMuQQRyD/AJ9az5Tr50NvFNvfTQGZwJQskI2ZCODnGB1/D1rifiWrLrfgPUL1pDFa662+XeIFhElldw7jj5iMyKMEjnB7Vcl8XQXWobJbyTU5Ez5cFlA5OenGACefXjmvK/GHgzXde1TwfY3El5Bc32shrea+KhmWGCWdt6hy6r+628DG5lGOc0coc4z4iatpmm6msUM32mMOWLrGB34AcnOBx1Pcnnv89eMviZpMSlhew3M07eXFHbSB3kYnYo6/3vlycDIxV749fDHxx4k+IclqksE2l3VqYYGivmt4bfKICxXlmkD+YckY2uPnAUgcsnwP86W4+334KSqkMsFnAtvE6ISYx8+8hhublSCFUYxtBr6TCwjyJtnx+Mk/aNJHwT4Z+Bvifw/4+tZJ5NPiutLu4ruW2NxvfaGEmEUD5ztHRea+nbiPxR4iYK8c8tlHJGkZm32gdchn85BjOQ6gYXnYOP73oHiT4c6VpOvRT2TyW9t50c9xD5okEk0bDY+9vmySgB5YMFB4JauijtXm024uJbbZHboTLJsJMf3j8w2k44bp9MjpXtYTDU8PFuHXueVjMZUxUkp207fI8u0v4fSabNA91eKo89rj7LDhhG7Kyqof+4oONpHBGOF+UZN4dJbULgzWHkossoW8t5W81XjV2kYKACoIRuQfmyu4YavRPCGsN4saRLW1uLeaBI2H2rbiRXJ6BWPJCng9BjPWu30/Q7COK8uH0yCS9kMcLTsiebgL9zJAPbBJyRx2OK9GVRRVkedGm5O7PDvCPhfT7i7ngVZ9Nit3iuWtd6OrMSRG2QN2SY+QTjK9cHJ9F03wDY2+pT3cVv5k3fMrKAzYZmjXdtDEE5IHOT68rf6LZ+FdJv7yxgit7G33Sv5MO3cApbnAwx2gZ98e9dL8N9WtNat7nfZTtcQybXhdS5VmVQrYUkbeg4I5PtXPVrOEXJHTRpupJI526+HvlXhuJvtFssk0cr2rFRHJIhXa+SCc/Kv3WAO0cdct1jSoNY0+6sXZv3y7fMZNxVj0O08HBGeQeQM8HB9V1azi+zqDbyxRMu0PIdu4dSc9+jdR/KvPNJW41q4MEqwKZoXlmjjgeNrSQFQImJbDHDNyFHEecHcMedHEp/FodksNJOyOZ+Ft7rGh+KpdPlUx21zhriEqfJQxRkebCcBMN+6GOWI5IUqRW38SvHbat4V0wi18m4WSLV7KCN2kku7aMYmRtoxG3lytjJKnIyV+YrxfjTwvr1n4uMQ0n+1IbieB4ElthIsvlEMIUdWyjM4IwUIAZn5AIrvrX4C3tvGtlqKWdheauWmg8NWsf2u61GUeawkt03KVREcBd5QEKpbYOH8PHRpSbk2e9gJV6dkkWPC91q3xC8GNr7tPrlm1klzYtuVZDdBJFcReQA2B90qcHnbgncK6f4frqkml3On5lGgR3y3MSwQtHaTSBIyW3yb5GIZct85DNz97Net/D39ncWelWkrpqGjX6CTz7XTNTZ4EQszGJySIn2K4RSqDhAM4UCuy1L4T332GJdN8a60ABvAaHT2XBAymPs/QYPQhuSN3Ar5b6tHmUpO59xUxsqkHBxSbt8u/3nnEMe6ZWeRFVgV3TqwC5Ax83TByPcevQVBf/Dzw34k8MXGm63pMd/p8ahFtL+VruJY1OQESRjtVSAdoAA2jjgY3PEmi654Zhv7nULC11/T9sjxjR1FtdxqW4BSWQxzYUliwdGOMKjMar6brF5q2i3FxokMeqXtvG7RLLBJHLkIDteFwsgbBU+W4Vjkcc5oqUpRtOCvY5FOMvdloeG6z4P8AAfwgl8yz0bTdMkvAYorjSdPXzpVBViGWIFvlO08jB3AdxXA6hZ6xp19f66swv9PEUl4rQ3bGOaBoy0caxgELtypJA6JnOWIr6N134aWnilbg6/Z6jdaZbyn7HftHNplyiuieYCj4+XdkH5V+6uCCN1c/rXg+LSdHjNkhtYbVVga2JAG3oGiIJ3rxg9gQK+pwOJjyJ63Z8rjsJPnaeyPHvDeqp4p0+c3cNrex29yoWaOMPAzBQ29Qd21huZeCfrzgSWHxE/tjUv7OnjVPN8wW0jzBnJjbYQyFQQTgev3SDjisvxgvirRdYmukinTTJLh0kmiiSaCOLbxtQN5gcMyA5GPmY/d244fUtXTxA0F3IlrYS6jalJL2SHdGYQpxMDlTGT+74Ykncg3Erx9NT95KUT5eacG4voep+KNN/taxiQTpDsZZ18xAYywY4DJlcgYz1BBAPUDKadqMHgjR7exnWWa3mlmZjbW7MWAYliqDOAvmgADJwy+mKwp9VvbrQdEuYPMRrhmWWS3gacpkHBRcHAYjgnOAecE5Xso9Lh8W6LpH9rWzW940KqyQSSRyLIwAljXD5+YjJU5A28crzrKGnKkRCbvzNnoWj3Fmv2G3g1W2vhfAGHMys8AKkByOMggja7ZPOM9M+q+H4fL08hY2RfOCKMcgAYVfYYxjrgHGT1r5J1nQ7rwrf3PiWwMU1xLcPIlkbRnWMSq6O5COrMqliVUKMBQTwhFfQvwn8bvqOi6baeImg0vxFMzf6DKvlSSRqz7WWNvmAKKW78PwT2+dx1CVKKa2PqMvrwqSs9zrPhhG0fgfTontktZovNSaKIkqJBM4cjknBbcc55zXUbuv5VxXg24tPDuueJPDzN5cdvcDVYmkKlWS6d2YjAzn7RHPkf7Q9RXR3F/I7KqB4Qw+UKMzP9B/CPc180fTFy4ukt2CHc8p6RoMsfw7D3OKyL4tfMZWh88w9Yoj8ijg/M38RGAcD86u2+mllPnDy426xIcl/wDfbqw9uKvoojUKqhUXgKowAPTH0oAz9LiS4jWSXEkyHZtwNi+6jpg8YPU5rR3HOcmslf8AiV32DnyGH5Jnj/vk/owrW2/n/n+lAGVMp0vUPNH+ocEkD0zkj8D8303VrenORxz9RUF5bm6tyi8PkMhPZgf8OKr6Tc7ovJbgxj5Q3XbnBH/ATkfl60AXv5/Suo8J6T4d8WTLp/iHRNN1eWONkt5L+0jmZEb7yAuCQD6CuX9ams7iSzuY54WKyI25WHrQB63pvwv8KaHCsekeHdJ0YLnB02xityMnJAKqMZPPvT/Fmhi50qOWCEXE9kp2wsc+dERiSIn0Zc/QhT2qex8XWEmgxaldXMdtGRh9x53egHc/SuB8TfFy4upHtNFheHt5rAGX2OOiD3bk+lAGzZfEbTfD+kfZ7+5a5uYo1e22DMl1bkZjk5xjH3WLEAMhzXnfiLx5rPjrfHAVt9NORsRj5OP9phzK3sMJ9axofD8ayXVxezGZJHN08Mj4hQnJZmJ+8Afm+b5Qe1eLeK/2pJfEviOXwZ8FNBPxI8Xg+VJqEe7+x9PbPWSVf9aQOdqdgeeKAPWfE3iLwz8LNBn8R+KNYtdKsLdNrahqEgXGOkcajuegVBk9Oc8+UaL4m+LP7VlwbP4X6bc/DrwG5CzeNNYh2ahcx5wwtoj/AKkEdHbLYIIGK9B+Ef7Cc2qeIrbx18ctck+IPjBMPb2MgCafp3cLDCvyjbwMgZzznmvr6z0+DT7aO2tYo7a3jXYkMKhVUewHSgDy34H/ALNfhf4I6Hb21obnWdUXLTatqkhmuJnOcuzMSSTnqSSBwMAYro9Xx4N1w6muRYXPMy9hjJYD36uP+BgdRXb1FNbJMoV1VwCG+ZQeQcg8+9AEiSCRQy8qelOpMUtABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRUNxcpa28kz52RqXbaCTgdcCgBZLhIdu9lQM20bjjJPQD3NU9Uj8yMiT/UMCCQOV9z6iuJt47bxwPt2vM0VrPGWsIImIWOM8rLuB++RggdiPXgaXhHxNMLkaHq8hOoBS1rdOu1b6Ifxf74H3l/H1wAR+D5F8J3n/CO3aKqyM0lled7juUkPeRfX+NRnqCKi16OLTfifo8l1Oo0/wAQ6dPo8trMCyz3EWZ4VHYHyvtxb1Cj+7Vnx4dKstIaLU5WjhYg2vkn9+soOVEeOc55B7HisHxPearJ8L7LxDfxWseraHcQ6q0k7xxhYYZR9oYs2FjZ7YzKTnC7z0HFAGRpvwW0n4e3F03h+8vDdyIqFr6cP5MA3bYwQA2M9WOWORlj2zfGXh6x1zwxd6ZrHm2ss5VopoJBvSZHV1ZdysOqr1GDzwQa9H8cWmo2Ol393pCxPqHkTNarN903BU7Ff1Utxj3rwTwbc+M9Qk1G48TW95NaHCW02oQxQSxSDf5qBI1UMg+QhiCT8x3MNtezh5yq+9OW33/I76bc7OT2Pnj9pX47eI/2NPCeinSNNs/ER1m9uA15qpbeTswT+72gMMbRgDAAwOlN/ZV/aV1r9p/T/EWp6/pWnaYdFmhigt7Etsk8wOzM249RtHQ8/hXpP7Unwu8DfGDTNEg+If8AbAS1eS5tLfTEfzG4UO22NHYKARnjAyMY3V5D8G/BvhP4L6DqWm+GodV0mPxJElxDqlzcC6WJMGOOR0XGwgzLkcqAclsK5X06FOtPEKq/hOunGpKrzdD6Q1S4GleEdZ1AQee9rZNcpGsh3SSIm7aDjgnA456jFYvhW4f4oeBbnSZ54Y4rG7tydXsZN8THzRMCA2QNjKA68hgVIKltqYXhO+tfCNprFzq09u9vI6W6Wthcy37C4XzC5UFNzMwZGIC5+VmIyc0aT8eP7Wt9T0zQrK8ttSlt5V06afywrTbXwGUudhJjk4cAqUYOEP3vSrRlZ23ujqq+7Hmvp3NfxR4Zj+GunRXE1+999puizOYzuklZc4jjQk/dTooONuc9TXWeF9WtfBeqaDqdpJpsGneJogmoyo8RlmnMW+1uIyR8wMatEdm4nMJBwprhbXRfE/jiwil1m41ZrexnDWN7JFBHdBTEQ25dm1ly7YJQk4J6BWN6PwTbXeqaF4Xsp31C2spory7dZgqQmPcUR5eSZZJMHZx8hYkKGQNniP3tCNOq9j5HG4lRbjRd317fI9vbxxY6bcwwR2rxQtKEmSdFWfa3UiMDJ7HJ2jHIzXU6X4u1a43WdhpxnaE7BLPhFOOhwdvX1+nrXn+kxWegkrDax713O2fLd2XGG+bGH+YjHPAJyCea6GfVHj2zNJHFIgEeHRVIbAIIBwpJXPJA+nr4s8PCGyv6/wDAPNhXlNaux1sEPiq/ilN/qNlp0XQ+QN59sE4wffJrEt/C9jNCWv3l1RonBZZZtwIyTxhh3J65/pVeC8uNSmjVrl1hwVAdwNwPooB69sD/ABr5k/a8/bd079kzXPD+m23hFfGcms2k0zz/ANqG3SHDgbQBG+7Ochsj0rjlKdO/2V5I64RhO3V+bPrnxRb+GG8J6tpV1aQQ6bqFq9pdR26NGzwum1huUBgdrHBByDjBzXy99t/sXxzPYavBDc3stuptNckVPP1NVjbInOwYlRQSUxtKjK4wVTgvgp+1RB+0T4VXWL68uvh3NLqktjaWum20FzAyhIyomnnhkDMWJwAI+oHzsVAm1rWJvHWsalBp1xdaiuyS/wBMbWYoLb54plKyw3FvhkO2TH7yNiwZQ25d617+V0ZwXtOV6o/PuJcXRqtYb2iVntfW/wDwDodP8SWl54uu9K0pZpZIjMkU6xHyZvLJjdlY9QDkDONwOQWGTXGah4mks9f1O2vntLOwtJpkuZJGKyWkabtk0rH/AJZyYULkD/WJywIrt/h14X1IjUvEum3OlzapdyShH1CzkuXgImP2iN4EvPKDl/Ly8ZUZ3fL0xu+Ifh3aNqOjS61c/wDCQHVJpYL8atdI4cLbu6wx24x5avJGsjCMLuEe1iUZhX0NTNKtH4I66L+vxPz6hw5hcXd1Kllq9NdP6seS3HxL0LxNop0vTYzN/a1u8CXkt3BbDPzo2xJJVdjlGyuzGOO4pND/ALV8HaXeHUbLTfD8d1Is8k2sTQw21umwLlEikk8xsryjSR8kDsSe5+DujXnhnUbmz8WW66baNZJPD/aRikhWTJWQRxxt0IKYHY4wvWpfEtv4N8JbL7Q9K0i0+yytOs1np8QUOeCQyp94525GckLgkYFbxr1Klb2fPr36HDLB0MNhvbypWXa12136fkzy3WbjU2ku4r64VtHmnf7Lb61drZpPGCQxCQpvK/KhzK77l6rggl3irybiSxtZ9HurLyLNrdYbK1+1WpUyW8hYBAGZB9nKNHsDlXDIhCtXTPZz/EqaS80gX8U9n5lvIY7blN4jYhxIvBwEYN2yDyOKfqFxbT28Hg+aWLSpYFjWFo22z28i7WikRz92VNodSDu+TPY16FWD5WoO8jw6NdRqQdSDUXtZNW6em39I0/h7otvpugySK9s8Mly7KlrMRBCwAyka8cDqcgHcW4BNdBfaeXu/ImULuYxvGqZyvGTzz3Pb19a4/SfDX9n3z6jrWqx/D+/8xLVfEytCkF/ksYyS4KeYVQhhIqlScKSrAnpxYyWfjlPD2rsdT+0IrQazA7mC9Iw0gAOTG+AxCbmDKchiQyr5UcYnVcH0PYrZW/q6rX0e33X36/0zn/D3hvTvD6XJtvtDBYiuXleXCJu2xrnOFDHr9O4GPk7wD+2F4d8dfF7w/YXHw1MV7q2pWunNcR62yKQ0qqhdREC21iD1GQADkV9oaHa6R4k8Sanounzx3gUNHvV9xIyoLKTwy5JGeeR614/8Hf8AgnD4K0fxh4f8TW/iTXn1HTdYF1FbyeSYt0EodQw2bvm2gY9SBXlZzXrxlH2LsrXZ9JwjhMDUp1fr0bzvo9f67H1x9l03wLotzqWrC3e2tR5lvawxMbYylsgJEoDTSMzYwc5c467c6Wn+FbnxDINU8ZW1re2YkWXT9CmVDCm0HEs5I+eXnJjH7mMqmDIyrKZbXTLnxR8QHi+1bNM0L/RkhUH/AJCLxwzbiW6pFEyAccPM/GUWvQLjS3t/NlJ3q22MtISdh6BTk5BGTjnHQ9a+DqSc5czZ+xYPCqlBKKtYy/OF3F5W15HD+X5u3JIBwFAHYcdM++ectn8IXuuWswfz7fI2Fo3QSIcZ4BHHbrmuj0uNre2/tC2ETwICsasAFKr3T/aODVGS4vbyee/jSaOH+IKfu8YyffFYcqZ6fsYvc8e8R/BX7Rf3F3pz2ttJdwmDUnvLZ5k1BMMoNxAsqBnAYgSxuj4wCWUACKf4M+H/AAxoU/2/xZLp2kSqGNrosTRfapmRVZxJNJNPu3L8gWRdo2rk9T7xeX1tqVnCkKLAYlyjSj0/gUfxZrgtU+G0n9rT6rdyGSNjiGOQ7ngU87MYwi5J6cnpkDg+fWwcKnvNXE8NTX2UfOt18H7Jvs8sWktY2tuwxc+c/wBr4bO6WTcW6/eRjz1YHJJ4O48G21vrz6Nrz27eIPmktdZ8vyLm6hACndLEF+dcgMFIBV1KjG8L9hfZ2t1lgki82LB2gIMBQP7vTp35zzkHpXlPxE8I2+oRwxzSy6f5e5rPUrbYz277SFYFwVBGSCG6xsQdwB3fCZplsaUXODtF/h/wDwsVhYx16HyLrXh+58rTLTUL+TRtV0lIRYzRMq3fmSOEmk273FxmPf8ANtw29sKT0y9L8VWw1NtEfxhqGrWdsZZ7eN4Y0zIC3zvKBEyli8yn96gJXdkK4A7D4n+DfFPjbVNU8M2c+j3MLRrba9dLK8YVowCIkRkfy5HByPnkwFBO0kb4/DPlWeiWxtFisGhgaa1j0plkxHcy5EJVkCowO0J2+U54DA/J1G8NDlm1J3emm3fa+r6fM8eX7pWvc7bwp8SLZ/C+n2kFiianA4tBZrIFUELIQ43Dekf7lwdy7gysMEYZtXxZ4ltNQ8KaVmBIoNQnIla8laBI2jZW2b0YEPuTapVsHYxzhQG4Lwzb2Gq/FhtJNlI9rb+H1guLG8RZI0lR4QpByVfdGIxyoP7r1yB2P9q3nh3xtZeXfR2NiblUsxJcRQWiQBEDoYiykvu3EMqnB8sbgMrWLgvaLk05ki/tLl62JvEXjC9+Gvhmw8S6Zb3Xh/wyumw38++Np4PtDu0ksVzNIpcAB4xkbSRu2Z4A0fg9+0R8P/FvjGbwL4Q8QxapZyRteaVa2wdHRcu89vl0GxEADLgn5G2DAQA9Z8evhTqPjz4H+MfDOlzQz+JdQs1htw8ojgkYuCQZD93+LHIUn+92+M/2a/2Nviv8F/idF4w1SwtoYNLtZJglnfKZZXxuSAjBIEpRoSccb/XGf13KIxp07Tnd9ui8kj67BpRja+vY/RqHTU2jz9jqvIhQYjX39z7mruf8Kq6XqltrmlWWpWUgmsryGO4hk7NG4BVsehBFWa+iPRF9Koatbh4/OGQUADleu3OQfqpANX/6Uu0YxjIxg0AQWVwbmDc2BIp2yY7EH/Dmp/8AP+fwrIib+y77YxxDwuT/AHScIT9D8p9RitWWRIE3SMI16kscflnr+FAGT/yCr8HlYHA6dAmf/ZT/AOOtWx6/5zWTqd19otWaCLeUO9JJT5cR9Rk9Qefzqtp0l3eW6hxPKqnClR5S7QBjLH5j1oA15ryKFtmfMlbpFH8zH8O344qzH4u1iTTTplvNstwTlIWwAD2eT/2Vfzqhb6SzYjdtqsf9RbKVVvYnlmrh/En7Q3w+8Ga7qXhx9S/trxPp+nT6j/wjeiATXMixLuaMY+USYyQhO7Ck4oA7K9ew0DTZ9W1e9t7SztE82a8unWG3t1xknJO1R9Tn0zXzvrH7TXiv4zatN4c+AOhf2pGr+VdeO9YhePT7Zuh8hCMzPwcZHJxhTmtTQ/2VfEH7VvjH/hJfiH4putU8Cq6Xmj+E4onsLe3gkAeI3UeQzygZBHdlPzKMCvuPwD8LvD/w30i00/RbCC1itkEcQiiVFjGMEIoGEB9uvcmgD5q+An7BuleFtcXxn48v7rxp44nxJNrWsYkmB9IkOVhXnoMsP9mvrmw0y10u1W3tIEghXoqD8Mn1Pv1qxtz15p1ACYpaKKACvm39jfwVr3hXVPj1e+INIvNIk1n4m6te2H2yJkN1ZbYRDPGT96NsNtI44PJr6Srzf4H/ABq0r47eHta1jSLG8sbXTNbvNDcXgTMslu4RpFCk/KSeM4PXIoA9IqpqULT6fcxx8u8TKvbkqcVDb+IdMvNYvdIg1C0n1WxjimurGOdWnt45N3lvIgO5FbY+CQM7GxnFXt3zY7ev40AfI3hn4D+OfD/7MfwNtP7ESXxt8O9RttYuPD8l5Apuggnjmt0myYvMMc7FGZwm4Ll1yWHXyfDnxP8AGn4q6h4u17w3eeAdJtfCd94YsLPVLm0uL65kvGieW4cWss0aRoI1VR5pZmLkqoA3fROMn0547UnY8fhQB8eeGfh98U77wj+z34PvPh5Jo1p8OtX05tY1W71izdLqO2tJrYTWaRSOzxkMGbzRE670Co/zFe+0n4VeKbXwf+0lYy6XsuvF2q6ldaJGbiE/ao5dKtoI2zuwm6SN1w+0jbk4GCfobPPPX1oOOT2oA+aLX4f+NPA/ir4G+J4PCV54iTw/4Pm8M6xp2mXlolzZzSpZMJczzRxyIrWrq2xy3IKhhXmvxp+C/wAWPiJpvxB0i/8ADfibxFr17roudG1a38Y/YfDyaSk8LwQiwW7UPOqKQwmtipfLGU/Ka+0tC17S/FGk2mq6NqNrq+mXS+Zb31jOk0Eq9NyOpII68g+tXzgD1HXjvQB8k/GD4F+OfFH/AA1IdL0P7X/wmuiaVZ6D/pcCfbJYraRJV+aQeXhiozJtBzkE16z478B65rXxy+DXiGzsfO0jw9Hqy6lcedGPIM9okcXyswZssCPlBx1OBXpt94j0jTdW03S7zVLO01PUjItjZzzok11sXdIIkJy+1eTtBwOTxWgfQE9eeKAJKKbu606gDwD9uj4la78K/wBmbxTq/hW9k0/xTcSWenaXcR43JPPdRRbhkHkKzn8K9x0eyn0/SrO2urt765hhSOW6kVQ8zBQGchQACxGTgAc1z/xE8L+EfGGm6dpvjK20+7sW1GCWzt9QkCK94jbodgyNz5GQBknHSutoAWiiigAooooAbu/OsLX/ABlaaC4iMM97cBfNlhtVDtDCDgyvzwvp3PYcHGvdeb9nl+z7PO2nZ5n3d3bNcB4T1R9JhuYLiHzNVVi+pRy4MzSHgMW7xnPydscdqAO03xapaxXlnItxFImVKnKyof6+hrkpZH8E6hLqVsry6JcEve26LzC3eZV7EcbwOoGetUbHUJPh/dJKWSbw5eEyyRRZY6e5OSwH/PM55HY8+1XPEHi9dRmktPDvl3RY7Z9RI320J6/Lj/WSAdhx6ntQBf8AihHd6l8N9XudESG+1C3gXUbCNhG6TzQss8S5f5RueNQGP3cg5GAadrk1n4ktbaa3mEtu4/dTLIojnV1HQk4IwQwJyDgYBzV3wPaW2m+H4LG2kkkFuWDmY5YkknPsOTgDgYwOlcf4B0U6b4GfSIbJ7BvDt3NpUNqS237LBKTZkkj5gbbyDkf3iM8VUdHdEySaszhNW1zw94ev73SdE1qCTXoYikukWc2+e3VSWDlQd6IfQgqA3KnIA+AP+Cjfwx13ULHwg+gaPf6ldS3d9Nc2unWbTeTgJ8waIFSu0A+vtX2zd/s0aVH8RtW8YwaxqTSXM8l3FaCRUMc0hczuWxlkwWO0gAbzz93bz/xM0vxB4T8B3/iCxj/tSWGNY44PsYkDRNKD5ojUb22qSx2/3W+Y4zXtxjTqQ5FLV2/r0PElKpSnzuOiufFf7Dfh/WfCfgvxRBrekX2nXMl5G8cV7C0LSI0WMBXALA+w6jJPFfQ3gfxtod14nbTo5rieZWkHlSJII5lwqSCM4A3KM5A/u5AYKxrwnXPHviyw1gG6e+0VtRlaSGK0tmNuLZhKuFhO9hkxyYzyAeu04Ox4O+Iukx699v0/wzdyeIJLaYKkBlkQ3wUyzRrFyFztZcZZjhv7xJ96lQ9jR5b30Pn6tb29fn21Pa/gn4F17T/FOu3uqakn9m364ntvtEpWd2kDxytFtCqUUkDbnG7bwOvdeOL7wbZeEr+DQv7KOp2swgnh01402Sb1QzShVyEU5Z2IyMHnJNeBfBrxd8RPiN8QHtNFkbUNOV1W4uLGMRWkMbEGQkuTlz93G9iQDtClWJ+p/D/wMn0O8tZdSvLm2is4XtbASKrGJJDGxVmUfMQY0AJAO3lixyx+YzDEVIYnRXt/l8z6bAYWlUwju7X/AM/kcJo/jeXS/CGnatb2cGs3nhy/80PHOyRXEPl+XO8O1jlhHJJ8hDDfFtJJwV9j07xZqviSa0msLrzFQiTDiK3UgDdwCzGQbc8sQCMGrPh/wykjyQCzhuZyNvmMSr/d4JH3vUDn72PSsHwFo/8AwjC33haA3MEWiyqllHeSlme3YB0CHYAFjHmQhSXOIAc5Irh9opO51xoumuVao9Hsre9vJpLG/vGSJW+RbTqUzjkg7f8Avpe5q9b6R4Y0tZPNVr6fJZEnlWQqMHACj5Oo4479+lcvIZ1kMYhZ1VvLQyRA7kIBj5H3jxjByOenar9sqPi8M6tyEZEPEfHI3ADHOOpGcd85oLjJbM3NNvI4InhtbOWMqwaJFQZOMA/dXnpnj3GK4/RfHMvi3WtS8V28S3+jLALPRZFiILwj5riVZGIP71wFwDtKW6OpO7j86P8Agq9rniu3+L3hK20OXWLK0bw+PNisJ5gk2Z5QHZVOOcEc9hitn9kf4weO/BPwD0ezmW6kDahM1t/aUM0jXU24jyPNOfKVUQMDjgFmIZVK0U488uUdSoqcOZn2T4omvbjXLeTygs8pZtoIIQlvmXbk5wA3cDLHpwK8Y1GLxP4n+KQ0WGzuI9IxHmW3snaMwi2LCUTEhATKSpGcYJGM4Y3rHxd4s8QeKtG1aVLiDQ77bcxp5cYto7ZoCyBWA8zzFkwrE5Od33l8tq9Q8NTz2cDXVsFhmuNixrGuSGChARlST1U8HA3d+K9ym5U1dI+aqctWWp5Xr37Ouq6r4486DUIYtPiaEia4aUTxL5SloVTbtdWYHJyuPNB2kgZzfD+oxa9qMvheza3uNbtWaGZI1y8CxEqckHATfty2eG4OMnP0dpPnf2Z+7tryacsY3ljuiqlQV4wuMjJ6g7cHrxkeK6f8JoPhr44TxEsGpak+qRTqltLs2RTvNvcAFR8rBOAS2MYzXVRxTtJTdzKrhY3Thpfcz9M8FaX8P2QWNrb2lxPuhnlT93828hQB8pVAcpt5HsCMDivitr0mi6hBcWsUIN5N5ZW6m2IuI2YZbad3+rPQc8enPpnxI1/Xp9Fv0/sq2tpljdo7JZgXc4XYoAJ25+Tk9iOSenmvwt8NX/jCPU59cnFpZ2cCyi6uLLyMqPMZwI52HCFAC3O0tg8qc91Kpo6kjz61L3vZx6mz4JaPWPBomuIorW1v7YRzCdt5eORTujwR8ykHnj5hwOCc9J4K8N6TocLQWS+SJm8wPPcFEztwXZmJJOAOSTwoGBkV5zrs0um/ELSdDsIxqNvefZWhglYpJc+c5XbGRwSMZzyM9do+avc/DXhHQTun1NFuFSZIS/BXc2M7FJ5IIAHPY8Ac1y4qbsdGHgua1jC1ybTv7SH2d1u44gFLIzMMAEYOec/hjrzzXM+KJHj8OeJ5IEnZ/sFwS8e7O4I2Gz1BywGeOvHXJ9T8cSW8PiCyM0CW8EcKlbaBUbC7ypyVGGPy4wM8/jjiPA/jC78ZfFia3vbJLOzO9jbRllltjEFRfOP3cy/fB4wcAFwxYee2+RPyO+0VU07n5mfs0618QNT+PPga0i1PWXln1SJI1vJp2gLchd4zyucZ9ga/avwX8NrXwbay30s63ur6hEsF9rV4Ea4lwxbDOBxHuLbY1yAuOp+Y8R8HIZ9W8daynnb7Gziit1tGJXZK0l1JK2CuCrrHAOCceXgjkZ9+XTI42kSM7oo1Bu1QBTJz98AdCMfoRXhy00Z9LC0tbEUNxO9qscS48hcNHB+7WJB1LHjdxjpUNnYXOpMsBwy58wRsflQE/eb9OMd6v31vBGg+bMruipg8SKerD2xinW81qumSzYdLzcz7grccgAZ6EYxxWZsVW0uy3XFrdTxhs8o8KtG6464IPH+ea4vxB8GbKS+j1zTWuPDniBoTDBq2klEcLkEKyurIw+UfLIrIcnj5iT21no1xq1rNffaN824nB7kdfp/npVkXVzqkLRXIEqRphmDBUVscMx7468UAeMeIvjFr/hndpGqeH7PxTItswm1HSFYfZXXduElsQXXjgCJ5WckjaBxXLab4TsfHGntrum6hDf3COT8mUVGB+aJkOPL6kFXG8HkgdK97uvCdgfPuoYWe7lHmSMylVkUDazIOmcHr1PWuB8QfDV9W1hda0O4i0zxHHAyRXkhxHN1YJcAf6yLd1HBBLFSrDNXGTi00TKCmrHhuveFxLGba4haaKMyeTucI5T7skLNnh09v7pUEgCvljxn4ZtfBOpajpNnE1whW1CyuI0eTcQVHlAKsn90sWTOH+7tNfbmrI+veHotfGnNbXXzLeaTc7ZXhlQGOVQ3KnaU27gcYCkE7VFeB+M7fSvFkzxXEEsxXb5NxlvOjJRgSjrhlY4UHBywH4V9dl9R1NU9z4vMKfs3ytHlNh4hXw/odvHA1vP8AaWuJj5ztbQwtGwEiAEN3BJ9drN6iut8Sanql3otg2lfalWYKZIY3jE/lFGbbkn5SCRnkHAxXEy+G9S8M+Hblrggxx+QgVJmuQ8vm4Z0Ljgtu+X/awTiuz+H99JrNncrPI0kkUxgSKbb53lgIwDAZyw6g/wB0qcmvoklbU+e1voSSW+qeL7jwzokOu2qeIIxsnheeS1BlOwq4kQH51+ZtigcbnUKFBM37TEGoeBPh/dfESLVF1HXdFjsECXMReK5kjnQCYMGXZ87OdqjgqD8uecLWLy08P+OLDUZrOSVWk+0ywpOI1nkA8v8AdqUYu+QCRnbuK4A3bq+nvG3gHw54u8H3fhnxPpI1zwvqQFwfs7ukqbSrx4IIIGVXgsOBjGRXhY1yty03qe/gVG/NUWh8ofsq/tg+Nfjh8YlTxQNOs7C0smidtOglB/0i5t4U+RpGXIkaMBiPlVpOeTX39BbR2o/djDMcs7HLN7k18r+BfhP8Hvh34i8RaB4T0mbw/wCMr7TpLAXF2bieHLRrMF/elkDKVjkX+9tK53bQ3094f1I65oOm6iRGjXlrHcFYZBIg3oGwHHDAZ+8OD1HFfHVacqT5Zf8ADn2dKrCquaH/AAxe9KKKXHWsjUrX1ubm3+QZkT5lB78YIPsRn86j0u482ERk5KYwW6smPlJ9+CD7ir3esi7H9n3YnHEbFn9Bn+NR9QMj3B/EA18dqyr6N7O8S5iXcWbp6tjkf8CA/wC+gPWrP9qxSRhoA1wpGQ68Jz0+Y4H5ZqlcSTapE8Ss5Vsc2oxjHcyNwefQGgDSkvYI4klaVVSRdyFv4hjjHrVWfUHUAqnkhvuvcDBPsqdSag0vRpbVTvlSLe27EIy3Tn525P0qh4y8beFPhTocuu+KNZsvD+ngHN1fSnfLxnag5aQn+6uTQBrQ2lxcHMjyRKefmOZDxn6J+HNec/GD9ozwP8CY49P1CeTVfEs4xZ+F9GQT39wxGQGUZ2A+r8+xrlfAf7Q3xA+Pmq61B8JfAN5b+GY9OnFn4z1uDA+2bcwuluTzGcEcnOCT1GD7x+zt+yT4b8AX95418Q+GtO/4WBq8our+5RmmRZWRTJ5YfOxfM3EKOFG3HPNAHgXhf9nz4wftgNHffFC7f4b/AA2lO+LwdpExWe8Q8j7VKCC5I7DAw3qMV9s/C74PeEfgz4dh0Twholro9lEu0+REFZ+cksQOecn0yT6184/Fr43SaL+0N8QPDXiD46N8JtA0fw3p+oaTbj+yE+1XEn2nzsC8tpZJsCKP5IyDz/tCvR/A/wC0TqNr8E/hXrPi3QL7VPH/AIzsopLbw3oEEa3F3IYvNkdRNKkcSLFiRjLIoXIXO4gEA96p9fLHxa+OT+MvDfw4vvDc+t+F76L4n6Z4f1zSbl/s93bsHfzbW4ETsroymN/lZ0dWVgWBFeh+I/2mtN0bUPEq6Z4O8VeK9G8LyGHXde0S3tms7CRF3zR4luI5p2iTDOLeOXGdvL5UAHslFeTeJf2ktA0fxP4b8PaRo+ueMtX8S6O+uaPD4fgieO7tlaME+dLLHHF8socNKyIQNoYuyI1WL9qTwtP8OrPxTHpeuNd3etN4ah8NG2jXVG1VZXjez2mQRB1MbsXMojCozb8DNAHsO724zTq+XPiD+0ro/iz4afFO31zw78Sfh3F4RktbbVrzT7jToNThlkkgeNLZ4ruXO5ZEJc4QozgMWBA9F8SftG2Gg+O9c8FaV4O8V+L/ABJo2n22qXVpoltb7fs03mYcSzzxR7gY8eWWEjbgURwrlAD16ivIJP2nPDV54X8Cat4d0zWfF1342iefRNH0mGKO7njjj8yd3NxJFFEIwQG8yRfmZVG4kCtn4J/Gq3+N2g6nqtp4Y13wzFp+oz6XLBrwtVmM8LmOZdkE8u3a6kfPtJ4IBBBIB6JuPpmjdXzJ4Tb4gfFz4qfGzTLf4r+IPCNn4Z1qHTdJtNK03SZYIlewt5t0n2izkkk/eSMSPMGRwCK2PBf7T5sfAniSbxzYiXxd4b8St4Rm0/w7CWOr352NbC0ikfK+ckqMFkfCfPufapagD6Forx1f2ovDGn+HPGmo+I9K1vwjqHhEwf2noWqwQyXwE4H2ZohbSyxzCZz5aFHOXDKcEHEPh39phNX8c614U1P4c+MPC2p6Pow127bVzphjFqTIEZDBeymQs0Ui/KCFIAcrkUAe0UV4l4K/ax8NeMvhbc/EqTQPEXh/wDFp6ahFrmsW0CLdZwphigjmedpA58sfugrsP3bOCpOv4U/aG0vWdb1LRvEXhzXvh5q1lpJ177L4oW1UzWCttknR7aeZMRnaHUsHXemVwwNAHq1FeP8Agf8AaY0fxp4i8O6bP4X8S+GbbxPbzXPh3Vdct7eO21hI1Eh8oRzvJGzRZlVJ0iYorHGVIHsFABRRRQAUUUUAFFFFABRRRQAVB9oj84xbsP8A3Tx+VT1T1BQbWR8fNGN6n3GTQB5hrl9aeE/Hf9mzL/Z2h3sJuB9oOIjMz4cwHoG6blJGCwI6muh8RaCuo28e+aSa2hHm2s8TBZIG/hdW9Rxj1BPaqPjLXrbxbBdaJptjbavhc3F1cqDbW+Bzg/xPg5AHP4dNPw5dWXhfwzZ6dLJLctCmxmkwxbnODntjgD0oA5yz0dvtz3Wo3DalqhO1byXChP8AZRc4UHvg1uDT01LTdV0LU1f+zdQtZLa42nBRXRlb6HGR+FMutW0pvPmWe2iyMhWkXoRg8fXp78e9Z1l4w060hb/TrVo1YPJ8+5goPp6c/h3xQBpeCtak8VfCvwtfXACXd5plvJOLqXfslMQ8xWYAbmDbhnAyRnivONN+Kmg+KrybRre+lmjj3yxxi2kVbgAqpaMlRvUlsllOBkHowze8H/EvTdL8HarpZuZNfu4dZ1ZEMDSEJGb+dolZ5MbdiNGvXaMfL8uK5nwX8PZdJ1STUtF0ldDSaJI4nuZZZVhiLZKR7jwNy8hQRjaN21VUdVGUI3cl6GtOUY3uch8cvEGiTXFvZ6jpuqm4sYGuHvtOZYFjtJGKtuJZWkJ8nJ2qGAUFSrEA+FaZ8L9R17xhrmk6R4faD7Q80MxspriBbSFJpfJlKIgUkKyBQW5KgjAEm3698RfCjS9YuLS+12Aa9eW4DxzX0alI8tkAAdQXwcfdJCnGQK6/S4bWOa1slh/ck7F8nEaF8Y6Dg4+6f/r4r2IYx06aUFqejHEOMFynyx8Pf2ddZuLwLrH2nQZ0tIInuI7i3lk+0xow82FQWjjQBpEKsBw4wgbJPo/wP+FvgzwT4Z1DxFqkC3mtrJMNV1G8Tb+8T5mCgj5VPLBR8xJOS2QD7b4qvtP8MWNvJfqwa9lFlbW0YxNdXLHMUaY4OTxkkAAEswVWNeSx+F2034h2PiPxeIYry7ifUdMtbXzJ4bCdH+ZFBJWSfY3zTbQTyqhBkHlq4qdZ2v8A5HPUrOorN6HRQ6BqXxEhtr/Rmn8G+Dpd0k++J4dSvYw3BjRjiBCOdzfvcEgJGQrG74d8F6b4Ts5NN0qwhfTUZnSRsgnPJZpGbc7Fs5ZiWJOWyeRKviy/1TI0fSViUEgXlwMxgZyGx91cdNw3D1Aqlqfh2/vpFl1zVXunUqwtY8JFtznC+oIGCOmdpHalCpOOm5wSwsZKyRBrHi23hBhuHk1h1j2xxqFlQ5BGNxAyccZHcDoeBDoup3kkMonsZtNnZP3EN0NrED+MjJAHJGDkcMPlHJ7XSdD0w6TLPawRoixmSSbduLA4wD1PPcg/w+wrjPFHj7TfCsjW0bf2rrwgaRdEtHSeeSNiPvAkBFJbhnKqcHJBXI2p4nmfLb5Hk1cM4u7K8XjuKw0nXotdktrNtNlkaSdmWOKKMLuEpBIT5ue46E4xXz58dP2aNA/bAutJ8R+Kda1Tw+tnb/Z9IsbOLDNAwDmWcSR7g7HGV4CKmMls16hdeBdU1nxVp3iLXElsdMkHktosMgEatuJjllY8TuDtIXARTjG4qrmh8a/7e8O2+nNoF3fW+nrBK2oNazQKxA2FHYzEAR/f3A8ZCk/LnHbChRxMlC55eLxdXA0ZVkm+yW54v4J/ZJ0T4f8Agm40fRNf1GWGK4e5eG/RZi4dRGzIYyiq6gMM7W+8rcbQa9W1Gz8PaF4ijvraG00y81dQgmklEZuWk3GVgc7sMy7mwOTyRnrx918XNXWx0ZdJs476ae3Wa4urdSwndWCy/ZoshpU3kETMywjj94xyB494t8QeJ9Y8RXNveX3he4mml/sp7WcSWkkC4aUlJPmAw7uobZyVTrgLX1GDapx5ErpaaH5Hm9GeIqe2lJKU9Wn1f6ad7H0L4a8a2/hXUPEijT7i/wBR/tmLytNtnjO8LY2hMoEjIqxguMlmPzOOrOBXXap4s8O6p4s8E2sulXFrqun6vHLJb38qrsWbT73y3ygcMhZZYwoOd6c8LtbwqTwmdU1m7Gravpc3i/UL1ZGsTO91aRxRxusNujbVyRE3mHAyxXdtwBXo2o+BPEOl+G9HfSL+dZLG0EDKsYaSVo3WaBoovMAKK8fliIsFMTyLvVlBrlxGH932je7OnBY1KTw8Yp2SV/O1vuPRfH+r6LcXMNtbTadNq2kyedLp4eJpzG7BWDQ5LY5TqADkDucea/EbVLSFbexGnDUrK/JbylujbRKoGR++jUkScDbgZwGYYK5rP+G+m6ffeKZZ797l1uJbh9PtTEYlkaQs0isSAwlXLn7NJGrKMt+82b64/wCL37VXw7+Bmvf8IN450jUtT1C12XRW302G4hZSTs3F5VwQNxIC+g3Y4ojXw+DXM5X/AK+YTwOOzKapKHK12106dvWx3MWtXXhHwHpt54Zs3WPWjHc3VxqFt9tdBJAGDsFIKk7I19ASB1Zarvp9hpOl6L4v1OLUG1a7kgnk0LEZWS5WLch2vtZQohVsNIBwOM5Vuw+GvxesPiv4JsPEvhPQ54dG1BHNubp0tZwqO0eSRlDhlJKgnjHvnzXxb8TZdc1A2Go+HrW/Ml5cW9oyXX70zQs4d8cbR8j/ADKSee26u3D1vrHw3137s8jGYVYFuM7aaK60TV3pt2/DoeueEdSuPEXh2PUZ49um3UhZ4HgVPMcOwdC3QEFSuEJzxnIwD4f4n0S1+JHirV7Twxpdr4e1HbJNbzadciMyvaTAhpkEYjRywAWUglDwQwJU9XpvxNu4dQ0PTLC2srPS5xaq6tGUMBlm8oARDPm7WibO0kHBC7sYHq/jDwjNo8cN6mvxvcXkio9xb26QlioG0E4ycA8dcY46YrilLlr8rjrPby/qx6VGipYTnhU0ptX839+zumcf8FfDekWelaF4ghbUYryWKSwa1uHjZbZY5GVliwoZlZoo2VmJbaFPBzn1L4cahZaTpeqXOoSrb6fpl9dTTvKVVMJvkdiWIAAUZznA/LPhPw18L3Gm+JPiBYRz3iWOn6tb6hMrAKryXbSFpVbcCW2xxKQBhdvBOcD2C20OO48L6d4eijlubfXtUtrWb5h89uQJLlGOG48qOUYP3s4PY14+NqOeG9o3rex9LleHhRzH2MI2i1dLyev5nqvwz8M3fhvwTYz61BGusanGLnV4oY1RVuZf3kxUKMYV2ZQe6qpJJ672qW0rRgFvMuLciRo1PEyjAWQ+p7fU100cQ43DLkYLZzxWfJamGVYlwHX5reRv1jPtXx5+sxjyrQx7K2sWsJ45y7XIYhdvLEHldqjt/hTtFurmGxltohGV3EtLIcJFnrn1z6VOLANdLJC5hRlKIg4O7vGT1HfFSppst8wQOEsVPyJgDYRwVI9c+tBotNipGgWR4bNWkufum6PJ+iD+Ee9XryyisbOJpAC7AJMgbJlB4z7sOoqaa8s9DhEVunmTHjCnJ/E/0/Ss1La41K6LTZml7IeEQEfxf4dfWgZmf2a9nqDIro4jDYf5SApHX24zyeK8i+NSed4XksfDqNNeahc2dgt4nyrF9quI7dZ13KQwVpgwJAViuBnqPXvEWjyahYi1D/ZfKmWR1RN6HqMFScMrZyAeAQKyPG3h/UI/A2uW/hyQWurPtntJbyRg7XcTLLE8pwxKl0UNwflLADHFc9bDwxEXGauZzpxqLlkj4f8AAuvWWnala+GpGsdKnZXMcL3B+0QSB1Vopwx3GQtISxPzb93BIJbB+Onh2/l0+1azgu30xZJG1TTNP3pNfk7Nq5jwwBw4Zhk7W6Yr3L9pF9D1rUvC/jLS21C6XXbOC7+zqiZlt7dklWUPI6mJj5yjaAc448tssfG/i1qI1a4S7sdPW9tre38h1ulIYSTiN4pI4wNxKoVzwD85xjBJ/F8dhJZfi3C97O+/fb59vvPiq9F4erbex5r4Z0a8UTR6To1/4e0bXHBuLw3L/bZ2ziOATyhmCfupHbrxJgAkBW7XRdMGh6tYw+Jr7Vh4JvraS3XVDGlzdI3neVNDIFjIHzq21hgBRkLt+WDovh98P3+ImtzXerXGm3trDcRGLVmstxuVihjzEu4ldhYMD85XJcAZzje+IX2vSNY03wpdadarot0YUtbW4tj5F88khVo45gQI9uFZTn5Wbd823FdOHqSlKPto3jK3n21vuaUtWudaOx7Z4t8YQaL4OTWtiarp3lI1tdw3SyNceYVVdgZsMZCUywOOQwKgk151pkms65e33jw6i+neHNNuEhvrK4vHSZVSOBpbJIV3pM8wdNhByWdRgNGlemfCX4YjxTp2u6TJqV1oOsWR+xahF8l7baxYyDNvLNbXIkA3IHheRdjSSQSkkgAD2DwN8DtA8D3slxE0t9Gtw1xZ2lwkQgsmJ+9GqoN0gA2+bIXkALAMAxB+/o5RKNdVZzvHfqnfpqvxPooYN+05pPQ8i8D6Pf8Ah3wjomk6pOt3qFnYQxy3ETM6zfux86swywIzycH5SCAQRW3g10PxAsbPTdYeO2lSST5p4oIRvkCkgzREAEjDESLn1kHPArldUmudNkijmtHtpZl3RrdDD4/65jLA/UD2zX1B6Za65xz3qvLqEUb+Wu6aTukQLEVS+z3V6f3u5kJ4847V+gQckf7x/CrNvpCOArbroYyIwAE/75H9c0AZuoTS6kFWAKJFyQkQ8xiCMMC33V/XFT2Ol3OxTNIokHHmMfNkIH3evyqfp+dcN8Tf2mPhf8G0kj8S+LtPtrxBn+zrFvtN19PLjyRnplsCvJ7X9qr4nfGS4Fr8Gfg/fy283EfiHxeTBb47OsQPz/QM/wBKAPqBbCCHdcOuSmWaeds7QO5J4FeGfFD9t34V/DW6OmxavL4y8QZKx6T4aT7W5fgbTIDsB9gSeOlQ2P7AvxS+N0kd18bfihf3Ngx3Hw7oOLKxA/ulVGX/AOBKp96+m/hD+xt8K/grbRr4e8MWcNyoAN0yEyt05Lklz9C2PagD40t/Dv7Sv7XM/wBkt7f/AIUp4Dm4ljhYyarcRnkl34Kbs9CU+jV9Ufs8/sKfDn4C6eTa6amqaxMv+k6nefvZ5ieu6QgHB7qu1favou3s4rOFYbeNIIl5CRoFUfQCpsUAUtL0az0W1W3soFt4hzhepPTJJ5Jx3Jq9RRQAUUUUAFFFFABXi37KPwV1X4C/Cl/Duu3llf6vcavqGqXE2nszQk3Fw8ihd6qchSgPHXPXrXtNfKsHxo8efAP49P4S+K0zeIPAHjLVCPCPjK1tAg0+4lbCaZdog+XBO2OQ9epJ+bygBsKePbr9sj4t2vgi40DTGbw5oEtzqmv2k18iEG+8uFbeKaEnfliZDLhPLxsff8t3w3+1B4l+JmhfDjR/DGmaTpPjvxRNqcN/LqSTXen6UNNm8m9kVEaJpw0m1Y18yP8A1gLN8pB7HxB8C/F0Pxf8S/ELwb8QLTQL/XNOs9Mn03VdB/tGzEdv5xEmFuIZDKGmypDqoG8Mkm5SlOP9laPwzoHgD/hDvEraT4s8GveSWut6rYLfR3xvCWvRdQK8RYSsS+I5I9rhSOBtIBx3xF/aZ8a/CfwJ8ZrXVrXQdS8deA9NtNYs721sbiDTtStbp2WNmt2mZ42V45UZRM2dqsDyVX1nxV8TtV0P42fDLwfDb2j6b4msNWuryWRH86NrVLdoxGdwAB85twKseB0rmbn9liDxd4W+Jdv448QDX/Enj6yXT9S1bT9PFjDa28SuttHbQGSUqIy7P88khZ2JJxhRP4d+Ani6T4oeDfHPjL4hW/iG/wDDNjeadBYaZoI060kjnSJWlKmeVxMTHlm3lCNoWOPDFwDzW1/aU+Kf/Copvird2PhKLwtpniGfSr3RYrW6e8u7SPVHsmuY7jzgkDqMHyTFLu8stvXeET0bVviV4/8AGnxQ8beGfAI8NWll4LitE1D/AISC3nnk1O7nhFwtvE8UqC1QRFAZmSc7pOI/kw0cn7Lfmfs46t8Kf+EmwL7Ubm//ALW/s/8A1fm6m19s8nzecbvLzuGcZwOla2ufA/xFb/EjxJ4o8F+OI/CsPiqG3i120n0db2QvCnlJcWchlRYJvKO3MqTplUJQ4IIB5N+z/wCNr7wP+xR8Jr+PxZ4N8BWstksVzrnjR2e2hYu5WJIvOgEjMQRkzJtC5CvnAZN+2J4puf2fX8YaBY+GvEviO08cxeDjLZ3DjStVDXiQi4tnWRzGkkcqMpLS7CT98DnsdF/ZM1PwZ4b+EkPhrxrbxeIPh3bXlna32taM17aXkVyu2RpLZLmJllAC4dZf74KkNgOX9ke5m8A3nh698byX95eeOoPHFxqkmlIjPIk8MzweWkgUBjEQGH3Qw+ViMkAn8TeLPEPhH4vfBXRfF8HhPxFqmsS620ut2eiS20mnrFZCTFr5lzM0Zb7jtuO9eAFrzDw3+3cNauPCfiIeLvh1daD4i16DSk8DWV2H8SWdrcTfZ7e5dxdENIHMckkH2ddiOw3kplvo/wAdfCFfG3xS+HfjF9U+yr4RbUGNj9n3/bPtVuIcb942Bev3Wz0461z3w1+Cfi74W2+meGtH8f2w+HelzA2WmyaEG1WK2Db1tDemcxtGDlMm28zy+N+/97QByvhD9oPXfFvxw1vwjLr3g/w1caZrcmnx+CNctbiDW9RslQkX9tcNOEkV1VplSO2ddq7WkUsWX6O3celeIeNPgL4j+JXiDQ4/FfjTTdU8J6L4gh8Q2VrH4eEOrLLC5kgjN6LgxqqsQpMdsjtGuwtlmZuS+MXx88f+JviBqHwm+CHhySfxbZbBrfjDXLZ4tJ0FZEV1I3L/AKRMUYMqgFeQfmwwUAZ+25pN7qWq/s8y2lnPdQ2fxV0We5aGMuIU/fLvfA4XcwGT3Ir6hrN0Gzv7PQ9Ot9WvY9S1OK2jS7vIYPISeYKA8ix7jsDMCdu44zjJ61pUAFFFFABRRRQBVkuHhkG5P3RIHmKeR9RXn3jrRtc0/wATR+J9Nt49Ygt7YQtYyOsTQgMCzoejAjkhuRgYIGa77VGKabdP5bylYmYRxruYkAkADuc15fqOvp4msYb/AFuRodJmx9j0qDL+a4Py+bt5lfIIMajCkEHd1oA63TjbeKNJi1nTYniF1EW2OgGW6EYP4+x9ayY7D7CWtUh8q3jP+oVQNoHcDoCOvFFj4q1jyYrWz8P6pH5Y2qZbVY1x1HLMB2qLUNY1u3hlk1DR47ONvm868v4kUkDHRQ56deOaANnR91vdNc2rF48BCr8byenfjn+dYmmPbR/ETxjBHJPJFdWOm6tc26qEVWkFxb7t2fmJFmgIwMbB17czZ+Opl1R7I28EUqwtcRtNLJHGWQj5dzRDJOcjGa5XT/iRqvjn4x6jpHhW6tYPM0rZeRL5ZnheObdjeR0AuDnBfaTyo3cgHG+OvFnxHk+N1noGkaBE3hgyx/6TLaSeVJFgGaeS4UgKVIZdh6gAFcupEPxqk8VN4Rth4X1j7Xr3npHdw6SqxyG1Kv8ALHMzYUBvLwFYDAfHJ59kh+H8UV3ayavfy6pcuzb4hIfl4br+K9FA9Rir3iLTbXSdAggtIIx5/wC8EMBCpwMYY4JYll79TXq068rw5YrQ8qph4Wnzyep8g6X+yHqfxAutL1vxTrMtncWscKX0A3yyzSRuzqitHIuNyvsOBw28jAY17T4X/ZZ8KaJ4oh1awtbqRrQMWtvMWOGMyx+WGRQBhsMc8leSSAfmr1HTbeXT7fT44vLRUYq8kKY2s3DOcdwc4HfB5A6eiXOhx2sKShy6rlH8wBjsbqcjB3Zwc5z1pVsXVk2uYdHCUkl7p5T8LS+g2934dvLWKG40y4+yrcW/FwEY/uie7YGV452k4GK7yy1KBbOKVrcXW9NxmhbA3DIwHz8rcMMZHPHfjnfFGg6xY+L7LVtNsYtQkvIGsLtJmOFdCGjlGWXk4xyx46VA3w11jVGeTV9UNosh+e2hyyvnPyscbSQO4U9c5715j13PUWmweKPE+j2N0txc3kJuFISSGzJMu05xkkbVIPUHpznJ6+f+LrvVV8UaDrumRtoOnXQbRJ5JgWjkWZlNuznH3llXy4zj/l5dcDdXaT6Tpfg1oIRpyxCZQizORtzzuYMTnB67CR7EkjDrqzk8ZeAfEfh+3mji1RYWk02aZFaNZuHgmZWGGKSqrcj+EdDzU2LI9B8LX0LGymv4rm6mJLH7OsSZAyFUKc4wCRnrmuRk1yHwPqHii31G6MNrEr3vnySn/Vcs+5s9FbJ75z06Edvo+rL4n8L6VqFmrxte28dwDE4kVFeMMU3HCnqRngfLgHJxXCeMNHi8S+M9JE9nDc6P4faK+vVLfI9wzo8EBCtk7QomZXGDvt8ZySHtsZuKe5m+G/Eg0fw7c6z4rhXRbvUwJLsTKXJh3OLe3wuSzqr7SseFLtI3U5qpp11onjrSLuO7S11fS7r95E00IIkdSQTtI4fliAQCCJAc5wOz+IXh+08dWMWkxzzg28kd4bqAqGiGWUdmXo5GMHIZs9MjhG8D23gq1hsrCaZvLJ3vcsrGSR2ZzIeFC7mZjgqo+YkZWu2io28zzMRzN26HM/EDxReaPBY6XaQLc3hWREWaYwxrGnlHcX2sQWG3AA7P0ANLJ48t7HwbaamllIkV55NxDbs6sVaQqkanJIzlhnIx146CvIvi55+seIre5SHTL+xvGgs7S8u3QiyuI3Z5VySfmKL2A+6AQ3Stebxw+vWumww2Nn9jvLa3BtJojL9rLyFHSI5C/JtXqpIzztB59iGqseBJuMrn0L4Q+Iz69pcdyII4jbkxTwSQ8QsnLFXUYZXbaOAflkIYblIHlnjz47S6j46/4RKHS3kuIZImivFkUOknlrN5kcIjyUABUnfjAckkdeluNY8P/DXQjcTXEMFlCFjijhhwIVZzgCJfmLMWLDH3i3U9ptD8WaX4mhstS054g0+5TqGwKBGSRtYOqsFV1yUAHzFs7TwdoU7Xk43KdSTsr2OJ+IFjrPjrQDc+H7pba5WRJdv21YJ5RufdGj5BVt/TbjlCucNyyX4Ra54m8B2Oja7qZs7uPZM95Ipulc+a+1HyVYgKoywIyYwxYnNfGf7X3xz8c/Cv44ax4d8IeL76x0GKG3mhgjVMI0kKtLglcgFmbj0P1r6//Zq1LW/Gvwd8J6rqWrX0l/e2a3NxeR7FJO5kLO/Rcgbe3UcEEkxTxbcnCKtym1TB8sFUbvc2bfRdU+H3wvs9I0e8/tS/t28xZY4Chjie4V2eFZTgY3HbkY5wegz03wtsrzS/Dtq+qbm1YvNGFm2JOYixZNzIRyU64wcZB5yB5N4w+C/xKvvF2oXGg3V0LSR1ZFt9TkiMsewRvEF4UMzhmx3APK84tv8As7+PLyz0U3Gow6ZdQxsLr7RfyCRB5pZZAV3Cd1j2qe2Y8bm3M1b1IwktZHNTc4y0gd2PC+tWfxCi8S+INZtprCK8Ysv29nkljO/y4jCw24QkNuzyVB6s+31vxN4g0SHStPa2u7eWSKdNskK+aQCwXJIHZAOBx271keMo/D1n4bjbTtN02GWCaISiBUchi4GGH3lGMYyOqtyc4q/J4ftH8Calfm0VblUM1o0UKJsVTvO7AGCAM454XjdXkSbuuY9WEIrmUfUh+AcxX4leLRDbskE/2S5iugjqJgzXalT0UbRHGTt5+cZHSvo3+zZFtQ8TgXSks7cfNnkrnH6+pJrwP4eJaQfErwhqMieSdUtrrTi0SBUlljVLiBG6ZIX7W445wenf6PRTjJyq9lx+teVU+JntUvgRzlxp8V1bpFCPLic7oJOhR+8Z9v8ACo7PUJLWGWyaOOMSbmBmJwufvKR3I7Y61s6hbpEXdh/o8nEo6bSOjj3/APrVSkt0W4eSdA0ijEjL/d/hlX0x3qDUy7W2+yWuJndY3bm3jYeZJ6bv7q1ft7GfVRgp9nsQfli24UD1x3PvVu1sbeS6llnwZlGXGRscdn96qXWvPqG6KzzBEvDTNx37e36+1AEuqXkNqsFrblnuImG1s7tvbB9TjjFc/qr2WmzfaZEkijklMcUG3MjSYLFAM4HAzliAMc1v6bo3mLuIaKIjk9Hk9v8AZH6+9Utc0GK4X7JcRJcRZDxiVQ4bbkgEHqy84z1Ge9AHjuk+H28RfE7XtIfdpuja9aLrqPHKHWeaIRW1wVBXkBBZHcSUJZyq5DM3xb448Ha18Cfiz/Y1+9rqEM/lMZ4ZnQ3gmlVBPsZMbl2OMhmA5AY7eP0H+K9nLZabZ+JIjNcTaBP/AGtLHaqW+0WgheKeMRqQWIjcsF5yyL1NeR/tT+D/AB58TLHwxL4JkW/ig82V2srqKGQF1QQsrsQGjxu3KCQ2V+V+3q5biPYVuVuyl3PJzLDKvRva7j2Pkv4haxDo8wsbqxkvomt2lfeqqyRKFAYE7csv8JHTbkEcZ5S4lFve2ekaMlyPMulVrkTiMyO0W7b5sjhhzt+YkD5Rg969A8bfAvxH468YNY5hu4YQGtpZGYxxKE/eJ5G7J3OknfA3DLDAA6D4f+B9E+GN+NQ1T+x743kxR5p4Viij3EKNjtkAMAw3A5O5+MZx9p9Yjy+6fErDNyblobXw31ZdEm8NW15c251WbMdzFcyoZQ4MmDtzuLrHgEgf3uSenrHj74YeKvE3hee/8E+cmrI6PC63CQwMu7955QZmjLEBsfMMEDI5yPnD4zaHY/C/4l6Rql1E95pn7u8uLZ5Qq7YJNypDLlgecFk4GCOhfI++fgp4s0rxBocLW2ow6pZpG7Wl5G+Y9itiROfulTjg8gNjjaRXzuNryoONSlqmfRYGhGupUqmjR4R4F+Bd/pnw8TxF4k8LTS/E26n+wafcB3EsLSsIoZ51iJjLRqxd5NmRGvJLZz6LHocXhiG2022t/stnDH5UFvnPk+WArw5/2TjHcqyn3rudF17SvE/ij/hKtRaSBLPzbPQ7GUbpHjZgsl4IQu9WlKlEzn92uQR5rrVDx1cwareSzKLfSBIqtnUpgkzSqPkdYVDNkqSjBtpKkegr56pVlVk5yPpaNKNKKhA5jaT2P86hmvoIXKGTdJ2jjG5vyHT8ahvoXuJEW3nmuIdmXeSE28ef9lcmQj2Yrj1ot9HBwjFpcnIijGxfyHJ/HmsTUhk1SRpPLjVY2HVSPMk/75HT8SKhk0ubUMLccAEMGmbe4YHqEHyr+Iz7VyXxC/aC+GnwfhKeJPFumadOv3dOtZPPuSfQQxZbIOO1eZW/7R3xP+Ltw1n8G/g7qV7bMfLGv+Lc2lsuRwwhB3YPYs2D6CgD6ItdFhjULsa42jOJPmVfUBegHtjFea/Ev9qL4Z/CidrPWfE0N7rWdsei6Ov229duymOPhTn+8RWfo/7DfxY+Lm24+NHxavItPkO5/DfhTFnbY7o5TBYf8CNfRHwn/Y/+EvwWt0Xw14OsEugMNfXkQnnf3ZmHJ98ZoA+QLH4lftF/tAkR/Cz4ar4F0GbG3xF4sw85XOCUiPyKw9Gz9a9U+Ff/AATh0Ndet/F3xi8Sah8VfGC4bdqUh+yQt6InZehwMcjrX2btCrgdK4Rvj18M0Yq3xD8Kqw/hOt2wP/odPV7B1sjstM0my0WxistPtYbGziGI7e3jCIo9ABx6/nVviuD/AOF+/DIf81F8Kf8Ag7tv/i6T/hf3wyP/ADUTwoP+43bf/HKfK+wHld5p3jXwD+098QfGFr8Ntc8ZeH9f0DSrC2uNGvdLTEtu1yZVkW6u4WA/fJggHPPpXmmm/sq+LfCHhf4X6rd6Vf63L4fm1v7f4U8HeJZdIubO21G5WaKCyukmtg622xVaN5I0ZSxUnaob6f8A+F9/DLj/AIuL4U/8HVt/8XSf8L6+GXH/ABcbwr/4Orb/AOLo5WB4VrXwD1G48OeELjwz4E1TQLtviPpfibV7fXvEx1XUWtoFEb3NzNNcSrvCooEUU0vyKhzksq6ej+GviN8I9H+JHgzRfh/ceLYvEWtajqmi6/DqVjDYwrfuWK3wmkSdTE7uWMUM25NuMtlR7Evx6+GKkkfEXwocnP8AyG7X/wCLo/4X58Mu3xE8Kf8Ag7tv/jlLll2C55f8L/gLrnwx+KHwrSNP7Q8PeFvhzceGbjVvMRd939osmUeWTvwywyNnbgbcE5IB8f8Ait8PfFeh2enaAiNo3iXxL8Z7rXNAkjv4LZniW2lmjmF0YrlYOI2yjQSNIN0fl/OSPrH/AIXz8Mj0+IvhT/wd23/xdY/ir4lfBTx5oc2i+JvFXgPxFpExVpbDVtQsrqByrBlLRyMVJBAIyOCM0+V9hcyPmfXPBviTxh8PPjt8KItDbWPi5dLpetalqieIYdQXUfMlRYVkmNrZR27xxWrAQ+Si7FVgWLE19HeCvAmu6P8AtHfEzxTd2Xk6DrGiaJa2N2Joz50tubwzLsDbht86PlgAd3BODh/gzx58CvhzpT6Z4T8RfD3wxprSmZrPR72xtITIQAXKRsF3EKOcdh6Vv/8AC/Phlzj4i+FP/B3bf/F0cr7E80erPjuL4a/EDw/cfs8eCNKd/DvxF0bTvEmpMiarbWfkwtcRqd1y1pfRyqyzr+4WB+SHLJ5Yz9E/sk6nZR+GfFvhZNLaw1vw34guLXXLxdVGqx6hqEoS4muftfkw73bzhvXyo/LYFAoVRWz428afAb4lafBY+L9d+Hfimxgl8+K11u6sLyKOTaV3qshYBsEjI5wSKveG/il8GPBmi2uj+H/F3gXQdItQRb6fpuo2VvbwgsWISNGCrkkk4HU0csuwc8e55x4Lj8efCX4tfGfUE+FviDxRp/ijXbfUdLvtK1HSUgeNLC3hPmCe9jlTEkbA/uzxyM1y3ij9lfxZN4Fg1q6WLWfHL+On8cavpfh7WLjTftCvA9sbK0vQ0UiMkBj2OxjDMhDFFY4+hP8AhfXwyH/NRvCn/g7tv/jlJ/wvz4Y/9FF8K/8Ag7tf/jlHLLsHPHufLXxu+HdjpHwN8eX8fgzxN4O1jxPd6FoEFx4r8XSarqt0w1FPKXzmubyKyRGlJSYSOVZnYxfKok6fwPY+IfDfxY8TeFPG1o+vfEjxV4QuJbLXF8RQ6mUs7Z/LW2kjTTtPS2Qy3JZXEbeYxfc+VUV7jrfxe+EHiTSbzStX8a+CtV0u8iaC5sr7VLOaGeM8FHRnIZSDyCMVieB/E37P3wwS8Twfq3w28JpeFTcroc+n2QnK527/ACiu7GWxnpk0+SXYXtI/zI4ST9n3xR4l/YV8J/DK4gTSvF+maRpBe1lvTEgubOWCYwm4tySm4wlPNjJ2k7hnGDRt/wBnyL4maH4st5/Afi/wVrGo+Fr/AECHWfHPjabXZIGu0UNHbwi+u08rcis7sYn+RAFO4lfcT8e/hiP+ai+FP/B3bf8AxdL/AML8+GQz/wAXF8KdP+g3bf8Axyn7OfZh7SHdHjPwb+DssPiTwZL4j+G3i+w1jwzukOteIPiFc6rpcU4geAy2Fu19Ozlw5wJoINsbseGUI31JmuB/4X58Me/xF8J/+Du1/wDi6U/H74ZDr8RPCn/g7tv/AIuj2c+zD2kP5kd7u79qTd7cVwR+PvwyX/monhT/AMHdt/8AF11ui69pviTTINS0m/tdU06fJiu7KdZopMEg7WUkHBBHHcEVMoyjrJMcZxk9GaVFFFSWFFFFABRRRQAVl65fWFraGHUXCwXQaHaVY7wVJYcDOMZrUrG1bT7ya+tbuzNuZIkkiK3IJVd2DuAHUjGPoxoA880vwz9qjNqmr2Vv4cs8hbyCVRPLHnIV+ysP4mPLcE8k4tXGm+DrKTy7LSpb+4bkItxLtxkc8tkjBByAR711s3g2LVLlbjVZhdOudqQxrEqg9tw+YjPP3q27LTLXTYylrbx26nkiNQMn1PqeByaAPO7bwXda1x/Zmn6BZngvHAGnfnoCRkeg5GPpxVTxN4B0/wAJarpGq2cl5bwTSf2ffTLKWKRyYCtyflXeACBwd3SvWNtY3i7SjrXhnU7JfvywNsPXDgZUj3BAP1FAHkfwV+HVn4T174l3kUFxNdQ6/st/tk5kjCfY7eXMadEIMzrkcnaMk8V3WoQnbcb5PMMO2SMcBTGxy2OOMFgPpWD4E1WP/hZWolZGhk8UaDaavDBkFDNAxhuXxn7wE1orcYwq9ata9qUem6f9ouGdp7dJIGhXjOSAq59c/oK2pRcpcqLhq0i3Z3iatcXEhXzRCRAgwTyBj5Rx254+lR3LR6H4durrVHjsbPTUa5nvJ/lESrkjoMk4HOM5P4U7wJph8u0urmPaGXaBwMsOQ+e2RyPpUNv9l+K3iKDUN9reeC9MkxbL5e/+0L6KZgXO5cGKF41KMhO58tnEY3b15cr5ImlR2fKix4P0u88YF/FWvxxC7fzF0e08nDabbMFGSWAbzZdiu2QNmVQZ2sz62p6fa30SzzWkUzwt9qVXQHBB2yL/AFrpHUw2ri1jw2CUUKFAP04rKZLhfmkhVHI89lX5hz8si/iOa4jA0vsUFxEvyho2wwVhlfY4rzn4hx2nhjw/rXiMSeTaaTbyXtwsaggxKhZtqgcYCngHlh7mvQtJaRYHgl3M0J2Bm43DGQR+GKoa74RsvEmm6jpd9DHLYX0TwTxbcmWN0YMrZ65zmtY1JU3dMtTcdj5Lh8da9/wk2qeHfE731taSXsdqttoN20fkmRFkRXkQmaQFZULmJl2sMbSod6724vNN+G+lw29l4cudSvbiRY7fTLK1/fzy7Ni9flAVE5eRgFCDoAFrrP8AhTOt/udSj8Q6XcavBlY9auvDsR1PyQNpXzkkWPcRnJEIU5+52rqfBfw70LS7i91bTbn+0NUvsxahqVxKbiaXB/1Ssx/doM8RrhVzkKM5PZLEwt7sdepjWh7WSkj5i+J/jDU5FvLDUr2a8the/Z5INLuJ7H7LMoEpjURBZblhFIheSS4SLO1QpYFTleB/hTp3i/TrLxFeXM+uX0ixy/breD7OyQlCgRZsm6xsAyBNnjBPUD3H4ufCGCS+uL2LSDr2l3N0t9eaSl5JaXUlwsIhFxbziRVEnlokZhcrG4VCXQhi2x4DXwjfabdW2iEI2jMltPp09u0dzaFchA0cg3IrBGw2PmADIWBBPXRxWHjC7i+b8D5rGYLH1q14zSppaLrfz/Q8e8W+HY/B3hPWNQ0HQoV1eeRZp/KtDKWbzAGmcj95I0aEsVZstjGecn5u8ZR6pJPaX/2OCFb6G7tWvGt/LiuAFiVHRXfCtgyR5UMWWPhWXGP0NvtBtLj5rZXZHUSqzMe+WIOCCT685xx6V+dH7WX7WGrfs2/tHXmgyWNxr9lBHFdxpHepDFJBLHnYP3TMDuwd2T06V7mDzelTi1LT+tkfGZrw3icRJSh7z26derb7Hf3Tf8ITrmk6zPZ3s9wIV1W7s5JlhijdI1RypMZZpADyu/aGxk4YE9r8SNe1zUdLtfsM1wId4WZLeVYpvJEZ2hS5XHIUkjDHaME4IPIfB3wXq/7S+j+GviRPZWGn2OqSy3FtBeXTXNxEkStF5IBiC7AyAqeP93d8x6bwa3iCKHW9X8Q6ebS10azbUL24ubVozbumWaEb8iRiAWBGOAD0kWveWNw04+1ck2l/W58LLKMfRq/V1Bq91ou3W6f3bHK32pXupeOvh4TplzceKdsaXV9F5cUeArOvmARlHIEV0FA6L54XG7niP2kP2Fdf/aD+JP8Awlf/AAmGm6Un2OG02Gyd1+RiuVYEE8nvzwfavVpV1b4aatqOpXyNqF39t+wSm8nFvELqaFL2R/lMgCiH7LCi44WAgHAau1v/AAX478eeBtB1vQIdRXT7+Jbm50+2vFtpW3qpjYSmRXKAhsjKlg0ZwwBFeLWhh8RDmqSUU3pqfW4XEY3L6nssPTlKUI66Xevr0Yn7Onwcf4M/CPQ/CF1dRarf6dDKXu1iCKytO8mdjngHftJPp+Fdzf8Aw58LarqV1Pf6Fpt/PdFFlLQRy+YU2jBfA+42cH2xkEjG1a/CjxWPh0lvN4gtLDXp7Bbaa8t7fIjumj2GUDjo5DcAdOMd+c+G3w11jwVb30Hi3xZZ2AuZYPsFiurm4YspkDSK0wDZdiPlH9wt94nHB9ZoQp2hVso273PZWBxdWsnUw+srtvSy/Hrc2o9H8LaTeWsC2mn2l/bo4t7dERPsq4VT9nA+dFCkH5R0x2xXlnxr8eS6DfRaZDbi9ggH297jeyHyhkMqgp+8kyS23IxuUEjcK39a+H/gPWPHMHiuw+JdnrEVrPbPdWOkr/al8Joy0kcUb27lkRwpG3yzkebj7/Hr02jHxn9mOmeDyrRxrc2mueLIy8UDsgKtHaF/OLDIyjCHGCNwIxURzKjh6iqRbldelma1MhxmOoSo1VGnr63Wj6f1pc+b5dWsPCnjr4kpqM4it7mGMqVjV5DcxW1h5UceMySKRICcgAM54U8t658Jry08Ta18O5bS9dIdmp6l5Wxk80wrHakMCAQVNzIMMO57rxoeIv2c4dRt7C7g07T/ABJqhiure9utQuhpMkskk0MguQ9vbSZkQ2scartA2ZViw4Ot8Mfh/p/wz8QTi91GxS+SIwWlnE7KlvalmkYl5GLSySSPl5DtB2RgIu3nzK2Lp1MO6Ub83Nfy2PdwuU1qGYLEzacVDlXff02PZLy6SxtXlZcheir3J7Cqkd5DqSm2lD21z18uTqD6g96onUDcX0Ml4git4+YmU7o2cjjLDpx+HvTLhpZZY4bmL7R5nIDcNk/882HUAcmvIPrSxMv+taQHcuBcKvXH8Mg9/wDA+lUtQ1W4099sSkzyJh3Ayjf3XX3P86njmmhvnjD/AGowEIrY+ds8mM+vHOe1PmjTy12DMMgIiDcf70R9Pb0IoAqaPpatOQsv7zAd5f4jn+56DPGetdNDax20QjiXYg7CuTgm+yXARJdxU7o3b1PVW+vQj15rqrS8W8hEijHO1lPVW7g0AQalYm4USxgNMgxg/wAS91P+eKwbi8aFlm2+ZuQxfMgAKYJZX77l9u1dZWDqcMM120cZBDf6/H/LLHR89j6+ooA8Yt/BOjXGv3vhPX9G0rV9JaR9W0E3kUbgK/N3AiNlt0ch3MQAPLuUUZCtjyX4dalo/wATPF+qalL4ftrea2s2vbCd7cXMn2Zyw2thMxNh/uBjnPyscNj6ZvtA0bUrFRrkpQW1yl3ZyrIUkhmTO2WNhyDhmUjoyu6MGVmB8t0ybxD4AhvItCi8Na9LczeZJfTWJ0yWTb92SYwh1lkOWyVSMfMcKK8jG5fHF1ISk7JXvpvpp6HFXwyrSjI8MT4laxrlnHPpPh9oVjEc93deS+oQiN932fcsYUxyNsILHK8BVYl+LvxMks/HHgnS9SPifQtP8W2mnpFNpDXdu7TJceUZViQsuJUCMAhJ5XaUORXqUdt4rhfUf7NufDXhe3vJDKYtK0cl2feAkjuJEVm2AjlO454wfyH1z9l/4tL8RL7U5Ph54gk01tXeU3ZsSsboZ8hsgbcEHtxzXn0MjpqnKFeXMmvlfut/Lcwp4GPLyzdz9Ufhn4k13wr4k8ITapHI2t77q0aa+YJcnTWgMhN1DGhI/fpb7CwQlnJJ+Z8+z3/je91Fm3Nd3UZzxMwtIcf9c48ucdwzYPtXz34q+Onwg+A+p6h4c0iOafWI2WaXQ/DGkSz3MkjKrDzCq7d7BhkyNk9zmuEuv2gfjt8SLg2nw0+CNzo8bnbHqvjOXy2GTwwgBXP0BcV9DSp+ypxhe9tLvqehCPLFQvc+q0v9RkhaKKf7HbdWt9Ni+zx9CDkr8x4/vMa8p+In7RHwt+DSzDxJ4u0uwvEHz2NtJ9pvGwOhjTc27/ewPevOLT9h74//ABs2yfFb4u3mnaZIcvovhwfZIAvdScKcf7yNXuHwk/4Js/Bv4WyQ3K6BHrOoR8/atTH2mTdnrl8qD7qqmtjQ+d2/bG8afFCc2nwY+EWra7G/ypr3iM/Y7L2YLkbh7bwa6DSP2P8A9oL47KJPip8UJvDujTYdtB8KJ9jjwTnazkBm/FW/3q/QPSPDWmaDCsen2UNsqjapVeQPTJ5xWjtoA+Z/hD/wT1+Dnwjkiu7bw3BquqKd5v8AUMzzFu7BnJIJPPy7fpX0Zpuk2Wjw+VZWsVrHjGIkA/Pufxr8uf8AguUf+SKY/wCo3/7YV8rf8Eu8L+3V8M88f8hP9dLuqAP359iM0rSbe361558a/wDhIv8AhG7T/hG/+Ew+2/a13/8ACF/2L9q2bW+//a37ny9237nz7tvbNYXwR/4TP+1NR/4Sj/hZH2fyV8n/AITf/hGvJ3bufK/sn95ux18z5cdOaALPiX9oMaP8UdQ8A6N4B8U+Mtd0/TLfVrttGk02KGGGd5EjBa7vICWzC+QoOOOa9N0jUJdS0uzu7iwuNLuJ4Ukksbto2mt2IBMbmJ3Qsp4Ox2XIOCRzXy7dad4y1D9ubx2PB+v6DoUy+CtGNw2uaJNqayL9qvNuxYry3KEHPJLA5xgda0PFHhmx+JX7Vml+Dvifa6X4o0Wz8Fpqel6TfWgOm3mofaXivLlbWV5FLxp5QUPvMazNg8liAfThfbjj9aXdX5+a032f4d3Vppcit8O/DPxw0eHRJ1fNtaWCXNt50cbbiBBFcySxrj5VxtGAuB654k1zT9U/ay+KdtY3tvd3OnfC2G3vIoZFZreU3N1II5ADlWKOjYPZ1PcUAfU+7jpWD4d8eaJ4s1bxFpulXn2q98P3q6fqcXlSJ9nnMMcwTLKA37uWNsqSPmxnIIr4r8E/D3w/4H+Dv7JvjnR9PS18Y6jqOg2V/r+5mvr23u7J1mt55yd8sIBUJGxKoscYUBUC11Xwn8I/DT4WeMP2mvF8/g7StPbwtq8lwtzo2mxQ6haWR0e2llS2kjCvFvJmPyMoLMxz1IAPsjd7Vz/gHXNe8Q+FbS/8TeGz4T1qRpBNpH26O98kLIyofOjAVtyBX46bsHkGvjn4bqmgftMfBW80jwR4R+Gtt4s0LU7q5sfC+tfarzVbVraOeGS/jFpCGkR1yJfMlJZpBuPJPLfCjw1YeMPhr+yfo2qRyXGl3fijxEt1arK6R3EYi1JzDIARvicqA8bZV1LKwKsRQB+h+72pk1rFPsEkaOEYOu5QcMOhGe9fPn7Omg6d4D+Nfxx8H+H7OHR/C+n3uk31lo9mgjtbOS5sszeTGPljVmjDlVAG5mPfA+iKAPEvGX7Slr8Nvj9oPgDxdokuh6D4ltlXQfFkk6ta3eoBiJLJxj90+Cm0k4YkgV7WW9q4n4xfBrwr8ePAN/4P8Y6f/aGj3eGG1iktvKpyk0TjlHU9CO2QcgkG0vi3wr4N1HSvCNz4gtLPVDp7XFrZX96GuZLaAIjyku25gMjLsck5JJwaAOupu72rL8PeLNF8Xae99oerWOs2aStC1xp9ylxGJF+8hZCRuGRkdRmvmzV/2xfG3iXVLvS/hh+z9428Uz2872zal4iMWhacWViGZJpS3mKMHoBnFAH1Pv6Ubsda434keF/EXjv4eXuk6B4ouvAGvXiRbdXtIIruW0w6tIqq/wApLKGTd1G7cORXmnwh/Y38O/DDxxbeONU8XeMviB43gikij1nxRrUk/krIu2RY4V2oFI4CsGxxjkAgA2fjb+1L4d+Buu2Gi3/hrxh4n1a9tTeR2vhbQ5b8rEHKbmYYUfMMYzkZBIAIJ6D4J/Gb/hdWgX+qf8IN4z8CfZLn7N9i8a6R/Z1zN8it5kab23J82M56g16Jto29aAPnPxl+3h8Pfh34r1jQvE2i+NdGOmXT2r6jL4auZLOba23fFLGG3IT0OOa9n0n4leHNb+HcHju01Jf+EUm07+1l1KeKSFRa+WZPNZXUOo2AkgqCPSul29Pb2qK5s4b61ltrmKO4t5kMckMqBkdSCCpU8EEHpQB86/Bj9orxT+0V8WLu+8FaPbQ/A7SkmtH8TanFIlzrl6MYNkmRthjIOXYENkgYPC/R3ljr36/5/Cq2m6TZ6NY29jp9rBY2NugihtbaMRxRIOiqq4CgegFXKAEpaKKACiiigAooooAxtW1K6gvLWzsYY5riYM585iqrGo5OQPUqPxrkY5NP8O61NfSaDnXblnZVt51mAOPm2qOVJHXahJ75rt9S0O01ZojcozGPIBRyhweoJBHHQ/UCprHS7XTY2S2gjhVvvbFALY4yT1J9zQBy7TeJ9aLCOJdJhPdiN/b2J9e1WdP+H9nDci61GaTVrodGuGZkX6KxP6k47YrqMUtAHG/EixMGk2esQhQ+jTrcmMxhleE/LKvPT5CTx/dFYGtaWtr408LXdpZ+ZPJcX+kPcQrgQ288H2syMVHGZLG3TJ/vAegr0bVLFNU026s5BmOeJomHsykH+deXzaTceLvhqkMRkOsWyQ3EBjKl3u7KYEJywGHMQVhkZWRgTzQBta40axxtArAOBPGsSkssvCEcDP3Sx64/OuKs9Ql1zxtJHDMJ1tG8qOGMsoExViAc9dhLkeh21nfEX43aR4I+Fen+JUiuri11C5iXT1t4sXEkhDO8bhmXYyhHDKxBVl24zWx+z1bwyeDdK8UM7XF1q0Mc7+kccgyF/wB4MSrHpkHBIGa76X7uk6r66I8+r+8qxpLpqzt9K8KHR4fKuVkuWkzsS3G1R7HJOMZH5nvk11NhHJJpaR3SlG27HDEdOlPur+OztZLi7lhs4VGTJNIAqj/aJwP1rk5/it4Mmmk08eKdN1C8aFpfsmmzLczGMRl8iOLcxyoJGBzwByQDwtuW53pKOxqXELPE8RO2UfKG6HzU5VvxWti1uo5rWOZWDh1z8mWHTnpmvOm8eLcWKPonhjxVrjbdnlyaU9hJvQKwY/bTAMEPjOfXrg4n1Hxj4n0GPVZh4bsLHToWka3m1vWktzKwI4VYY5uCNzDndwAVGeEM3NatI7+2uTPbeW4YGItjJ/vAY5x/EQe+K8L+Inw211tSN34bvJNLgmtGgATUHt1s58E+cwXiSMjHy4OCi4UhmK+g23iTxTqbWt1f3Nv4dt7iFZJ7WPw9dXcynaRujnMgUH5k+9CfunINQvoXg7WNPgj8V+Ir7xHLBIZootc/cQhvk2FraOOKOQoY1Kl0YqSxBBY1E4qouVmlOo6b5kZXwY8HyweB9MMZm0mIxyXUFrLGQUgeRmjDBuV/dlcg8jOO2a5i40/WZPh/43Xw0lxF4qj125+1FmSSeZGljw6b12t/obRFFwcBVHJGD7d4R8U2niLyIbuwWwuNvnWUcmW86DA2urMo+bnleSOOtQeMPhrpviPWLbWDasuqQYCXdrdy2k20Nny2kidWeMnkxsShxyD0q1oZyvJWPEfhX4W8WXWgrJ4hkn+2iciISIkU7Rs+I3bYFUNghQoIICjKqSRXR694FOoaJe2F5FNa29yklnKIYl3xq6lN4JLYYcEMRgda6ZvB/i7wxHJZ6XrkPiSdtjxWfiKCMKEAYPGlxAiuhOV+eRZvunjnIuaP4ht/EU+oW2PsmoaZKLa90uZGWRSMgPjHMbgFkdflZQehUgdHtG9kcnsElqz4z8afDfTdN1JNGutaA1mS8hdGj06a2iCCOaOHf5cjMm8S7d2/qNpB24PKePtUt/BceheFdPlvr5hJHJcy21wbWNTKzABn8wthZMYAJ4ALNlcH52/4KRaD4uvv2tPE8mkafrk9ibWxVJLWOaVDi2Q/eXKk9c++fevs39k34U6Nq3wp+HN54o0FrzxCdPhYTaiGV0VTKNrEjKsrBmBY8AggcivSw2Ije0lsu55OJwel0932OLm+zeJtGh0DUdRi1TVY442uZIblRIkiYJb+8SW7leQ54O4iuv8ACPg9dE0FLGKaQRQkzyeVhGlYNufdJj5mwWABG0DOAMV6Z4V/Zm0PRPG9140kv7i8tpppp4NPjj8sW0szFmYsp3Ffm+RSF2jGd21Sem+JXwG/4Wn4Lu9P0dP7H1DfHMlzdHes21hmORgC2CFPzbjjjhgStd8sZSbUOhwwwNVJzPD/ABPF8N9F82/8SaFp7Tt+4j87S1uri5YIwUFmVvQtz/dzyBXofgbVvDV5okD6dqNtp2h+QJLdbOMRoh3FggRm/d7cMGBAwxbgHkW/CPwa+HFj4GsvA/inUovFviBC0v8AxJTPctAfNkCmPyAXRFBaPcwH3WB44r0DwlNo9j4Rj03wZ8OtWuLGxuXtj57QW4jO4s5f7RN53Jbn5Cc9RxXDUxVBN+zTv+B6NPB4iSXtGrHlfw4+M3h/xlq12ulLqUBtdkymUh3niZiwaMjJwHJzwpBk3Yy3Fb4h/H+X4YeLtJ0K30u8v7aZI52muMwyiOSV4yscZj/ekFGVVBAwQu709p8OfCfUPBM2vHwx4K8K+HFvgsi3cWqXEzysrggPbi2RY1CtJhI5SoOAAM5HVL4H8S6w2iz6prHh6QWf7xjb6CxmDFyW8qWW4fywU2KTtJyC2QCFGEsVS5rqF1/wDojg6vLZzs/+CeF/Fb4I+MviMti+iQRpHbh1a3kuGs43JEflyF0ZtzRtG2OON2QcjnpPFPgzxpovgO7bQrd7zUIbKOK6hmdZTcoCscsiRJj5vL8zCg88gA5APrNt4FvptKC6n478RXaZDyNutLUjGQVDwW6MAc/3s8DnrmDSfhf4X1KC5uPter6lHcboZg/iO+mgcA4/1fnmMHjPyqOTnvXK8TJ9DoWEp6u7uzyL4Y3Wt2HgPwNa6yz6drv/AAlES6bFeRGG6u7bywJmki25DeQbnPyqMIrEDlh9I6pePFGkMH/HzMdqe3qTXnWneGbPwX4xuLXwx4PsMQ2yStcwyJDcYkLgpuYZZcqW69TWs3iR9EujcahY31mMeWz3aeZEB3AlQsAfdgornlLmlc64R5IqNzpY76axWRZyL63QlGljGXT2Zf601QsiosDq+MtbyZ4Yd4z/AIVUsRFeyQSWdxhVAI+bDovXPo4Prz1FQw3dvdalOYz9mV3VUbGB0zux6mpLGalbT3SxrFIUtwrYj/jBB+aM+uOuPSrejNbtcRhkHl4AjH8KsBz9SRyDU82WSWQj95GQtwkfXj7si+46/Ss2aN4JJZfLXyScSLGfXkOPQHqPxoA6/bUNzZpdQtG/GeQy8FT6j3qrpOofaozE53SqMhh0dT0Yf1Har006QRs8jBEXqSaAOV1CGaFXy2JI2zJheuRwykdAe/vXnNnJL8PkuoZUvrnwu0hNn/Zto9w+lbgQY5I0y5g3EhGRCIkO1tiRhj6jqF9G0kc8q+Wibtin/WSjHIPov16+1c1N4ytfDnnRW0aXcz8k9l9s9xTWgHy18EfAMXh+TxxL4j+JPhnU7mRxAHXWEvDDcBnzcSLKQIhvZcp/eXBxgZ8/tfgjYzaHe23iv4ueHxq9iGuNM0231caoZI2Um4dVLB1EgSLaVzgI3yZJr6v1bUjrMkjTQQAMclfKB75x06Z5+tZ81us1u8GNquhjwODg5HA/HPSu9Y6um3ft+B5/1GhZK39M/OLQv2+rL4n2vh/4X3Pwyk/sm8vLKws5Y9caW6tCJI1VojJHtLAjjdj7zL0NfaHhD4ZXdnoi+H9RhaDw5by7l0/7YRJf/M5Y3ZRVJDGTmJcKwVQzMCVrxzQf+Ccfws8B69pHiDSdb8T32uaZew3ttZrdwPudHDAMqwbsZGSQOgx3zXs3iab46/ETxDd2vgPTfCnhzRJNqRa3qxmubonaNxFuSsancSMMWBBBrklVnKPK3pudapwjLmS12PU1ub3yXCz/AGO15LR2Ua20Q9ckckHuGZq8h8fftP8Awj+EbTRax4y0uO+j+VrDTW+2XJP90pFuIP8AvkY7Gq9p/wAE8/FXxO/0j4u/GnxB4lhDFX0nSf8AQbJlB5QxpjH517p8Lf2H/gv8IFifQvBNjJeRjaL2/QXEzD0Zm6/iKyNT5Ji/au+IvxYvHsfg38GNZ1UE4XW/EyG2tlU9JPKHJXpnDV12l/sU/Hb4yKJfi98XJfD+ky8yeHPB6i3iH+yzrjevuxJr73s9Pt9Pt0t7WCK2gThY4UCqvsAOKn20AeAfCD9hX4N/BcpcaP4Tt7/VOS2par/pMzE/e5bsT65r3q3tYrWFIYY1hhQbVjjXaqj0AHapqKAGlfenUU3dQA18bD9K/EbS/upjnjnFftyzDpXhi/sTfBhTgeDmU5426vff/Hq4sXhvrVPkUrH2vC/EFLh+vUq1afOpK3Q/OLTu2K6fTc+/6199r+xf8Hl+74VuB/3Gb/8A+P1Mv7HPwkTG3w1dA/8AYcv/AP4/Xj/2O/8An7+H/BPuaviBhZ7Yb8UfEmnr07/hXT6af88V9dL+yH8Kl+7oN8P+49qP/wAkVMv7JvwxT7ui6iPp4g1H/wCSKP7Hf/Pz8P8Agni1eMqFTbD2+aPmbT8nHU11Gn846mvdl/ZV+Gy/d0vVR9PEWpf/ACRUq/swfD5eljrA+niTU/8A5Ip/2O/+fn9feePV4kpVNqP5HlWn/nXT6d7V2a/s1eBF6W+uj/uZ9U/+SalX9nTwUnRfEI/7mrVf/kmj+x3/AM/Pw/4J49XNo1Nqf9fcZ2n54610Fn2yf5VSX4A+EUxtbxIPp4r1X/5JqQfAvwqpGLjxMP8AubtW/wDkmn/Y8v8An5/X3njVcT7TaH9fcXb3C+35VgXvGe1af/Ci/C7dbjxOfr4u1b/5JqM/APwic7n8Sfj4r1X/AOSa6qeW8m9T8P8AgnmzU5dF/XyORveM9q56+4zk4r0w/s7+DW6/8JCf+5q1X/5Jpjfs3+B26xa8fr4o1T/5Jr0qeHjDeT/r5nHPD1Jdv6+R4tffLnt+IrAvhtz2/CvoRv2Z/ATfetdbP/czan/8k1G37L/w9brY6wfr4k1P/wCSK9KnOnDdv+vmcc8BVls1/XyPl++784/EVz19xnt+FfXrfsr/AA4brpurH/uY9S/+SKib9k34ZN10jUz/ANzDqP8A8kV6VPG0Ybp/d/wTjnlNaX2l/XyPii9OM84rnr73OK+82/ZH+FrddCvz/wBx/UP/AI/Ubfsf/Chuvh69P113UP8A4/Xp084w8N0/w/zOOWRV5bTX4n5433Ge34V+gv7GOP8AhnHwv/121Djr/wAv9xUn/DG/wjkznw1dH663f/8Ax+vTPBfgrR/hz4Zs/D+gWhsdJtN5hgMzyld7s7fM7FjlnY8k9a5MzzSljaMadNNNO+v/AA56OV5XVwNWVSpK6aOipu7vinVwnxw+J1r8GfhH4u8bXgR49E06W7SJzgSyBcRRdR99yq/8Cr5o+mO53U6vnv8AY/8Aj34q+M/hvxRp3xE0nTfD3xF8L6r9g1XStMDpEsbxJLbzKryOwDq7DO45KHp0r6EoAKKKKACk20tFACUtFFABSYpaKAPGry31DQ5orjTJQknhnWJpJ7RULG606ZDI8QCqWZ8OZEVR80kEakgE15l8ctQ0Dxl4q0LWtL+I3hmx06dIokhu9bFvLbzLI7POtuTiR9pVGjYKfl2NwzY931yBbLxpLuH7nU7ANjOA0sD5z9Skn5JUqQpJErQosNzCcBI1LyPkAAn6j+XatadSVKSlHcqMnB3Rwv8AbeofE79xZLeaH4eimC3WoXdsYpdUMfPlW6uQyxtwGmKgMp/d53b09j0yxt9N0+2tLS3SztoYkjit41CpEigBUAHAAAAA9BXJMrefBJLKguZMSK78l8DhcfgR+XvV658YXN1dS2Wk6VNd3MWBK8/7qOJiM4bPU4IOO9ZiOq3DnJrntU8c6Xpswt0la+vW4W1s18xyfw4GPrVL/hEtT1pt+u6sxiPP2KwzHEPYseSPyPvXQ6VoVhocPlWNrFbL32Ly3+8ep/GkI5ySPxL4nidHSPw/YyqVYN+8uGUjB9h+efapLb4b2dnaQwW+p6tb+WgTdDeMucdyOmfwrrPLFOoA5X/hC723jWO08S6nCgGMSeXL245K5qhb+Db3wisVx4flW5l6XlrdvsS7PZ8gfLJ0GehAwema7mm7M9eaAOPHjWf94dR8N6naWSnY0zRiXa2MtlFJO0f3gCKoeJ/CGlfEq3ttU0rUjbapa/8AHpq2nOont3AODkgqQNxzHIrIwOGU135Xd1riVt7zwl4g1fUZdMbULPUJFdriwAMsSqMAPFjLd/mUk+1AHL2fiy/sfEV7oHiWGGz1CS4IsJopMWuqRlWcFFznzlVGZ4+cbSwLLivjj9q/9k34c/Gz49W1/wCIvF+s6frl9b29mtrp8KmKMbwkKlyhVWYscKzDoP7wz98X+n+FvilpH2e4SDVIElSZdrFJreZGDRyKQQ8UiMoZWGGUjIINeSa9+zfqo8ZWviOPUrHxS9tNA6Wepk6Y0xiJaN7iaCORZJFYRhSsMZKoocvhcdeHnSjJ+2Tas/vtoedjqeJnTSwrs7q930vr0ZwnwqsPDP7Num+H/hZpurXWpXNgqxw3F1DhRJLIZESSRV2qxEoAU9SwxtLDd614oW88VahoHhW1vYrXdMmralbwqxkNpGW+TIG1d83lqdzAsglwDg4xvHXw9a215PF9/wCEvD9tfxpG63A8QXk0Zu1jURMbUW6LKEYYzvQlVDHkKF6vwZ4B12e3nuNcvvJuL91kvZ7eBYJ7rbnYpAz5caAkKmSQMkksWY7YjEQqRiqS6a37+RxYDA16E6k68rpvS3Z9/MyPEfg7w7qOsXVhYQalJrSpG0l3pDoPOjQkItwHVopdjE7RIjBcnbgk5cPhPqt9k6jHqurwn5/K1HxHPExbAB3JbskRGABt24GMgV7BpWi2Wh2ot7G3S2iHJCjkn1J6k+5q4VB+lee25bu57cYxjsjwq08A+E/D82vSeL/B+hibUQZjd/2PFOHVmy0UkoQlhujRsOTzj0Fd7Bpnw/8ADdvbyW1hoGnDyQYRaW0KnyySfkCrnGSTx3Jrt2jDKVb5lPBB6Vmab4T0fSMfY9Ntbcg5DJEAR6c0izCtfHEU9ukem6Zf6k6gASQ25SI/8CYAD8qfC3iy6iKQWdjpcYPytdSGRwPTC8frXXBcUu2gDkNO1TVtDa5tNUsrjUmWTfDdWMHyyIwBIIycENu/DFU7fSYfEXjSW+vdDY2rWAh3X9suQyvnjPqG/Su6ZN1G2gDmbn4eaZ876fJcaRO38dnKdp46NG2UYexFY0es3vhki11QLaHdtjvChazmz0YMMmJ/VW4OOCa9BpjRhlKsNyngg85oA5PT47C6ljuNJ1aG8ZCPNEMysWPcZzxmr2P31wty6mCeQEx4KvF/dbH171YvvBui6kd0+mWxkByJY0CSD3DLgj86y5vBt1ZLnStYuECni11D/SYD3xg4Zee4agC5NBbvBcxXUix3CEMWPRjjAYD3HBqppOqeS3mE8dJVzklRxv8AqO/tXP8AiPxLqnhm3hbUdCWDy3B/tGzYywfjkbkHsePeuZsfHXl3zXDTRyh/mVY3BOc8/XNAHq95qpmj3RsYbf8A56/xyf7g9PeuN8UeKordRbWJBGMlP7jY6t6n61zOseOpNYYraiVtw+bah3dOgHGBVS10HW75lFvo9yyno8ilV/MigCO+1CfUpvNuZC7H16D/AD+VU5LiOMsGfLd1X5mz6YH+FdvpPwkvbtlk1W9FvHnJht/vH6np+e4V2+j+BdE0VVEFkkjr/wAtJ/nbPqM8D8AKAPINP0PWda5sNOkdCTiWY4Q/TJwfzz7V2Fl8I57638rWdR3wt96G2HbOQN5GR249q9N2/LilxQHqeH6R4CsPB2tXCTWMcp81U+0Tjl0J/ds56FGHykn7rDB4YY9W8MwLDZyoLRLP94flSMKDk9sVZ1jw9Ya9Esd/brcIMjDEjIPUHBGR046cVoBQq4HAoAXFFLRQAUUUUAeU/HL9lv4Y/tJ/2J/wsfw1/wAJH/Yvn/YP9PurXyfO8vzP9RKm7d5Mf3s428Yyc8r8L/2CvgX8GPHWmeMfBvgf+xvEem+b9lvf7Wv5/L8yJ4n+SWdkOUkccqcbsjBwa+gKKAG7fekaPd3/AEp9FAGZF4Z0m31651yLTbSLWrmBLafUUt0FxLChZkjaTG5kUsxCk4BY4xk1m+NPhr4S+JOnwWPi7wvoviqxt5fPhtda06G8ijkwVDqsisA2CRkc4JrpaKAMKTwJ4bl8I/8ACKvoGlv4X+zCz/sRrKI2XkAYEXkbdmzHG3GKp+HfhZ4N8I2gtdC8J6Hotqtq1kINO02G3QW7O0jQ4RQPLLu7FOhZicZJrqaKAMMeB/Do0vR9NGhaYNO0ZoZNMs/scfk2LRDbE0CbcRlBwpXG0dKgm+G/hO58YJ4tm8MaNL4qSE2y65Jp8LXwiKlTGJyu8Lgkbc4wTXR0UAcX4V+Cvw+8C3EVx4b8C+GvD9xFI0yS6VpFvbMkjrsdgUQEFl+UnuOOlaWn/DvwtpMOkRWXhvSLOLR5ZZ9NS3sIkFlJIGEjw4X92ziSTcVwW3tnqa6KigDOs/Dumafquoana6faW2o6j5f227hgVJbny12x+Y4GX2qSBuzgdMVo0UUAFeWfGr9mH4aftESaG/xC8MQ+IW0V5Hs2eeaFk3gBlLROpZTtU7SSMqK9TooA5n4f/DPwt8KfDcWgeD9BsPDejxs0gs9OgWJC5xudsfeY4GWbJOBzXSbOMZNOooAaFxx2p1FFABRRRQAUUUUAFFFFABRRRQA3djHFG72rxr9sD4wa18Af2d/Fvj3w7a6fe6zpK2xgh1SJ5LdvMuoom3hHRj8rkjDDkDr0rzfWPjd8bvgr4t+H/wDwtGz8A634Q8Xa5beGxc+E4721vLG7uA3kuyXEkiyRkoc4II680AfV9FFFABRRRQAUUUUAJXBafOfD/ibxBb7GdVuI76Nf4nWddr49g8Z/Ou+rifFkJtPF2j3SAL9thmsGb/ax5sX/AI8hA92oA4z4kfB/wx8RGMl/ZahAt0xdoZLx/sZkKECYWzFolkG4nzFQMTyxaodN+Euj6Zo+m6Muo69cwWf7m3kt9curONEKqqoBbvEu1dvC4wMn1zXY6jqdtpax210WuLuYeZBBDG9xcFMAcKowBk9SQPesqbX209LOS+0S802weXyJrq/MaJC7AhWwrngnHzdB607u1hWV7nRxfCfwck1zNL4Z0q8ubpg89xdWiTSSMCSCzOCTgk4HbtV688XaVpMv2C3LXt7GMfYNOj8117YIXhB/vYFYWhKfHV5q5u9Snu9KtLj7LGlrIIoZ8IpbcUO5uW9QDnpXZ6fpNnpNstvZW0NpAvSOFAo+vFIZhMnibXDy0Phy1PJC4uLk8+v3E4/3quaX4M03Tbhbpkkv78f8vt85mm/Bm+6PZcCtsqGxn606gBu2kaJG+8oP1FPooAy9b8N2HiG3jhvYd/lNvikRikkTdmVhyDWMng/U7HM1p4nv3us8C8CSwsowApTA5wBlgQTzXW0lAHMaFf3HiCbULTUrSJLnTpEia6tHYxyMV3ELkZBAK5GTjI5rlfiF4I1Bb6317w60ltqtnIrGIMGhv4By9tOCed2TsfrG3PKl0fsL7wZC95NfaZdzaPqEp3SS2+CkreskZ+VvrgH3qquv6zoXy63pv2u2HB1DS1LqBnGXiJ3D1+Xd9KAPl/41eMPHniG38Iah8NNMubrTbqWQ3Nutt5jrdoTGba5jYZgRT5ityCCCMrgb7f7RXh/4k6Lr3hu88KWgt9AjhY3dwvlNEj7yX+1SyDKxGIJucMCdrfMDtFe3+LtP8F6teWXieKyudR1iR0tEn8PXk1tdzquX8uQwyIZFQb32SEhecDJ5zx4P8Oa2thZaAk+uXBaO++3a7fXGrJpqnDB1F1JIFmOBtUcggscAc9kMU4JKy0/G5xTwkajbbev4W/zMq58ZSLDJYeGNPE90kv2cahqkEpg81SyyfZYVAaZgVAOwLEecyhgQdK2+DF/4wuL668ZatfXdjeoqNojyr9l6oxLQAGLG5AQGEjr08w16bovhaw0FpJYEaW7m/wBdd3DGSaU/7Tnn8BwOwFa23HPeuRtt3OxRUVZHJWPwp8OafbwQw2kyrDH5UZW6lTavoArAAewAFV5PBF3oAv38NXFvbpcRAGyu4mkRnUNg79wYE7uevSu3pNtIZysGoeKb23iVNIs9NlK/O97d+YQ3f5Iwc/8AfdLB4Z1m4TZe+IpIov8Anjp0CxbeegdtzfrXU7aKAOch+HuhpJ5lxaHUZu8moSNcHJOc4clQc+gFOi8HixmuW07UbjTobiTzWt4Ej2BtqqSAVOOFHT3roqKAMTTfDIsdVl1Ga+uL26khFuWmCBQgYtjCqO5P51rtEJFKuA6sMFWGQakooA4u78DXFgzHRrmNbQkn+zrsExLuOWEbD5kB/u8rz0p89xqtusZvfDol8oZWbS7lZHTHojhCf1rsNtJt96AOKs/FGmC9Co32S/dtzw3iNbvJnqCHABPfgn6VsyStaxyRfZi1tKQsfmkAJnJKt3xWpe6Za6lbmC7t4rmE9UlQMP1rjde+HM7WoGgapLpvlnctlOzS2pPXAGcx8/3Tj2oAdpupCO4aFZVMsb5R8/KCePwUj9eataxrkdkv2i5lR5F+7/zzjOOij+Jvc1w9l4J8YC4LJaW1s7AqZ3vQwOfQBST+QrU/4Vd4h1Rg+pa5ZwMBhfsts0mOP9ojH5UAY3iDxRNrkmP9XGBtbnmTHTdiuckvIo7hIAxkuJDhYIgXds9MKuTXp9r8GdOVka81TUbwj70YkWJD/wB8gN/49XW6L4Z0vw7EY9NsYbQEYLRr8zY9W6n8aAPItL8C+I9YUMlimmwnkSag5VvwjXn/AL6K11umfBuxX5tXv7nU2OcwqfIhwR0wp3H8WNeh4ooGUdL0LT9EhMVhZwWcZ6rDGEz9cdT7muF1vw5N4f1Ca8sbSa6hlkMixW0ZZsHBaIgZxhtzI3QZZTwc16TTduOlAjP0bTX063dHk8zc+8cYxxWlSUtABRRRQAUUUUAFfOHijw/pXxn/AGsL7wh4x0m38QeEvDPhS11S10XVLdbiwnvbq5nja4khcFJHSOAKhZTt8yQjG7NfR9eUePvgzrGp/E3TviF4K8TWfhfxTFpr6Nff2ppLalZX9mX8xFeJJ4HWSOTLLIsg4Z1IYEYAOP8A2USfD2ufF/wDbO//AAjvhHxT9m0WB3LCztZ7SC5FsmTxHG8rhF6KpCgAKAOX/a4lb4x6X408AWcj/wDCM+FdBude8UywsQJrj7PI9hYEqf7y/aZF/uxQg8S4PpXhv4D674L8G3lroHjuTT/GGs68mva/4lfSopv7QkLoZ4Ut3YrDG0SCFMMzRqqnczAk2/ip+y38M/itp/iSTUvAnhN/Ems2ctufEV1oFtc3kUrRGNJvMZQ7MnykfMD8owRigDlrPwjonif9nH4Wya58OLn4pRWmi6c8egRfZHi3NaIPOeG8nhgkKjgFizLu+UDLGsr9ie1tNH0/4maJbwt4aa08V3E6+A2R1PhiKVEZLdQQI9kpD3A+z7oP3x8t3ALHuND+Ceu/DXwB4O8NfDTxHofhGPQ7X7PeQXHhlLix1NzGgadoYp4JI5S6l9yzYPmPvVztZdX4S/B2X4f6x4s8S61rp8SeMvFVzDPquoxWgs7ZVhjMVvBb2+9zHEiHo8kjMxZmYk8AHpWKOfWlooAbtpdtLRQAmKOfWlooA+cPFHh/SvjP+1hfeEPGOk2/iDwl4Z8KWuqWui6pbrcWE97dXM8bXEkL5SR0jgCoWU7fMkIxuzVj9lFj4e1z4v8AgG2d/wDhHfCPin7Notu7lhZ2s9pBci2TJ4jjeVwi9FUhQAFAHYePvgzrGp/E3TviF4K8TWfhfxTFpr6Nff2ppLalZX9mX8xFeJJ4HWSOTLLIsg4Z1IYEYo+G/gPrvgvwbeWugeO5NP8AGGs68mva/wCJX0qKb+0JC6GeFLd2KwxtEghTDM0aqp3MwJIByH7YHgz4b+H/AId+IPFt/wDDbwf4l+IGrmHR9GuNW0K0uLm81K4K29ohkkjLNtYqcE8LGemK9a+CPwvsvgz8JfCngiwbzLfQ9PitDLjHmyAZkkxzjc5dsA4G7A6VR8d/B8+P/ih4A8T3+sbdH8IyXV7Doa25Iub6SPyorh5N+P3SNLtXYeZM5GMV6Nt96AF/GloooATn1paKKACiiigBMUYpaKAOd8ceFG8beF77RF1vVvD63QVJL/Q5xb3aIGBZY5CrGPcuVLLhwGJVlbDDwv8AYH0Wz8O/BPWdLsUaGysfGOv2tujSPIyxpqEyqC7ksxwo5YknGSSea9+8VWeuXmh3EXhzUtP0rWGKmG71TT5L63TDAtuhSeFmyuQMSLgkHnGD5h+zt8FPFvwTsdV0vV/GOjeJdHvtQvdWEdl4em0+4jurq5M8n7xr2ZTGC7gLsDYIy5xyAez18f8A7cXiTV/FXjT4W/Czwz4TuPHl7cakvirWdBtruC1+0adZMCsbyTsqBXneMkE8+UR1NfYFcrb/AAw8NWvxIvPH0enf8Vbd6dHpEuovPI5+yJIZFiVGYog3ksdqgk9SeKAPjzQviL438G/tyeGvEni/4ZXvw00T4k6b/wAIzc/bNWs7+O51C2DzWsu62kba5UmIBxyCME4OPtWx8YaFqviDU9CsdZ0+81zS1ja/0y3uo3ubQSLujMsYO5Ay8jcBkcjNZPxG+FPhb4taZpth4q0v+1LbTdRg1azxPLA8F3CSYpVeJlYMuT3wckHIqPw/8IPCXhX4heJ/HOl6SLXxT4mS3j1bUPPlc3CwpsiGxmKJhePkUZ75oA7KiiigAooooAKKKKACiiigDm/GGjXepf2beWCxve6fceckcxwJEZGSRM9iVY/kKwl8P6z4mv4E1FbjRdIjh2yWtvcLmSUHGcr2IJ/Ku/2/59aNvagDirv4VaVFbq2keZpeoQzLNBdB3k8tgckbS3Ib5gR/tVreFfC0nh+bVJ7i7F5dX9z57zCMpxgALjceBzj2OO1dBRQAYpaKKACiiigAooooAKbtp1FAGJrHg/TdamFxJE1vfKMLe2jmKcf8DXqPY5HtXP6p4L1bXWt9N1TU49Q0RXMrvtMN02M7QSvynB/iG36V3dJtoA5HRvBdzHeW93repNrM1muy23JtUY6Owydz/wBeeSFx1nl+lO20tAgooooGFFFFABRRRQAUUUUAFFFFABSYpaKAGGMMpBGQRjkVkx+DdDimaRdKtdzdjECB9AeB+ArZooAigtYbVdsMSQr/AHY1Cj9Kk2ilooATb70tFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHy7/wUw+b9iT4kjp8ljz/ANv9vXkH7UHwj1D9m3wp4T+M0PxN8W/ELUfCWrWb23hvx1c21/a3YmkWFlt0SGMx3AVyyyDcw2HHc19rfE74X+GvjH4I1Lwh4v046v4e1HyxdWfnyweZskWRfniZXGGRTww6V5x4O/Ym+DHgXxRp3iLTPB3n6vpz+ZZ3Gr6pe6mLZ+MPGl1NIqOMDDABhgEEYoA9XHjTQv8AhJYfDb6xp8fiSW0+3rozXcYvDb7thmEOd5Td8u7GMjGc1t1xknwf8IzfFaL4kvpCv41h0w6PHqjTy5W0L7zH5e7y/vc7tu7nGccV2dABRRRQAUUUUAFZ+saFZa9Zi2voRNEriReSCrDowIPBFaFFAGJo/g/T9FujdRfaLi7Mfk/aLqd5nEec7AWJwMgcDFa09vFdR7Jo1lTIO1xkcHI4+tS0UAQw2kVupWKNIwxLEIoAJPf61NRRQAUUUUAFFFFABRRRQAU3b7806igDOXw9py6qdTWzgGobSn2gIA+04yM/gKsWmnW2nxGK1gitoyxYrCgUEnqcDv71ZooAKKKKACiiigAooooAKKKKACiiigAooooAKbt96dRQAm33opaKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigD/2Q==)

**Figure 10** – One Minute Network. Partition into 6 neighbourhoods as identified by the widest domain identified by CHAMP. **A)** Colours represent neighbourhoods as partitioned by CHAMP. Dashed lines outline zones defined by the single closest fountain to each unit in the spatial network. **B)** Colour ramp represents each node’s belonging degree. Dashed lines outline the neighbourhood boundaries as partitioned by CHAMP.

The second widest domain identified by CHAMP is a partition of 10 communities, still representing rather large subdivisions of the city, but a more modular structure than the top result (table 3).

**Table 3 –** Contingency table. One Minute Network. Widest domain (6 neighbourhoods, lettered) compared with second widest domain (10 neighbourhoods, numbered).

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **All** |
| **A** | 0 | 0 | 144 | 144 | 0 | 0 | 17 | 0 | 0 | 3 | 308 |
| **B** | 0 | 43 | 0 | 0 | 0 | 119 | 0 | 0 | 90 | 0 | 252 |
| **C** | 196 | 0 | 0 | 0 | 0 | 10 | 8 | 0 | 1 | 31 | 246 |
| **D** | 0 | 0 | 0 | 0 | 130 | 0 | 88 | 0 | 0 | 0 | 218 |
| **E** | 0 | 126 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 126 |
| **F** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 99 | 0 | 0 | 99 |
| **All** | 196 | 169 | 144 | 144 | 130 | 129 | 113 | 99 | 91 | 34 | 1249 |

Comparing this against the 6-community structure, we can again see that some smaller neighbourhoods bisect the larger divisions. Here, number 7 in the 10-neighourhood partition is formed by large groups of units from two of the 6-neighbourhood partition communities (A and D), as well as 8 nodes from C. Numbers 3 and 4 in the 10-neighbourhood partition, on the other hand, are entirely subdivisions of the large neighbourhood A. This reminds us that some larger neighbourhoods remained internally closed, even at more individual, face-to-face, scales, while others became mixed at these smaller scales.

Conclusion

This brief discussion only touches upon the variety of analysis possible using community detection to partition archaeological neighbourhoods. By identifying multiple dominant partitions across different ranges of , CHAMP offers a multiscalar approach to network community detection within single networks. This case study, however, already considers different network scales using time thresholds. One could also directly compare the top partitions in each of the three networks.

Another useful measure of neighbourhood integration is the intra-cluster density, that is the total density of node ties within a community. Since ties represent units that used a common fountain, the greater the density, the higher the probability that inhabitants met face-to-face. Larger neighbourhoods have lower intra-cluster densities, meaning neighbours were far less likely to meet face-to-face at a fountain even though they shared more social connection in general compared to other regions of the city. Few neighbourhoods in the one minute network’s 6-community partition rise above 50%. In such communities, ties between neighbours must have been more dispersed, relying upon mutual contacts. Intra-cluster densities approaching 100%, however, would mean that inhabitants of almost every housing unit had an equal chance of rubbing shoulders at a fountain. These would be the most cohesive and perhaps the most bonded neighbourhoods, with almost daily direct contact between households. 28 out of the 34 neighbourhoods in the closest by door network achieve 100%, but not all. The remaining six range from 52 to 74%.

It should be emphasized that there is no single “correct” community partition. Rather, utilizing the resolution parameter and examining its output in CHAMP offers a multiscalar method of assessing graph partitioning. The choice of scale should be determined with respect to the data and the research questions. CHAMP’s utility lies in its ability to narrow down the range of potential options and identify larger patterns across a range of , rather than relying upon an arbitrary choice of partition returned by the default algorithm settings or a single iteration.

As a tool for identifying urban neighbourhoods, this approach holds much potential. A more complex Pompeian network that incorporates additional variables of social integration beyond fountains, such as bakeries, bars, communal shrines, and baths, would constitute a more multifaceted social network. Such dense networks would be nearly impossible to partition using topology alone. Thankfully, the algorithms outlined here can efficiently handle extremely large and convoluted networks, returning manageable but statistically solid outputs suitable for detailed analysis and interpretation.

Acknowledgements

I give my sincere thanks to Peter Mucha for discussing aspects of this study, especially the applicability of CHAMP. I also thank Eric Poehler and the Pompeii Bibliography and Mapping Project for the spatial data underlying this project. The three reviewers provided helpful feedback that greatly improved the accessibility of the final draft. Any remaining errors are, of course, my own.

Funding

No additional funding sources were used for this project.

Data, scripts, code, and supplementary information availability

All of the data and scripts used in this article are available online at <https://zenodo.org/badge/latestdoi/686189050>.

Conflict of interest disclosure

The author declares that he complies with the PCI rule of having no financial conflicts of interest in relation to the content of the article.

References

Bastian M, Heymann S, Jacomy M (2009) *Gephi: an open source software for exploring and manipulating networks.* International AAAI Conference on Weblogs and Social Media. <https://doi.org/10.1609/icwsm.v3i1.13937>

Blondel V, Guillaume J-L, Lambiotte R, Lefebvre E (2008) Fast unfolding of communities in large networks. *Journal of statistical mechanics: theory and experiment*, **10**, P10008.

Csárdi G, Nepusz T, Traag V, Horvát S, Zanini F, Noom D, Müller K (2023). *igraph: Network Analysis and Visualization in R*. <https://doi.org/10.5281/zenodo.7682609>, R package version 1.5.0, [https://CRAN.R-project.org/package=igraph](https://cran.r-project.org/package=igraph).

Epskamp S, Cramer AOJ, Waldorp LJ, Schmittmann VD, Borsboom D (2012). qgraph: Network Visualizations of Relationships in Psychometric Data. *Journal of Statistical Software*, **48**, 4, 1–18. <https://doi.org/10.18637/jss.v048.i04>

Haug, A, Hielscher, A, Krüger, A-L (2023) *Neighbourhoods and City Quarters in Antiquity*. de Gruyter.

Laurence R (2007) *Roman Pompeii: Space and Society*. 2nd ed. Routledge.

Mazzucato C (2019) Socio-Material Archaeological Networks at Çatalhöyük a Community Detection Approach. *Frontiers in Digital Humanities*, **6**, 8. <https://doi.org/10.3389/fdigh.2019.00008>

Newman M.E.J, Girvan M. (2004) Finding and evaluating community structure in networks. *Physical Review E* ***69***, 026113. <https://doi.org/10.1103/PhysRevE.69.026113>

Notarian M (2023) A Spatial Network Analysis of Water Distribution from Public Fountains in Pompeii. *American Journal of Archaeology*, **127**, 1, 85-118. <https://doi.org/10.1086/722233>

Pacifico D, Truex L, eds. (2019a) Special Issue: Excavating Neighborhoods: A Cross-Cultural Exploration. *Archaeological Papers of the American Anthropological Association*, **30**, 1 <https://doi.org/10.1111/apaa.12108>

Pacifico D, Truex L (2019b) Why Neighborhoods? The Neighborhood in Archaeological Theory and Practice. *Archeological Papers of the American Anthropological Association*, **30**, 1, 5-19. <https://doi.org/10.1111/apaa.12110>

Peeples M, Bischoff R. (2023) Archaeological networks, community detection, and critical scales of interaction in the U.S. Southwest/Mexican Northwest. *Journal of Anthropological Archaeology*, **70**, 101511. <https://doi.org/10.1016/j.jaa.2023.101511>

Poorthuis A. (2018) How to Draw a Neighborhood? The Potential of Big Data, Regionalization, and Community Detection for Understanding the Heterogeneous Nature of Urban Neighborhoods. *Geographical Analysis*, **50**, 182-203. <https://doi.org/10.1111/gean.12143>

Scholnick JB, Munson JL, Macri MJ (2013) Positioning Power in a Multi-relational Framework: A Social Network Analysis of Classical Maya Political Rhetoric. In *Network Analysis in Archaeology: New Approaches to Regional Interaction*, edited by Knappett C, Oxford University Press, 95-124.

Shai S, Stanley N, Granell C, Taylor D, Mucha P. (2020) Case Studies in Network Community Detection. In *The Oxford Handbook of Social Network*, edited by Light R, Moody J, Oxford University Press, 311-333. <https://doi.org/10.1093/oxfordhb/9780190251765.013.16>

Smith M (2010) The archaeological study of neighborhoods and districts in ancient cities. *Journal of Anthropological Archaeology*, **29**, 137-54. <https://doi.org/10.1016/j.jaa.2010.01.001>

Thompson AE, Walden JP, Chase ASZ, Hutson SR, Marken DB, Cap B, et al. (2022) Ancient Lowland Maya neighborhoods: Average Nearest Neighbor analysis and kernel density models, environments, and urban scale. *PLoS ONE* **17**, 11, e0275916. <https://doi.org/10.1371/journal.pone.0275916>

Traag V, Waltman L, van Eck NJ (2019) From Louvain to Leiden: guaranteeing well-connected communities. *Scientific Reports* **9**. <https://doi.org/10.1038/s41598-019-41695-z>

Traag V, Van Dooren P, Nesterov Y (2011). Narrow scope for resolution-limit-free community detection. *Physical Review E*, **84**, 016114. <https://doi.org/10.1103/PhysRevE.84.016114>

Visser, RM (2021) Dendrochronological Provenance Patterns. Network Analysis of Tree-Ring Material Reveals Spatial and Economic Relations of Roman Timber in the Continental North-Western Provinces. *Journal of Computer Applications in Archaeology,* **4**, 1, 230–253. <https://doi.org/10.5334/jcaa.79>

Weir W, Emmons S, Gibson S, Taylor D, Mucha PJ (2017) Post-Processing Partitions to Identify Domains of Modularity Optimization, *Algorithms* **10**, 3, 93. <https://doi.org/10.3390/a10030093>

1. <https://github.com/vtraag/louvain-igraph>; <https://r.igraph.org/> [↑](#footnote-ref-1)
2. <https://github.com/vtraag/leidenalg>; <https://r.igraph.org/>; <https://gephi.org/plugins/#/plugin/leiden-algorithm-gephi-plugin> [↑](#footnote-ref-2)
3. <https://github.com/wweir827/CHAMP> [↑](#footnote-ref-3)
4. Modified code and data are available online: <https://zenodo.org/badge/latestdoi/686189050> [↑](#footnote-ref-4)