**Bearing performance and damage characteristics of rein-infused thermoplastic 3D woven composites bolted joints.**

S.Z.H. Shah a, P.S.M. Megat-Yusoff a, Tahir Sharif b, Z. Sajid c, S.M. Hussnain a, R.S Choudhry b, \*

*a Department of Mechanical Engineering, Universiti Teknologi PETRONAS,32610 Bandar Seri Iskandar, Perak, Malaysia.*

*b School of Computing and Engineering, Mechanical Engineering Discipline, University of Derby, UK.*

*c Department of Mechanical Engineering, College of Electrical and Mechanical Engineering, National University of Sciences and Technology, Islamabad 44000, Pakistan.*

*\*Corresponding author: Tel: +44 1332 593596, Email:* [*r.choudhry@derby.ac.uk*](mailto:r.choudhry@derby.ac.uk)

**Abstract**

This paper presents a comprehensive study on the single-bolt single-shear (SBSS) and double-bolt single-shear (DBSS) lap joint performance of resin-infused thermoplastic 3D fibre-reinforced composite (FRC) in on-axis ( and ) and off-axis () configurations. The bearing performance and failure mechanisms are compared with thermoset 3D-FRC. The resin-infused thermoplastic 3D-FRC bolted joint shows improved bearing performance in terms of higher ultimate bearing strength, stiffness loss strength, and reduced damage severity than its thermoset counterpart. Additionally, this paper presents a detailed study on the intermediate and final failure mechanisms, obtained from scanning electron microscopy of the interrupted and ultimate bearing tests, to understand damage progression in SBSS and BDSS lap joints at the submicron level. The major damage characteristics of a thermoplastic 3D-FRC bolted joint include plastic deformation and plastic kinking at the hole front tip, which improve the bearing capacity and reduce stress concentration, damage severity, and its deleterious effects.

**Highlights**

* Single-bolt and double-bolt joint performances of 3D woven composites
* Failure investigation of different joint configurations and fibre orientations
* Effect of matrix toughness on the bearing performance of 3D woven composites
* Progressive damage development and failure modes of 3D woven composite joints.

**Keywords:** 3D composites, thermoplastic resin (Elium), single shear lap joints, failure mechanisms.

**1. Introduction**

Three-dimensional (3D) woven composites provide benefits for developing composite structures using near-net shaped designs, allowing the rapid mass production of complex shaped parts, unlike metal structures where several parts are assembled using mechanical fasteners 1,2. However, 3D woven composites do not completely eliminate the requirement of joints in composite structures, due to the limitations on the size of the component that could be manufactured as a single structural element. The composite structures may consist of three types of joints, i.e., mechanically fastened, bonded (adhesive-bonded or fusion-bonded), and bolted-bonded hybrid joints 3. These joints have been extensively studied during the last two decades, however, the effect of polymer matrix toughness on bearing performance and corresponding damage mechanisms of 3D woven composite bolted joints is not yet fully understood and requires further research to fill the gap.

Recently, there has been a growing interest and the applications of thermoplastic composites in the automotive, wind-power, and aerospace industries due to their low cost, rapid production, recyclability, and better environmental resistance 1,4. Joining thermoplastic composite parts is a critical step in the manufacturing of thermoplastic composite structures. Apart from conventional joining methods (mechanically fastened and adhesive), thermoplastic composites can be joined using fusion bonding. The fusion-bonding process provides the distinct advantage of joining similar thermoplastic composites or thermoplastic composites with thermoset composites or metals 5-7. Nevertheless, the fusion bonding of thermoplastic composites is still challenging, i.e., due to the limitation on the part thickness/size that can be joined 8, difficult to inspect the joint quality, prone to environmental degradation 9, and the non-uniform heat distribution during fusion 10-12. Therefore, the traditional mechanical fastening process remains a promising method for joining composite parts in many applications because it is reliable, low cost, easy to disassemble for removal, resistant to environmental degradation, and simple to manufacture and inspect 13,14.

The mechanical efficiency and load transfer mechanisms of bolted joints mainly depend on the reinforcement architecture (unidirectional, 2D-FRC, or 3D-FRC), polymer matrix (thermoplastic or thermoset), and joint configuration (single shear or double shear). All these factors govern the overall bearing performance of bolted joints. Understanding bearing performance and damage progression is vital for the development of reliable composite joints. Bearing is a progressive and preferable failure mode that is triggered by localized compression. While cleavage, net-tension, shear out are undesirable and catastrophic failure modes and should be prevented as far as possible in the composite structure design. The bearing responses of thermoplastic and thermoset 2D-FRC have been investigated in great detail 13,15-19, but limited literature is available for the bearing performance of 3D-FRC bolted joints 20-23. Warren et al. 20 studied the single-bolt single-shear and single-bolt double-shear bearing performance of different 3D woven fabric architectures (angle interlock and orthogonal), made of carbon fibre. The authors reported exceptional bearing strength retention of 3D-FRC in off-axis configurations. While their bearing stiffness was reduced by up to 33%, compared to on-axis configurations. Also, no catastrophic failure was observed in all configurations. Tang et al. 21 investigated the bearing performance and failure mechanisms of single-bolt single-shear and double-bolt single-shear 3D woven carbon FRCs. The authors reported net-tension failure in 3D-FRC configurations, indicating brittle failure in joints. More recently, Zhang et al. 22 studied the effect of edge distance-to-hole diameter ratio (E/D) and width-to-hole diameter ratio (W/D) in pin-loaded carbon fibre 3D orthogonal woven composites. The authors found that the specimen failed due to net tension or shear-out depending upon the E/D and W/D ratio. All these studies were focused on the bearing performance and failure mechanisms of carbon/thermoset-based 3D woven composites. While the bearing performance of E-glass/thermoplastic-based 3D woven composites is yet to be explored.

Recently, the acrylic thermoplastic resin Elium® has been introduced by Arkema. Which is a unique thermoplastic resin, liquid at room temperature, and exhibits similar mechanical properties compared to high-performance epoxy resins. As of now, several research articles have been published on the impact 24-28, damage tolerance 29, fatigue 30, and other mechanical properties 31-37 of resin-infused thermoplastic composites with different reinforcement architectures. However, limited literature is available on the joining of resin-infused thermoplastic FRC 38,39. Murry et al. 38 investigated the resistance welded and induction welded bond strengths of single-shear lap joints made of glass fibre resin-infused composite. The authors reported, a 30% improvement in the static and fatigue strength of the fusion-bonded joint, compared to the conventional adhesive-bonded joint. Bhudholia et al. 39 studied the ultrasonic welded-bond strength of a single-shear lap joint made of carbon fibre rein-infused composite, and found a 23% improvement in the bond strength, in comparison with adhesive-bonded joints.

The previous studies have several deficiencies in the following areas. *Firstly*, the existing literature on bolted joints is mostly focused on 2D-FRC (unidirectional and woven); *Secondly*, the bolted joint performance of 3D-FRC has been discussed by few authors, however, these studies were concentrated on SBSS and carbon/epoxy-based 3D-FRC; *Thirdly*, the effect of matrix toughness on the bearing performance of 3D-FRC (ultimate bearing strength, stiffness loss strength, secondary bending) bolted joint is uncertain; and *Finally*, detailed damage characteristics of resin-infused thermoplastic 3D-FRC bolted joints are still vague. It is clear from the above-mentioned studies, that there is still a lack of comprehensive understanding of the effect of matrix toughness on bearing performance, damage progression, and associated failure mechanisms of resin-infused thermoplastic 3D-FRC bolted joints. Therefore, the objectives of this research are: a) to characterize the bearing performance of resin-infused thermoplastic 3D-FRC joints under different loadings (SBSS and DBSS) and fibre orientations (on-axis ( and ) and off-axis ()); b) to benchmark the performance of resin-infused thermoplastic 3D-FRC joints against conventional thermoset 3D-FRC joints; c) to evaluate the failure mechanisms and damage progression in SBSS and DBSS lap joints using interrupted testing and fractography; and d) to assess the effect of matrix toughness on the bearing performance of 3D-FRC bolted joints.

**2. Materials and methods**

**2.1. Materials**

The 3D reinforcement used in this study is 3D orthogonal E-glass woven fabric procured from TexTech® Industries, USA. The overall thickness of the fabric is 4.3 mm, and the areal density is 5200 gm-2. The resin systems used for the fabrication of thermoplastic and thermoset 3D-FRC specimens are, thermoset epoxy resin system Epolam® 5015/5015 (purchased from Axson Technologies®) and acrylic thermoplastic liquid resin Elium® 188x0 (received from Arkema®). The properties of both resin systems are summarised in Table 1.

**Table 1.** Properties of Elium 188x0 and Epolam5015/5015

|  |  |  |
| --- | --- | --- |
| Material Properties | Elium® | Epolam® 5015 |
| Modulus of Elasticity (GPa)c | | 3.1 | 3.3 |
| Modulus of Rigidity (GPa)c | | 1.31 | 1.15 |
| Poisson’s Ratioc | | 0.37 | 0.3 |
| Viscosity (mPa.s) | | 200 | 210 |
| Elongation at failure (%)a | | 6 | 3.5 |
| Fracture toughness (kJ/m2)b | | 0.5 | 0.12 |
| Rockwell Hardnessd | | 99 | 119 |

a Reported in literature (Elium® 188x0 40 and Epolam® 5015/5015 41)

b Reported in literature 42

C Reported in literature 25

d In-house testing.

Both thermoplastic and thermoset 3D-FRC specimens were fabricated using a vacuum-assisted resin infusion (VARTM) process. The fabricated specimens have an overall thickness of 4 mm ± 0.1 mm. More details on the fabrication process can be found in our previous publication 24. The properties of fabricated thermoset and thermoplastic 3D-FRC panels are summarised in Table 2.

**Table 2.** Physical parameters of the cured panel (average of ten samples)

|  |  |  |
| --- | --- | --- |
| Parameters | 3D thermoplastic FRC | 3D thermoset FRC |
| Thickness (mm) | 4 ± 0.1 | 4 ± 0.1 |
| Fibre volume fraction (%) | 52 ± 1.5 | 52 ± 0.4 |
| Void content (%) | 2.7 ± 1 | <1 ± 0.3 |
| Density (g/cc) | 1.86 ± 0.02 | 1.92 ± 0.01 |

**2.2. Test method**

In this study, the SBSS and DBSS lap joint performance of thermoplastic and thermoset 3D-FRC were evaluated according to ASTM D5961/D5961M-13, procedure B 43. Procedure B was selected as it is widely used to establish design allowable data for polymer matrix composite fastener joints. The fabricated panels from the VARTM process were carefully cut using a water-based, diamond tipped circular cutter, according to ASTM D5961/D5961M-13. The samples were drilled at a constant feed rate and spindle speed of 2 mm/min and 6000 rpm, respectively, using a silicon carbide drill bit. It is well known that the drilling process causes delamination in FRC laminate at the entrance and exit sides. To minimize the delamination damage in samples, a backup support technique was utilized during the drilling process, i.e., the sample was temporarily sandwiched between two top and bottom plates made from the same material. The sandwich is then mechanically clamped, followed by the drilling process.

In all experiments, the specimen width *W* to hole diameter *D* ratio, i.e., W/D = 6, the edge distance *E* to hole diameter *D* ratio, i.e., E/D = 3, and the distance between two bolts, i.e., 6*D* (for DBSS lap joint configurations), were kept constant. Thus, the overall specimen dimension of SBSS and DBSS lap joints are 135 mm x 30 mm. A 5 mm diameter hole *D* was drilled in all samples. The geometry of the SBSS and DBSS lap joints along with their geometric parameters are shown in Figures 1(a) and (b). To evaluate the effect of fibre orientation on the bearing performance of 3D woven composites, the test samples for SBSS and DBSS lap joints were prepared along , and fibre direction (see Fig. 1(c)). The samples were mechanically fastened using a 5 mm diameter hexagonal socket head steel bolt (M5 x 25 mm, Grade 12.9), steel nut (M5, Grade 12.9), and a 10 mm out diameter washer (M5, Grade 12.9). A 6 Nm torque was applied to all the bolted joints, as recommended by the standard ASTM ASTM D5961/D5961M-13 43.

A close-up of a diagram

Description automatically generated

**Figure 1.** Schematic diagram of SBSS and DBSS lap joint configuration. (a) SBSS lap joint, (b) DBSS lap joint, (c) fibre orientation in SBSS and DBSS lap joint configuration. (d) testing setup for bearing testing, (e) definition of bearing plane for SEM investigation, and (f) SEM of drilled hole cross-section.

Table 3. summarizes the SBSS and DBSS lap joint configurations investigated in this study. A total of 44 test samples were prepared, 36 samples (3 repeats for each configuration) to determine ultimate bearing performance and final damaged state, and 8 samples (1 sample for and configuration) to determine the intermediate damaged state. The bearing tests were performed using a ZwickRoell® hydraulic-driven load frame, at a displacement-controlled load rate of 2 mm/min. The resulting bearing force was recorded using a 100 kN load cell attached to the load frame. In bolted joints, out-of-plane deflection of the specimen affects the joint's performance, therefore, in this study, a linear variable differential transducer (LVDT) was used to evaluate the out-of-plane deflection of joints in all configurations. The LVDT is positioned near the top edge of the bottom ligament (as this region experiences the maximum out-of-plane deformation) to measure the out-of-plane displacement, as shown in Figure 1(d). The red line in Fig. 1(d) represents the LVDT measurement path. The position of the LVDT is selected in such a way that during loading it does not fall on the top ligament. To determine the ultimate bearing strength and final damaged state, the specimens were tested until final failure, i.e., 20% load dropped from the peak load value. Whereas, for the intermediate damaged state, the tests were stopped at 90% of the peak load value. The ultimate bearing strength was determined using the equation, i.e., . Where, , *D* and *t* represent the ultimate bearing load, hole diameter and thickness of the specimen. *k* is a load per hole factor, which is 1.0 for single-bolt joints and 2.0 for the double-bolt joint, respectively. The shear lap strength was evaluated using the equation, i.e., . Where, is the cross-sectional area of the bolt.

**Table 3.** Thermoplastic and thermoset bolted joint configurations.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Cases | Fibre orientation | No of samples | Bolt diameter (*D*) mm | Substrate length (*L*) mm | Tab length  () mm |
| Thermoplastic (TP) SBSS |  | 4 | 5 | 135 | 50 |
|  | 4 | 5 | 135 | 50 |
|  | 3 | 5 | 135 | 50 |
| Thermoplastic (TP) DBSS |  | 4 | 5 | 135 | 50 |
|  | 4 | 5 | 135 | 50 |
|  | 3 | 5 | 135 | 50 |
| Thermoset (TS) SBSS |  | 4 | 5 | 135 | 50 |
|  | 4 | 5 | 135 | 50 |
|  | 3 | 5 | 135 | 50 |
| Thermoset (TS) DBSS |  | 4 | 5 | 135 | 50 |
|  | 4 | 5 | 135 | 50 |
|  | 3 | 5 | 135 | 50 |

**2.3. Failure analysis**

The intermediate and final damaged states were investigated by performing scanning electron microscope (SEM) analysis on 3D-FRC cross-sections obtained from damaged specimens. ZEISS-SUPRA 40 VP SEM machine was used for the failure analysis. The cross-sections of bearing plane regions *B, C,* and *D, i.e.,* the middle plane of the joint,were cut from damaged samples (see Fig. 1(e)) using a water-based diamond wheel precision saw. To get clear SEM images, the cross-sections were first polished using a Phoenix 4000 polisher/grinder and then coated with a 40 nm gold coating to make them conduct. A total of 30 cross-sections were investigated under SEM, i.e., 18 to examine the final damage state and 12 to examine the intermediate damage state. In addition to this, one cross-section of the drilled hole was examined under SEM to detect any delamination that occurred during the drilling process. No delamination was observed in the sample due to the drilling process, as shown in Fig. 1(f).

**3. Results and discussion:**

**3.1. Bearing performance of SBSS and DBSS lap joints.**

In this section, the bearing performance of thermoplastic and thermoset 3D woven composites under SBSS and DBSS loading will be discussed in terms of, a) load/displacement response, b) ultimate bearing strength and stiffness loss strength, c) out-of-plane deflection, d) damage patterns obtained from experiments, and e) comparison of ultimate load and shear lap strength with joining techniques reported for resin-infused thermoplastic FRC.

**3.1.1. Comparison of bearing loads vs. displacement response.**

Figure 2 shows the comparison of bearing load vs. displacement response for SBSS and DBSS lap joints. The load/deflection curves obtained from three sets of samples for each configuration showed good agreement. All of the load/deflection curves began with a nearly linear-elastic response up to the stiffness loss point , followed by nonlinear behaviour at higher bearing loads. The deviation from the linear response indicates the onset of damage initiation and accumulation.

The load/displacement curves are further divided into primary and secondary segments for on-axis configurations (*P* and *S* in Fig. 2), and primary, secondary, and tertiary segments for off-axis configurations (*P,* *S* and *T* in Fig. 2). The slope of the primary, secondary, and tertiary segments obtained from SBSS and DBSS lap joint tests, is summarized in Table 4. The primary stiffness (slope of the primary segment) of the joint, indicates the pre-stress and friction between the contact surfaces of the specimen. At end of the primary segment (also called ), the primary stiffness drops to the secondary stiffness (slope of the second segment). This drop in stiffness is attributed to matrix damage (matrix cracking or plastic deformation depending upon the matrix), progressive kinking, crushing, bending or buckling of load-bearing yarns (in on-axis configurations), and nonlinear shear deformation (in off-axis configurations). Secondary stiffness dropped further into tertiary stiffness (slope of the tertiary segment) in off-axis configurations due to progressive rotation of yarns and shear deformation. The drop from primary to secondary stiffness is approximately 150% and 100%, for thermoplastic and thermoset 3D-FRC, respectively. In contrast, there is a significant drop from secondary-to-tertiary stiffness in off-axis configurations, which is approximately up to 5 times and 2.5 times for thermoplastic and thermoset 3D-FRC, respectively.

![Chart, scatter chart

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4TzSRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIyOjEyOjE5IDEwOjI1OjE0AAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAMwMAAAkpIAAgAAAAMwMAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMjoxMjoxOSAxMDoxNDo1NAAyMDIyOjEyOjE5IDEwOjE0OjU0AAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAKyUAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAkAEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A96uY3mgZI3MbHGGB6c1VghuLWzgt5bppJS5DTY5P3j3z7CgCHT7p70FXmmhlCiQRnaSUb7rfdHoeOo/Kr3kSf8/c35J/8TQBirqWovqtxZi2n2RXAiEpdQHTZGxcZToN5GATyhFRQ6zqMjTK9ndL5cEkoKspBKnAGdg+8OR39qAEXWdQN+1s1ndooYATEqUwVVs5CHpux9cYzzjoBBLjm6m/JP8A4mgA8iT/AJ+pvyT/AOJqnLPJFIitdsvmS+VHu2/M34JxQBPpVy95pkFw+d0i7uccc+wH8qTUrS4vIVS3umt2GcsueRj2IoAq6hdXiXF1HbGQtHDC0aRoGJZ3dcnPYbQeo4zU2nyS3toJGuJlkVjHIAq43qcHHy8jPQ+lAFryJP8An7m/JP8A4msDU7nxDb6qsFgPPgZogC8OAAwfdlwMDG1ecfxjg45AK/8AbGtR699lmgdbHcwEx2KSoz8wLADqFG3qc5HFU4NY8YedGJtNdo3t45C6R7fLdnIZSCMnag3YHUnaDkjJYV0zsY4ZWiVmu5skAn5FH6beKd5En/P3N+Sf/E0DMf8AtVyl5id/NtYvNeMlRuGwP8p2c/eA9sj1Fa2nzPc6ZazyY3ywo7YHcgE0AU7WzutM0q4Et+9zKIRtlZTkFYwueSepUt+Pern2ab/n+uP++Y//AImgA+zTf8/1x/3zH/8AE0htpsHF9cZ7cR//ABNAGBDquqzQSyi2uRstvNALoMuWKiPmPqcZz0HGetOXVdRaOci3viY7lYF/1YDgyFM8p2ADemCOaAH2GpX95deS6XcHzsu99uCBs5GI++8/98n3xt/Zpv8An+uP++Y//iaAKd3JLaeazXtx5caKxIRWJ3EgAKsZJOR29abY3dw2rTWssjOse9Tu2nJCxMCMKMf6wj8KANK4Mwgb7OFMvG0N061CRMUt/OI8zzSTjjj5sdPb/JoAljigY+fHgmRR+8VvvDtz3qTyx6t/30aAMTWdcTTtT0/S4oLma8vy4jMakogUZJY9B6c/0xTjb6tayK8Vx50Z/wBZCv3lGDyrMTls+uBjsK1jype91Mp8zfu9C5Z3vmFI2bfuGVYjDjOeHXA2ngj0yD06VfqJKzLhK6Cq0llHK4ZmPytvUFVO1vUZBwakoTToUt7JII87I2ZFz6BiBS3n2vCC12853EjOOOO/rQBBGM+ILvOCBawdR/ty1e2L/dH5UAGxP7o/KuZvLrUtR1YxWy28OhQxObq73fvDIMEBR3XGc9Py4a4ae92In/L3LtrpumXOnRT6eqbXO5JWQ/N2ORx6f1FJJ9o0SWF2upZtPwQ6uoJjPbBxkjnoeeO/ArRT5/dkZyhye9E2kdZEV0OVYZBp1YG+5SOmQtHJGzuVkj8uT5VBZcYwSBnp70aP/wAgOw/69o//AEEUAQqL4aJOL11afyOSAMbvLG7p1G7J7Vp0AFFABRQAUUAU7vTLW+bM4m5XaQk7oCPcKQD171XgsYLHVoxAJP3scsjmSVpCW/dL1Yk9FH5UAW5rsJG/kr5si/wDPPODjjnHtTFmkmjtpJIijmUgqCeOGGeQPr0oArWmlPY+SsFzOYYsDZId2R82cnIyfmHJz90VJrOqjRtIuNQa0ubnyVGILdA8khJwFUZ5JJHHvQtWJuyKlppEd/pEjXySLcahEDc5G1wpAzH7AD5T+PQ1p2dstnAlsn+riULGMfdUE7R+AwPwqpS5ncUI8qsR3GnRXBdWVTFIDuUgfK395T1B6fz69bFssqW0azurygYZlHBocrqwlGzuS0VJZBbECFiTgCST/wBCNV5tSBgWWxRLxGLDdE+QCBnGVB+lAFed5hq2opb4E7WEfluzAKG3S4z1P6HpU9rqE0ly0M8AjVR/rQThiAM8YwBncOvbv2AKmr6rF9ttdEtruJdQvMsE34ZYl++4A59h7n2rUS0gSz+yeUrQbNhRxkMD1z65q2/dSISbm2x6RJEXKDG99zfXp/SnuiyIyOoZWGCpGQRUFkNpax2dssERcoucb2LHk56nk1PTbu7iSsrBWdpM8a6Rp8RcbzbR4H/Af/rH8qQxiXc93ok8txbNBKbfc0RBG0mMEjJAzgkj8KspqMD6i9iCRMihj6c84+uOffnHQ4ALdFABRQAUUAFVJP8AkMW3/XvL/wChR0AZ+kRRRa1q5ieBi7q0gjILKeeD8x/LC8565Jq7Hew3kFrcxb/LeUgZQg5G4cjtyKAI9MN/GXgv385gofzgAFyeqAADIHr3zzioJ7uGbWkWZ9tvayLGuVyHuGGR/wB8r+GW9qqPVkT1sjYyB1IqNJI3kbY6tgYODnuak0s2rktFAgooApMu/TLlcgZ80ZJAA5buQR+YNZ2iXC6d4WSa4JKRF8sjJJkbj3Tjvj8DmgCzLJLHq2omBN84sYmjUg4LBpcA498VbsrsXMcgYqZYH8uYqDt3gAnHtzQBk2LWU+u/bp7dGvpoc28rIpaKAnCqD1G4gsfqAegrfyM4zzVS3JhflA/1psM0VxEssEqSxt910YMD+IqSh9FABXMabFENR0eYSQecdPRSpI37duem7of90/d6joQDYurpZbPUowkqmBGViU+98m7K+vX8xQY7K7ujCSWmgkWYjbjD4GCeOTjH6e1AF3af+ejfp/hVe6vLWxRGvL6O3WRwiGZ1QMx6AZ6nrx7UAVv7WhlUmzFzeY6eRGNp+jNhf1p3nam4DR2aKD1Wa4CsP++UYfrWnIl8TMvaOXwoVU1V2Uma2iXuChc/TqKpSRava6xNcSaskljJbjZbG2UCJ1PLbs5O4HoeBto9xuyD30rs2I/MWRldtwwCGxj8P5VDJ/yGLb/r3l/9CjqGaIgslP8AbOoybZdriMAsjBeNwIGRg/UZ6iprmXfbpJa7ZW3N5YVhgsFbjPTrSGUP7YubSIRXlnKbgR/fCkI8mBhd2NoJJAHPXPA6VHcRWenaUllcT5vJ1kx5T4keR/vuo69W64OMj15pu0BQjz1FFFVNB1HVtTW91i+P9nmEKukiMbQ+c72YHk44x29a0ptDtpJBJbE2sqfMGh+XcefvY5Pf06nmseS6u9zteJcHyw+Ffj6j4f7Yify5PKlVRxI3V/Y4xg++3HI461pISyKxUqSMlT1HtVRv1MKvs73gOoqjIrwMEtpGOcK8hOBk/ePaqWiqlloaLM3lpGzlmkXyx98nJBxj8aAI7i7Fnrk7tHJIHht48RgkjLTYPHbPc4A7kU+e8g1CNLS2fcZ22uGyCI8AscdehAz6sKqO5M9jN124nnmjs9GuLO1uEmj8+6ufuqqnJRRn5nwSQOQO+MiryeHbYEeZc3ckx5aUzEM3Trjj9Ow9BjJrn1OyFR4dcqSu+/5CfZL6yl2CSW7tHJV90hMiqcdOeoyTx29TitCysjZtIBO7xEKEjIACY69PU+gApxTWjM60ozalHS+5boqjEKwdOXJ0Vgsp22agkI20ZQdTjHYd/Tj0ANO8miayvVWRSYo2EnP3Ttzz+BB/GqoFpcakzJPsltptzgHAdjHgZ9cKRxx0+lAFme5lEvkW+x5jycjhB6nmsi+0vTJriF9SQ6peW8gnhjZN5jccgqo+VfYnHbJquZQXqKMHUlpsixYarqt/ZQzDQ5rR3QMUu5ETafQ7Sx/Skl1a9iu0tZIoEd+S6CSRExj7xAAH3h371neRvy0ktXf0DVW8RpYXA09rI3JiPlOYWKq+OMjdnr9amtHubnTrUXwjmmKfvXijIjY7CG4OSOeMGmm76inCDjeJpRTxTNII3DGNtj47H0/WoJP+Qxbf9e8v/oUdMyLdU1tILSK2t4IljhSQ7UA4HDH+dAFW/kgW5EkgX7PZL5rgJks5GFUe4GTj3Wq+n6Gk+px67qVtH/aSqyQAc/Z426qPc9z+XuS3SNKaSpym927L9f68zeqjey3UQU20Rk+cF/mHyrk569eKDMtQS+dAkm1l3DOG6ipKACigCG1/1Lf9dH/9DNLcW8N3A0E6B426qfzoApJEjeIrpyo3i0hUNgZwXlyPpwKxr6Jrw3Fpprm1vL+PykuIkCtbwKNvm5Hcn7vr8voaG7JsqnBTmk9t/uNBPDwt7exhtbnYLYKHaSPe0uM5YnI+YliSeck9K0p54bC282ZisMScnBY44HQcn8qErClJyd2WD0FLQIKKACqWj/8AIEsP+vaP/wBBFADryGOKyvZERVeSNixA6nbWZrVhE1jO1rHHFfyqyQOqtHmRuhbaQSM8nnoDTSu7Cbsrmd4U1GTXtIZI77zpbeVrfUL2OJozLMv3ljDcgDI+b8va9pn2631ia1ELJaiQkDycJtO75t+PmYnZnn+I8cZqd3dmrajBQj8zoaqy2EEtyJ23bv4lB4bp1H4D64Gc4pmZarLhvLj7XNb3Nq0UblxBgAjavckH+LOQMcYOe1AE9tplvZzvLbmVA5LOnmEqzHqSD34H5U6T/kMW3/XvL/6FHQBbqhNFFaW0IZ5DHHIZC2cHozdsce1AGZYxnUJI724f92JA8MRYEs5Iy59QB8q+wzznjW0u7lvrBZ5oTC5ZhsIIPBx0PTp/Wlu7mlTS0F0/Pr+Jcpi/fb6f1NMzH1WDruH+lOeemF/woukHK5bHKXgxqk9z/bc8McTyRPGsDbQWORkb+SM9cYIFaGnSQy3NpGup3Fwyb8oFI53D73PbHfOevHOQDetf9U3/AF0f/wBDNLcQLc20kDllWRSpK9aAMTVLj7Nql2ybzNLbQQRqrkElnlzjtnAOP5gE1XitNU0/UEMbqA8ZaQJECrsMCOMHGVVeR9Bk8k4H0Lj7sW++n6/5HUVBc20N3H5E6b42HzKScHBBoIC2tltYBEru43FiXOTknJ/nRcyxxKpkuRACeCSoz+dF7bhZvRGdqM0b2BeLVGXbIB5qDftY5C8J1+Yg4PBxzWRpN8k/kJbeIJJ2Zhs82CQhgA5IOcZyN3f+AemKL3CzWjNLQJ4rnMkepzXvyA5MbqmDgg/N3xgdexzyTWho/wDyBLD/AK9o/wD0EUAF3bRrY6gQW/fozPhsfwbeCOnAFYuo3bStc3WHNraI6DB2lsAl8E+oBG7qAOMluH0Y4r3k301/r5m7p0wnsYmEBt8Io8oj7nAOPyI/+tVqkIKKAK7Ld7jtngC54BiJP/oVYGq3GrC4khstS0+HoVSaQbtmz5uNhxzz1P4U9OglfqWEl1Y2G9tRsRI8p2SBsqQVwB90fxkfh3rQTP8AaFmWlEpNtKd4AG75o+eKQy/WPdWbS6Zb2WoXoeZ5R+8KYEhBJ2kDHBHBGeenegadncuiK+AAFxbADt9nb/4umQfbJYEdLy3dSOGNuwz7/foENZ7kXqQG/thMY2cReQeRkfN9/PHT8TTpRdwwySvd2yKqlmf7OeAOc/foAWJrueGOaK7tXjkUMjCBsEHkH79Rq90bxohfQF9v+r+zNgYxk53dfnXv6e9AEN1beSrSztYjJLFvsRYnA3H+I54BqzFbXCqrRS2ajbhStqRwef79AD7CeKRHiWYSyISzlUKj5iT3/wAaku4ZZ7V4oZzA7YxIBkjnn9OKAKM1jHNrovYpVF1HCI8SRllAyTkcgZ+b34PbPNib7ZFEzvd26qOpFuxx/wCP0DbuP2X/APz823/gO3/xdQQNcyz3Cx6hbSPG+11+zn92cDj7349+tAhbiW4t/K869tY/NkEaZt2+Zj0H36m8u+/5+bb/AMB2/wDi6AK0AmvbfIu7a4jJ3AyWp7jcP4hxhh/+vNQtZR2roB/Z8RDKBtsT1YkDo3GTQBZaOaxt5ZfPs4okUu5W1IGAOvD+g/Sp9PESWEMMMhdIB5O4jGSnyn9QaAK95Esdnfm7vnjgnG0MoAMII2/L15z0469qZHoqxWSWaX10sCKFVQI+PfOzOffrQO+lhbayKGWGHVLs+WwDKVj+UkA9dnOev40tzGYBEJtZuYvNkWNMiIbmPRR8nfFAib7HP/0E7r/vmL/4ioreFp42aLV7uRQ7KTti4IPI+5QBBcafDG6GW/nUs4/5YxHcSdoz+79SKqah4W06WWTUr29vS6RMHk3gYTbhuAuOg9KLWKcpPdk1poFqkSrDe3Z8mQ4dgm/cGyeSmSCRn0P0q4kcVtqEIlvJpZmQxxI6qAAeT91R/c7+lBJo01o0dkZ0Vih3KSM7T0yPwJoAdTY40iQJGiog6KowBQBgf27LGfPudDuUm2hUZF3bt235QWCnqemP4SemDU8utO1v82i6hKrko6CIcDJHIJGQcfkelAD7fWZJSijR7+FDkDzIwMAKT0BOM4AwccmootUja7Vv7Iljkc4NyUAQ529H6nPAHHJAFAGzJDFMAJY0cA5AZQccEfyJH408DAwOlAEUNrb27M0MEUbPjcUQDdjpnH1NS0ANEcYkaQIokYAFgOSB70SRpKhSRFdD1VhkGgCO6lkgt2kii81wRhMnnJA7An36VhJ4hMT7ToN7HcyBpHRYwSQu0FuOT97A47dhzQBZuNYIkRW0TUJlB3K4hUgNkjucg8dfenprUrrOW0u7h8oJgTALvLE5C4yCeB9SwFABpl7E8iww6VLZKwHyyRiMnCjoB2Awue3ArUaGJ3DtEjOMYYqCRjp/M0AEkcc0TxSoskbqVZGGQwPUEdxRHFHCpWKNUUsWIUYBJOSfqTzQASRRzRmOVFdG6qwyD+FPoAaI0V2dUUM/3iByfrWPdanIl/JFPpEktvA4aOdRuAOF+bkAD7zcgn7pzjjIAJr8rxsw0fUCcblCx/eBJAwTgZwAfoRTYNbf7kehajEpUycwhRuPJHB6kn065oAW71RBcFZNFu7gxSFVdIQ+MEc+3XI9hmtVfLvLMebGjxzR/Mh+ZSCOR7igCRESMYRFUEk4UY5PWmNbwPMkzwxtKnKuVBZeCOD9CfzNADLyOeW3228gjk3odxPYMCR+IyKrobq2t7CCSVWmd/Lkc5bOEZvb0FAFvZP/AM9l/wC+P/r0bJ/+ey/98f8A16AMvVdXfSXjWSKeYOjODDGh+6MkYLgk+wBrM1HxtaaZc2sMy3TrcqjJLHEhTDJJJ/fycLGSQAT8y4zmgBtz43tLXUTaPHdsouVtvtCRRmIsVRsg78kYde2e2M4zu6bePqlhFeRMyRyqHQOi5IIyDwx9frQBc2T/APPZf++P/r1ny6hLFLKjSwIEnS3BkOC7sFIAGD/eH60AS6Vey3hvRKFBt7kwjb3wqk/qTUmoW91cIBbXPkHGCR/vKf5Aj8aADzppNUmtlZVSOGOQHbkkszg9/wDZFT7J/wDnsv8A3x/9egA2T/8APZf++P8A69Y+q6te6bdpElv9oQwtMzJwVw6LjH/A89eitQBDda/d22qLZrZvMrSKnmRqSeSgJxjtvJIzwFJ9KrSeKL6KTDaZKY/MuUBXlj5RwDtx/GcBfc/TIB0Ns089ukpmjG7+4pI/AnGfyqbZP/z2X/vj/wCvQBQW+nbA822Lfu96K+XQOQASMf5xVvT53udNtbiTG+WFHbaMDJAJxQBXIvbUXdxJMrosbsiehBYj9MCrmyf/AJ7L/wB8f/XoANk//PZf++P/AK9Jsn/57L/3x/8AXoAxIvEDSJcHy3DRJK4AUYfZIYyASQMkjjPXNVI/GUUsUzrDc5jlijGYOD5kxhGSDwQVJI64I65xQBYsvEv229+yKkiyiR423KoA2FQTktzy4xjrhscjFb+yf/nsv/fH/wBegCpqF2+n2r3Ms8axRqzyM6kBVUEk8Z9KZ9suY7u0ik8siaTacA9CjsPTnKfrQBcu2uFgBtk3SeYgI4+7uG7qR/DmqkjT/wDEqMwXzjN+8ycc+U+emfyz+NAC6cl3byPDcP5sexWErPkmQ53Ad9vTGfX8tDcvqPzoANy+o/OqA1zS/NeM38CsnXc4AP0J4P4VUYylsiZTjHdl2KaKeMSQyJJGejI2Qfxp9S1bcaaaugrOm0iOa4eb7RMhaUTbQEIVwoUEZUnoo70DGaPALefVIw7P/pm4s2MkmKMnoAOpq1dteKyi1QMCp3EgHncuOpHbd69uvQgFOaKafVr+GGXyWks4V80clfnl6dOcZwc8HHWrWnpdwwNHdukhVyImUkkx/wAO4nq2OtAFvPsapS6taxzrAheaY87IV37RnGSRwvPrjofQ1UYuT0JlJRWokOs2M0jR+cYpF+8symMj/vrFX85GRRKLjuEZqS0CipKM6PSVjYEXc5+ZGYbYxu24xkhc9gPoKk0f/kCWH/XtH/6CKAIZ2u2tL/z0CxiGTZgD1bHc/wAO30/w0l3FAXADY5AOQPxoAWigAooAKKAK19ZJfwGGR3VCCGChTuBBBBDAjHNU7i3MN9prNPJMzXJGZAvAEMv90D1oAtz3qpCHg2zHeikK3QMwGeM8DOfwqCWYytpkhQjfOeB2/dyc84oA0aR3WNGd2CqoySTgAUAcne3uo3d/c3EyIPDdtCd0cak3FzOGx5Y5wUIwMcEt8p4zXQW8dre2UUhtQEZOIpUGY+mUI6DBGCPUVpJuPuroZRipe8+pSfTm0u5NzpxWKGQjzoSuUJ7HA+71IJ5xxxgcadtcpdRllVkYHDI2MqfQ4yKJvmXN1CC5Hy9OhPRWZqZ9gQLzViSABdAkn/rjFT5tQURq9sEuEZSQyv8AKSCoxkA+p/L8QARrIsWu3rudsa2cLM5IAUBpetaNAGD4invbmI6RpF0bXULgcXPliQQL3Yg8E+xqfTJbWCabTIRM0tuVE0zrxI5Cnrnk4YfQcdq0d4xS7mcbSk32L1zYW12czRDft2iRSVcD2YYI/A1TRbnSFVMtcWK8AnG+IdvTIHr6dehJIyuuVilHlfPE1aKzNQrO0qeGPSNNjeVFeS3j2KzAFvlHQd6AEuLqSa1vo2h2KsMmG3HJwWHTHsD17/ndFxF5qxM6rMy7hGWG7H0/A/lQBLRQAUUAFFABVDUP+P3Sv+vpv/RMtAFHw7bzWFteJPDs/emT5VyTkf7igntwCMAYParM95Fcrpc0cgVZpyIySOvlSdOcH8M0AVNCWRLa2SwuRcaZH8oaQnzMAH1HTJHHGAOOMCq+o32p3/iePRbO2khskg8+fUFYHZJkAR7TnnadwPPIHoauG930Iqaqy6nRwQx28CQxKFjQbVA7CmedDBKsJIVpXOxQvU4ye31NQ3d3KSsrExAIIIBB6g1Vt7BbWZnibarMTsx0B5x+eT+JqlKysJxu0y3RUlGOcmHxAAVB8w4LsFA/0ePqSCAPcgimaRcpYeGYZrlwUjGGdZRLkbsA7h97tk+1AEk/ktquopcFBbtYxeazttAXdLnJ7cZpqp/ZtpJfRTpLbrDmNd5IIwNoB9OB9c/hTSu7CbsrkPhO31IaQl7rccC6tdZecQElFGTtUE89MVtmJA28IA2c5A69P8BTm7sUFaJJRUlBRQAVyluJPt3h9leLZ9kTchnVWPy9dhGWx9fXigDbvbuGSLULRW/fQ2+919AwbH/oJ/KqlwbCbXkhWUJqbRJKAA27ylZsc44GSe/4GgDZy/8AdX/vr/61GX/ur/31/wDWoATL4+6v/fX/ANas+713T7I4nu4A27ZtD7ju54wB1qowlJ2RMpxgryZENbllGLfS7x2P3fMjMYznuT0qpPrWt2uowGfRY00tkXz7lrpd8TlgMbBnK89c/lVumlpfUzVVvVLQ6PqMiqGof8fulf8AX03/AKJlrI2ItItzbyagGGI3uC8Y3AjaQMYx0HtTdSuYUs7S6h2yQKXdfLPDKIZCMY9e2KAIYLiwsrSS5smyGiTy4VXI4UbQMeoI9f51SudVj8KaX5s9veahqMxEklvZQ+bM7H0UHoP6E+tVdRh6ihB1Kll0VzRSbXZgsggsoVYZ8p3ZmX6sOM+2PxqndmC7kMWswtZTRq/l3UUvyKGG0kNjg4x94cZ4NY80l8R2OlRmrUm7rv19Do1xtGDkY65zS1ocgUUAZ1oQLjWCeguRnjP/ACxjpdPVLfSEFwwVELbmlUIPvHBxgAUAMeJJ9YvoZFDRvaQK4Jxkb5eKz5bNmvLfSDIZYPMa7lU9EjB+SP8A3c9B6L+V0/iv2M6nw27kE+uw6T4oOnfaJr6+vkaVbOMlvLC4A25+VRgknJ54OK05NS1CIh5tKP2fjc0Uwd0PXlcDj6E/TuMXJ9EdsKEbLnlZvb/g9iDQ3cXcuLlXt5l80Bwodnzyw28FcYzyeewGBW9VJ3RhODg7MKKZIVh2aF7XQiof93ChbCZGCmBk44/A5oA0L54zZ3qKR5ggYsB16HGarzSafJqklrMI1uEjimZyAMgs6oCc9iDgH149gCe81KGzhjfPnPN/qYohuaX/AHeeRjv0rD1W41eaxaKbVbbQ5pyPI8mP7RP1yQAeCcDoAevWrtGMeaRMVUqVOSminpE2n+JLdriOLWNQWOd4He8zCodDg/ISox9FPoeRitS5nm0cRrbaXZQxMQo2Fi3JA+6qepA6+lKVWclZaI0p4ejF3m9fvNADU5AJYryzMbDKqbVgSPrv4/Ksmyl16O5vbfW5rZhJP5lmbaI4WIbRtbnJIPOff3ArNOSeps40Zq0U0/N7/gjWiuxARG8iNFGuGIQq0Y7Eg544PPt+S3zBrvSWUgqbkkEd/wBzLTTuZTio7bF3yo9jJsUKwwQBjNUbm2ijk0yNEXalwSu4bsHy5Oee/vTIMXV5oY9WUW9pDJdwt+7URjLysAcn1ABBPOc49RWj4d0e502wjfU7pb3VGBM9yI9m4k54GTgf54HAJ6yS7fqawvCk5L7V/uRbs7WPS40hEqrCMJEGPOcDjnqSQasS28VykkcqBhu49QcDkehoauZxk4u6K+m2Eun+ZEJUa2JzGgTaU9QOcY7/AFzV+lFWVi6s1OTkuoUUzMoaf/x+6r/19L/6Jiq1c20N3AYZ03xkglckdDkfqKAMq5sYr7W7lZCylLe3ZXThhh5SOfqAfwFc7DqWpW2qparDJcX2tOXS5hQvHaW6D5TIf4c5JHYliOMCne0XYqnFOpHmWi1Zs2StpWqLZQRRPCw+eQ5MrOSM5OfQluB0U9K15b2GK+Fq5wzL5hYkAKMgDqe54qUklZDqVHUm5y6kv2K22yL5KYkbcwx1Pr9eKnAwMUJJClKUt2FFMkKpaP8A8gSw/wCvaP8A9BFABe28SWt9OqASyQEO3qADj+dR3lrZRWbSXCokMKhsjC7QuMYIA9B+QppXdhN2VzjdLtdVtdfkhsftN39tLGW9uZlddJjA+SKNSMtn07EDOea3zpF5Z6nFJZySMNvzyO2TKccFz1ODk4BAwcAVMvelfojdN0qfJazer/Rf5nSVWvLKO9RQ7OhVgwZDgjBB/mopmJPHGsUaxoMKowBnNNlRW2sRllYEfyoBOxT0y+uLoPFd2zQXCDcw7YLMBznrgA/j9aXUP+P3Sv8Ar6b/ANEy0AXiMgj1rF1RoNFsLGQOUgtZGIGQMgRSYXkfQU0ruwnsVtDsX8n+0bxP9MmIYIeqgtk8diefcDg1saX9s/s2H7eu26AxIAQec+oPP1/QdKXVs1qPVRWy0FvrT7YI1ErRvGS6MACAw6Ejr37EemeaktUlit1jmmM0iAK0hXG84GTgdM+lBmT1XaaMMQbpFIPQkcUXS3Czexg6tcTQX7MNZS2iBBKnJAyvHOCB91zjvuHoMvinlMCmTWYzGXVCyA7twUbhn3HbHfOc8UAamn/8fuq/9fS/+iYqtXMC3Nu0LkgN3HUUAYerT+RqN4FUvLNbQQogYjdlpcge+AcHsfQZqHw9NLHe3CT24aeaUrLcBuAy7gEC44VdpA5568ZpPWxrFqMJd3p8lr/l9x09QTQx3EckcyB0LAFT0I4OKZkT0yRgqZMgQf3jQGr2KlzOgsp2F0rbELEq2CAOp+Xn8q5m01CadWSPXd0jSmJSY5OH3AEEFfUqPTrjqSALNbmrp1w8urur6x9ow7jyEiKhSCRj6Da3fuPYnS0f/kCWH/XtH/6CKAG3trHHFqF2ufMlttjemFDEf+hGsrVppLu7WwtiwgtSpnl3ZO88KoPc8g88cgmmnbVFQScve2/r/hi94euYLjTU8i2ltwoHyS53EdA2e+cdf6YrWqUrKwSk5ScmFFMkpSvGJGB1F4zn7oKcfmtc/rrtFdtKdemto1kjPlJC7bgQOOG5yVJG0DqevBBcOVrVjluUGntu16WQ79oZY23ZWLJ4DZwcF8gj+Va0uN+j4aVgbljmUEN/qZeueaANNwxjYI21iDg4zg1jajpxvINNtZrmNZorjz1WRGlV9qtgHlScZByTyQPWgadmXPK1b/n9sv8AwDf/AOO1HbjVJraKRNRspFdAwf7E43AjrjzKBDG/tL7dHD/aliJPLZvJ+xtyMj5v9Z26fjT5Y9UihlkbULJFClmY2bfLgdf9ZQA6IanNEksd/YtG6hlYWj8g/wDbSoB/aJvWi/tKxLEYEf2FuCOTz5nUhl49vrQBHfWU7ASXd3pwywIZ7Nuq5b/nr2AJpbbSpl2XFu+mKWAdXFgwPTA/5aZ6cUAWNNIiu7uKW7inuZn89hHEUCqAsfcnuh71cu0uJLZltZRFMSMMRnHPPY9qAM+5sDNrwvba4iS5igEZWWFnUDJORhl55PrwR0zysttfQlrl7uwRh1kFk2ew/wCen0oAn8rVv+f2y/8AAN//AI7UEK6jJNcKmqWUjJIN6/ZG/dnaPl4k/HnPX6UAOnbUIPL83UrGPzJBGmbRvmY9B/rKlMOq45vbL/wDb/47QBWtlv7qBjHqNlMhPLGybkMAwH+sHGGH/wCuq7aabVgvm6XGWkB2rp7cs2QCf3n15oAtG2vLKKSf7Vp0KImXcWTDCjJ/56dBk1c01Y49OghjlEogXyS4GMlPlPH1BoAZPCw+2SXE7G1eHGxVyUAB3Ee/NRWWnwpYKsF1K8Mw8wsVT95u5LH5eSc5oHfSw+GBEupoY7ycSBVd12LjnIBzt5Jxjr2FOuyLS1kuJ7+eOKMbmYKp4Htt5oETeRJ/z9zfkn/xNQwss09xFHfzNJAwWRdq/KSoI/h9CKAGXrLawhpr+6jXOcxxqxO0FiMBD2U/05p8umRTuJJW8xxjDNFGSP8Ax33P50AQ2sNtOjJBPIV+WQqYUUcjg8p6Ut2beC6tGurucukm+JdgIJP7rnavrKPzz0BoA0qjeGN5Y5WXLx52H0z1oAk6jFRxRJbwrHENqKMAZJ//AF0AYb60sNxBJPptz9pm/cxug+QnkgHJB7Hscc9jzK+tpPakPpOpMkn7tl8oA4PGeWBxz9fyNAE1pqiGZLKLS7yCNBtUtEqxgDjAwfy46VTTVoVxf/2Tqfms20hF3DkKCcbsY+Uc4/rQBseXFqFrE0qsAfnG1ypBwRkEEHuasIixoqKMKowB6CgCCOyt4rk3CR4mKlSxYngtuI59zVigBojQOXCKHIwWxyaJI0ljaORFdGGCrDINAEd1LJDbtJFGJHBACsxUckDkgH+VYi+JI4iobSL2O5kUyNGsQJ2qQCeOT9706/XNAFm41eLdGsmlX0o3BlYQBgGBOD1yDx19x704a2W8/wD4l93H5ITmZQofcTwpBOSMdO5ZR3oAXTr+GSRYILCW1UjpJGEPCjGAOwGAT2OBWk0UbNuZFLcckc8dKAFkjSaJo5EV43BVlYZBB6gikjijiUrGiopYsQoxyTkn8TQA5lV1KsAVIwQRwRQqqihVAVQMAAcAUAAVQxYKNx6nHJrL1S/e2k8ltNnvIGUFxFEX45/A8heM5+bPagCKDxCJ5CF0vUfL5CuIMgkNtPQ+vT2BPplI9fyz40TVkPVibYDPH15oAJtX/cQvcaPeS74hJ5SQ73jJQkhh267fc5HFalpObiDzPLMfOAp6j6+/Yj1BoAkSKOIYjRV4A+UY4HSkkghmKmSJHK9Cyg45B/mAfwFAH//ZAP/hMeRodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0b3JUb29sPldpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQ8L3htcDpDcmVhdG9yVG9vbD48eG1wOkNyZWF0ZURhdGU+MjAyMi0xMi0xOVQxMDoxNDo1NDwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMAAwICAwICAwMDAwQDAwQFCAUFBAQFCgcHBggMCgwMCwoLCw0OEhANDhEOCwsQFhARExQVFRUMDxcYFhQYEhQVFP/bAEMBAwQEBQQFCQUFCRQNCw0UFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFP/AABEIAdwDTAMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTUWEHInEUMoGRoQgjQrHBFVLR8CQzYnKCCQoWFxgZGiUmJygpKjQ1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4eLj5OXm5+jp6vHy8/T19vf4+fr/xAAfAQADAQEBAQEBAQEBAAAAAAAAAQIDBAUGBwgJCgv/xAC1EQACAQIEBAMEBwUEBAABAncAAQIDEQQFITEGEkFRB2FxEyIygQgUQpGhscEJIzNS8BVictEKFiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/2gAMAwEAAhEDEQA/AP1TpD0NLSHoaAOE+NHxIm+EPw21fxZFodx4h/s9UZ7K3uI4DtZwpcs5wFUHJ2hmwOFJrlvj38err4OXWl2mneHYNfubqwv9UkiuNSNjm3s1jaWO3xFJ59ywlykPyhgjkuuOdz9oPwXr/wARfg94j8M+GY9Nk1fU4Ft4v7Wu5La3Qb1LMzxxStwoOAE5Pcda5L9oL4U+NPizpOhLpaaItxBazF4LzU7m2/srUXEZg1K0uIYTJJJblZVVCIvMWZsunIIB7daTm6t4pvLeLzFDeXIMOuQDgjsR0xViqenxT2tjbQ3Vx9suY4lWW42BPNYDBfaOBk5OB0zXj37RXhTRPHHij4KaL4k0aw8QaNdeMpvP07VLaO5t5dug6w67o3BVsMqsMjgqCORQB7bRXiPiz9nv4AeBvDWp6/rHwi8CwaTptu91dTQeD7a4aOJAWZhHFAztgAnCqTxXIfD3wn+yz8Ttah0rQvhZ4RXUbixGpW1tq3w9/stru0yo8+AXVpH50YLJlo9wG9c/eGQD6doryr/hlH4I/wDRHPAH/hL2P/xqj/hlH4I/9Ec8Af8AhL2P/wAaoA9Voryr/hlH4I/9Ec8Af+EvY/8Axqj/AIZR+CP/AERzwB/4S9j/APGqAPVaK8qP7KPwR/6I54A/8Jex/wDjVc344/Z9+DnhDRlvbT9nnwz4suXnS3TTdD8K6WbhixxuLTeXGiL1LM4A9zQB7zRXxJ8O9W+BnxSvdbh8P/sj/aF0XWJdB1KZvCvhzba30Y+aJgt0WIBIHmKDGC3LAZI5/S/i5+y7c6edW1f9mq18M+GovED+FrvX9U8G6LJa2eooQGimFvLLKoyQN/l7Tn71AH33RXy98cPBP7PXwL8NpquofAPQ/E8zK8q6V4V8CWmoXbQoB5kxURhUjQEbpHZVGQM5IrgPGfjL9mTwn4N+G/iq3/Z30nxHoXxAmgtNGutL8I6MhN1MSEt5UuJImVztOWwY+Pv9KAPuCivlf4X+Gf2b/id4v8Q+Dx8EfCvhjxtoASTUfDWv+E9Oiu0icApMhiWSKaM5xvidgCRnG5c5/wAetH+APwB1TwlZ6r+zhomvnxTqMWj6dNofhfRCj3srERwP58kRUtjO7Gz1YdKAPriiviT4lal8EfhB4Zv/ABB4v/ZAk0fS7KS2immbwt4alXM8hji2tHdsrkuACqksu5SwAYE9H4P0f9nzxH8Wk+Gutfs6aL4I8YT6cdWtLHX/AAlpDx3lsGKs8U1q88ZKkHKswYY6UAfXFFfI+i6V+zz4x8WaxpHg/wDZ20bxpp+iXRsdU8RaR4Q0o6daTr/rIw8rRyXDoMblt0lPIHU4r0rwf+zz8BvGvhnTdd0/4M+CUsr+FZ4VvPCNnDMFPTdG0IZD6qwBHQgEYoA9uoryr/hlH4I/9Ec8Af8AhL2P/wAao/4ZR+CP/RHPAH/hL2P/AMaoA9Voryr/AIZR+CP/AERzwB/4S9j/APGqP+GUfgj/ANEc8Af+EvY//GqAPVaK8q/4ZR+CP/RHPAH/AIS9j/8AGqP+GUfgl/0RzwCP+5Xsf/jVAHqtFfNXxA+FPwV8D+JtC8PWP7N3h/xlrer2l5fw2eh+GtEjMVvbPbxyu7XckC4DXcAADEnceAAayv8AhWnw/wD+jJz/AOCXwh/8sKAPqqivlX/hWnw//wCjJz/4JfCH/wAsKwtc8G/C278L/wBs+HfgxpHw38W+GPiH4X0m58zQ9Mt7+1lk1XSZiUms3lXa9veIPlkyQ7KQORQB9j0UUUAFJS0jdDQBwXhP4mS+JPiJ458LT6FdaWPDK2TpeTTxyfbluEkbeiRklVHlkfMdxOflXjPLfs//AB+vPjW9y1z4ai0a1bTrTV7K5tNS+2pJBcPMginPlRiG6QwN5kI8wLkfOSDWp4V8GeK9L+NfxC8RXkGkQ+Htcs7CDT7i2v5JbxXt1kUmSBoERQxmbpK33B/e+Xnv2ePhB4v+Gut67e+IbjSbeC/trdJ7bR7ye4j1PUEaT7RqsqyRxrbzThk3xRhwSu5pHODQB7pRSV8vfsz/ALM3wf179nD4T6nqfwo8EajqV74T0m4uby68OWcs08r2cTPI7tGSzMxJLE5JJJ5oA+oqK+IfiZ8KPCGn/FTxlo3h74e/A3w94W8K+GbfXNQ1HxH8PI7vyp5XnCwvJHcQKqlIGfO0lQRw2ePWPg/8Avg98RvhX4Q8Vaj8Cvh/o97relW2ozWH/CNWT+S0savsBMIPGe4oA+hqK8q/4ZO+CH/RG/h//wCEvY//ABqj/hk74If9Eb+H/wD4S9j/APGqAPVaK8q/4ZO+CH/RG/h//wCEvY//ABqj/hk74If9Eb+H/wD4S9j/APGqAPVaK8q/4ZO+CH/RG/h//wCEvY//ABqj/hk74If9Eb+H/wD4S9j/APGqAPVaK+EP2yvhjov7Pfw18UfEXw38J/ghL4f0lbNLfSdU8Ax3F1cPLMkUjPOk8SRqDICoEb528kZ4wf2iPhq3wE+B9z49f4Y/ADWXiurCNIR8NPIDpcyJGQy/a22MjODnc28HG1MZIB+htFfDXwU8I+APEf7RXj34Q+Lfgr8I9XuvDen2+pp4j8NeD7e2tysu0C3ngk84xy/MSP3pyFPFY3ifRfCvhv8Aaz8HfDt/gR8C5PDXiCWaEabFplrJ4htIY43f7bOoiEUcb7CUjG5mHG4NwAD7+or82tJ8LzeJPi18cvB2j/CH4B3j/DeG2ubeGb4diJ9WWaFpRF5gumELALtD7HBP8K549+/Zr8D/ALP37Sfwb8PeP9K+B/gTTYtTjcT2E3huwdradHKSx7vJG4B1OGwNy7TgZxQB9T0V+aWix+ENS/aG+I3wu1bw3+zn4TuvD2oafYaMdQ+Gay3OtSXablSOEX6HMZMasV3DDhjsHFHiyz8NfD/49Xfw48Y+Hf2ZvBaQeFIfEC6tq3w/RIJbl5DG1nHvvoy/3WYOBuIH+r60AfpbRX56za98NfBH7Lvh7x747/Zd8CaR8QNf1NdD0rwx/wAIza2y3908jLFLiWDzYImVS+HXcAB13Ka9k8L/ALKFlp7aIfE3wh+B+ureXKrqS6J4Misf7Mh8tyxQytL9qO8IucQ4BLbT92gD6moryr/hk74If9Eb+H//AIS9j/8AGqP+GTvgh/0Rv4f/APhL2P8A8aoA9Voryr/hk74If9Eb+H//AIS9j/8AGqP+GTvgh/0Rv4f/APhL2P8A8aoA9Voryr/hk74If9Eb+H//AIS9j/8AGqwfH3wB+APw48CeI/FuqfBnwM+maDptzql0tt4VsGlMMETSuEBjALbUOASOe4oA9zor5S/4Vn8P93/Jk/8A5RfCH/ywp3/Cs/h9/wBGS/8AlF8If/LCgD6ror5B8UeGfhV4J8M6v4h139jJdO0TSbOa/vrxtB8JyCC3iQySSFUv2dtqqxwqljjgE8V6R8KPAPhn4cftHfETSPCXh3SfC+kv4V8OXT2Oi2MVnA0zXmtq0hSJVUuVjjUtjJCKOgGAD3akpaSgDzn4wePNc8Anwa+j2On3NtqviSx0e/kvZZA0EE8oQtCirh3yQPmZQvX5vunjfir8YvGXhT40aB4S0Gx0uS1vILO4isr60me61lXu/KvFtZ1lWOE2kJSdw6SFlccKAWrtPjH8Oda+JGneHINF16x0GbStbtNYeS/0t79Zvs771jCpPDsywGWy3AxjvXO/FP4BX3xL8a2erJ4misNLDadLPZz6X9ouoZLO5e4iksbgyqLR38xkkYxyFkwBsOTQB7GM46/T/Iri/Gnxu+Hfw11aLTPF3j/wx4W1GWEXMdnres21nM8RZlEgSR1JUsjjIGMqR1BrtVGeePWvLfDn/J03xD/7Ezwz/wCl2vUAH/DWPwQ/6LJ8P/8AwqLH/wCO0f8ADWPwQ/6LJ8P/APwqLH/47XqtFAHlX/DWPwQ/6LJ8P/8AwqLH/wCO0f8ADWPwQ/6LJ8P/APwqLH/47XqtFAHlX/DWPwQ/6LJ8P/8AwqLH/wCO0f8ADWPwQ/6LJ8P/APwqLH/47XqtFAHlX/DWPwQ/6LJ8P/8AwqLH/wCO0f8ADWPwQ/6LJ8P/APwqLH/47XqtFAHlX/DWPwQ/6LJ8P/8AwqLH/wCO0f8ADWPwQ/6LJ8P/APwqLH/47Xqh6GuN+IXj298Dw2LWHg3xF4xlunkDQ6CLQGBUXcXle5uIUUcYHzEk8AGgDnf+Gsfgh/0WT4f/APhUWP8A8do/4ax+CH/RZPh//wCFRY//AB2uJ+Gv7ZVr8WvA8XjDw18KviBe+HLmO5e2vfK0sCZoGYSJt+37kbKNgyBVYrgMSVBqfDv9vHwT4+uPAbXHhvxX4V0vx1LJb+HNX1y1tfsl9Oj7DDut7mVo3LAgCVUz2NAHoP8Aw1j8EP8Aosnw/wD/AAqLH/47R/w1j8EP+iyfD/8A8Kix/wDjtZf7QP7VHhf9nO2iuNd0XxPrsKhZr6Tw3pLXkelwMSouLuTKpFGWBAy25sHapway/H37XmjeBviJ4L8HReCPFviXUvGdq15oE+kLp4gvkWISyAG4u4mjKqwJ8xVznjNAHUf8NY/BD/osnw//APCosf8A47R/w1j8EP8Aosnw/wD/AAqLH/47Vz4M/Hrwv8crPWToL3llq2hXjadrOh6tB9nv9NuFJ+SWPJGDgkMrMrYIBJVgOa+J/wC1BZ/DD4t+GPhzJ4E8WeIdf8TRTS6Q2kHThBd+TH5kw3z3kRQovXzAoP8ACWoA2f8AhrH4If8ARZPh/wD+FRY//HaP+Gsfgh/0WT4f/wDhUWP/AMdrjfGX7YA+H93oFpr3wi+Idhea7rMegafBIukfv710DpGGGobCrKT+8DbAVYFgQRXVfDT9pLQPiJ4w8XeErnSNa8G+KvCsUVxqmk+IooUeOCRdyTrLBNLC8ZHdZDjvigCx/wANY/BD/osnw/8A/Cosf/jtH/DWPwQ/6LJ8P/8AwqLH/wCO1h+Gf2rdE8a6RqniLQPCPjDV/AtiJ2PjC10+JrK4EQO9reEy/a51ypUNHbspIPOATXs9jeJqFrb3MYYRzxrKobggMMjP50Aeaf8ADWPwQ/6LJ8P/APwqLH/47R/w1j8EP+iyfD//AMKix/8Ajteq0UAeVf8ADWPwQ/6LJ8P/APwqLH/47R/w1j8EP+iyfD//AMKix/8Ajteq0jfdP0oA8r/4ax+CH/RZPh//AOFRY/8Ax2j/AIax+CH/AEWT4f8A/hUWP/x2k8TfEnxovxO1Hwb4M8JaDrb6Xo9jq93ea94in0wAXc95FHHGsVjclyPsMhZmK/fXAPNH/CR/HD/onnw//wDC8vv/AJTUAL/w1j8EP+iyfD//AMKix/8AjtLH+1Z8E5pFjj+MPgGSRjtVF8T2RLE9AAJeab/wkfxv/wCie/D/AP8AC8vv/lNXn3xa+IGs+OP2Xf2kbHxDoVjoGt+GdF1fSLmDS9TfULaQtokV4siSvbwNgpeIpUxjBQ8ng0AfSSc45OPrUtJS0AFFFFABRRRQAV5T8ZP+SifAr/sc7n/1HtZr1U15L8bJlt/H/wADZWDlU8ZXORGjOf8AkXtZ6KBkmgDlf24/Gdh4d+AmpeHp9asdE1Dxnc2/he0mvZljRRdTJFO5y6fLHA0rn5hwuMjNR6t4N1/4P2niD4veLNf0zxfq3hPwvdWuk6Pp9i+h6XbWihJph88l3J5r/Z4x5hYgBQAgySfef7Wg+x/avLuvKzt2/ZJfM/7427vxxXFfGjwzL8R/hrd6Faai2kSahJA32ifSJr1Nsc0cjRywKUYpIIyjfMpwxwaANT4c/EzSPiRY3UmnSSLe6fKttqNnNbzQtbzNGsmF82OMyRkOCkqrsccqTXY1558PfCkvgNtVvtc1WfxD4l8RXa3uoX9tpksFtlYkhjjihDSeTEiIuFd2YksxYkmu2k1KGO8S1KXBlbBDLbSlPxcLtH4mgC7RVKPUoprxrVUuBKoyWa2kEf8A32V2n86SDVIbpplRLkGIHd5lrKmf90so3f8AAc0AXqgvbpLGznuZFkaOGNpGWGJpXIAyQqICzHjhVBJ6AE1Xh1eC4t5Z0jugkfBD2kqMfopUFvwBpP7Wg+x/avLuvKzt2/ZJfMz/ALm3d+OKAPkL9g6+v/Dd98d31zwv4t0FNU8Zal4lsjqnhnULb7TYybNjRb4QXkO0/uVzJ0+WuC/ZZ/Zvs/jFa+OLf4jWvjzTNGi+IN94otPCGs6PLpWmXySSBre4dprVJZjwcxecQoA3IM8/fU2rwwW8U7x3RSToEtJWcf7yhSV/EUtxqkNq0SulyxkGV8u1lkx9SqnH44oA8f8A2i9a0HWrFPhz4n0D4hyaL4js5BJ4g8FafezxWhUhfLlks98qFt3AeMxsAd2QCK+R/jH4D+IHh/4J/sz+F9a0LxL4o1rwv4xtdVvG0fw7dXjWWjwSyrB5zWkLRiVIPJVo1JckHG7BY/oL4o8b6P4N0+6vtZunsLK1j82a6kgkMSD3dV2kkkAAHJJAAzWVpvxT0u6tlnu7LVNEE080Vomq2L27XQjieUsikfLlIpGCvtfCHKirUJNXtoZupBPlvqfNnhH4deNPid+2Z4q+M+i6fceDfDtr4UTw5o954o0maKTUbkyeY0zWLPDP5Scr+8MRY7duQDjB/bl8OeMNesfgnpWtWWteNdQ0zxxZ61q194B8LarbR22mpvV3V4JLh4pVzxtmEnRlUYzX3IO3en1BofFX7bnw9XS/2Nv+EC8GaN4y8UXGo6nb3tpbw6dqGqXuw3yXUxnlEbSRsodsGYhzjGSwNZ/wn0LXfgr+0dq327RfGXjPwL8QdLR9A8c6jo9/qGteHmJAOm3k0kZuYINxDL521VIUnnzWX7lpaAPjH9i+31j9lT4dX/wo8b+FfE0mrabrF1Jp2r6HoN3qNjrEErb45hPBG6Qsc4KztHt+XJ64+wdKuZ7zT7We6tGsLmSJXltJHV2hYgEoWUlSV6HaSPQkc1dooAKKKKACiiigAooooA8p8Sf8nSfD3/sTPEv/AKXaFXTfEj4g/wDCudBj1H+wNY8RvJL5X2XRo4dyAIztLLLPLFDBGqoxLyyIvQZLMoPM+JP+TpPh72/4ozxL/wCl2hU/45fCPUvixb+FTpmu2OlT6Dqy6qbPWdJOqadfFYpEVLi2E0Jco7rKjeYNjxq2CQpABr/Bb4waF8dPh/Y+MPDizx6ZdyzwCO5aJnWSGZoXBaJ3jcbkOGR2UgggkGvEfGH/ADV7/ss3gv8A91avWf2f/hPq3wZ8K6noep+IrXxIl1q99qsM9vpjWTxm6ne4kVwZ5Q+HkbDDYMYGCeT5N4w/5q9/2WbwX/7q1AH1VRRRQAUUUUAFFFFABXlP7KH/ACaz8HP+xM0b/wBIYa9VryL9lO3kk/Zn+FE63MyRT+D9IMdsoTy7cGyiICEqWIA4G9mPAyTySAcv4A/Ztt9W+JXxA8afFTwX4I8Qa1qusxXmiXgiXUp7K0igjhhizPaxmFl8oP8AIWBaRumOcj4gfEDxN4X+NXijWdB1K3k0ywfw/wCHpdI1Ke6uEvL25uHaWK1t1mWOGb7PPbP5u1uFO5SpLJ9HR6fcR28sbaldSu/3ZnWINH7DCAfmDXLr8IfC0fiY+KE0fTU8YNlT4nXTLQakUKhdnneTnbtG3HoBQB2q+n9c06s+bT55beKJNSuoXTrMixb3/wB7KEfkBTrixmnaIrqFzAI/vLGI8Sf72UP6YoAvUVSks5nvFmF/cJGuM2yrHsbHqShbn2IpIrOZLxpmv7h4m4Fu6xiNfoQgb9aAL1JVGCxnheYvqF1OJAdqyLFiP/d2oP1Joi0+eO3ljbUrqV5DxMyxBo/phAPzBoA8N/ba+DfjP9oT4F6n8P8AwauhQXGrSwm4vdcv57ZYEiljlBRYoJTIWKbSCUwDnnpWB+1F8EPiX8fP2a9O+H1hY+EbDW7mS0fVXvNZuWtIRbypIqwsLItMH2YO9I9uf46+kDp9x9i8j+0rrzM5+07YvM+n3Nv/AI7TbixmktY411O6hdOsyCLe/wBdyFfyAoF6nPfDDwBovw+8MW9npPhHw94LkmRZrzTfDMKJarMR821lhiMmDxuZFJHOB0rx7xJ8DvHXxq1rw3/ws/S/BFvH4X8Sxa7pfiDwzcXJv2ihmMkUHlTQjyS+I/MZZ3BwcKDtZb/jv473s0iz+GNVsrDR4pzaw6ldxfa5dauFyrQ6fZqEe5/eNHGZRKiglsBgu4c3rHjv41Jq/wDZWoatpei6hfQNJp+kaFoX9oatt89YllljM7W8CHdu8yScoMY5Ocd8MHOSu2l63/T8ex5c8xpxlypN+n/D/cc1oP7PPxt8N/GL43eMtOh8B2o+JEVtbQSSa7eyvpKwwtCJTGLFBOxDbtm+MAjG49a9R+C/7InhX4RfC3wf4OTWPEd0/h5Xdr3T9fv9KS8uJJPNlkkgtp0R1L5wsm/auFJPJPCeN5LvQfGGm6140+GvivxroZsZ1um1yGxv/sjoEPnJFDM1tECow3yQk7S25+VqxpPgcSWuh+L08AaJYeGbiVGkPgxmfV7eN0mVp47ixS3LIrGJWjiE29WdgxCjN/U0oqTno/TftuY/2hKTcYw1Xe+3fYvfBX4B+PfCP7SHxY8ceK9M8Iz+G/HM9hdR29nqtxdXVjJZIVhbZJZxo5YkNkMpQqMbutY/j79lPxP8WP2kfFviXxbonhS/+HPiPwuPCU9qus3DahHCs5mjvEQ2WwShgmE3/IRkSHofS/hH8ZftHiuPwBrMV3Hew2Rm0zVNRiubebUoI3KDzY7mGJxcbAjNsDoxEhBG0qPbtwPQ1x1aM6L5ZKx6dHEQxEeaDPiz/hjf4j+Ov2e9N+GfjzxPosmr+C9Sh1DwV4z0+aae4PkM4t0vbZ4kUbYiEJSV+oPJTc/0j4Jm+KF/eWQ8X2PhXRLe3GZ30HUrjUHv22EcLLbwi2Xd83WY4G3I5avQ6KxOgKKKKACiiigAryr9rD/k1n4yf9iZrP8A6QzV6rXlX7WP/JrPxk/7EzWf/SGagDv/ABRbXF54b1SC1v7nSrmS2lWO+sxGZrdipw6CRWUsDyNysMjkEcV82/sm/tESX/wo+D2k+KdO8Vve+ItOW1tvF2sxrJa6nfJE0jxGRpTOHZUlKvLGqSeWdjt8ufqO4hW6t5YWztkUocehGK8E+Gf7Meo+EbbwHo3iDxba+IfC3gKXz/D2n2ujGzmMwieGKW8ma4lE7xxyvjy0hG4liCAqgA6v9rH/AJNZ+Mn/AGJms/8ApDNR4b/5Om+If/YmeGv/AEu12j9rH/k1n4yf9iZrP/pDNR4b/wCTpviH/wBiZ4a/9LtdoA9VooooAKKKKACvKvDn/J03xD/7Ezwz/wCl2vV6rXlXhz/k6b4h/wDYmeGf/S7XqAPVaKKKACiiigAooooAKKKKAEPQ1heM9Zh8PeFdV1CeC+uore2ZjDptlLeXD8YASGJWkdsnoqn14reooA+Kv2E7jUfhz+xJcaL4l8K+LNG1rRTf/adLufDOoLdSCeeVovIiMO6fIZc+WG2/xYFYv7CX7MtprHwl+F2s/EJPGg8QeBprlrDwp4m09tNsdJunmdxNFE1tE87bWVhI7yhSSAVIwPu+igD5e/a0t9I+L2k658LdV8PfEq0vPsS32la54c027k0y7uiGMcDywbomw6KGS7VUGQQw4YeQfE628aaR+0d+yvrPivQ/E3iK+8G6PdDxfrmgeF9QvbSO6ns0TKPb27LJukDf6oHHcKMCv0AooA+NP2e/hH8R5vi/8c/i1ZxQeAB421Czj0Oz8UaTJcyNa26lWuJ7OO4heMycbVaRXHzllwQDzP7S3hPWPFn7V3wBHiPTPFuuafodpqcHiPxB4J0DWLG2he5hVYDFPbNI8YLYDBJ32gMHIUkV940UAfEf7anggWunfs/eDNJ0bxtrel+GfEun3d/e6Bpmp3Vxa6bDDJC0xu7OIlZhwcIRJk7gOhrn/hv8MfF/h2H42/ArxBpuvXc/jOxnbw78WJ9Gubh9SguIHEcGqXqxlhLByv79gcFlAAMYb78ooA+V/wBlHxpq3wu+BvhP4b+JPAHiyx8ceHbQ6a1hb6JcSWV00bELLHqAX7IFcENl5l53cdM/UabuCwwxHIB4z6VLRQAUUUUAFFFIaAPKvDv/ACdN8Q/+xM8Nf+l2vVf+IXxM1bQfEum+FfCWg2fiTxZfWVxqa2epam2nWsdrC8aOzTLDM28vNGqqIyD8xLKBzwerfFfwV8Lv2o/Gh8ZeMdA8JC+8G+HRaf29qkFl9oKX2t+Zs8x13bd6btucbl9RWb8Q/ih8B/Hmu6H4gtf2g/DPhHxRoyT29rrWheKtK8428wXzoJI7gSwyRsY4mw8ZKtGpUrzkA9+8L6lqOseHNKvtW0iTQNUubaOW60uWeOdrSUqC8RkjJR9pyNynBxnvXzZ8TP8Akjv7bX/cQ/8AUQ0yvQtD/ab+Ceh6PaWLfHDwZqksCbXvL/xXYPNO3VncrIFySScKqqM4UKoAHkviXxXovjj4A/tm654d1iw1/RboambfUtLukubaYL4T05G2SISrYdWU4PDKR2NAH2DS0lLQAUh6GlpKAPOf2gPH2u/DH4S674n8PWOn6hqOnIkvlanK6RBN6q7YRSXYAkhcoD0LL1rL/aC+Inin4d6TpF5oNslrpbTs+seI7nSjqtrpFuAB5k1tHd28xQlsmWPeI1jdnUD5hu/Gz4d6h8WPhfrnhPTNYttBuNUiWE393YteLGu9Wb90ssRJIBAO8YznB6UeNvB3izxho9no8fiXSrDSrq0e015U0aVri8V1Cv8AZZftYFqSN4G9ZyNw5yuSAdxHlkUlgwwMFeAffr0rxj9orxZofgfxR8FNb8Sazp+gaNa+MpvP1HVbqO2tot2g6wi75HIVdzMqjJ5LADk17REqxoqoMIAAADnivL/jH/yUT4Ff9jnc/wDqPazQB6TpuoW2r2FtfWNzDeWV1Gs8FzbyB45o2AZXVgSGUjBBBxgirlFFABRRRQAUUUUAFJilpCcCgAbpXO+MvGFh4H0Y6jfmRyzrBb2tum+4u52+5DEmfndiOB9SSACRT+KXxI0f4Q+Adc8X688q6TpFs1zMsCbpHxgKiD+8zFVGSBluSBzX5p/s/wD/AAUg8R/HT4/3VrdfDuLVvFGowTW/gy0tbpmj0w7Szhw2A26NXaScbWwm0bEY7d6VNTklLY5q1SUYPkV2fdGvXkukW+n+OfigypJayL/Yng/SlM7JfOXEajB/0q6KkIuAEQh2HH7wct8Vrv4o/GDSo7XSfBNt4P8AD9qIdYTWPE00Ut5viaORRHbRM/lPw6lZMhlLKdhJFd18KvgN/wAIvrUfjDxfrFz4v8fSwlHv7ty0FjvZmeO0QgeWnzFc45GcBAzLXqesXDWmk306xCdoreRxERneQpO38a7ZYiFConTSk193yX+e/Y8yGFqYim1Ubgn0W79X/lt3Pl7wjqXxH8B/ESysptYuPEOt6jN9i1jQ/EV+4tTM0NzcQXtlOkLCOB1tp18tYxgptYZAZfXbjwH468XaekHiTx0NIhkh/eW/g+yNnIJTtODcTPK5VSDjYsZbPzcfLUnxh+B+l/Fy3tp2v7zQPEFjk2WtaaQs8RwSoOR8yh8NwVYFcqy5JrzHxBJ8Tf2ZWvdSsJr74ofD9Imu7v8Atq8L6lp+1MPiXq0Z4bhGACsCEwXbfmjirOm4qfayX3dPTZnP7OeEbVVSlTvve9vXr67o9E8N+IL74b+OovB/inxFJqun6lbRy6Dq2rfZ4p5ZlYRzWjshUSSfNE6HYGYSOPmKE16ru9Oaxbqx0Tx54eWO8t7DXtE1CJJhHMiXFvPGcOjYIKsOFYHkdD6V5zq2g6h8CtLfXPDt/f6l4N0yFpNQ8N39wbk29siLmW0mlJkBjVCfJdyjAkLsOM+dJRrPtL8H/kenCUqEbr3ofil+p7ArZJGOlSVT0++g1Kyt7u1mjubadFkimhYMkiMAVZSOCCDkEVcrl20O+LuroKKKKCgooooAKQ9DS0UAcj44+FPgn4ofYR4w8HaB4sWy3/ZV1zS4L0Qb9u8x+Yrbd21c467R6VzH/DJ3wQ/6I38P/wDwl7H/AONV6rRQB5T/AMMn/BD/AKI38P8A/wAJex/+NVz/AMXvh/4X+Gvwn0zS/CXhrSPCumyeOPCtxJZ6LYRWcLynxBpqmQpEqgsQijOM4UDoBXu1eVftKf8AJO9I/wCxy8J/+pDp1AHqtFFFABSGlpDyKAPOPBPj7Xdf+LXxD8ManYafbadoEenzadJaSySTTx3CTFmmLqoVsxcIoIA/ibPGX8EfiL4o8a634ssvF1vHoWqafNE0fhqXSTbXVlbyGQxSPdLeXEN4jquBLCIwGilVlDAqur4b+HWuaF8WfGvi6XX9OutP8Q2lpb2+mppMkc1o1urhGac3JEoPmyZURp1XkYO7R8B+Edd0nUdQ1nxTrtjr2v3kUNq02k6bJp9pHbxNI0apC887bt00hZzIc/KAFxyAdrXgP7F/xU8GeLfgD8L/AA9ofi7QtZ1/S/B2krf6Tp+pwXF3aFLSFHE0SMXQq/yncBhuDzxXv9eVfsn/APJrPwb/AOxM0b/0hhoA9VooooAKKKKACiiigBD0prU49KY2MZ7YoEc18QfiJ4f+Fvhe68Q+JtRXTdKtgTJKyO7HgnCogLOcKThQTgE9ATXwD4b/AOCimg/tdfEG/wDh4bu6+Fng6a2lnF9OgnvtUiiy8lvuRgtuzxA4VRKSUK5bcFPs3xP8XW3xz1jU4/Mv08CWL3GhNNbmNxeyyo8EqWSDPnXU6PJChOUihLyfekG3iv2O/wDgmLo/wF+Ilp8SPEWsTavq8CSSaZoU8CMumO+QrSTKSs8qRnG5VRQxJXOFNek6bwfLN7/L9ep5Ea0Mf7Skvh6b6/d0PY/CPwf17XFhmgguvC9qLeO1t9b18xXXiCK0WNFWG1WMCKxHltMu/LyEsWdQwzXuPhfwPo/hA3D6balbm52/aL25me4ubjbnYJZ5GaSTaGIXcx2g4GBxWV8Svi54a+ENnpN14mn1CCPVL1dOs10/SbzUZJrhwSkQS2ikYMdpxkckYHNWPh38TvDnxS0+9vPDt9NcpY3TWd5bXllPZXVrOoBMc0E6JLG2GUgOoyGBHBFc1XETq77HVQwlOglbVnWsvy9K8Is/G1/4N+KXivw/o+jtrt9r88Gr2Nrh4IoG/eWl009wA6pEv2KOTO3cWuAgViRXu/X2qhpVwbq3kd4RAVnmQKPRZWUN+IAP41FOooX5ldGtak6luWVmup4742+DPjL4uw6bceIfEemeFbvT7ieeyk8MW0326z3JJGqLfNKhZWDIZAIU3bdvHDV4pq/g34yfBW8W7u/GWvavZR3Kpa6hazyXg1DzCUS2lWd5Ft5W2gRn7PInmTqrS/dK/bXbpmsDxx4SsfHnhLV9A1NC9lqFu0DlQpZM/ddNwIDqcMpx8rKD2rvw2Yzp2pyScH0aR5eKyynUTqxbU11u9bdzkvhH4v1PVtQ1DSNQ1WPxFapZWes6ZrixCGW6srszeUJowiqsimBhlQAylTtU5Fen/jXyJ4XutY+GPge1+J3hu5/tyxtbEWvibwdNGbd7O7JU3ZjYAmHyZt0nkunlostwylVcY+kPA3xB0nx5FdfYWuLe+smRL3Tb63e3urR3QOqyRuARkHhhlWwdpYDNZYug4t1Iax+7X0/pG2BxPNFUaukvv09ep1eKWm96dXnnrhRRRQAVU1bSrLXtLvNN1Kzt9R068he3ubO6iWWGeJ1KvG6MCGVlJBUjBBINW6KAPKf+GT/ghn/kjngD/wAJex/+NUv/AAyd8EP+iN/D/wD8Jex/+NV6rRQB5UP2T/givI+DfgAEenhex/8AjVM8Mk/8NSfEIY/5k3w1/wCluu16xXlXhz/k6b4h/wDYmeGf/S7XqAPVaSlpKAPLfjl4n8R+FY/Ak+hanb2FteeKtN07Uo5bQTSXFtNKEaNHLbYyc8ttY44G0/MM74tap410T4heDry1ub+w+H32qC01GfQ57R7k3M06pGLqC4tJGNqT5aF7eZJVMzMV2rvTqvij8LU+KVjotrL4h1jw/wD2Vqlvq0c2ji23ySwtujD+fDKNobBwoByBzjip9e+HbeJfFFjqF/4k1dtHtTDMPDKrarYSTxP5kczN5H2gsrhGwJgmUXKdcgHY8Y9q8B1D4i6X4D/aq8Yx6naa9ctfeD/Doh/sXw9qGqBNt9rYPmtawyiL74wZCoOGxnace/8A0ryvw5/ydN8Q/wDsTPDP/pdr1AHqIzuAPP8AKpKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACvKv2sf+TWfjJ/2Jms/wDpDNXqteVftY/8ms/GT/sTNZ/9IZqAPVKWkpaACiiigAooooAK8p+Mn/JRPgV2/wCKzuf/AFHtZr1avKfjJ/yUP4FY6/8ACZ3P/qPazQA/9pjxLq/g/wCBXi7VfD+sT6H4iitlj0q9t44JGF48iR28e2ZHjIeR0jOVztc4w2COk8I+OdM1zWNV8MwX93qWt+HRb2+rTyafNFF5zxK4Al8tYXcqwZliJ27hkKCK5r4/fCa++NGieGvDqXwsdCj1+01HWvLu57a5ltbctKscEkOGVzOsHzbl2qGIO4LXJeBfh148+HHwF1fwLL4l0TTdZRbzTvC+spPI0srySzvbyXLOg/flXjVgokO5Hfc5bCgH0DRXyZqUyat8Griw0a/8Z6DrviTxdZ+G7i0u/Fd7dXGmXMN0qXZtbsTF/L8iGWTCSBTyCFbeg+nPDesadrmmrNpVz9stYJpbPzi7ud8MjRSDc3LEOjKSTyVJ5oA16KKSgAphOFOae33TXgv7TfxKbRdJm8K2kc03260H29bNS11LHNJ5ENpb5GPOuGMoDfMyJDMwUkLW9GjLEVFTj1OXE4iOGpOrLocF8YfjBourakby+sl8T205k0vwt4XZ1uIr+4EkkM+oyxL99M/u4V3EthygBk3LR/Y3/wCCefg/9nHXx47uY7q58ayxSRQQzXCzW+mRycFYsIC0hTKs5J4LKvGWb179nf4KyfDnR31rxFHDdeONUQC9uY8FLWFcCO1gVRtjiRVUbUAGVAGVVMel+LtS1PSPC+q3ui6RLr2r29tJJZ6bDLFE11Lg7Iw8rqi5OMlmAFdmMqUV+4orRdf8vL89zz8BSrt+3ruzl9n/AD8/yPBLH9qrxX5cmt33gDR08Fp4yPg5dSsfE7z3k032z7Gs8Vs1kiunnHBXztw2uQGAGforVZLiPSrx7Nd92sLtCuM5cKdox9cV89/s3/sv6L4W+H/gPU/F+h6tJ450yL7bc2uva5cX9vZ6k5ZpriG2+0zWkUjOzsHiAYB+xLCvR/hP4m134gfCyTXryP7FqupSXrW1ut4lzFbqsskcQilW3gLIQiuC6bgHwWbrXmHtHpFI67kIIyD1zS0h6GgTt1PmjQ/gr8P/AIf+Jp/C/iTwbpDadq8kkOha81tv4Z3dbSWRgTFcIZGWOTdmVET5t6Yr0qHVvEPw11WeLxHfah4s8MXKCS01SHTHuL+2mGAYJYbODDxsMssoRdpDK2cqT3PiLw7p/ivRbvStWtI77TrpPLlgl+6wP8iCAQRyCMjmvPvDPizXPh7p+keHvG+n3l5suIdJtvFVsBNbXhYhIJJ13GWGVyVViylPMbh8MMej7WWIV5av8fVHjqhHCytHRdH09GcT4B+PHgL4feJdZ8J3Gvw2ekzXjX2krNbyRNZLM7me1uI/KU2wimV3Bl2gJNGM4U19CWN5BqNrBdWs8dzbToskU0LBkdSAVZSDggjkEdjWJ428F6f450GXTdQWSMAiW3ubdtk9rMv3JonxlXU8g/UHIJFeSfs1eLrvR9C8PeFdXDxw3Wnq+kvPK2+KS2ihhvrGRZMSCSK4EzKPmGwkDAjwCpGlWp+0pJqS3T1v5rRDpVKuHqqjVacXs0rW8nqz3/vTqSlrzj2AooooAKKKKACiiigAryr9pT/knekf9jl4T/8AUh06vVa8q/aU/wCSd6R/2OXhP/1IdOoA9VooooAKKKKACiiigAryr9k//k1n4N/9iZo3/pDDXqteU/sof8ms/Bz/ALEzRv8A0hhoA9WorzD4neOPEXhr4jfDHRdEl0v7Dr+pXUGqxXtpLLMlrDaSTmaKRZVWPayLGd6OCZlPGMHtfCvi/Q/HGkQ6t4c1rTtf0mZmSO+0u6S5gdlYqwWRCVJBBB54IIoA2qKKKAEopaa3f6UAHY14n8fPFFzrky/DbRdRi0y/1axlvNa1KdR5enaOAySzZYgb2b5F64yxO3AYdZ8bvihb/CD4bax4jl8uW6hi2WVu+P39y/EaYyCRn5mxztViOleQfCn4c3fjLUdRg18x6tFFqKXnivULry3/ALX1FYB5dgFRsfZrYPGSrZUyLtUABxXpYWkoxeInsvz/AOAeLja7nNYSl8T39Dt/gl8P7C4XSfFo0iHS9KhsEt/DGlElmsbV9zPcvyVFxcBwWIG4KACxLPn2mo1BVgO1S1x1asq0udnpYehHDwUIny/8evEFx42/aa+FPw88N+KdC0nxFo0N94slj1i2a+QSJD9nt1NvHcwMzlLi5cYfgR7sEZrtPBOkp8DdYsdH1LWZfFXjb4ha7PqF9qU9lPbW8kkdsvmLCIopUgWOCBBHDNKCwV/3jEHPtbfdNcT4q8A6h4g+IXg3xJa62tjb6CLtJ7CSzE32oTLGNyvvHlsojZckOCsr8A4YYnQdvVLTZLiS3drpNknnyqox/AJGCH8VCn8auVU0yO4jt3W6bfJ58rKc5+QyMUH4KVH4UAW6TtzTqTtxQB5d8SPg+3iC7u9c8P3v9ma/NB5FxazgSabq6AECG9hx867GdN4wyh/4tqrXjvg/xTJ4d0ZNQdZdN8cfDuGay1rR7yOJ57rw+Jww2yfJ5pihVHSUYy6MCuJsn6yOOc15D8X/ANnrT/itrn9rPfNpt42j3WkSSxiUu3mKRDICkqD92XmypDLIszqwxgj08NiI2dOs9O/9dPyPFxeEkmqtBa9V/XU9ZjbO1gM7uanrnfAtr4gsfCum2/im5s73Xoo9l1c2ClYZSGIDAHGCVwTwBknGBiuirzpJRk0nc9am24JtWCiiipNAooooAKKKKACvKvDn/J03xD/7Ezwz/wCl2vV6rXlXhz/k6b4h/wDYmeGf/S7XqAPVaKKKACiiigAryrw5/wAnTfEP/sTPDP8A6Xa9XqteVeHP+TpviH/2Jnhn/wBLteoA9VooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK8q/ax/5NZ+Mn/Ymaz/6QzV6rXlX7WP8Ayaz8ZP8AsTNZ/wDSGagD1SlpKWgApDXJeNte1u1ay0jwzbWc+v6gHeObUmcW1pChVZLhwg3S7DImIQyGQnG+MZkXmbdvi34WmS/1rUfCvjXS1OLmw0TQrnSbyOM8mWJpL26WZlxjySse4NkSZUI4A79pXxR4j8FfBTxJr3hXUrfSdX0+JJluLm0FyAgdQ6qpYKGIJAYhgDyVaq/7Q7eL9K8FXmv+EfFtxoepaZEJLPS4rK2mi1e6MirFazmWN32ysREBCY3DSZ3HgDqPit8OLb4ueAdU8J3eralotnqSqk15pPki4CBgxUGaKRQDjBO3OCcEHmsfxx8IdS8ZXXh+5i+JHizQJ9HiKq+lx6YRczFCjTyLPZSr5pUsMoEUbm2quaAPRU3FV3gbsc45Ge+K8i+OeoxaZ47+BlzKs8kY8azJi2gknfLaBq6g7UBYjJ5OMAZY4UE16vp9oLGytrVZZZlgjWLzJpC7vgAZZjyScZJPJrzX4x/8lE+BX/Y53P8A6j2s0Aei/wBrQ/Y/tQjuvLzt2/ZJd+f9zbu/HFZfijTfD3ijRorfxBokWuabI6yra3ultdKHXlWMRRiCOxIBFdJRQB5/4n+F/wAOfEOhaToOu+BNE1nRLM+ZY6bdeH0ura1JyMpGYmSM8nsOtdB4f03Q/BdjZeHdC0eLRNMtl2W1jpenmG0gBJbCiNBGgySeCBk+9dBRQBSj1KKa7a1VLjzVGSWtpBH+Dldp/OmW+qQ3TyrHHcKYs7jJbSoP+A7lG78M1fPSmnoaQHz5+1d+2d4T/ZS8D2Ouavp2o6xqOp3DW2n6TDE1s8zKoaRy8igKihlBIBOXUYPOPEv2D/iLpn7XXiTWfH2qmI33hu8aUaNMru8N5dBW+1bixBREi8iFcnasGdqt8zWf21fgvbftqfGDw18KbLUTor+F7S41K/11bcT/AGRpkjCxeUWTfnEJ+V/+WgP8BB9c/Yx/Yx0P9jrwlrOnWGtXHiTWdauI5tR1Sa3FssixBhFGkQZtirvc8sxJc89AO797hI26zX4M87loY53evI/xR9F/Sn03HNOriPRGsNysMZyK5Dw38OdE8A+A5fDPhmJtI0uOCRIFkuZZ/JBXaMPIzNtUAADOFVQBgAV2NUdchhuNF1CK4l8i3kt5Fkl/uKVILfgKALnpxTqaOuadQAlc14+8HRePPCd/ostxNYvOqvBeW7FZbadGDwzrtI+aORUcDOCV54rpqbTUnF3RMoqS5WRqvyjPPFcRZ/CnToJp2+1XQjHiD/hIbJIpWT7HMyASohzykjNcMykYP2mQADg13eaO9VGco7MiVKE7XWwopabTqzNQooopgFFFFABRRRQAV5V+0p/yTvSP+xy8J/8AqQ6dXqteVftKf8k70j/scvCf/qQ6dQB6rRRSHgZoAWkPSvLbnx98QdemkufBXgjQ9S0INsi1LxH4lk01r3H/AC2t44LO6zAf4WkaNiQxCbSrv1PgnxZe+Io7m11jRZfD2v2O1buxeZZ4jnOJYJlA82Fyr7WZUf5TvjRsqADk/BPiXxRqfxj+KWgahq1rcadpkGmTaRDHYiMWgnjnLiQ7y0xLRqScqMYAC8kp8KX8Wad8QPHGg614puPGeiWCWM1pqV9a20M9vcypI09o32eONGVEFvIuV3gXABZhtNbGk/CgaP8AELxf4ug8U64bvxJawWstk62ZtrPyVZYngAt9+5d7n947qS5yDhcRfC74TXPw1afz/HXibxfHIG8uPXTZKsTPIZJJB9ltod7uxyWkLn0IycgHoZrwH9i/4iaV4k/Z/wDhfodna67Fead4O0pZpdQ8PahZ2rbLSFD5NzPAkMwJ5Bjdty/MMrzXvx6GvHv2Wrya3/Zg+DCR2NxdK3gzRsyRNGFT/Qoeu5wfyFAHnn7THwj+J/xC+IUniHwbdXelr4Z8LyrpEdrd28J1i/uLlGuLN3b54UMNrEnmq0ZzKMPgNntPiVr3iPwX8M/DN/pekX3gfw9Zyn+3LXw9b2t5f6PpqQymMwxFJIW2uIfMWNJdqlwm7G+vZJL2ZLtYRYXEkbYzcK0ewZ9QXDfkDXHeLPhn4f8AiBrry63o+qORatYvPBqs1tb3NuTuaKSKGdfMUknKyIQQSOhoA4b/AISDxDZ/EX4baJ/wsS51DSrTQL/XvEGpfZLKKHU7dTCls8x8k+Vkyu2YmjUiNz0GB7kjCTDKQQeQR/npXlHir9nvwV8RPEF1qmtaFr9vcNYJpjx2niO8srW5tULFbc29tdrE0fzN8rpg7jnNelW+oTyW8sj6ddROn3YHaIu/+7tcj8yKANKmN90mqTahP9hM/wDZt15mcfZt0XmfX7+3/wAer49/4KU/teeL/wBmD4b+F18GWUdpr3iW5ni/tK9hWcWMcKoWwnKGRjIuC24YVuCeha4mWPiZrutftBfHpfCHhvU/s2k+H7k25kVZWEF0kcplvTs2YaGQxImW/wBYq4+V3r6x8M+G9O8IaJY6PpNotnp9pGIoYUyQqj1JOSSeSxJJJJJJJNfBX/BH/wCKk/xI8FfEC31HTwNa0u8tPN1dSQLuGVZjHGQeA0bJKxI6iUZ9/wBDOa9PG4iFXlpUNIRX3vq2eTgcJOi5Vq+s5P5JdEhetLTadXmHrhRRRQAlUtJt2tbZ0aYTlp5n3DoA0rMF/AED8KvVQ0eGGG1dYJfOT7RMxb/aMrlh+DEj8KAL9FFFABRRRQAUUUUAFFFFABRRRQAUUUUAFeVeHP8Ak6b4h/8AYmeGf/S7Xq9Vrynw7/ydN8Q/+xM8Nf8Apdr1AHq1Ia4jxlrHii61RNA8GjS7bU/KW5u9W1uKWe3sYmLCPFvG0ZuHkaN12+dEEALljhY3ztEm+JvhvVLYeJ7nw94w0m5dYmuPDuk3Gl3FgxICuYZbq5E8bFvmYPEYwucSBjsAMr9oO81TT4fh9daZreoaSn/CY6VBdW9lIqJewyzhGilO3cU5+6rKCRhtw4pnxe8K3114w8H6roXiHXrXxN/bFmsVhbanMthJYJIDfCa1VvJdTAz/AL2VSyyNCquCUU9l8QPhj4f+KFnplt4hjv5YdOvo9StvsOq3diyXEZ/duWt5Iy208gMSMjOMjNZXij4F+EvGXi8eJdUXXJNT8uOBkt/Eeo21pLGjbhFJaxXCwuhPLIyFW53A5NAHoXO33xXgWoeMNU8K/tVeMV0zwRr3jBbrwf4cWWTRZ9PQWgF9reDJ9quoCQ24keWHOEbOOM++L15ryzw7/wAnTfEP/sTPDX/pdr1AHptzdQ2sEs80iQwQoZHmkIVEUAksSeAMZ5rjPBvx0+G/xC1j+yfCvxC8K+JdV2NL9h0fW7a7n2Ljc2yN2baMjnHGRUvxo8fRfCv4R+L/ABbKQP7H0q4u40P8cqxny0HHJZ9qj3NeD/B/4DePLDSPg9H4r07w9pOj/Dm0kvobfR76W/v9Xv5LWSJnkeW2tktgTNJIygybnIywAyQD6vorhPhN8ZfDXxk8P2+paDeRLctbQXVzpE11byX1gsy74hcJDJIIy6fMvzHcORXd0AFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV5V+1j/AMms/GT/ALEzWf8A0hmr1WvKv2sf+TWfjJ/2Jms/+kM1AHqlLSUtAHzb+2LZrqWm6Laaf8HtJ+K/iZoLuS1uPEEFjLYaJahoBcXLrdzRo7/NFtjVkL7WBdADnnf2Rfg14b+Bvib+zbf4T614a8U6xZ3N7f8Ai7X10WOS7ZZITJBbwafcyrbwbpVIiREjUIoO5sGvVvj1q+tWMOk6fDrHhTQPC+rJcWWrXvjDQpdUspHfy1ht3CXdusayhplzISrtsT7zqr+f+Bvhrf8AwA8fL4l8Y+L/AA/4r1HV7aTStOt7PRJ4NYlO6NoLGyee+uD9nRUcmJBGOPNlZtruAD6eoqJOccYNS0AFeU/GT/konwK/7HO5/wDUe1mvVq8p+Mn/ACUT4Ff9jnc/+o9rNAHd+LfFWm+BfDOp6/rEs0Gk6ZbvdXUsFvLcNHEgJZhHErO2ACcKpPFcj8Pf2g/A3xO1qHStC1DUF1G4sRqVtb6tot9pjXdoSo8+AXUMfnRgsmWj3Ab1zjcM8H+3H4zsPDvwE1Lw9PrVjomoeM7m38L2k17MsaKLqZIp3OXT5Y4Glc/MOFxkZqPVvBuv/B+08QfF7xZr+meL9W8J+F7q10nR9PsX0PS7a0UJNMPnku5PNf7PGPMLEAKAEGSSAfRNFcd8OfiZpHxIsbqTTpJFvdPlW21Gzmt5oWt5mjWTC+bHGZIyHBSVV2OOVJrsaAEb7prhPjJ8U9P+Dvw/1LxNfp5/2dQlvaeasbXMzHCRgnpzySASFDHBxiu7Y/KT2r5P8RXrftMftJw+FRCs3gbwHO11qOdzR3l4uFEbqRt4cOm1hyqT4b5hj0MFQjVm51Pgirv07fPY8zMMRKjTUKXxzdl/n8tz0H9lb4dX/hXwbdeJPEdpNb+NPFNy+o6s842ucyyGIFBgINj7tmAVMhBAxge4VEvytjt2qWuavWlXqOpLqdWGoRw1JUo9AooorA6Qqjrn2f8AsXUPtm77J9nk87b12bTux74zV6qOuTQ2+i6hLcRefbx28jSRf31CklfxFAFwU6mAjdin0AFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFeVftKf8k70j/scvCf/qQ6dXqteVftKf8AJO9I/wCxy8J/+pDp1AHqtNk/1bZOBinUjfdPfjvQB+dKx6f4+8VaZaeHtS+O3gD4Z6OUYazap4zv7/xKgTCC2VBJbW1oQQ28r5jYAVIl5P3r4AvbHU/BPh+70tdQXTZrGF7Yas8z3gjKAr5zTFpTJjG7zCWzncc185alpfxk+KWk2Ot+EtG8L+C4L+0j0y+TTfH14sv2OJ5M2yp/ZDJaXEbtJGZIx5keZFzuVGj92+E80GneE9J8MNBDY6toWnWdvf6bbXUt5HYyGIYh+0SZaQgKDl23lSjMAHBIB3NFFFABXlX7J/8Ayaz8G/8AsTNG/wDSGGvVa8p/ZRz/AMMs/BzHX/hDNG/9IYaAPVqK+eP2svifN4CvfhjpsPxIX4YRa9rzQX+sTPpyRpYx20ss2WvYpEDFliRSB96QZDdK2/2XPG2veOPD/iq61DXbvxZ4dttdktfDniS/sYrWbVbERRN537mOOKRPNaVEljjVXWMHnqQD2um06mN35xQAvTPYV8d+N/Avhz9tr47z6Nr9pHr3ww8G2mGWOdkS8vZsjKyRlJFGF+8rEYhyPll59v8A2kviBL8P/hPqslgLl9d1X/iUaRFZbvPe7nBRPL2gnco3OBxkpgHJFWf2e/hKvwd+HFpo0rxTapPK15qE0G4RvO+BhAScKqrHGMYyEzgEmvToKFDDzrS+KXuxX5v9F6njV5TxGKhh4P3Y+9J/kjT+EPwS8D/AfwyfD3gPw7beHNIaUzvDCzyPLIQAWkkdmeRsADLMeAB2rvKYD82Pan15Z7IUUUUwCiiigBKoaP5H2Vvsu7yvtE27f13+a+//AMe3fpWhVDR5oZrWRoIvJT7RMpX/AGhK4Y/iwJ/GgC/RRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXlPh3/k6b4h/9iZ4a/wDS7Xq9Wryrw5/ydN8Q/wDsTPDX/pdr1AHjX7YXhmbxl4rtNJ0D4LaX411+SxtodQ8aatp2kXraPaySzrDFaQajNGk07SCT5SQi7kLeZkJXWfsh/DPwn8GLPVPB/hr4W6x8P5re1tbq71HxFc6dcahq5d5lV5Hs7iYEKUfAJRVLsEQDNbvxubxB4g8U2fhFtf8ABugeHNYtoVs08VeHbjUTf36yuxihlS+tlSVAkMkaY8wkM6f6tiuP8HPBd18BvGF/p3ifxTovjTxb4sMEon07SZbfWr3y3kWW4u2lup2e3hSSNVIKRRABEQM6qwB9E0Ug+mKWgArx/S9UtNM/ai+ID3d3Baq3g3w0FaeRUDf6brvTNewV5V4c/wCTpviH/wBiZ4Z/9LteoA63xtoPg7xlpA0Xxdp+h65pd0ySDT9bhhuYJWByreXKCrEHocfSqfjK1KeA9V8MeFLzStG1x9KlstIt5ZBDDbSGIpB8iAsqKdvCr0HArtKKAPDvgP8ADa68F6w0+sDw7o97ZaLZ+HdP8PeHr1rqO1tbdpHMkkzxRO8kjSZI8tQoUcsWZj7FBrWn3jSrBfW0xhG6URzKxQerYPH41fooAz4ta065t5biO/tZIIv9ZIkylU+pzgfjS/25pws/tn9oWv2PO37R5y7M+m7OKv0UAZ82uadb28VxNqFrFby/6uV5lCP/ALpzzTrjWLCzaJbi+t4XmwY1klVd/ptyefwq9RQBRk1axhvFs5Ly3W6bG23aVQ59MKTk0R6tZTXjWcd5bvdrw0CyqZBj1UHIq9RQBQg1rT7xpVgvraYwjdKI5lYoPVsHj8aSLWtOubeW4jv7WSCL/WSJMpVPqc4H41oUhOKAKH9uad9j+2f2ha/Y87ftHnL5efTdnFJNren21vFcS39rFby/6uZ5lVH/AN05was3V7BZW8k9xNHBCgy8kjhVUepJ7VwPiL9oT4d+GreSW88W6dII/vpZS/anX6rFuI/GtadGrVdqcW/RXMKlelRV6k0vmdtc6xYWbwrPfW8LTYMaySqpf025PP4UsmrWMN4tnJeW63TY2wNKoc+mFzk14W/7X2j6zeSWnhXQNS8RSqpZJIkeSOQD0+zJO4/4EgxUuk/HL4o6tHNcJ8Er37EgJEx1lIXbHcRTwxv/AOOk+1dn9nYlfErerivzZw/2nhm7Rbl6Jv8AJHt8erWU121ol5bvdr96BZVMg+q5yKS31qwumlSC+tpmhG6URzKxQerYPFeGH44eL9asTcW//CDeEWhUG5t/EOs3H2m2Jz/rIWgiKdOhPY81DceMfiP4kt400HxLBqc7Z/eeH/Cjrbnngi6u7oQt0/hz34JxUrBzvabS9f8AgJjeYU7XhFv+vNo94i1vTrm3luI7+2kgi/1kiTKVT6nOB+NH9t6d9j+2f2ha/ZM7ftHnLsz6bs4rxDT/AIb/ABp1yLbqvxObQYmPMdnZ2tw5XuOLePyzn0Zserda2bX9nWV5kn1L4l+PdQfgvGutG2iY9/liVSB/wKlPD0qfxVU/S7/RDhiq1T4aLXq0vwuzo/jF8dfBnwI+Hl1418XavHZ6HDhUaAebJcyNwkcSjl2P5AAklVBI5r9n39rb4bftLeHbrV/CGslPslwLe5sdUQW11A5GVyhYgqw6FSQSCM5BA4r4+/sE+A/jp4B1DQ7i/wBa07WpZFntteudSub94JVzhmill2uMFlI+U4bhh1rzT9mn/gnp4K/Z/wDE194Y16/l8dXesWH9ojUHjewWPyJdjIsUcx4IuIz8zNyD0zis406Up25ny+i/K/6nRKrVjTT5VzPZX/W36H2xca5p1pcCCe/tYJ8Z8qWZVb2OCaqXHjDQrXKza3p8R9Huo1P6mvHrX4I+BPC/xEh0Ky8LaIlpqVo2pxG4so5JIHguYEmRZGBYpIJ4wEzhSDxhsD1eD4d+FrSPZB4a0mFB0jjsYlA/AClUhSg1Zt/h+rJp1K1RO8Ured/0OghkWZVZGDqwDAqcjFTVwHgtR4V8Yar4SjUR6X5Kappka8CGN2ZJoFHZEcKyjoBMFHCgDv6xnDkdkdFOfOr9Qryr9rH/AJNZ+Mn/AGJms/8ApDNXqteVftY/8ms/GT/sTNZ/9IZqg1PVKWkpaAOD+JnxV8L/AA3ht7fxMmqXMWowTuIdN0C+1YGGIJ5zSrawS7EAkXJcAEH61xHwWvPhDpfjSXSvh58NpvBmpXlhLcz3q+ALrw8ksMUkS+W0s1rD5h3TAhRu+6SccZ9X8cXFha+C9fm1S3nu9MjsJ3ure1JEssQjYuqEMp3FcgYI5PUda8L+COtanqHxceHXbD4hm6i068hs5vG9/oZSyEc1v50EUOmuXdm3wN5s+9tqIVbEhLgH0f8ApXzT+1p4iv8AwzMl9e3Hi/SvDVroGoXdnqnhNb5hbawjRfZ/ta2gYmLYXwJwbc4fzAfkx9L1zHiT4e6D4w1jR9T1i1nvpdJlE9rbSXk4tBKGVkle2DiKSRGVWR5EZo2AZCpGaANDwvcajfeGdJuNWgFtqs1nDJdwqNojmKAuoGTjDZHX8a8o/aK1q70HxP8ABS/sNC1DxLdReMptml6VJbx3E2dA1dTsNxLFGMAljukXhTjJwD7Z24/SvJvjXCtz4/8AgbExcK3jK5BMbsjf8i9rPRgcj86APTtPupbyxtriezmsJpo1ke0uCjSQkgEo2xmXcpOCVZhkHBIwa5T4xeAbz4nfD/UPDdlqkGjzXjwMbm6s/tcRSOaORo3iEkZZHCbGAdThjgiuo/smD7H9l8y68rO7d9rl8zP+/u3fhmibR4Z7eKB5LoJH0KXcquf95gwLfiaAOY+GvgG78G/21qGs6wNf8S65di91K+htja2+5YkijjggLyGKJURcKzuxYsxYlq7RhmqdxpcNy0TO9wpi4Xy7qRAcf3gGAb8c0TaXFLdpcmS4Ei8BVuJAn4oG2n8QaQHnH7SPxWX4O/CfVdaicR6nP/oWmgjI+0yA7Tggg7FVpCGwDsx1Nc/+y58J3+DvwfinuoI18SanF/aOoNeMYyrFSY4ZJCpZQi4BzuwzSEDnFcB4303/AIXt+1Jp/h6GOTVPB3hUxy6uJBFNCl0A0jKGcsQrEW8TxgDP7zI+QmvW/wBoTSvE8fwV8a2XgHSL/XvFeqadNYWdvHqKp5TzKUMwa4nRFEYYtgMDlQAK9qv/ALLhIYdP3p+9L0+yv1PAw6+t42eIl8MPdj69X+hw/wAMP2pPFPi7/hWN94h8A6XoehfEJ5YtJuNM8SPf3UbLBJcI80ElnABE0ULNvR3I3IGUZOPo8dK8K8M/AnwZ8H/BcfirT9C1CXXtC8PvHaf8JP4ivLl9PjSDLQRSyTXC2inaFc24xgYAYACu/wDhjDdax8MPDc+rPqK397YQXtytzftJPFJIgkMZmjSLds3bchFztBIya8ZHvHbUf415n8YPir4J+DXh20uvFWsT2SyM0dlbRXMxubuQKTsXa25j05Y7QSMkZBrwzxR8dPF/xBmkn8N6jZ+EtFsSGk1Jb3zbdFV8MLm/O60jdleMBIlu23H5sAEVzVcRGlue1gcpr473o+7D+Z7f5/hufXrMF5J2+9Ykviaw1DR9Wn026ttWaxM0E0MEqyBZkXLQvg8N0BU8818s+FPDHj/4xeGbrT9U1O+8Z6NrMKfatX16I2GjxqfJcG1tYliuLkgbsSEwxNjcOTzpad+xXb6Jo/22y8Q3mk6tY7VgbRLWOzd0jAVwZhm4zNtkORMMLKowduWy9vVlZwhp6/1+Z6TynBUHKlicUlUvZWi2reezWulnFPqfV6lWPBB+lOr4x0T4h638N7Pwz4xW21S/0S6CvcXsOtXV1Y31tKSjRzR3ksq6fcwuYmO+byzslQy5O0e2fDv9qLwZ4+kt7a4muPCmqXTRGz07xCq2k17HKcRSQZYrMrkEAoTyO2Rm4YiEnyt2Zx4jJcVRpe3pR54d1bT1Sbt/XU9iDA49KfUa9iOakrrPACikpaACiiigAooooAKKKKACiiigAryr9pT/AJJ3pH/Y5eE//Uh06vVa8q/aU/5J3pH/AGOXhP8A9SHTqAPVaRjhSfalpD0NAHzV4q8c/syeJtbudUn+LfhjR9UuGDXlx4c+IzaK944UIGuPsd5F57KqqoaTcVAwCBXtfwztfC0PgfRp/BMNnD4ZvoF1GyksY9sdwk483z+xZpN5dnb5mLEtkkmvKvjR4yX4a+IrOz8La/L4e1W406K2bTrfwBqXiW3ECGcweWliY/Ik4nwHcqVjOE+UtXqvwtezk+GfhJ9Ol1CewfSrVreTVofKu2jMSlTMm1dkmMbl2rg5GB0oA39Ya9XR746csbagIJPsyy/cMu07A3tnFfNv7LPizU9Q8b3+kNJ4xYJ4b0++8QWfjJb4y2OsyPKsqwNdADy3CP8ALbkwfugYwuTu+m5oxNC8bFgrqVJRipwfQjkH3Fc74I8A6H8O9NlsNDtJIUuJzc3NxdXU13dXUxAXzJ7iZnlmfaqLukdiFRVBwoAAOkPQ14D+xh4u1bWP2f8A4X6ZeeCdd0KytPB2kiHWtQnsHtb3baQqpiWC6kmAYfOPMjT5euG+Wvfj0NePfsszXy/sv/BgW1vBLF/whujb2lnaNh/oMPQBDn86ANHVPhVrWqfH/QviFN4ktDo2kaNc6Xb6C2mO0qvO8byzi4FwFDEwxDHlH5VYZBOR59+1d4g8NWPjL4U2Wv8AibT/AAc1vqF9rMWuXiQNcQ+TaPCEtBMrKZ2ku4ii7X3GL7jgbT9CSSX4ulVLe3a2P3pDOwceuF2YP/fQoSS9a8ZZLe3W0/hlWdmkP1Qpgf8AfRoA5n4O3/iLVPhZ4Vu/FiSx+JJ9OhkvluIFgl8wqCfMjXhH/vKOFbIwOldgzHaaqQy6gzTCe2towP8AVmK4Zyx/2soNv5muI+LHxQPwq+HeqeINViginjKw2cNtJ9oaaaQ7UUI3l7sE7ioOdqscjGauEJVJKEd2Z1KipQdSWyPNdLhHx0/aZutRkjE3hP4cbrO1Dx5S41Z/9Y3zR4PlbQMA5V0jZThjTP2uvEEUPiP4S+HZNQ8XWFvqOtz3monwbJqv2yTT7e2czIU00GZkaWW1UnHy7s5HWu++Bfw3v/hX8N0sZD/aPiDULuTUtTuby4YPcXExBd3IEgVgAqkLlTtzkkkmXUvhLPefGHSfiYNUvpNXsdKm0hNFkuYBp0cMrK8hX/RGmLs0cZJ3r/q1GMcV1YupGVTkp/DHRf5/N3ZxYGlKnS56nxSd3/l8kcv+zdc6toWg+IbjxLda5pPh7VPEbR+ErLxvfyS6mLRoYgqO1wxn3STLO6RTMZFUqCBjA91PH0ryL4nS67H8ZPhUbGx1uXT0bUHvZNOursWO4wpGkd2sYMTD940iNMODAQpDEBtb4k/GbT/hvfx2dxaPql5JD9oWysCz3AiDBWlkyojiiBPMksiJ8p5yMVwSkoq8nY9ihQqYiap0o3b/AK+49GY7Vzn9aF9RyK+QPHHx+n8U2dte3XiBrTQ5RGraT4ZuxbxfaNiymG41uQCDb8pUi2dZBvIXfiqmi/tGeNPBurafaaN4ZvPF+ha4sMGjR6hqF1bRwz7Wcol9eWcf2gSqR5ZaR2byS2V3rGON4ymnrt/XQ+jp8NY6pFcqSk+7UUrecml532a2fQ+yvwpc18y6d+0Z418GanDpvj/wuv8AaV5brPDp+nXGnwXW/ONkUT6hI9yCQwDKqElcBCWwvZeDf2r/AAR4wt5xDbeJLfUbRzHe6b/wj17PPZuGYbJfIjkVG+U8buOhwcgaRxNJuzdn56HDVyXG04upCHPFdY+8u3S9tdNT2n9KpaVcNdWsjNCICs8ybexCysob8QAfxrlfAfxi8GfEw7PDfiGz1G4VDI9mG8u6iUNtJeFsSIM4HzKOo9RT/iD47m+HPwr8XeL7yxe9k0Gxv9QFnGdpmjgEjooODjcqLz75rojJSV4u55FWjVoTdOrFxkuj0ZTX47+CX8ex+Dv7Ykj1uS5eyjM1hcx2k10ib3to7toxbvOq5JiWQuMH5eDj0KvmLwA0mj/HPwpos+oWPiq58UaDP4v16GK3jMGn6gn2aK3vbYKv7lJFklhXcSziFWLMwdm9c+HPxq8N/EjUtQ0y0uF03XrG5u7eXRL+7tjfGO3uGt3uBFFK58kyoyhjjkHIB4qjI9BooooAKKKKACiiigAooooAKKKKACvKfDv/ACdN8Q/+xM8Nf+l2vV6tXlPh3/k6b4h/9iZ4a/8AS7XqAJfix8UvAXh9rnwl4x0vVNctr20ja50+28JahrVrJDLI0SJL9ntpY/ndGUIxySOnIql8CNQ+Gsd5r2jfDrwLN4Jit0tru8VvBtx4djuTKZVQhJreFpWUQtk7SACoznIHV/Fie3t/Al+Z7HVtRLSQJBbaFLHFfG4aZFgMLSukasJShBkYIMHdxkV5t+zZrV5rXiLxRNq9r4zfV3tLKQal41vNHa4lt/MuVWGO30xvKhWORJs7lEhZ2VidgCgHvdfJP7SOh6tb/Fm0vR4UbW9Y1efR7PwX4itp7QT6Jdx3Ekl4uyWVZRG0Q8yQwJJujWQSjYgr62rGj8J6FH4ofxJHo2np4ikthZSawLWMXb24bcITNjeYwxztzgHtQBrKDt6/jXgeoaj40sf2qvGP/CJaBoWtRyeDvDn21ta1ufTjCPt2t7DGI7O48wkF8himCq8nccfQFeU+Hf8Ak6b4h/8AYmeGv/S7XqAOm+LPjo/C/wCF/ivxgLaC9/sLTJ9RNtc3Rto5RFGXKmUI+3IGAdjc44rhPh38cPFWtfEHQvCXjPwTp3hm+1zQZNfsW0jXm1MRxxvCkkdwr20BjcG4jAKiRSQw3DAzH+1p4c8TeOvhdF4R8O+Gr/xHBrmqWdvq/wDZ97b2slvpqzxyXJDSzwks8aNGAjE/OTxiqnxA+HOhfAr4X/EHxf4OXVbfxpJo7wWmuX2oT6xqbSgf6NAk1+052GVkAjOUy2dueaAPeqK85+Enj7V/FNx4k0PX9NjsNZ8N3UFlPNDfLdC5EltFMkjlY4xHKVkBeIKVUkbWZSDXo1ABRRRQAU0+tDsFUknAxXjHjz9qHwr4Xa4tdHLeJdSh+WQWbYtYCSQDLPgqqlgVyofDcECuijh6uIly0o3OWviaWGjzVZWOm+L3x4+H/wAB9LstQ8feKrHw1b3kpitRdlmknYAFtkaAuwXIyQMDcMkZFZ3/AA018MZfDVrr9l4v0/V9MuoxLFJpbm6OCSBuWMEpzkHft2kEHGDX54/tr/swfHj9sDxFofjfQvC63kVjZ/2fFprzw2G1PMZw6rcSDcfnIZ921gqlcgkL9HfsN/sIx/Bv4R2Vv8S7WHVfFM15NeNp4uDLa2SSKi+SQMLKSIwzA7ly2BnGTtGlTo1XHEbL+WxjKrUrUVPDbv8Amud5d/tXax4rvH0/wB4MvtTnVzE1xcRGYQNjIMkcZChG4w3mDqOOeJrPwf8AHrx60b634lsvBllIh82ztyJ5UY9NvkhCO4/17dO/WvofT9PtdLtI7WytorS2iG1IYUCKo9ABwBVmuh42nT0w9JLzfvP8dPwORYCrU1xNaT8lovw1/E8AsP2P9CvJrS58XeJ/EfjG7hO4te37RruxjKlf3gHt5hrv/D/wC+HnhllksfCGl+erbxdXVuLifPr5sm5/1rv8c0uDXNUxuIqq0qjt2vZfcjrp4DC0neNNX89X97I44kjUKiKijgAAAfSpe1FLXFud6SWxQutHsby6gubizt57iA5ilkiVmj/3SRkfhV0KF6DFOop3b3EopbBRRRSKEPSuD8RL9j+Lvg26/wCe1hqNj/319nl/9oV3h6GuD+Iw+z+I/h9edBFrrROfVZLK5jA/77ZPyrajrOy6p/kc2I0hzdmvzKXjaCEfFjwZNPJ5Eb2d5bK/q/2ixlVfxMAFej461yfjjwzDrV/4W1GW4MA0nVY7ogKSZd6PCE68DfKjf8Arre9Kck4xt0KpxcZTT2bOX1Lw/dXHxE0DW4Sn2a1sL2yuAxwxEr27qQO+DB+vvXVU3vTqzcub5GkYqN2uoV5V+1j/AMms/GT/ALEzWf8A0hmr1WvKv2sf+TWfjJ/2Jms/+kM1Is9UpaSloAxvGV6+m+Edau00z+2XgsppV03azfaisbERYVXJ3Y24CsefunpXhf7PWreGr3x5cx6Jqnw08U3EOkraG++Hnh37E2kW8ToIrK5nW5nGDuOyE+UR5LkIQG2er+O/ito3w5v9NtNVsdfunv45pYTofh++1YqsRjDeYtpDIyf61cFgAcHnPFcl4R+JGmeM/jBanRpvGdnHPpFwLvTtd8O6npli7RSw+VJH9tto1EgEkgIiYblfLq2xCoB7HRRRQAV5T8ZP+SifAr/sc7n/ANR7Wa9Wryn4ycfET4FH/qc7n/1HtZoA5/45a9b6b8XvhHBL4gvNCtrWfUtY1ExarNZ2s1jBbBCk6K6xSg3FxaY83phgv3iD6l4B8WT+OPC1hrc/h/WPC7XimQaXr0UUV5EuTtMiRyOFLAAhSdwBwwByB5N8dP2TdM+OvibU9e1fVkg1CPQU0vw/MdPWZ9CvFuDOb+JiwLSFlgG0bcLEwDfOax/2jryx07wnoVh4k8T+Hte8UaJ5uvS+HfEFuINP8SII5YjbLCN/IaQeSv75leOPcJD81AH0oa5L4o+PLL4YeAdb8TX/AM0GnW5kWLJHmyEhYowQDgs5Vc4wN2TXzT408Y/CH4Z/GD4d2us/2B4UtPAvhK71bTtDv5YE1CG4umiSC2to3bcZAkVwBGnOWjwcYrsPjeqfHD4v+EPhZCkculaW6+JPEZbDFI0BSK2O2QEM/mEMpGQJI3UkAiuzCUo1aq9p8K1fov6scGOrSo0X7P4paL1Zpfsc/De88J/Dg+JNbkmuPEniphqN3LcOWkETFniVjnBJ8x5CcBszEN92vf1XbTVUKoAHC8AUrHapJOABWeIryxFWVWXX+kaYXDrC0Y0Y9PxfUzfE2g6b4r8O6pousW4u9K1K1ls7u3Z2USwyKUdMqQRlSRkEHmvC9S+KJtfCFza+BLiLw34J0WOaC48dazm9t8xgKVtkabzbqQyMR5rnaWRgPNJxVb4p/FSx8aaXPI2oT2nw4huhYzT6erS3fie63FRp9kF+YxswKO68vhlUhQ71zXgv4K6z8fNVj8UeO7a68NeGbRVtdH8KrbiEwwI6lgVkj3RBggQsoSRlyAUjwreLWrSm/Z09/wCuvb8X0PvcvyyjRpvFY+XLFfN+iX2pevux+12PiH9pr9m/4kftceLLXxN8MdBvPFFvbwGHUbm/1e1Fw87SO6vK7mKJJPKMSm3h3CFVQHDMVH39+yn+yvc/C34Z+Brf4g6i/izxVoNgLe2junWe00n960gW2GwHcqlE8xizYiAUquFr6J0vTbXSbG2sbG2itLO3jWKKCFAiRooAVVUcAADGMVcGBxXVTpWgoz1Z4mMzD22InVw6cIvRK93b1/pdBoULwBge1ZctvqDaDfwiTN8/2jyH3fdyzmLn2BUfhWt7Vjyaa7eHdRtftah5vtW24zxHvdyP++QwH/Aa6DyPM5zVvgX8PNcv7i/1DwR4fvL24kMs1zcaZBJJI56szFCST6mvN/EPw9svh1fa/pH/AAhDa38KvEMUMt3p+kWscv8AZt2Cscji1QLIY3QQOPJDsrxSNtG7NfQX4flSY3dsVzyoxlqtH/X4Hp0MxxFHRybj2u9Oqa7NdGfG+ia9rPgnVz4b8M/EPxPf6BY2aTWPh+6sYLPW44VD5EUN/ZBryMbDgrIhVVKgMwGfX/CHxY8Tanp9tfabY2XxP0W5Vj/a3hWWCza3lAQiCa3ubjg7WyWEhYH5TGvBPpHjPwDoHxE0RtK8Q6VbarYsxYRzpkxttZd6MOUcBjhlIYZOCK8yt/2cT/ad3dza0ZdWt/Il0bxT9miXV7V0RkMc8iKouYcBBtkB3BnDZIVhgqdSm7R2/rv/AF6Ht1Mdg8ZByrRSn1ulr53jy3fV7d/ebNq4+PdvoFxMnivwj4p8KwxW32l7y404XtsqAkHfLZtOqYAJO8gADJwMZ9M02/t9Vsba8tLiO5tLiNZopoWDJIjAFWUg4IIIOQe9P8lZI9jjfkYJI5rl/hn4Xv8AwXoL6Hc3EFxpdjL5GjiJWDxWIRRFFJnq0fzIG/iVEJ+YtXVHnT11R89UdCpTcoLlkvPRryvt82deOKfTPTtT61OIKKKKACiiigAooooAK8q/aU/5J3pH/Y5eE/8A1IdOr1WvKv2lP+Sd6R/2OXhP/wBSHTqAPVaRuhpaRm2qSTgAUAeJ/GDT7jxJ4uuNN0Xw5Z6zqkGkRyahNqXjS98PxRWzzOYnj+yRTMZUeCQiYohjydkmXcD0b4byaTJ8P/DLaBAtvobabbGxhSUyqkHlr5YD5O/C4+bJ3dcnrXjHxJ+LH7NXxi8PxQa/8Rvhfe3EMbPp95q99pN5Np0rgfvI4rreEcYXKsvbBHHHs/w18QTeLPh/4a1ue6sr6XUNPguXutNXbazF4wxeEb3xGc5X524I+Y9SAdPRRRQAV49+zNqkGh/sh/CjUboTG2s/A2k3EotoJJ5SqafEx2Rxqzu2AcKqlieACTivYK+XdF8dTfDf/gm/4V1+03f2lB8OdLhsFXGWu5bCGK3UcjJMskYxmgD6D8D+NNI+I3hHSfE/h+6e90TVYFurO4kt5IDLE3KtskVWAI55Uetb44r5u/Zk8UT6hYyQzane+E9H8G2R8K/8IBfLaSTwy2UcRlvJpIw7ljHLBtSKRowrqxLGQBe50n9oC31Twnq3if8A4QzxRa+H7TQz4htdRuI7NYtStdjSL5BFydrlAG2TeUQGGccgAHrDfdNfPfj+Sb4wftD+GvBtpI66H4Jkh8SazNGuM3nWzgyUODglzg4ZWcZBWvTLz4qafpfwnPj3VbO80PTxpo1J7G/MIuowyBliO2Ro/NYlVChyCzAZ5rkf2W/BU/h74bxa/qxW48TeLZTrup3OxVYvP86JwoICqR8vZmfGAa9DD/uacsQ99l6v/JHlYr/aKscMtt5ei/zZ7J0oJG00NwpOccd6+Y/jJ8cta8deNk+FXwtkkbVZZPI1vxDbx+Ymlx52yKhyB5ig/M24bThFzIwC+PWrRoxu9+i6s+py7La2ZVfZ09EleUntFLdt/wBX2Wp8lf8ABUj9s7xn4L+I2h+Cvhr4uutDsLG2M+q3mkSeXJJdmRl8hpeuI0VSVU4zJhslQF9T/ZK/Z01f9oD4LeFfiP8AEXxbrM2pazCLkWTW0J3+VNNHFLceekgudyYdGdflWTavy4A+mPAv7J/w58K+BYPDmreGNJ8XoJhd3Nxr2nxXbT3IBHm4kVgpALBQOgY8klifYLW1is4IoIIkghiUIkUahVRQMBQBwAB2FR7L6xBe3jqdn9ovK8RUWU1XyPS7Su1362u/nbRnC+Dfgn4R8F3sep2+mC/8QDl9c1RzeXztsCE+fJllBUEbVKqNxwoyRXQ3HhbTtc0O70vV7S11mwuJpmlt7uFZonUys4VlYEHbwORwVrfxxVHSIYYbV0gl86M3EzFv9oyuWH4MSPwrpVOKVkePUxNatP2lSbb9Tj1+B/gSHR73S7Twxp+k2l68Us40iL7A8jxOHifzINjBkYblYHIPSvIfjF8H2+HOoaR438Ja74o0lrZzaanci5fVjb2bxS/vniuTJJJGsxhLorYCBmADLvH05t/L0prxh1KsOKxqUYTVrHfhM0xOFq8/M3F7p6pp6PR3X4HzV4o1bxV/bXhKe8XRda1W3u21Pw3rOmQtBaavE1pIJ7FyZJDBI0bPKj73jfylJxtIr2r4c+KrL4ieBdP122lW8sdUje5RXKtiN2YiNwCRuVSEZecFSDyK4zWv2X/BGoavZ3em6evh22R1a7sdHU2kVzs3NE/7oqYpo3YMsqEPtLISVbA5/QPAviP4E+MrnWbC+vvFvg7VpVj1GwiR5ru0mASNbzau4zk7SJQgRud2JMcYx9pTnrHT1/E9Ks8FjsOo052qJXV1a+91o2vNbL77L1XwX8MvCPw0tbyHwd4R0Lwsl0RJNHo2nQ2STOM7S4iUbup5IJGTXlfwL+CPizwrq2gX/i+Pw/ZPoVvqAjGg3U102qXt9MktzezvLBEYyShAiHmffJLnaoHvancVJ6dR1FT13HywUUUUAFFFFABRRRQAUUUUAFFFFABXlPh3/k6b4h9/+KM8Nf8Apdr1erV5T4d/5Om+If8A2Jnhr/0u16gDd+MtxbWvwz1sX2mabq1hJGkFzDrds1zYJC8ipJNcRAHfFGrGRwcAqhyyDLjiP2cda0fW7/xXdaVqngfxXLcSW8134o8A6L9gs7yXa6iGaQXFws80aqCT5pKrKgKrwW6/xh8aNB8C+I20TUbHxPc3QtY7zzNF8L6lq0QR3kQAvaW8oVsxN8rYOCMZ7Y/wr8a2XjD4g+LJNJuPFi6e1tZ3Taf4m0a/06O3nZpkdrZb2CN9rLFHuVCY1K5CqzuWAPWaKQ9KxvEfi7RPB9vbXOvaxp+iW9zcJZwTajdJbpLO5xHErORudj91RknBxQBsmvKNDHkftOeN5E/fvN4T8PRPDFw0Crea0VkfdhSrl2VQhZsxPuVQULeqKemK8t8O/wDJ03xD/wCxM8Nf+l2vUAekQ3kzXjQtYXEcS8i4ZozG30Act+lc94y8J6Z8TvD954f8R6PftpcjxTkR3htnaSKRZImjkt5lkRlkRGBBXBArA+PHjbxJ4F8PeH7jwtJpv9qaj4i07SvI1SzluUliuJ1jl2COWMoyIWl3EsMREFecjs/D/jDQvFkmopoet6drL6bdNY3y6fdxzm1uFxuhl2E7HGRlGwRnpQBleA/Cel+AfD01jomh3tlCJmuJFurv7Vd3cz43SSTyTO8rkAAtI5Y4HOAK6D+0J/sXn/2bdeZnH2bdF5n1+/t/8erQpp749KAKM2oTx20UiabdSu/WFGiDJ/vEuB+RNYXi74hWPgttOjvLW6uLnUH8q0s7RUknlkxkoqbsnA5LY2qOSQOaZ4+8dx+Dba1gt7VtV17UHaHTdJhba9zIBySxB2RqDueQjCj1JAPA+C/Bd74r1K81i81Frya8Uw3+vW5aJrhAQfsdhzmG1U5BkB3yEFgc4euqnSTj7SpojgrYiXN7KjrL8jF1bTfFXxknvLHVHjWyhkWKbQbG4ddPt8hgy3d0hD3UicboI/LUHAYkYau88C/CfRPBt5DjR3uruDLR6hNHAsMJPXyIkOIs+oXcf42Y813um6Xa6PY29lY28VnZwKEihhQKiKOgAHSrbEKMk4+tXPFTcfZwdo9iaeDgpe0qe9IowX08rTBtPuoBGDtaRosSf7u1z+oFEN9PJBLK2m3UTp0hdoiz/TDkfmRXF+Ofj54F+Ht6LDVtehbVmIVNLska6u2YjKgQxBn57ZGPeviX/gonqnxy+Onwr0Nfhz4B8aaZ4Whu2k1S3gQLf3zHCwg2sLtOYkIZiCMEsjEfKDXm+1g5cqd35H0DwGIjR9vKHLDo3pf0vv8AI/Q/7fP9j8/+zbrzc4+z7ovM+ud+3/x6m3GqS29tHKNPuZXfrCrRBk+u5wv5E18QfsS/Db9pe3/Z507RvEviaLwWhnlewOuWEl7rFrbnbsjdJHCoud5CONyggcDAHsC/sk65rV1LN4o+LfivU1k+9BYXBtoG9cxu0ij/AIDtxWU6lRStCF/mkv6+R24bAYSdP2mIxUYf3VGUpfko/wDkx654r+LHhvwXNDHq2o29pJLyI5LqBXz6BWkDMcZPyg8CuZvf2mvBVqs0iy6hJCgz5jWbQK/qV83ZuHv04rH0X9jH4T6PHHu8OyahKp3eZfXs8uW7ttL7cnPYCuusf2efhrp2DD4E0Dev/LSTTonY/Viuf1rNfW5dIr73/kdzWQUkknVqP0jFfnI41f20PhZ9oSE63M0sgbbHDavO5IPTbHuYE54BH8jT9S/ac+0Lat4a8BeK9eSY4LSaRc2qIP7294sFfpk+xrE+IXx2g+H8dxZeENEs9O0OxuZ7W41x9FvtQtvOhXNwsNrp8LyOsXIllcxRo6lNzMHCWvhT+0hc6/dQR+ILONtJuZre2g1+10fUdKiWW4z9nWW2v4kkVJmG2OWNpY2YhCVJXdooV/tTXyX/AATkqYnK4yvSw0n/AIp3T/8AAYxf4nSx/GbxTLrlnZx/DfVJrSYfvLxJSqQ/7wkjRvyBqrN8bvFh8WPoFr8PZHnjtxdGa51AxRshOPkxEWbB4OFwMj1FezHHUfpWD4p8EaT4wt4V1CGRLi3Je3vLWZ4bi3cjkxyIQyk9+cHoQRxRKnVtpP8ABf5EU8Xgea1TDK1rbyevf4kecxfHfWodYTS9S8Fy6VdSOI4pry6eK2lcnCqkzQ7CxJACkgnsDX5F337fv7Rsf7SU14Nd1OK/TWzZf8IPt/0Piby/sXkY+9x5e7/WZ53Z5r9i9Q8J+N7axn05dT0jxdpMyFHg1608uaRCOUd4h5bA9M+UPcN38jtPA+neA/HkWv6j4F01/EqujQyXGmpfzTBcbBZ6u0ayIRjiK5OflKoQgBqVOVN/vPvOirhsPilfCqKa6Jt3+/Vfl5numh/EK6udft9H1/w/d+Hb26VmtHlmimguSgyyq8bHDAfNtYKSASM7TiP4wfufDemXY622u6VJnsFN7Cjn8EdqtXmn6d8UvCuj6pY3kkBYR6lpeoQqPMt3ZDtcBgR9x2Uqw5DMD1rkPHOq+I9Q8DeIdE1fw9cLq0enzXFpqGnjz7O7mhUyoBg74mYoPldeCQFdzg12UJ8tRXeh4mMoRrUpOmlGS3jft2vq/TVnqWqTwwWkbzxedGbiBQv+00qBT+DEH8K0ayru8MenW9xHD53mSwKEZegaRVLY9QDn8KpeMviB4Y+HWmpqXizxHpPhjTXkEK3msXsVpEZCMhQ8hCkkA8Z7U3o7HJF3SZ0VFV7a4iureKeCVJ4JlV45Y2DK6kZBB6EEc5qxSKCvKv2sf+TWfjJ/2Jms/wDpDNXqteVftY/8ms/GT/sTNZ/9IZqAPVKWkpaACiiigBK+Wf2wLjV9b1uz0KO50L+wNJ8O6j4tvNG8SxTPYa21o0W23nWN498SByxVy6ZeN2jcIFP1MawPFHgXw744XTx4i8P6Xry6fcpe2a6nZx3Itp1B2yx7wdrjJwwweaALHhW+XVPC+kXaWTaalxZwyrZsNptwyKfLIGMbc7e3SvPfjPuXx18E2iG+6XxhcGGNztR2/sDVwQzAHaAu45CnkAYGcj1ZR0xXl3xj/wCSifAr/sc7n/1HtZoA9Fmm1FbeIxWls85/1kb3LKi/7rCM7vyFF1Lfo0XkW1vIhA8wyXDKV9doEZ3fjir5ppwc0r2A5/xd4mk8H6Hqut3VtHJpWm2ct5cPHMfO2RoXYKmzBOAcZYZPpXjP7Jvh3WLvTtb+JGuPI+peOJVvpY5i6fZoY2kWBI0ZSSm1iVYvzH5WBxku/aQurn4keLvCvwe05pki1mVdS1+eFWHk6dEzMF3bCAZHjIDAjDRqGGJK97sbOHT7O3tbaJLe2hRY4oY12oigYCgDgAAAYr0n+4w3L9qev/bq/wA3+R5CtisXzW92n/6U9/uRFbzX5MwntraJQMxtHcMxb/eyg2/hmvyy/wCCqX7WHxA0LxJovgrwjrU+heG2tpl1O70aZ9l5dBtslq82xciNGTfGpI/fAPk8L9t/tGfHCw8Lwv4dtNWnsmjxJrt5p6q09latHIyRRkkYuJmQKgALKheQhQoauT+D/wCy3o/jS4TxX8R/BunPaqgi0PwlqsK3sOm2wUANIJA26Vvmcg5+Z2dvnbCeE6/NUVOCuup93RytUsDLHYqbg/sd2/61v0Wr3Scf7Ceh6t8TPhD4E+Knj8reeJJdNNppFmLNLa20y0RmhEkMKjaJJ1jWRpABlXVVCoMH6ywBwBgVWtLaOygiggjSCCJQiRRKFRFAwFAHAAHYVarphCMFaKPDrYipiJKVR3/QKKKKs5xKw5LOzbw3qdubrFpJ9q82f+5ueQv/AN8ksP8AgNblYcn9n/8ACN6lu8z+z/8ASvtGfvffk83H478fhQBtjrmnVynxO8aN8Ofh/r3idNPk1U6Xatc/ZI3KFlXqWbaxVQMszBWIVScHGKofC/xx4g8YW+qReJPCw8N6hYzoiTWd99v0+/idFkSa1uTHEZEw2DujQhgRgjBIB3VFFFABSUtFABRRRQAUUUUAFFFFABRRRQAV5V+0p/yTvSP+xy8J/wDqQ6dXqteVftKf8k70j/scvCf/AKkOnUAeq0jcqRjNLRQBWtbeKztYreCKOGCJBHHHEoVUUDACgcAAdBRaWsNjDFb28UcEEShEjiUKiqMYAA6D2qzRQBQ8QahLpOg6lfQQNdT2ttJNHAucyMqkhRgZ5Ix+NfMX7Ic1/b+K7uTWn0HxNrnijw1p/iufxdp8MgvZRO8i/Zrh5HfMalMwrH5UaqJFEY2lm+qz0NYXhfwP4c8FtqDeHtA0vQm1K5a9vjpllHb/AGqdvvTS7FG9z3Zsk0Abp6GvnP8AZItPEfij9nX4W6d4v8I+F28LQ+FNFn064j1aTUJ53jt4HgkltpLKNIWG1ZMrLIUdQAT96voyvIv2VUuT+zP8J3SWEWreD9I+zQmImSNTZRFQ77gHIGMkKucHgdAAdfq/hNdGTxBrfg/QdAt/GOprGZry8gEAvTGAq/aZokMjYTKqTu28cYrxnWvgJ4xj+EfxC8MaBaeH9NXxRdxi38NHV7ldM0+0ZY0u0in+zMyecqyfu0hVEL5HOSfoWOHURbyrJdWzzn/Vulsyqv1XzCT+BFZ/iDV5fDHhXUdV1G/treLT4JLq5uvsjsiRIpZz5auWOAD0JPtTScmktyZSUU5S2R83eLIfHfxW+I2g/C/xjY6XY6fLcjxHqtjod5JdWsOlRKkcFq07xW7SmS4jlZh5eV3xFchDj6ivr610fT57u8uYbOzt0Mk087hI40UZLMxOAABnJPFeRfAHQdW1Lw/f/EG9FvY+IvG0sepzrPD5whtBGEtIBsdAQsWGyRu/eENkjJ8B/wCCrOrajr3wM0/wF4d1F7rxJq2p20r6DYwvJc6hApYbQqt90ymLC4JZlAXODXVjKsaajSvZR0+fX/L5GGW4StipyqU4uUp62X8q/wCBqd58aP2jrvx54g074Z/CDUrXUta1hxFdeILO4R4LSIoXcxyA4ZggyWXO3IC5cgDofDfw1i+Bej+E/ht4RvXh8UeJnml1HxM0UbXEdvAqvc3CI4Zd2ZY441YMqNOGYSYYP88/8Ei/2efG3wp8O+OfEXjnwzdeHJdWmtrbS7XV7ZoL1I4/MM7bHAdEctD1xuMOcYCmvsn4o+H9Uj17wx420Sxk1XUvDrXEU+mQsqy3tjcBBcRxliB5itFDKoJwxh25G4Mvk06Nqrq1Hd9PJf1ufVYrNIvBU8vwkOSG89dZz7t9l9lbLfdnzh8OvCfh7xx8YdW8Nanovhq71Ww1W7g1HT9Uvb5PFWn2USuIb8XM05e6juWa3cSQrGkQmCfvDkp9EeCdS1HwX8RJfh9qepXmt2k+mtrGh6hqDiS6FvHLHFcW0z4zKYmlgKynLMswDksu9/E18YeAbz4geG9Z8V/GrwxcN4Z1K81TS9H1XThYeJ7aS4Eqtas0s3neQFl2GJbZWbyYwzkKQfafBNneePPiVJ8QbvT7vSdLtNLk0bQ7XUITBczRTSxTXNy8TAPErtBbqsbgOBCWYDcAOs+ePU6oaP5H2Vvsu7yvtE27f13+a+//AMe3fpWhVDR5oZrWRoIvJT7RMpX/AGhK4Y/iwJ/GgC/RRRQAVn6PDDDausEvnp9omYt/tGVyw/BiR+FX6oaP5H2Vvsu7yvtE27f13+a+/wD8e3fpQBfpaKKACiiigAooooAKKKKACiiigAooooAK8q8Of8nTfEP/ALEzwz/6Xa9XqteVeHP+TpviH/2Jnhn/ANLteoA9VooooASvj/48axqWj/tFxavB4hbT/FOnWmlw+EPD9xZQTprMc90yalHb+YjOJNm0StAUeNEiZz5eQfsGigBnPJ6/Tv8ArXgWoaf40vv2qfGX/CI6/oOixx+DvDv21da0OfUjMPt2t7BGY7y38sgB8lg+dw4GDn6Arx/StUs9M/ai+ID3d3Baq/g3w0FaeRUDf6brvTNAGD+0v8KvG/xc8QeBbHwvqtz4ZsdHbUdYl160a3MkF8LVreyjEcqvncbiZiwX5RGcFWKkLpLfETw/+zfppsvCEnhXxbCbQ6npthPbX16VLxnULiElmikuGzcSJvaQudpbLsUHt11rGn2jRLcX9vA02DGJJlXeO23J5/Cud8YeFfDPjLUtNi1e7mi1KxLm1+wavcWFwvmKAwBglRiCMcH0oA8lk8U6/qeifCa08N/ErV9YPirxA15/a82mWMVy+kpbzTywTxG22oVKRxMVjjdXdQ205z7D4q+IGk+FfCo15pvt8E4RLGKyIle/lk4ijhxwzOSMY4xySFBI8Q/ac034UfCv4S3XjLVbLUiPAWlyW+naX4a8TX2kSqsrxxiH/RZ0IDuYgzMGOOSD0r4//Y//AG27/wDaO+OHhf4dan4es/C9smmvp3httJnlZdMhhgd5sCQszzvbxeUsxcbACdpLGtqUYOXvvQwryqRg/Zq7Puvwf4TvvGGr6jqGqzCa6uD5Gr6hAx2bVORplo3UQxkkSyDl33DqWEfsdrbx2dvFBDEsUMYCJGigKqgYCgDgACo9P0+10TTbeys4Y7WztoxFFDGMKiAYAH5V4h46+N2r+MfEF14I+FEKaprsZ2X+uSKfsWmjOCS+CHfrwAeQeDgissViorfRdEduV5VVxDcafTWUnoku7f8AV+h2fxU+O3hn4UQxw6jPJe6zc4W00exXzrqdmOAAg6AnjJ444z0rzyx8L/FT46YuvFepzfDjwlNtePQ9HkxqM6nnE1xjMf0XBIJBCkV2Pwv+Bfh/4Ui78Q6ndHWvE00Zl1HxJqjDeQFO4jccRpjPQ9ByTgV594p+MHjDxHfeH30m41nQdN16CfUdM07w5o9vfaq+mQmMPqNybtlSND50JFtFHLORIMBm3JHwqnUra1XZdl+r/pH0M8ZhMvXs8vjzz61JL/0iL0j5N3l/hPaPh78IfB/wvtTB4b0K104uMSzqm6aXvl5Gyz8+pPWu1AA4AxXjHgH4ja9psfhF/FF7HrXh7xbHE2ka8bH7DcwTyxebHbXkAZlVnUMFkUqN48soGKl/aK64xUFaJ89VrVcRN1K0nJvq3dhRRRVGIUlLSHoaAPnPwbdNpX7G+q6XJa313rmlaRfaLqVjp9lNd3bakPMjlAghVpCZJH8wYX7kquPlO6l8dXy6z+xgumwW19a6zq+gwaHplnqFjPZ3f9pOiwQgwSosgKSgPyuNsZf7ozXpniz4R2XiDWpdc0jXNa8F+IJ1VbjVPD0sSPdBQAvnwzxSwysoAAZ4yygbQQOKPCfwgtPD+uw65rGu6341163DLbal4hmhY2oZSrGGGCKKCJmBILpGGKkqTt4oA73vT6KKAEPSsTxZY22qaFcWN5aJf2l20drNBIuQ0ckio2R7BifwrbPSm+vrSaTVmVGUoyUo6NHJ/DnwhP4D0V9Ha6W9s4p5HtJWDeb5btvIkycFgzNyMDGOBXXYHpXl/wAUPjtp3wt1VLCbw9r/AIhlj0+TV706HDDIbKxjcJJcOskyPKqkjKwLLJx9zkZ9G0+/g1Sxtr22fzLa4iWaKTBXcjDIOCARkeooUVFWRdWpOtN1J6t7vuN1OS4itka1XfJ50QIxn5DIoc/gu6vm344eOrrULzxz4o0mKxt4vg5by3UsmohmGqzyWPnXFmecJCbeSJdxV2MkiEBREfM+ktTS4ktkFqdkvnREnOPkEilx+K7q8/8AFH7Ovw/8aeKLjX9Z0Sa7vbuS3lvbf+0ruOxvngx5L3Nmkot7hk2qAZY2ICqOijDMi14H1fwd4Ft/BngPRbGfQ1vNLe70nS1s7hooreMIXUzbWjQp5qjazg/MAAa9Dr5k/aQ+GPiL4neO5rRPALeKdJl8MT6RpeoXV5arp1he3UwM1xdRPKszeUtvauhjjkO4HGwgOPo3SLNtN02ytHne5eCFIjNL9+QquNx9zjJoAvV5V+1j/wAms/GT/sTNZ/8ASGavVa8q/ax/5NZ+Mn/Ymaz/AOkM1AHqlLSUtABRRRQAUUh6GsHxJ458OeC5NNTxBr+l6JJqdytnYpqV7Hbm7nb7sUQdhvc9lXJ9BQBv15V8Y/8AkonwK/7HO5/9R7Wa9SUjjvXlvxk/5KJ8Cv8Asc7n/wBR7WaAPVD0qrqGoW+k2Fze3k8draW0TTSzzOESNFBLMzHgAAEkmrR6GvF/2iri88SW/hz4cabePZ3Xi69MF7NDkSR6bEnmXTK3RSRsT5gQRIRjnNbUaftaig3p19OpzYir7Gm59enm+hX/AGd9GHia78S/Fa9sTa3/AIwud9jHLD5csWmxKsVvuBJIaRYxIcMVOUIxXS/HD4sRfCnwfLcwNby61OGWztrgvtwuDLO4RWfyoUJkcgdFwOWWun1nXND+Gfg+a+vJLfRtC0m2APASKGNQFVFVR9FCqOeABk4r5r8NeBdW/aX8fWni7X4I9P8ADcMKwX9mjBvOkguZGXTWVkDbYmBM7E7JX2BRtRSvLjsTKpJqmtXol2X/AAD38hy2lGPtsZpShrJ/zPey83/Vtyv+zf8AB2/+IHiSL4j+JJLxtD+0TXuj2N9FHHJeSTHfJezRqNq73y6AZIURANtjUt9fKoGABgDjgYFRwxrEoVRgelT1lQoRoR5Vr59zTNs0q5rX9rNcsVpGK2iu3+b6sSloorpPFCiiigArCkvLNfDepzm0zaR/avNg/v7XkEn/AH0Qx/4FW5WNJqDr4f1K6+xqXg+1bbfHEmx3A/76Cg/8CoA8k+POpXOnfEP4fXGr6NrWufDyEX0+o2uiaRcaoTqCrF9i+0W9vG8jRgG4YHYUWRYmYhlQ1yfhfX/GXwb/AGb7G/GnrpGqaj4qxpXh3VLV7yaz0++1YiC08uOVCJI7eYEKGIjCbcEJgfT1cX8TfhovxLtNHjHiHWPDN1pGoLqVpe6N9mMgmEckY3LcQyxuu2VuCh5APUCgC38OvH0HxE0GTUotN1DRpra8uNPutO1QRCe3nhkaN0YxSSRtyMhkdgQRzmusrnPAfgnTfh74bg0bShM8CSSTyz3MplnuJ5ZGlmmlc/ekd3Z2PTLcADAro6ACiiigAooooAKKKKACiiigAooooAK8q/aU/wCSd6R/2OXhP/1IdOr1WvKv2lP+Sd6R/wBjl4T/APUh06gD1WiiigAooooAKKQ9KwfC3jrw544W9fw74g0vxAljcNZ3baXex3It51xuikKMdjjIypwRnpQBv15V+yf/AMms/Bv/ALEzRv8A0hhr1WvKv2T/APk1n4N/9iZo3/pDDQB6o33T2rxD42A/E7xx4Z+FUS79PuSuu+I/T+z4ZB5UPIGfOnUDKOGURk4INew69rVp4d0PUNVvplgsrG3kuZ5W6JGilmb8ACa8h/Zt0e5m8Paz8QdbiMGteM7r+0nWQ5aG0AItYc9wsZOD6MK7sOvZwlXfTb1/4G552KbrTjhY/a1fp/wdjsvi38TtK+DvgDU/EmqOipaxN9mtmkCNdTbSUhXg8sRjOOBkngGvn79mX4P6h8SvFN38afiJbJPqupTibR7EwhYY4gE8q4Cn5uAqhN3Tbv5LgjBZdR/bU+NDKTO3wd8N3HTa9uL+Qw8ENnLMxY/3dsTD7rSc/aFvbpbQpFEu2NOFUdAK+cj/ALZV9o/gjt5vv6dj9PxElw1gHgqWmJrL941vCD1VNdm95+Vl3J+M9MU+mDP4U+vVPgQooooASqWk3DXVs7NCICs8ybR0IWVlDfiAD+NXa5/VvFNt4P8ACOsa/wCIplsNO0uO6u7qdgcR20Rdt3HJ/dqDxQB0NFfJngnwfpVx+0FoOua/4em0LxL4sF14s0TVbe4X+0ooI4oIptL1CQIC8W24ikWHLIjBlDHy0Zvpvw74q0XxdZvd6Fq9jrNpDPJayT6fcpOiTIxWSJmQkBlYEFc5BGDQBsVQ0eaGa1kaCLyU+0TKV/2hK4Y/iwJ/Gr1UtJuGurZ2aEQFZ5k2joQsrKG/EAH8aAL1FFFABRRRQAUUUUAFFFFABRRRQAUUUUAFeVeHP+TpviH/ANiZ4Z/9Lter1WvKvDn/ACdN8Q/+xM8M/wDpdr1AHqtFFFABRSHoa5DX/ip4b8K+LNI8Oane3FvqeqOkVvtsbiS3V3LCNJbhYzFC0hUhFkZS5BC7jxQB2FeVeHP+TpviH/2Jnhn/ANLter1WvH9K0uz1L9qL4gJd2kF0qeDfDRVZ41cL/puu9M0Aev0w9+DVS50ewu2iaext5mhwImkhVtnptyOPwrE8caxofgrQb/xTq1rCf7Pi80zLCrTMRwqITjLsSFUZGSwFOMXKSjHdkTmqcXKWyPK/2n7i38e6XH8KhYrqq6+qf2lbsWUfZ95McQcfcaV42+YcpHDO45Ra8Y8A/s0fs4f8E59YtPHniLxdc2uvX0b2NneeIblZGUlR532aCGINjBALHeVDAFhu591+AWhaprBvvHHiOQveX8kkltCH3RQ7yN5j7bAFWNCM5VHkB/ftn4W/b7/Z58WftffFq01b4NaEviGz8O2I0y+WOe3tIZJzNJIXieVkRzhwCc5O1TyME9OKlTouNBbr8X1+4zy/D4jFQqYtJuK1fZLZfNn15efEu/8A2rL4aH8NtTa3+Hi4Gq+LrXIN1n71tbZGc4+8x6Z5GMB/d/AvgPRPh3oNvo+gWMdlYxD7qD5nbuzN1YnHU5NeD/8ABPX9nPxN+zP+z6nhvxdcQvr19qs+qzWtvL5sdkHSNFhDjhsCIMccbnbBOMn6bz715sKKjLnk7s9zE4+VWjHDUo8lOPTu+8u7/BLRHM/E7wzceNvhr4t8O2c/2W71fSLuwhuM7fLeWF41bPbBYH8K8E8bafH8avAvg+aDwHq2tf2VZz28tx4R1eDS/EPhfV0RIGjt5JbiBUCAzhwXKtsj+WRCK+oT+ZrhPF/wU8JeNtZOr31nfWOsOixSaloWrXmk3cqL91ZJrSaJ3AHQMTgE44JroPKPPfEMPiLWPB/wp8CeIb2HU/iJJqGj6vq8trs/cxWNzFc3Fy2xVVVdoVgyqqGafCqBkL9AVy3gf4b+HfhzbXMWg6aLSS7cSXV1NNJcXNywGAZZ5WaSQgcDcxwOBXU0AFFFFABRRRQAUUUUAFFFFABSHoaWoZJPLAOVGWVfmbHU/wA/agD4s1/4of8ACTeJpxDrcknxvtPHy6Vo/hi1mPnadpMd7Gkxe2B4tZrNJJ5LhxhzImG/dxBffvEH7QGl+Dfizd+D9fgSxsI7LT7iHVrc3Fy3m3c80EaTxpAVt03wEec8m3LoDtLDPrRrxTWvgFq/iL4ia/ql74utz4U1u/0++vNHh0gpesLNUMFt9s88jyDKhkdPJ3N5jrvCtigD13VLdrm3jRJhARPC+4nAIWVGK/iAR+NX6z9WhhntY1ml8mP7RA6t2LCVCo/FgB+NaFABRRRQAV5V+1j/AMms/GT/ALEzWf8A0hmr1WvKv2sf+TWfjJ/2Jms/+kM1AHqlLSUtABRRRQAjfdNeCfta+JLCw8CzaVZap4UbxjfQk2fhvXRvvPEECMryWFoiSpKHldY13IJNpx8ucMvvlFAESElVLDa2OVz0NeK/tFWut3fij4Kw+HdQsNK1lvGMwgu9UsJL63jxoGsFt8KTQs+V3AYkXBIJyBtPtx6V5T8ZP+SifAo/9Tnc/wDqPazSA9I0yO6h022W+mhuL1YlFxNbxGKN5MDcyozuVUnJClmwCBuPWvJ/hX/xXnxI8X/EOY7rCJz4d0R+xtoHzcSqQcMJJ8gH0iFdD8cvF174X8BzwaQwHiPWpo9H0gbtp+1TnYrZwcbBukOe0Zrxn4mX2pW+jaJ8BfhnCge4tP7M1TV3VWWzthEPPcqvWRldSzHAzKoX5nym86ywuHdR7y0S/ruXgcBPNsdHDxaUYe9JvZeb9Fr57Ig8WeJ9X/aj+Lk/gzwdrZ0/wL4eEM+sa1bY8yWdmYotuSTuOFykoGEZTINxWLP0F8OfCeleBtNvdB0Oyi07SrG4SKC3hHCjyISc9ySSSWJJJJJJJzTPhb8L9D+EnhO20DQ7YxQoTJNPI26a6mON0sr/AMTnA57AAABQANvR+NQ13/r8X/0nhrzsPSlD36msn+Hkj3M1x9Ou44XCLloU9IrS8n/NK27f4LRGtT6+SfAHxiv/AAx8TfiHfw6J418d6f4i8YS6DounaXqMV5HZfYoI1uZljvLtBDE1xJOC0X7tfLQMEO0N9ZdWB/H6V1ngElFFFABRRRQAVkSXGo/2FfyrH/p6/aPs6bc5wziL8wEP41rVkyW+o/2DfxLJ/p7faPs756ZZzFz7AoPwoA1RTqaKdQAUUUUAI33TjrXE6j4412xvpreD4e+ItSiicot1b3OmiOUD+NQ92rYPuoPqBXb02qUlF6q5EouWzscH/wALE8R/9Ew8T/8AgVpX/wAm0f8ACxPEff4Y+J/wutK/+Ta7wdaXiq54/wAq/H/MyVKX87/D/Iy7izXX9BktruK7sUvbcxyxxXLQXEQdcECWF8o4zgPG+QRlW4zXxrp9vqHw7/Z58GfFPSvGni2TxSusWlrPZaz4mv8AUrXWYptSFq9q1vcyyqHMbHa8Sq6sgOcbgftTVNPi1bTbuxnaeOC5heGRra4kt5QrKQSksbK6Ng8MhDA8ggjNeXeEP2W/hz4J1LRr/T9J1O7m0Znk0yLWvEGo6pBYyNndLBDdXEkcUnJHmIoYbjyMmszdbWPnDw7q+oeCfEv9pG4+IWnWdh8RpdGbxXrfi261LQ2smvTALOS0ku55CWDLEsj26KrlHM6gZPe+F9S1/wAMfG6C28V614qtE1jXNSk0rxDbamdQ8OazCI5fs9jJDuI064gRyNqoiTNaOzPK+0L6Xpf7J/w20rUrS8XT9c1D7LqX9sR2ureKdVv7T7buL/aGtp7l4ml3kuGZCQ3zcHBrd034B+CdJ8RLrlvpd2t2s893HayareSWUNxNv82eO0aUwRzN5smZUjD/ALx/m+Y5Bnh/wR8ZXHw38TLa/E/xLr/h+/g0S5v7nUte1sX3hrX8zxBtUsrx2222FVCbQiJY1uR5cYG53s/Ej4kS+I9V8S+NfC3jCW80vwtDoUuhroerF9OvvtN46XRljiPl3IlVfJUvvEZRjGFfJPtvgf4G+DfhzqkeoaFp11BcW9sbO1jutUu7uGxtzt3RWsU0rpbIfLTKwqgOxQfujGh4g+FfhfxR4u0zxLqWmtPrOneWIZo7qaJJBG5kiE8SOEnEblpI/NVvLZiybWJJAOf+FvgfxT4Y8XeKL/Xb4zWd7Mxg/wCJ7eaiLnMjMsvkTosdjtRgnk25ZG6k/KKi/aU/5J3pH/Y5eE//AFIdOr1T2xgV5X+0p/yTvSP+xy8J/wDqQ6dQB6rRRRQAUUUUAQ3k0FvZzy3Txx2yIzSvMQEVAMsWJ4AxnOa8N/Z/8QQ+JfiR8Rr/AEi+8L+JvCsqad/ZfiTwmpFsY0E6DT3ZZZInkt1VWLxsMi5UFUG1R7xRQAhr5/8A2MdP8Z2/7P8A8L5tb1/QtQ0CTwdpP2Cx0/Q57W6gBtISglne8lSUhPlO2KPLfMNo+WvoA9K8n/ZTIX9ln4OnOP8AijNH/wDSGGgT2Mv9oJ5PGF54X+GdmzBvEt35+pvGxBi023IkmJYHKl22ICeDlhXEftI+NNS8X6pafA/wJaCbU9QgifVLiKUpFY2O8B0YoQVBXAYH+CRQqsZBjPvfin/ZUniv4n2tvHrGueIZz4c8G2JyfNtYHKeYu0btks7E47kxDK7s16X+zv8AASL4S6PLqWr3La3421UebqmrTfM284LRISM7A2SSeWbk9gqx8nJxwUNFH4n69P0PcyGnTwMJZ5ileTdqUX1a+0/7sXr5uy7nH3/xb8Bfss6NZeBtF/sn7VakRXd1ret2mjWYuPLRyJrmYjfMVeNjHEjsiMhKopj3eh/D345w+KpNIi1fS49HGtk/2Pqmn6lFqek6qQrMVt7uLALhUdtkioWCsV3bW2/PfiDxZaaB+zv8ErqfxVoPhbxTrHiy21Ka88RESRfbmkma8d4zPC0qpLIynEgxleRwK9A8bfCp/gz+yr8RYm1ZdY8RtPfeKobu3tPskK6u8/2mAW0O9/JXz1iAG9jkliSWNKMVCKjHZHlVq1TE1JVqsuaUndt9WfTVFMXjAz7U+qMQooooAQ1zeveEbXxt4L1zw34ija803V4buzuo1YqWt5S67QynIPlsBkcjFdJVLSbdrW2dGmE5aeZ9w6ANKzBfwBA/CgDzrwD8CbDwH4kTxNqHiXxD4112103+ybG98QSW7NZWmQzRQx28ES5cohZ2VpG8tcsQMV5N+zTp/iLUfGWmawLXxlpMUsGrX3iW38RW95p9kl1eXouLe1gtZwqSPEHmzcRKRtAUyMCoX6sooAKp6bJcSW7tdLsk8+UKMfwCRgh/FQp/GrdVNMjuI7d1um3yefKynOfkMjFB+ClR+FAFyq97fQafaT3V1NHbWsCNJLNKwVEVRksxPAAAJJNT0negPQ4I/Hj4bBv+R+8Mjn/oL2//AMXS/wDC+vht/wBD/wCGP/Bxb/8Axdd3tHYA/hRtHov5Vren2f3/APAOblrfzL7v+Ccbpvxm8A6xqFvY2HjXw/e3tw4iht7fU4JJJGJwFVQ2SST0Fc18ePFnjfwn/wAIYPB+p6Dp7axrcOj3J1zR57/HnBisieVdwY27GypLbtwwVxz6vtHoK8z+NHw38U/Eb/hFv+Ec8S6T4cbRNVj1djqmiS6iJ5YwREoCXcGxfmfd94nK4K4OYly/ZRtFTXxu54/8SP2gviX8L7XxfoetX3g2z8Q6DFpusQeIX0u5/su80u6uzayGS3N2rW0sMnzEmeRSmDxuO27b/tKeKI/hv8QdbsdR8K+Prfw9LY/ZvGHhTT7qTSjDMwFy728c87zNZpumkSGc7kZRmNs40fEn7LvijxVZ+IdTv/H+nXXjvXZrBLjWLjw7I1ha2FpcG4hs7SzW7VowZcO7vPIzEt0yuzX0v9n7xhD4o8W+ML34h20PjTXV0yBbzQtBNlYxQWUjSIklu9zK8xkMkiOzS52NtXZjNSWc9r37RXifR/hVp/ir+2vBc2h32vR6avj3ToZ9R0W2sfJGb6eCKbega5VrdlMwWBnBeRghLew+B/GWqap8MU8Ta1Dps1y0NxeR/wDCO3f2y0ubYM7W8kE3/LQSQiNgcD7/AEFcL4d+AvijwnDqepaN410vR/FGra4+u6i2n+HTDo91I1r9nKNZfat+GwsrsZy7yru3AfKNL4b/ALOWkeAdB0eBNRv11DTbm5vootFvr3SNIWaed52RdNhuRCYVdyFil8whRgs3JIB5/pP7SHjJrDS7S5HhzVNY8XadpOqeG7vT7S4js7aO/nERS5UzM03kBlk3oYvOAZdsGAx2bL42ePdQk0eyg061fUbTWbzRtWaz8P3t7b309vOiARyxy7dOWSJvM8y5MiKWKZcoS1nw9+ybpXh3Rddu7CfRdI8c6tf2mqPrWg+HorCyhuLWQyQKtmrlmiLF/MDzNLJ50n71RsEfqHwz8B/8K/8ADstnPerqeqXt7PqepX6QmFLi6mkLyMkZdzGgJCqpZiFVQWYgsQDrV9RXlvhz/k6b4h/9iZ4Z/wDS7Xq9Vryrw5/ydN8Q/wDsTPDP/pdr1AHqtFFFACV4n8Zr3Vde8ceCdH8M3WvLq+m6vZ6hc2LeHnl0W8tDKonaa+ktzEkkUPmyRrHOr+YE+Vjtx7bRQAznb74rwLUPB+qeKv2qfGLaZ4317wgtr4P8OtLHosGnyC7DX2t4En2q1nIC7SB5ZQ/O2c8Y9/rynw7/AMnS/EL/ALEzw1/6Xa7SA9R4U5BwOmK+e/iNcTfHD4v2XgLTpmXw54ddL/XbqJiMz4/dxBh/EBnochju6xEH0P44fEaX4b+CJbmwjNxrt/MmnaVaooZpbqU7UAU8Ejlsd8Y715Npuk6v4C0i0+GHg64W4+IetKdT8SeIGzLHpyyH55mZuXfOUiQkE7SzY5J9CnUWDovFP4npFeff5dPP0OSOFqZriVgoO0VrN9EvP9f+Ca/xE8WX/wASvER+FHw/cWdlaIsev6zCMRWMGNv2aPHBkYAjHYDH97b7J4G8E6T8O/Dtpouj2629nAOP7zt/EzHuxPU//qryy98VeEP2YfC58P6PZfb721gXUNRmub2G0ihWRiv2y/vJ2WOLzHUqMkuxUhEKo21Ph1+1NpPjCVTfQ6P/AGc1zFZDXPC/iG213TYbmQgRQTyw7XgdyQFLxhCSF37iobyKdN8zq1NZP8PQ+lxmMg6UcHhE1Rj98n/M/wBF0Wndnu2e1PqNTyMc9qkroPFCiiigAooooAKKKKACiiigApM0tIRlcUAIzbaTcPVfzrJ8ReG7TxRp62l5LfRQhw+7T7+4s5MjIx5kLoxHPTODXNf8KX8Pf8/nif8A8K3Vf/kmriofaf8AX3mUnUT91J/P/gHd7h6rVDWIYZrRFnl8pBcQOGHdhKjKPxYAfjXJ/wDCl/D3/P54n/8ACs1X/wCSasWPgHRPCTfaIp9ZlEksMZF/rd7fKGMyFMJPK6qd+3kDOMjpTahbRv7v+CSpVb+9FW9f+AY/xG+M8/gHxnoXhq38A+J/Fd7rUM0tnLosumpEzRDMkZN1eQsGVdrZxtIcAEnIHLy/tYaXJp+lyad4G8YatqlzrT+HrvRIY7G3vNM1EReasFwtzdxJ88WXSSN5I2UAhuVzN8YJfFdn8Yfh9rOifDzX/F2l6LBfPeXOk3emRANPGI0jC3V5CzMCmScbcMuCTkDxzxd8JPiDrt83irWfAGu3l94m8X2uvX+ieEddtbK60ewtLBrSGN7z7ZbM1zJuDMYJGUYZd+Au/M3PadW/aM0OTwvZzzeF/Eza/P4hXQE8J+TbR6l/aCD7QIyzTi2C+Ugm8zz9hTGGLHbV6b9o7Rmj0FNP8N+J9XvtWN9J/Z1tpyx3VrbWU4gurmWKaRG2pIyARpvmfeuyNjkDxTTvhd4mt/h3rOn+KPhfe614Uv8AxkNRsvD91rdufEljB5aCK6/tBLkB7v7WFZXe6aRY3IM3ygVoap8KvGesfDPwlpnjLwl4p8Z3elrqD6drml+ILO08X6IzP5dkxvPtEEMkotncTMsjIzIm4TZLEA+nvCfiO28X+FtH12yjnhs9UtIr2GO6Ty5VjkQOodcnDYYZHY5rzrWv2mvCGj+B7nxRi5ltV1x/D1payS2tnLqF4khj2wNczRRENsZlLyLuVcrnIBq6X4P+MWqeBdP07WPG3hm2vJdFjtr8zeHJrm4N4YgskhnivYEYE5yqQx99pXgjA8CeFvG3w+8A+KtG8WeDrX4jQa3rt8qaT4e0+zsrYWcxbLzx3d+ymF/+ealnUMAVfk0AejJ8XFj8TaRo114V1yya8igN1dytZtDpk8wYx20+y4LtISpXdCssYJGXxkjL/ax/5NZ+Mn/Ymaz/AOkM1a3gL4TaN4Z0nwbcanpGl6j4t8P6PDpMWvNbCW6iRY9jpFPIDKEPzcbsnPPU1k/tY/8AJrPxk/7EzWf/AEhmoA9UpaSloAKKKKACikPQ1x3xA+LHhb4XLYnxJqbaf9sLmMR2005SNMebPIIkbyoI9y75n2xpvXewyMgHYt9015R8Ys/8LD+Bf/Y53OP/AAntZr1NWDKCpBB5BHTFeE/tVeN7L4b3Hwn8T6gR9m0vxRdzlS4UyMPD2shIwexZiqj3ana7SCzbsjnPjB8Tha/FCa/tY5LyXwyg0fRLOMEm71y8VdxUBgriGBlBDYw1xjOWFdp8C/BMHw50ee/1o6hf+LNVIl1G6NhcPsySwhQ+WMqrO5LYG53kcgbsDhP2VPhTqGsLa/EnxigfU7oS3GmWrIF2G4YyTXjAKP3spYgcZWIIuT0H1Dz06ioqfvavP9mOi/z+bPYlNZfhXgKfxzfNUfd9ILyj+L9EZLeJrT/njqH/AILbn/43VXTLyRo/Ed3aW01xILjzIbeRTC0jC2iAX58YyRjJ49a6BTnp9KeelUeN5nyf+zX8E/HXwP8AFHhu5n0me+h8ReG1PiqSbVFeOw1f7bLdSMN0jMwb7bcgCJSpaNcsu4ufrGsrSfEOna1f6vZ2N0txc6RdLZX0a5zBM0EU4RsjqYp4X+jj3rVoGFFFFABRSHoazPDfiLT/ABd4f0vXdIu0vtJ1O1ivbS6izsmhkQPG65HRlYH8aANOsaTT3bw9qVr9sUPP9q23GeI97uR/3yGA/wCA1tVhSWdm3hvU7c3WLST7V5s/9zc8hf8A75JYf8BoA2/TinUzrzWdqfiLT9FvtHsr66S3utXumsrGN85nmWCWcouB18qCV/ohoA1KKKKAEbhTXAav8QPEen6lPbWnw38RalBHIyJd291pqxygfxqHu1bB7blB9QK7+kOalpvqa05xg7yipet/0aPOf+FleKf+iU+KP/AzSv8A5NoHxM8U55+FPijH/X3pX/ybXY2viHTrrxFe6HHdo+rWNrb3txagHdHDO8yROeMYZracD/rmfatXPFTytfaf4f5G/t6f/PqP/k3+ZQhupbjS0mkik06WSLcyTFGaAlc/MVJUlfYkcdcc18VWlz4g0rwX4w0Hxfr3jrSPF0fgvU9WhvYfENxc6T4hnQpINT02+ilD25Xyo2Nl+6VEuAFjKGRn+354UnheNxlHUqw9QRg15Uv7Lfw4XSb3S10rVBp93YHTBbjxDqO21tGKF7e1/wBI/wBFjfy0DpBsVwgD7gMVoce54Z4F1jxDYahqOgadqviz4c6lrvgO4u7AfETxA2srPfxmMLf28rXF2kMcYm/eIZUJ8yM+QQhaptFuPFl94H8c+FdOu/GPhXx5ZW2kg+EfF3iN5DKhmZphp2tlpHkW8DSwLPnzYZFUYhARU9w0j9l/4c6PJfudHv8AWJL/AEttFlk8Qa5f6swsW5e2ja6nkMUbYGVj2g4GegqLwz8GPhn4i8P6sLC2vNds7y9NpdXl/rN9eXCTWF3IgijnmmaWJYLmKTakbKquCyjJzQBy3wc+M3g7wnoOsQ+LPGOpeE71dcbT10P4majFBf6fIsMSraxzSSsLtCoEqTJJIZFmBLs24nkNCvvFuuavos9n4l1J9X8eQeJILuzutUm+yWptZ9toIVXItDEg8lngUMTIXffIqmvo7wL8O9C+Hdhc2uiwXSm7m+03V1qF/cX93cybVUNLcXEkkshCIijc52qiqMAAVX8O/Cnwv4U8Wap4j0rTnttW1Ev5zfapnhTzHEkphhZzHD5kgV5PKVfMdQz7mANAEXwl8N6z4U8G21hrcjfbFkkf7M2sXOrm2QtkRfbblVmuMZJ3yAEbtuMKK5/9pT/knekf9jl4T/8AUh06vVK8r/aV/wCSd6P/ANjl4T/9SHTqAPVaKKKACiiigAopk0yW8MksrrHHGpZnY4CgDJJNee/DH41aR8Uby5tbPTdW0mZLWDUrRNWhSI39hMXEF5CFdiI3Mb/LIElXA3xpuXIB6IeRXyt4b8Wy+Hf2GPhJp9ndrZarr3hHRtMtrpshbVH0+Mz3LEcqsUKyyFu20etfVLcqa/PX4E6RdftKaX8JvD8W/wD4Qjwb4H0a01S4RhieZ7OB5oEYLuDOVSNsHhIpBn94AdKclTfO1e23r0NaeG+tS9m3aP2n2j1+b2Xme7/s9+Bk8baza+P7y0mtPD2nW66b4Q0ufI8qyRSgu2B/5aSAsQSM4Zjlgy4+k6q2VrFZW8MFuixQRoERIwAoUcAAdhVuueEeW7bu3q35nXjcV9aqJxXLCK5YrtFbL/Pu7s8svvBXi/wLq2pah8PZdHv9P1S6e+uvDWvTS2tuly/MktvcxRyND5jZd0aKRWd2cbCWDJZeCvGPjzVNOvPiE+jafpmm3Ud9beHPD88t1DNcRndFLcXMscRlEbYdY1iQB0VyWwFX1M1l694h07wvZRXmp3S2drLd21ikjg4M1xOkEKcDq0ssajt81aHnmp06cUtFFABRRSHoaAFqho8MMNq6wS+cn2iZi3+0ZXLD8GJH4VDN4h0+18RWOhS3apq19az30FqQd8kMLwpK44xhWuIAf+ugqXR/I+yt9l3eV9om3b+u/wA19/8A49u/SgDQooooASqWk27Wts6NMJy08z7h0AaVmC/gCB+FXazNC8j7HL9mkeVPtdxlnQoQ/nvvGCM4DZAPQgAg4INAGmarX19b6ZZT3l3NHbWsCNLLPKwVEUDJZieAAATk+lWaZjLYoDrqeef8NE/DDcf+LgeGf/Bvb/8AxdL/AMNFfC//AKKF4Z/8G9v/APF16D5an+EflWd4l13TPCPhzVdd1ieKx0nS7SW9vLqQfLDDGheRzjnAVSePSs+Wff8AD/gnZzYb+SX/AIEv/kTmNL+Onw81vUrfT9P8b+H76+uXEUNvb6nBJJK5OAqqGyST2FQfHjU/Fuj/AAu1m88FW11c67D5TbNPhinvBb+aguWtY5f3clwIfMaNZMqXCghgcHvVReDtHr0rB8deC4PHnh/+yri/v9L23EF1FeaXKIp4pYZUkjZWIYcOi5BUqRkEEEiqjzL4jCo6bf7tNerv+iPlnXPi9ruo+C/DutaT8YfEdzpreND4evJND8LQPrMUAtDvgvLCSwllW9jmgZiI4UBWUsIwhQJrQ/FTx/q3wpuLvStd8Ra3YaZ4wk0zU9a0jQ7RvFEGleXuWSTTXiKJOszxq8ZtVkMA8xYAzA16Hqf7LkOqSWd4fiP4yt9di1Ya5PrcSaUbi8uktxbwtIjWLQhYogUVYo0U7yzh2O6rOl/sy6bo9vdT2vjTxZH4ovNYfXbnxUbi1N9NdNbm2G5Ps/2YxrCQixeRsACnbkZqjI8z8QfGnxTH8OfAnjW38dTan4AuV1K91Xxr4O8Oi9WHZIXsxeWbpJLFarEsqXAjUTRyRhTJGNzV654k8d634d/ZpuPF1nqNp4n1u28OJfjVNIh+0W11J5IZ7mGNP9Yh+aRVHUADvWRffBfRfCMnhi2sviB4n8MeI9Qur20t9WtZLOS41W6ud99debFLayW5dhayScRKqBCE2Diuj0b9nvwP4XsbL/hH9Es9D8Q2GmDS7LxZb2FtPrFtEI9gK3M8Uhc4J++GBJOVIJFAHi3g/wCMWu/EDxA3gHwn8UW8TabNrXkw/ETTY9MuroW66ebqSAeXD9kaVZhGhbyeI5MFA+JK674XeMviV8RrzwH4hkF/Do91YIdRGnrp66O8qNLHcmVZc3qyFlDRCE+WAVEh+9Xb3nwE0ibwzY6fZa3rulazZ376snim1uI31R7ySNopZ3aWJ4nLxu0exozGqbVRUEcezuPCfhfTvBPhzTNA0i2+y6Zp1ultbxAk7UUYGSeST1JJJJJJ5oA2a8q8Of8AJ03xD/7Ezwz/AOl2vV6rXlXhz/k6b4h/9iZ4Z/8AS7XqAPVaKKKACikPQ15x40+OGieB/F1tod3YapdKPsp1HVLWFGtNKF1MYLU3DM6v+9lVkHlJJtxuk8tCGIB6Oa8o8Ot/xlL8QyeP+KN8Nf8ApdrteqE8e/8AnvXyt8bvijL8Lfi58SbnTUkuPEmqeEvDGl6PbQJvlkupb3XgpROdxUbmx3IA/ippXaTdioxlNqME232H+NvH03iT4uPqum2serXujzTaB4S0uQnZdamVH2y9fHIht1KoW5GQ2CGxXtnwp+GcXw70Wb7Rdyat4h1KX7Xq+r3AHm3lwRyeOFRR8qIMBVAHXJPKfs6/BFfhrodvqGrxrL4mntEt2JYSCytwdwto2AA+8S8jADzJGdz/AAgezHOCKdWXtqnN9mOkfT/g7nV7uDoPC0ndt3nL+Z9l/dj0779j5uj1jT9J+Cfx617Xb61067k1XXoL67vJljVFjBt7NGd8DmBbbaOOZMDk5OT8F/hPZeJPAN18QvFPi/RfFOm674EttA/4p/TfstlHYRLIzGUm4nNxMhdl37lC7WAQEmvYPEfgXxBpHii/8UeBb2wh1LUljGqaNq4dbLUGjXYk3mRgvDOE2oZArhkjRWQlEZcu68I/ED4oQtpfjyPw/wCHfC0xAvdH8O30+oy6kgOTBLczQQBIWxh0WIs6krvUE5RxnS/A3VdU1z4K/D/Utc3nWrzw/p9xfeY25vtD20bSZPc7y2TXc1z/AIN8Xaf420eXUNL8wWsGoX2mP5ibD51pdy2kwAz93zIJMHuMHviugpAFFFFABRWH468Yaf8AD3wT4h8U6t5v9l6Hp1xqd35Cb5PJhiaR9q9ztU4Hc1sLycmgCSiiigAopKwfEHjDT/DWr+GNOvfN+0+IdRfTLHy0yPOW0uLo7jngeVay8+uB3oA36YW7U401sbcUxCZ45GKPOX++PzrF8TeFLLxbYrZX0l/DArh92n6hcWUmQCP9ZC6MRz0zg9+lcv8A8KF8Mf8AP54q/wDCu1X/AOSazbl0OinGi1+8k0/JX/VHoXmp/fX86o6tcQQ2qPNGJ0NxAoUc4Yyoqn8GIP4V5da/DXwTe+NdV8Kx3ni7+1NM0+z1ScN4r1XZ5NzJdRRYb7Vyd1nNkdvlPeup0nwDpfgVjd6b/a93LLJDA0epa3e30YVpUBYJPK6gjOdwGeOuKScuq/r7i5RoJXjN380l+pH48+LVp4D1/R9EGia14i1bU4Z7wWuiwRyyQWkBjE9y4kdNyoZoh5ce+Vi4CRvzjibn9qRG1T7LpXwy8ca/EdCtvEX2jT000ZsplJVxFLepKWBV0MYjL7kOAwKkt/aS8D3HjmTREbwNrPiS3s4bqa21jwlrEOma9o166pGktrNLcQLtKNLvBk2kogKSDIHkHiz4b/EfXPECXfi3wB438YanH4ItdFl1Xwn4ostIgvdRzLJK0qLf2/mx5lVSJYCm4PtiKEBtDlPavGH7T/h7Q44p9N0PXfFWnppNp4gvb7SbNJI7GxuHb7PLJG7pKxk8qTaI0cpsJk8tfmrX1D4/aTZeMr3Qk8P+IL61sdQtNIu9atLSOSxt7+48ox27/vPNB2XEUhl8vygGA37yEPhXjj4TfEq78H+EP+KSmPxM0Xw9p9hpnjnwRqVrpv2K8DhriG7iZ4klsMxw5iWGVMNLthHy1ek0fxJ8RviMvjPwj4V1TQvEtv4hXSZvGWi6nBbaXqVnp9w1pewapZyTF5gJFvkhKwu4CwMskXzEAH07448Yaf8AD7wfrPiTVTL/AGfpdrJdTLboZJXVFJ2on8TsRhV7kgVyGp/HbRrXxr4T8KWOn3msa74gsk1JbK1u7GKezs2YD7RLFPcRyOg+YnyFlYeW3y9M8p8WPhn8WfGngnWbFPF3hC8uPLumtLNfCdyiyh4JESNmbVMeYC/EhwoOCU4GJL7wr4l13Q/h/wCEta8JtqGp6RJpmpv4wjS1t9PsZreRWkSKP7XJdLM0aNF8qmNhKQX2My0Ad74L+J1v4013UdOTRdU0tbfc9peX32fydRiSQxvLD5UzuqhwBiZY2+YYXrjB/ax/5NZ+Mn/Ymaz/AOkM1dxoPgvw/wCF9S1a/wBH0HTdJvtXnFzqV1Y2ccMt7KM4kmdQDI/J+Zsnk1w/7WP/ACaz8ZP+xM1n/wBIZqAPVKWkpaACiiigBD0NfP8A+0Lp+o2niS51CDQNU16DW/CGp+GbVdNtJbkRXs7xNEkyoreVFLhszOBGnlfOyhlz9A0UAYfg/SZ/D/hHRNLuZfPurGxgtpZMk72SNVZgT6kHr61yPxv+COj/AB28O6VpGsXt7p6abqUeq29xYrbu6zJHJGMrPFLGylZXBVkIOcHjIr0luhrzfxp8cNE8D+LbbQrux1S6X/RTqOqWsKNaaULmYwWpuGZ1f97KrKPKSTZjdJ5aEMTTqXCpKlJTg7NGdH8G/Fiqqr8c/HyjoALHw9/8qqk/4U34u/6Lt8QP/AHw9/8AKqvUVY8VLQRdvc8p/wCFNeLv+i7fED/wB8Pf/Kqj/hTfi7/ou3xA/wDAHw9/8qq9WpsjbI2Y5IAzwCT+QoA8T0T9nTWvD+oa7qGn/Gv4gW93rl6moahJ9l0BvOnW3htg+G0shcRW8K4XA+TOMkk7H/Cm/F3/AEXb4gf+APh7/wCVVb/w/wDianjzUtb09/D2t+Gr7SniZ7fWoolaaGUM0MyeVJIArBH+VysilcOikiu3oA8p/wCFN+Lv+i7fED/wB8Pf/Kqj/hTfi7/ou3xA/wDAHw9/8qq9WpKAPKj8G/F2D/xfb4gf+APh7/5VVk+E/wBnPWvBHhbRvDmifGvx/ZaNo9nDp9jbfZdAfyYIkEcabm0ss2EUDLEk4yTmvUfFvizSvA3hu/13XLxbDSrGPzZ5mVmKjIAVVUFnYkhVVQWZmCgEkCovBHia48X+HbXVrjw/q3hl7jLLp+tpCl0qfws6xSSBNwwdrEOM4ZVOQADif+FN+Lv+i7fED/wB8Pf/ACqqGH4JeKYY2jj+OXj5I2ZnKix8PYyzFmP/ACCu5JP4165RQB5T/wAKb8Xf9F18f+3+g+Hv/lVWTrP7OeteINS0G+v/AI1+P57rQ71tQ0+T7LoC+RO1vNbF8DS8NmG5mXDZHz5xkAj2s9DXnnxO+Mdh8MZooJdE1rxDL9km1K7j0SKGRrGyiKiW5lEksZKgsPkj3yNg7UbacAGb/wAKb8Xf9F2+IH/gD4e/+VVH/Cm/F3/RdviB/wCAPh7/AOVVemWN5BqVpb3dpPHc2lxGs0U0TBkkRgCrKR1BBBzVqgDyn/hTfi7/AKLt8QP/AAB8Pf8AyqoPwb8XAE/8L1+IB/7cfD3/AMqq9VPQ1i+LfFFp4K8M6pr1/Fdz2Wm20l1NHY2slzOyoCSEiQFmOB0A+tAHllv+znrVn4s1DxHD8a/iAus6hZ22n3N19l0A74Ld55IU2/2XtG1rqc5ABO/knCgbH/CmvF3/AEXbx/8A+APh7/5VVp6t8Xls/hzo3jDSfCfiPxTBqljHqMWm6RDbm6jgaIS5fzZo49wBA2CQsx4UNg11PhHxNp3jbwzo/iHSJjcaTq1pDfWkxUqXikQOhIPIJDCgDg/+FN+Lv+i7fED/AMAfD3/yqo/4U34u/wCi7fED/wAAfD3/AMqq9WpD0NAHlX/Cm/F3/RdviB/4A+Hv/lVWR4Z/Zz1rwjp8tjpPxr+IFlazXl3qDxfZdBfM9zcSXM75bSyfmmmkbGcDdgAAADvNe+JmleHPH3hbwfc2+oPqniL7SbSaK0ZrZBBEZXEkx+UMQOEBLHrgDJrNh+Mml33xeufh9pljc6tqdhAlxql1aXlj5emB0LxieF7hbn5xswyQumZFyw+bABmf8Kb8Xf8ARdviB/4A+Hv/AJVUf8Kb8Xf9F2+IH/gD4e/+VVerUUAeUn4N+Lsf8l1+IB/7cfD3/wAqqpX3wB1TX5NMj174ueONf02z1Ox1Y6bd2+iRQ3EtpdRXUIdoNOjk2+bChIV1JAIzivYj0rjfDnxO0nxP408W+GbWG/gvfDAtvts95atBC/no7IYWfBkUCM5cDZngFsHAB2dFeX/CH49aP8Yru4g0/SNZ0Z1sLXWLU6tFCov9PuWlWC6iMUsmEcwyYWTZIMDKCvUKACiiigDP8QaUNe0HUtMZzEt5bSWxcDJUOhXP61418CvAviix8TWur+JdCHhs6J4Ys/CsNus8MyXrwuzS3UJjdisDYjEYkCSff3Rrhc+60lACSZ2NjrjivBPAP7Kb/CrQE0Pwd8VfGnhzRlkaVbKztNDkUMepLS6a7twAPmY4CqBwAB6v488aWfw/8Oy6xewXd7iSK2t7KxQPcXdxLIsUMMQYhS7yOqgsyqMlmZVBIZ4B8dWXxD8OpqtlBdWJWeazurG+RVuLS5hkaKaCQKzLuR1YZVmUjBVmUhiWV7miqTjFwT0e/wAjkP8AhTfi7t8dfH//AIA+Hv8A5VU7/hTfi7/ou3xA/wDAHw9/8qq9UX5adQZnlJ+Dfi7B/wCL7fED/wAAfD3/AMqqyPEn7OmteMNPhsNW+NfxAurWK9tNRSP7LoCYntriO5gfK6WD8ssMbYzg7cEFSRXth6GuI+JXxPj+GVhb31x4e1vWrItuvLnSYYmjsIdyhppfMlQsoLD5Ig8hAJCEA4AMH/hTfi7/AKLt8QP/AAB8Pf8Ayqo/4U34u/6Lt8QP/AHw9/8AKqvU1A9/xp9AHlP/AApvxd/0Xb4gf+APh7/5VUf8Kb8Xf9F2+IH/AIA+Hv8A5VV6tSN900AeJ3H7Oet3XirTvEcvxr8fvrNhZ3On2119l0AeXBcPBJOm3+y9p3NawHJBI2cEZOdf/hTfi7/ou3xA/wDAHw9/8qq37j4pWX/CxofBmm6XqmualHGJtTuNPjj+y6QjDMZuZZHQb36iKPfLg7igQ7j29AHlP/Cm/F3/AEXb4gf+APh7/wCVVH/Cm/F3/RdviB/4A+Hv/lVXq1FAHlJ+Dfi7/ou3xA/8AfD3/wAqqztE/Z/8ReHrOS0sfjl8Q44ZLq4u2EsGhTHzJpnmkO59LJALyOQv3VBCqAoAHsN5dQ2NnPc3Eiw28KNJJIxwFUDJJ9gBXA/DX4zaf8StRuLFNF1jw9eJaQ6naw61HCrX1jKWEV1D5UsnyMVIKPskQld6LuXIBm/8Kb8Xf9F2+IH/AIA+Hv8A5VUf8Ka8Xf8ARdvH/wD4A+Hv/lVXq1FAHlP/AApvxd/0Xb4gf+APh7/5VVleLP2c9b8ceFdZ8Oa38bPiBe6NrFlNp99a/ZdAj86CWNo5E3JpYZcqxGVIIzwQa9qPQ1yEfxM0uT4pSeARbagNZXSTrDTvastoYRKsW1ZWwHfLjKpnaOpBIBAOX/4U54t3f8l0+IGfX7D4e/8AlVTv+FN+Lv8Aou3xA/8AAHw9/wDKqtTw38YrbXviJceDrvw5r3h/UPscmo2Fxq0MKQ6nbRyrHJJD5cruuxpIspMsb4kU7euPQqAPKf8AhTfi7/ou3xA/8AfD3/yqo/4U34u/6Lt8QP8AwB8Pf/KqvVqSgDxTWf2c9a8QaloN9f8Axr8fz3Wh3rahp8n2XQF8idrea2L4Gl4bMNzMuGyPnzjIBGt/wpvxd/0Xb4gf+APh7/5VVseGPjN4d8TeH/F2tlrzR9K8L311Y6lcaxbNa7DbxrJLKFf5hHtbIZgMgZxggmz8KPiRF8WPCVv4jtNGvdI066bNo15d2NyLuLAImjks7ieMoSSOXDZVsqBgkA57/hTfi7/ou3xA/wDAHw9/8qqP+FN+Lv8Aou3xA/8AAHw9/wDKqvVqQ9DQB5V/wpvxd/0Xb4gf+APh7/5VVpfDz4Sv4G8U654kv/GHiDxlrOsWdlp0tzrqWMfk29rJcyRJGtrbQL968mJLBicgZGK6nxb4ntPBfhnVNevo7uay062kupo7G1kuZmVASQkSKWY4HQCuO17456bo/gfwj4jtND1rXZ/FhhXSNF09bcXs7SWz3W0+bNHEuyGORmJlA+TAJJAIB6ZRXP8AgXxlp3xD8HaH4n0d5JNK1izivbbzoyknlyKGG5T0Izz/AFroKAEb7px1r57+LPwx8S+IPF/iTTtL0X7Zo/jRNIS51xZ4VGlfY52ebzo3dZHDxYEXlK58wvvCLhj9C0UAR/wn1/WvM/Hn7O3gb4leNLTxZrOnagviS1tks4dV0vWr3Tp0hQylUD200ZAzPLz1O854xXp56GvN5PjdosPxGTwk1hqgDXg0s655Mf8AZ41A2/2kWW7f5nmeTh93l+X/AAb/ADPkoLjOUNYuxQ/4Zr8JdBq/j8f91G8Q/wDydTv+GafCX/QY+IH/AIcfxD/8nV6mc5HYU+gzPKf+GafCX/QX+IH/AIcfxD/8nUf8M0+Ev+gv8QP/AA4/iH/5Or1amyNsjZjkgDPAJP5CgZ47pv7K3gTRbdrfT7vxvYwPPLcPFa/EHxBEjSyyNLLIQt9955Hd2PVmckkkk1e/4Zp8Jf8AQY+IH/hx/EP/AMnVv/D/AOJqePNS1vT38Pa34avtKeJnt9aiiVpoZQzQzJ5UkgCsEf5XKyKVw6KSK7egDyn/AIZp8Jf9Bj4gf+HH8Q//ACdR/wAM0+Ev+gx8QP8Aw4/iH/5Or1akoA8g1b9lPwJr2lXumand+ONR029he2urO7+IWvywzxOpV43Rr4hlZSQVIwQSDU6/s1+EuM6v4/8A/DjeIf8A5OrsPiB8QdK+Gvh1tX1X7TOGlS2tbGwgae7vbh+I4IIl5kkY5wOgALMQqsw19B1G41bSbS8utLu9FuZoxJJp980LTW5P8DmF5Iyw/wBh2HvQB53/AMM0+Ev+gx8QP/Dj+If/AJOo/wCGafCX/QY+IH/hx/EP/wAnV6tRQB5Sf2afCX/QY8f/APhxvEP/AMnVSu/2VfAmpXVjPd3fji5n0+c3NnLN8QfEDvbymN4jJGTffIxjlkTcvJWRx0JFexHoa818afHLSPBHipNIutJ1a7tYTarqetWiQmz0n7TIY7c3BaVZMOw6xpIEBDPsU5oAqf8ADNPhL/oMfED/AMOP4h/+TqP+GafCP/QX8f8A/hx/EP8A8nV6kueM1JQB5T/wzT4S/wCgx8QP/Dj+If8A5OoP7NPhL/oL/ED/AMOP4h/+Tq9VPQ1i+LfFFp4K8M6pr1/Fdz2Wm20l1NHY2slzOyoCSEiQFmOB0A+tAHm8P7KvgWHVJ9TS78cJqVzDFbTXifEHxAJpYo2kaKNn+3ZKIZpSqk4UyPjljm7/AMM0+Ef+gv4//wDDj+If/k6tPVvi8tn8OdG8YaT4T8R+KYNUsY9Ri03SIbc3UcDRCXL+bNHHuAIGwSFmPChsGup8I+JtO8beGdH8Q6RMbjSdWtIb60mKlS8UiB0JB5BIYUAcH/wzT4S/6C/xA/8ADj+If/k6j/hmnwl/0GPiB/4cfxD/APJ1erUlAHlJ/Zp8JcY1j4gD/uo/iH/5Oqlpv7K3gTRbdrfT7vxvYwPPLcPFa/EHxBEjSyyNLLIQt9955Hd2PVmckkkk12fj74l6Z8OZfDcWpW+oTvr2rQaPamytGmRJpm2q0z/diQerMM9FBPFZ3in4x6Z4b+JWg+Brewudb8R6rD9razsbyxjks7TzNhuZI7i4ikkizvJ8hJWHltlc7QwBl/8ADNPhL/oMfED/AMOP4h/+TqP+GafCX/QY+IH/AIcfxD/8nV6r79KWgDyn/hmnwl/0GPiB/wCHH8Q//J1VdW/ZT8Ca9pV7pmp3fjjUdNvYXtrqzu/iF4glhnidSrxujXpDKykgqQQQSDXr56GuQj+JmlyfFKTwEttqA1lNJOsGd7VktDCJVi2rK2A75cZVM7R1IJAIB1gI3dPx4qSvLvBvx/0Xxp8QJ/CtvpOsWjbtQWx1W7ihFnqLWNwtvdiEpK0gMUrqp81I93VNwGa9RoAKKKKACiiigBG+6cda+e/iz8MfEviDxf4k07S9F+2aP40TSEudcWeFRpX2Odnm86N3WRw8WBF5SufML7wi4Y/QtFADFwfrT6KKACorqV4LaWSOF7h0QssMZUM5AyFG4gZPTkgepFS0UAePfBfwzr1n408beJb3T/EPhrR/ED208Xh3xLqsd/PBeJ5ouJ0MVxPHFE6NbosSSYXyT8iDAPsNFFABSHpS0UAeWftEeB77x98P4bSy0ePxH9i1Wy1KfQZpVi/tKGCdZJIAzsqByoJTeQhZVDFRlgn7OfgK8+Hfw/n0240r/hHbObVb2+07w/5iSDSLSWZnitcxs0YKgklY2ZELlUJVQT6pRQAUUUUAIehrwX9oz4U678RtY0pPCcmu6Hrd5p91o134ksJ7EWNvp87xtPFcw3CSySkhN0YhiBLLtaaEMWr3uigDP0PSbfQdH0/TLRStrYwR20IYkkIihVyT14ArQoooASub+Ikd7P4C8RQ6dp8+r30unXEUFjbNEkk7tGwVFaV0QEkgZZgOeSBXS0UAeDWt9468J/s8+BtEsPh94gvNfOl2uk6la2N3pf2nTFjiWOWUGa7WF2IU+XtdwCwLjgofVPh7bNY+CdDtToL+GEt7VII9HlnjmezjQbY42eMsrMECg7WZc5AZsZPS0UAFJS0UAeS/E/TNfvfjF8JtQ0vw1f6vpOmXt7JqWoW01qkdkktq8CM6yzJI3zSAkRq5wrcZ2gz61pF74w+Lnhq5Pgy70uPwvczXEfiq8ltNl3DLavG9vbCKdp9rO8bMs0aJ+4BGSENep0UAFFFFACV5F4K0vxHafHr4m6lc+Gb2x0XUrHTY9O1i5ntWt7qSBJQ4CRzNMvMy/fjX7je2fXqKAPnb9lj4feLvAOqa9Hq3huTwvo1za2zyWdxPaSodU3Sm6ex8hnaOxYsGjilKlC7bYowSD9E0UUAFFFFABSUtFAHnnxo8M6r4g8L6fcaNYrq+paLq1lrMWnNKsRuxBMrvEjMQqyFN2wsVXeF3Moywj+CPhXU/Dfh3VbvWbV9N1LX9avdbk02R43eyWeTMcDtGzIzrGqbijMu4ttLKAT6PRQAUUUUAIeleO/tH+Hte8eeF4/C/h/R/Eq6ldEXFh4m0XV4bC20i8jOYZbrNyks0asQ5jWGZW2DK7guPY6KAIYlZVUOdzgckDGfepqKKACkPQ0tFAHy63wL1kftBDXY/CUcd2vioeIE8fR3UQI042Qgk05l8zzy7MoTYE8kx7HL70CV9RUUUAFFFFAFbU7aK9027t7iD7VBNE8ckGQPMUqQV5IHI45I614V+zb8G9a8Fald69rt1r0dvHptvoHh/RPENzZXF5pmnQEtsmks41jZmYgAGSdgkalpWZ2VffqKACiiigBD0NeS3ml6//wANP6ZrEfhq+k8NL4WuNOk1xZ7UW8dw9zFKEKGYT/dhxkREZZecZI9booA8d8F6n4p8RfFy81XXPhrrfh+GGGbT7DVNQvtNa2hs9ysxRbe5lmaWeREJDoqKkSAEMG8z2KiigApD0NLRQB4v8JIfE/hUfFe91PwRrEL3PiS51XTbVbmwaXU4WhiRfJIudqMTCeJmj4dc45x0Xwb8Mz6Hb+JdSl8PN4STxBq7aquhyNCZbRmhhjkMggeSEPJJFJK3lOwJk3ElmY16NRQAUlLRQBzXxEjvZ/AXiKHTtPn1a+m064igsrZolkmdo2CqpldEBJIGWYDnkgV4Z4o+HniXxD+zd8M/D994J1S5udLjsk1bSLC9sodZtHt7Vo0ns7hrgW6yLOsTZ80ZiLj5smNvpiigDkPhLYeINN+Gfhaz8Vrax+I7fToIr5LEKsIlVACFCKqgeyqFz90AYrr6KKACiiigBD0NfPk/wx8TS/Ez+yv7F8vw3/wmMfjT/hI0nhMbKtqI/sjRb/O8/wA8fe2GPyud4f5K+hKKACiiigAqK6leC2lkjhe4dELLDGVDOQMhRuIGT05IHqRUtFAHj3wX8M69Z+NPG3iW90/xD4a0fxA9tPF4d8S6rHfzwXieaLidDFcTxxROjW6LEkmF8k/IgwD7DRRQAUlLRQB4r+0b8O5fHH/CH38vg1fiJo2jahNLqHhffAJLuKW2khDxrcSRwuyM4ysjgFGkwc4Vus+BXhHVfAPwh8JeHNamE2p6bYx28u2ZpxHgfLEJG5cIpVAx67M9676igAooooAK+ePi38E9V+IfxWj/ALKOvaFoupx6efE98t1YHTNTtrWaSWO3WF0kuftG5tu9Ps6BH3GSRkWM/Q9FADQadRRQAlc38RI72fwF4ih07T59XvpdOuIoLG2aJJJ3aNgqK0rogJJAyzAc8kCulooA8Gtb7x14T/Z58DaJYfD7xBea+dLtdJ1K1sbvS/tOmLHEscsoM12sLsQp8va7gFgXHBQ+qfD22ax8E6HanQX8MJb2qQR6PLPHM9nGg2xxs8ZZWYIFB2sy5yAzYyelooAKQ0tFAHkf7Q2l+INW0jwcPD3hq/8AE0tn4p03UrmHT57SJobeCUSO5NxNEDwMAKSST0xyLPxR0e+8ceIPD+gJ4MuriKw1Gx1iHxdNJaC0sXhnDyLGPP8AtIlaNXi+WLYRMQzbS4r1OigBq/n2p1FFACHoa8lu9L1//hqDS9Yj8NX0vhpfC1xpz64s9r9njuHuYpQhQzCb7sOMiIjLLzjJHrdFAHzl8J/h94x8OfH3X9bn8ONomlai+ovq10bi1ewv3e4Q2U1jGjNPFIYEAuPMESO6hsSNhx9G0UUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAJXzT41+DPw18a/tUapc+LvBHhfWY5fBq3N1datpdvMSy3Rj853dThljUKHJyFXAOBX0s3Ck+1ee+Kf2ffhd461241rxL8NfCPiHWLgKJtQ1XQbW5uJdqhVDSSRljhQAMnoB6UAfL3wM+J/iGwvdK0zS9J0fxL4et9L8XXfgvxFr9xI1/LaWt5ClrELmX/V2rI8a+czsZEjQnaIwz9pH+0F8UingzRkh8OReI9Y8VTeG9VbXNDvNMfSmFi9xGBai6nW55Rn82K6MUi7FVhvZ4/oPWPhX4L8R6hBfar4R0HU723sn02C6vdLgmkjtHVke3VmQkRMrspQHaQxGOa8y+In7J/hnxdb+BNH0TRvB/h7wZ4f1xtbv/AAzL4ViuLTU3MLQlTGkkUcZ2SOdxST5hG2MJhgDx7/hampXHxN8N+PtdbTtP8QaT4T8Y6bcXPnXX9jzyWGoWsKXMUCmR1SRlJKoGlOQmZNqGu38JfH74jeIseGL6LRdB8WXPiqTQrTWNV0SeC18hdMj1BJHsBfPIJZUcqsTXKMBlnCOhiPtmofBX4eas2mm98BeGbw6bYHSrEz6PbyfZbIo0Ztosp8kJRmXy1wpDEYIJqnY/s8/C3TdB1LQ7X4a+D7XRdTeOS+02DQbVLa6aMkxtLEI9rlSSRuBwTxQB5N4g+P3xO0vx54b8Naf4b0PW7mz0yy1DxTeafcw/YCJbuS2nNvPcXkDxJCYZW/1NwSxWNhGSHbi7v9qr4t2Gg6nql1p3gyBrPTfEmpm0ihu7jYmjX628kfmeam9pg6qG2IIyhkIfPlL9SzfCzwZdS+HJJfCGgyv4bULojvpkJOlgBQBa5X9zgIn3MfdHoKzY/gP8NYYXhj+HXhRI5LeW0eNdEtQrQyvvmix5fKO/zMp4Y8nJoA8r1j4+/EWb40a7oPh3wfZXnhfRZI9Pu7rUrmC0H2iWxFzDL55u/OCNJJHFsSyk3AO4kJUxjzS6/aa+Ll98JbfW7yTwnpN34j+Guq+LdPOl2N1I+nT2cduTuZ5gJRIs5ZRsTym2gmcLlvq2b4R+BrrUbbUJ/Bfh6bULbT/7Jgu30qAyxWRVk+yo5TKwlWZfLB24YjHNVNO+Bvw50ltPax+H/heybTraazsmttFto/s0EpczRR4T5EcySblXAbe2QcmgBvhPVta0X4L2Gra5dW+ta1baKLuee2he3jnYRFx8ryyspxgEl2ycnjOB85a78XPHHwf8L6Xf6BbeG9R/tbwRffELWtY1Rri4udQvYBatLEqoyBI2jnSKJizCNFUBNsIR/rLw94W0bwnoNvomiaPY6No1shjg03T7ZILeJSSSqxoAqgkkkAd64bSf2e/BsOnyafrvh/RvFtnDC2n6cdZ0mC4ntdNLK62JkdT5kKOPkBAwqoG3MpdgDye++PvxT/4SK18M21p4PTUW8V3Ph+41SSC7aKBf7GXU4WS3EgMpXc0bEzJv8oEKnmHy4PC3xW8T/GrwDr9x4gXStF1Sx8JaV450K+0UzRvps9xFdlFeRmbzNptzuICq8c8kTI65aT3Wf4G/Di61KTUJvh94Wmv5WLvdtots0rsYjESXKZJMZKc/wkr04rL8Q/AHwrqGnLYaJo2keE7a4t49K1GbR9KhhurnSk3E6ekqgGKJm2g4DYTeECOyyIAdv4T1Z/EHhfR9UkiNu99aQ3TQkfcLorbepxjdj8K2KghiWFEjjVURQFCouFAHQAdhU9ABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABSUtJQB598e9C0zxN8E/HNjq+nWuq2DaNdSta3tus0bMkLOjFGBGVZVYEjIZQRXzRfeEvDfwfuPgNf/CvQNH0P4i6vAv27SdKRbCHV9N/s6SSeS+WFCDGkwgInZGZXYBQdxU/YHibwrovjjQ7nRvEWkWOv6NdBfP0/VLVLi3mwQy743BU4IBGRwVFc94X+B/w68EW+pweHfAPhfQIdUg+zX8emaLbWy3cRBHlyhEG9PmPytkcmgDwbwD8bvF0Hg/4N3dpovh/wx4L1nR9Lkvm0nQZru1tbi5cqLZUhulksIiFxHO8M0W9iHaPaN7PDPx0+I3jaDTY/FFh4ah0HxD4i1zwbPpvhya8GoWjWy3hW6S78xPlC2xRgsaMMrKrqWES+8WfwI+G2nX2i3tp8O/ClrfaGoTSrqLRLZZNPUO0gEDBAYhvd2whHLMepNcb8Ev2Y9F+F9t4muNesfC3ifxJ4gvtQnvdcs/DSWU9xbXcvnSWsxeWd5Yw5KgM+NiopUldxAPDfhL8cPFXgX4U/A/RfDsWm6po8Oj+GbfWrZtOnnnt4r64W182S78+KGAjK7I1S4lcksUjjBevV4fjt4yt/CviX4h3K+Gr7wdZWutG28OWyTw6zHc2DuqxNK0jRzs6wTtIgiiMXygGUKWrvZP2Z/hBdR2Ec3wq8EzR6enlWiv4dsyLdC7SFYwY/kXe7tgd2Y9Sa6Wx+GnhDTPF2oeKrLwpolr4m1CLyLzWoNNhS9uoyF+SScKHdcInBJHyL6UAfOWm/Hz413C+E9OvfD/hbR9R17V5bFdS1Da/+jnTJbyCdbK0vrkY3QTL810N6ohAXfmOLSf2tPG5+G+s6/faHpN1qc3h/wAOa1pVtpcTbbc6tPJbqk5mnjSURNGJC3mQKQ+wsu3zT79afAr4bWGn2dhbfD3wrb2VnJNNbW0WiWyxwSTIEmdFEeFLp8rEDLAYORVmz+DngLT4LiG18D+G7aK400aNMkWk26rLYjpasAnMA5/dn5fagDwex+OHxu1bxT4W8Jy6B4R8MavqGlaxd315qRe8eGSznhEZ+x2ty6LvimiJi+1sVMpO/EQWef4CfF7x78Wvi3oWoahqel2Phu/+Hul+IJtDt7GVtlxcyTo+yY3GMh4c7mjPyYQAEM7e1R/A34cQtpjR+APC8Z0y1lsLDbo1uDa28gcSwxfJ8kbiSTcq4Db2yDk1c0T4S+CPDd7pF1o/g3w/pV1o0Eltpk9lpcEL2UUhLSRwsqgxqxZiVUgEsc9aAOI+J1xe6/8AFDTfD0cVtewaVoN14mt9NvLh4oL3UIZoktPPKqxMUTEv91sOYn2lo0x5D4N/ak+J2qWvhzUNWsvCYsr608K6pcw2dtdCQRazdNaiFHaYgPGyNL5hXGMRBD/ra+kfG3w5tPGOo6VqLSrBe2fm28izQLPBe2U21bmznjbho5Aqnggq8aN8yhkeovwH+Gn2WS2Hw68KfZpY7eJ4RoltseOA5t1I2YIj/gB4XtigD5svP2qvi3Y+H9T1W607wVbtaaZ4k1RrSGG8nCJo1+LaSPzDInmGYOFDbFEZTeRJu8pffvCbHw58atb0OyZ10bVtJj1/7GXLJa3ZneOdkH8AmyjlRwzpK/3nctqx/Aj4aRQvEnw88KLHJbzWjxrodsFaGZy80ZGzlHc7mXoTyc1b8D/Dq38I6tq2ptNFc3l4I7S2W3tltrew0+HcLazgiUkKiBmYtnLu7H5U2IgB2dFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFACV80+Nfgz8NfGv7VGqXPi7wR4X1mOXwatzdXWraXbzEst0Y/Od3U4ZY1ChychVwDgV9LNwpPtXnvin9n34XeOtduNa8S/DXwj4h1i4CibUNV0G1ubiXaoVQ0kkZY4UADJ6AelAHy98DPif4hsL3StM0vSdH8S+HrfS/F134L8Ra/cSNfy2lreQpaxC5l/1dqyPGvnM7GRI0J2iMM/aR/tBfFIp4M0ZIfDkXiPWPFU3hvVW1zQ7zTH0phYvcRgWoup1ueUZ/NiujFIuxVYb2eP6D1j4V+C/EeoQX2q+EdB1O9t7J9Ngur3S4JpI7R1ZHt1ZkJETK7KUB2kMRjmvMviJ+yf4Z8XW/gTR9E0bwf4e8GeH9cbW7/wzL4ViuLTU3MLQlTGkkUcZ2SOdxST5hG2MJhgDx7/hampXHxN8N+PtdbTtP8QaT4T8Y6bcXPnXX9jzyWGoWsKXMUCmR1SRlJKoGlOQmZNqGu38JfH74jeIseGL6LRdB8WXPiqTQrTWNV0SeC18hdMj1BJHsBfPIJZUcqsTXKMBlnCOhiPtmofBX4eas2mm98BeGbw6bYHSrEz6PbyfZbIo0Ztosp8kJRmXy1wpDEYIJqnY/s8/C3TdB1LQ7X4a+D7XRdTeOS+02DQbVLa6aMkxtLEI9rlSSRuBwTxQB5N4g+P3xO0vx54b8Naf4b0PW7mz0yy1DxTeafcw/YCJbuS2nNvPcXkDxJCYZW/1NwSxWNhGSHbi7v8Aaq+LdhoOp6pdad4Mgaz03xJqZtIobu42Jo1+tvJH5nmpvaYOqhtiCMoZCHz5S/Us3ws8GXUvhySXwhoMr+G1C6I76ZCTpYAUAWuV/c4CJ9zH3R6Cs2P4D/DWGF4Y/h14USOS3ltHjXRLUK0Mr75oseXyjv8AMynhjycmgDyvWPj78RZvjRrug+HfB9leeF9Fkj0+7utSuYLQfaJbEXMMvnm784I0kkcWxLKTcA7iQlTGPNLr9pr4uX3wlt9bvJPCek3fiP4a6r4t086XY3Uj6dPZx25O5nmAlEizllGxPKbaCZwuW+rZvhH4GutRttQn8F+HptQttP8A7Jgu30qAyxWRVk+yo5TKwlWZfLB24YjHNVNO+Bvw50ltPax+H/heybTraazsmttFto/s0EpczRR4T5EcySblXAbe2QcmgBvhPVta0X4L2Gra5dW+ta1baKLuee2he3jnYRFx8ryyspxgEl2ycnjOB85a78XPHHwf8L6Xf6BbeG9R/tbwRffELWtY1Rri4udQvYBatLEqoyBI2jnSKJizCNFUBNsIR/rLw94W0bwnoNvomiaPY6No1shjg03T7ZILeJSSSqxoAqgkkkAd64bSf2e/BsOnyafrvh/RvFtnDC2n6cdZ0mC4ntdNLK62JkdT5kKOPkBAwqoG3MpdgDye++PvxT/4SK18M21p4PTUW8V3Ph+41SSC7aKBf7GXU4WS3EgMpXc0bEzJv8oEKnmHy4PC3xW8T/GrwDr9x4gXStF1Sx8JaV450K+0UzRvps9xFdlFeRmbzNptzuICq8c8kTI65aT3Wf4G/Di61KTUJvh94Wmv5WLvdtots0rsYjESXKZJMZKc/wAJK9OKy/EPwB8K6hpy2GiaNpHhO2uLePStRm0fSoYbq50pNxOnpKoBiiZtoOA2E3hAjssiAHb+E9WfxB4X0fVJIjbvfWkN00JH3C6K23qcY3Y/CtioIYlhRI41VEUBQqLhQB0AHYVPQAUUUUAFFFFABRRRQAUUUUAFIaWkb7poA8n+LniTxR4b+IPwmj0jV7az0DV/EMmmarYNYiSa6U2N1NHtmZ8RqrQAlQm5jjDqAVfzfx18WvFum/tTaf4Hg8Ty6ReXk9hcaH4aeztjYa1pWG/tKeS4eMyi5hxMVjjkj4jhOyQNIR6v8Vvhv4g8eeIvAmo6P4i03RIPDOsf2vLb3ukSXrXbeRLAEV1uYRGPLnl52v8ANsPRSrcv4s/Z11DxP4+vdUHiyKHwzqOtab4gvNLn0rzr6O8shGIxaXnnDyIm8mPchic4abayeYcAHuHP41xPjT43fDv4a6tFpni7x/4Y8LajLCLmOz1vWbazmeIsyiQJI6kqWRxkDGVI6g12q9v0ry3w5/ydN8Q/+xM8M/8Apdr1AB/w1j8EP+iyfD//AMKix/8AjtH/AA1j8EP+iyfD/wD8Kix/+O16rRQB5V/w1j8EP+iyfD//AMKix/8AjtH/AA1j8EP+iyfD/wD8Kix/+O16rRQB5V/w1j8EP+iyfD//AMKix/8AjtH/AA1j8EP+iyfD/wD8Kix/+O16rRQB5V/w1j8EP+iyfD//AMKix/8AjtH/AA1j8EP+iyfD/wD8Kix/+O16rSNyCKAPK/8AhrH4If8ARZPh/wD+FRY//HaP+Gsfgh/0WT4f/wDhUWP/AMdrsPHHj3R/hzo6arrTXwt5J47WOPTtNub+eWVyQqpBbxySMTg9FOAOa888GftefDH4gawdM0PU9cu7mPUv7Hmebwtq1vBb3ucfZpp5bVY4ZM4G2RlOSB1oA0/+Gsfgh/0WT4f/APhUWP8A8do/4ax+CH/RZPh//wCFRY//AB2tDwp8evAvjfUrSx0fWZLqW9meCwmksLmC31FkR3c2k8kax3KhY3JeFnUDGTyMzfGL47eA/wBn/wAMx+IPH/iS38O6XLMLeKSaOSWSWQjO1Io1Z3OOTgHA5OBQBk/8NY/BD/osnw//APCosf8A47R/w1j8EP8Aosnw/wD/AAqLH/47Wf4u/a2+FngjR/COsan4iupNJ8WeWNEvtO0W/vob53yEjR7eB1804P7okPweOK6z4cfGbwd8WpNXg8Max9tvtHlWDUtMurWazvrGRgSqzW06JLHkA43IM7TjocAGH/w1j8EP+iyfD/8A8Kix/wDjtH/DWPwQ/wCiyfD/AP8ACosf/jtWfix+0N4H+CF9olp4x1DUrC41udbXTvsmh398t1OxwsKNbwSL5rdoydx7DFcz4k/bM+Fvg6wvL7Xr7xLolrZtCLiTUvBet2/k+czLCXD2gIDsrKrHhiCBkjFAG7/w1j8EP+iyfD//AMKix/8AjtH/AA1j8EP+iyfD/wD8Kix/+O1Z8E/tEeA/iB4yn8JaXql7aeKobX7c2i65o97pV41uTjzViu4YmdM8blBFJeftGeALXxpfeFI9YuNS1rTyq6imk6VeX8OnEgnF3PBE8VueCT5rpgAk8UAV/wDhrH4If9Fk+H//AIVFj/8AHaP+Gsfgh/0WT4f/APhUWP8A8dr0Dw34j0zxfodjrWjX0Op6VfRie1vLdt0c8bcq6nupHIPfr0rVoA8q/wCGsfgh/wBFk+H/AP4VFj/8do/4ax+CH/RZPh//AOFRY/8Ax2vVaKAPKv8AhrH4If8ARZPh/wD+FRY//HaP+Gsfgh/0WT4f/wDhUWP/AMdr1WkoA8r/AOGsfgh/0WT4f/8AhUWP/wAdo/4ax+CH/RZPh/8A+FRY/wDx2tT4r/EHWfBEnhDT/D2iWPiDXPEmsNpFtDqepvp9tGVsbq8aSSVIJ2+5ZuoAjOS69Bk1lf8ACR/HD/onnw//APC8vv8A5TUAL/w1j8EP+iyfD/8A8Kix/wDjtH/DWPwQ/wCiyfD/AP8ACosf/jtJ/wAJH8b/APonnw//APC8vv8A5TUeFPiT40/4Wdpng/xn4S0LRH1PR77VrO70PxDNqQItZ7OKRJFlsbYqT9uQggt91gQOCQD0nTdStNY0+01DT7qG9sbuNJre5t5BJFNGy7ldGHDKVIIIOCDmrteVfsn/APJrPwb/AOxM0b/0hhr1WgAoopD0NAHhXhjxp491H4ffGeUalp+q+KtB1fVLPRHa3SztYwlrFJbI4Zz8qs/zM7cnJJAxi3+yz411nx14R1m+1PxHc+JrOLU/IsrnVba3tdVhAt4TNDfQW8caRSpO0qhNitsCE53Bjs6T8BdLsdD+IWjX+va3r2meNrm4ur+G+e3jNs08flyLA0EMbKNioBuLEbAc5LE7fw2+GFt8Om1m4bWtW8S6xrNylzqGr6y0HnzskSQxjZbxRRIqxooASNc4JOSSaAO2rx3Sf2qfAmvaXZapptp431LTryFLm2vLT4fa/LDPE6hkkR1sSGVlIIYHBBGM17HXlX7J/wDyaz8G/wDsTNG/9IYaAE/4aW8Jf9Af4gf+G48Q/wDyDR/w0t4S/wCgP8QP/DceIf8A5Br1aigDyn/hpbwl/wBAf4gf+G48Q/8AyDR/w0t4S/6A/wAQP/DceIf/AJBr1aigDyn/AIaW8Jf9Af4gf+G48Q//ACDR/wANLeEv+gP8QP8Aw3HiH/5Br1aigDyn/hpbwl/0B/iB/wCG48Q//INH/DS3hL/oD/ED/wANx4h/+Qa9WpDQB5V/w0t4S/6A/wAQP/DceIf/AJBo/wCGlvCX/QH+IH/huPEP/wAg12PjiDxZdaMkXg6+0fTdWadN91rlnNd28UOTvIiiliZ3xwB5ijv7V84/s3/Gz4yfGfWvG8l/f+CF0vwb4vufDl5aWegXkNxfQwY3zxStfSCKQhuIzG47bucgA9d/4aW8Jf8AQH+IH/huPEP/AMg0f8NLeEv+gP8AED/w3HiH/wCQa83/AGaf2nNZ+Pkljc2+qeEruZ7qZdb8LW6T2er+GkRJBtmSaUm6PmiKMyrHEoJbAbnb1/7WHxY8Y/B34Z3fiDwl/wAIhZSWqNPcap44v5LewiC42wokX7yWeUnaigquQctnCkA2f+GlvCX/AEB/iB/4bjxD/wDINH/DS3hL/oD/ABA/8Nx4h/8AkGvAPil+1p8UvDfwq+Afi7SLHwtpFz8RtRsNIvtN1Swnv/sclyCwnjkiu4soFAPlEZ5wXGMV6V8Lf2iPEjftGeI/gl8QrHS/+Ems9Mj1vSdc0OOSGz1KyJCtugkeRoZFc9PMcMA3I2gsAdr/AMNLeEv+gP8AED/w3HiH/wCQaP8Ahpbwl/0B/iB/4bjxD/8AINecftoftBeMf2e5vhxd6FqfhTTtF8SeIbfQL+58TadNMtgsu5muzKl3CoSNVJKsBkcl1rjPjR+0h8U/hf8AAO/+KugeNPhn438Nx3drbWd7a+HL6GK533Rtpjk6k4CI2GEgZg/zcKMMQD3r/hpbwl/0B/iB/wCG48Q//INH/DS3hL/oD/ED/wANx4h/+Qa82+Df7RXjDxl8arvww1/4T+JHgGHRjqE3j3wXZzWtlYXQbBs52e5uYnkK7W2pLvUEFlA5qz8Dfjt4/wD2mo9U8ZeDF8NaF8NrbUJrHTU1izuLrUNZELEPL5iTRpaox4XMcxGCSp6UAegf8NLeEv8AoD/ED/w3HiH/AOQaP+GlvCX/AEB/iB/4bjxD/wDINd34QutavfDWm3HiOwttM12WJWvLOzmM0MMp6qkhA3gdAxAz6DoNugDyn/hpbwl/0B/iB/4bjxD/APINH/DS3hL/AKA/xA/8Nx4h/wDkGvVqKAPKf+GlvCX/AEB/iB/4bjxD/wDINH/DS3hL/oD/ABA/8Nx4h/8AkGvVqSgDyr/hpbwl/wBAf4gf+G48Q/8AyDR/w0t4S/6A/wAQP/DceIf/AJBrn/APxY+L3xK8C+HPF2kfDnwTDpWvadbarZx33ji8SdYZ4llQSKukMqttcZAZgD0JHJ6D/hI/jh/0Tz4f/wDheX3/AMpqAA/tK+EiD/xKPiB/4bnxD/8AINavg344eFvHXiZPD9gmvWOsvaS38drrnhrU9JM0EbxJK8Zu7eISBGnhBCkkeYuQM1yuufFH4n+Bl0q/8TeAvCMOiXWsabpE8+k+MLq6uYje3sFmkiQyaXErhXuEJBkXgHBzxWt4i/5Om+Hn/YmeJf8A0u0KgD1WiiigCK6aVbaU26JLOEJjSRyis2OAWAJAz3AOPQ14Gvx28Vf8MuP8RJ9O0u08QxzyRXfkxT3Vjp8Sag1tNdOoKSyxQQq8zYKlhGfuZ+X36YO0LiJlSTadrOpYA44JGRke2RXi3hr4F+I9F+CI8D3HjOzm1e31I6na6xaaK8Fvu+2/bBFPatcuZYzJuRwJULI2MqfmIB2PwZ8Ua94y+H9nqviO3s49QknuI0utNVo7W+gSZ0gu4o2d2SOaNUlVS7YDj5jwa6HxR4s0TwPotzrfiPWtP8P6La7ftGo6rdR21vFuYIu6RyFXLsqjJ5LADrXO/Bn4Zn4TeCU0Fr6K/dry6vnNpaCztYnnmeV47eAM3lQqXO1CzEDqxOTWL+0t/wAk70f/ALHPwn/6kOnUAL/w1j8EP+iyfD//AMKix/8AjtH/AA1j8EP+iyfD/wD8Kix/+O16rRQB5V/w1j8EP+iyfD//AMKix/8AjtH/AA1j8EP+iyfD/wD8Kix/+O16rRQB5V/w1j8EP+iyfD//AMKix/8AjtH/AA1j8EP+iyfD/wD8Kix/+O16rRQB5V/w1j8EP+iyfD//AMKix/8AjtH/AA1j8EP+iyfD/wD8Kix/+O16rRQB5V/w1j8EP+iyfD//AMKix/8AjtH/AA1j8EP+iyfD/wD8Kix/+O16oelc3438WXXg/RkvbPw3rPiy5edLdNN0NIDOxYkbiZpY40RcZLM4A9zQBx//AA1j8EP+iyfD/wD8Kix/+O0f8NY/BD/osnw//wDCosf/AI7XJ/C39ryz+LWtapZ6R8NfHFva6Rrb+H9W1G6TTDBp14mBIsoivXkKLkZkjRlGeuMmup+H/wC0LpPxD/sK4sfD3iKz0XxDM0Wh61d2sX2XUlWKWbzU2Su8KlIiQLhImbIwp5wAP/4ax+CH/RZPh/8A+FRY/wDx2j/hrH4If9Fk+H//AIVFj/8AHan+OHx40j4E+HF1XUdD8ReJrhleQaV4V0tr+78pMeZMVBCpEm5dzuygbgM5OK4Dxn+294R8JeDfhx4qtvDHijxHoXj+aC00a60uGzQm6mJCW8qXFzEysdp+bBj4+/yKAO4/4ax+CH/RZPh//wCFRY//AB2j/hrH4If9Fk+H/wD4VFj/APHaPhf+0N4b+KHi/wAQeDxZ6p4Y8b+HwkmoeGtfijivI4nAKToYnkiljOcb4nYAkZxuXOf8ef2lNN+AGp+EbPVfCPiTX/8AhKNRi0fTZtDFkUa9lJEcDefcxFS2M7sbPVh0oA0P+Gsfgh/0WT4f/wDhUWP/AMdo/wCGsfgh/wBFk+H/AP4VFj/8drjfiT+18Pg/4Zv9f8X/AAi+IWj6XZSW0U0zLpEq5nkMcW1o9QZXJcYKgll3KWADAno/B/7S2k+I/iynw11nwt4k8EeMJ9NOrWljr8Vq8d5bBirtFLa3E8ZKkHKswYY6UAX/APhrH4If9Fk+H/8A4VFj/wDHaP8AhrH4If8ARZPh/wD+FRY//Haz9E/aa0bxh4s1jR/B/hnxN4z0/RLo2WqeItHtoDptpOv34w8s8clw6DG5bdJTyBjJxXpfg/xRZ+NfDOm67p6XKWWoQrPCt5A0MwU9N8bAMh9VYAjoQCCKAOE/4ax+CH/RZPh//wCFRY//AB2j/hrH4If9Fk+H/wD4VFj/APHa9VooA8q/4ax+CH/RZPh//wCFRY//AB2j/hrH4If9Fk+H/wD4VFj/APHa9VooA8q/4ax+CH/RZPh//wCFRY//AB2j/hrH4If9Fk+H/wD4VFj/APHa6z4qeOE+GPww8X+MZLNtQj8PaPeau1osnlmcQQPKYw2Dt3bMZwcZ6GuQHiL43bsj4e+AM+n/AAnd9/8AKagB/wDw1j8EP+iyfD//AMKix/8AjtIf2sfghj/ksnw//wDCosf/AI7R/wAJH8b/APonnw//APC8vv8A5TUeFPiT40/4Wdpng/xn4S0LRH1PR77VrO70PxDNqQItZ7OKRJFlsbYqT9uQggt91gQOCQDqvA3xT8F/E5bx/B/i/QvFiWbKty2h6nDeCAtkqH8pm2k7Wxn0PpXWV5V4c/5Om+If/YmeGf8A0u16vVaACiiigAooooAK8q8Of8nTfEP/ALEzwz/6Xa9XqteU+Hf+TpviH/2Jnhr/ANLteoA9Worj/i147b4X/DDxV4vW1t7waFpk+pG3uLo20coijLlDIEfbkLgHY3J6Vwnw7+OHirWviDoXhLxn4J07wzfa5oMmv2LaRrzamI443hSSO4V7aAxuDcRgFRIpIYbhgZAPa6KKKACiiigAooooAhvby30+znuruaO2tYI2lmmmcIkaKMszMeAAASSa+IP+Cd/jzw1r19+0Va6frem6pPc+PNU1eK2tbtHeeyfYFnQDkxsRjeBtOQK+5aKAPz+/Z91TVfhn8Rfhj4e8GeM5PHHgXXna4l+HXiG18zXPA8b2zus4mIEiW658oGVUVlkUJu8zdX0L+034w8AfZ/8AhAvEPxIg+FvirxNplxBp2uTW8Sk25KrLEJ54zEAx2Ax71dsDaQcEe+UUAflf8aNcbwX+zz+yXoHjWbQ/DOtaP44sZms43Wz/AOJXbzTRxX7Qu26NHjEbs7YAMhJ2k4HtfgePVviT+3x42+KfwxtLPXPCFn4Nj0Z9Ye6e30vWdRMisscd0kUgkCKqhpIlkCbFH8Qr7looA/P/AP4KDeNLiO1+ANp411TQ/AfiKP4hWN/ONH1tL02NmhdTeq9zbRDahOSZIDGCADuGRWr/AMFAprPwT+xA+g6x8QV8SarqWq2lzY6rqk9ul3qMZ1FJy0arhHEcTrny1ChVB2qpwPuuigD4B+Ffja08E/taXkfxP8WWPi3VfE+hgfDL4oXUkMVtcWLthrALCEthP5jA70QNJnBOHjStn9gnx1ofwB+F+s/Dn4o6xa+EfiVZeIb6e9tNcnENzrDSuGS5ttx3XYdQADHuJKjjkZ+5aKAMvw+1tJo1g9jZPp1nJCrx2sluYHiVhuCtGQChGeVIBB64PFalFFABRRRQAUUUh6GgDyr4yf8AJRPgV/2Odz/6j2s10XxX+JNp8KPBs2uXFrJqNw9xb2Fjp8Dqkl5eTyrDBArMcLukdQWPCjJPSuH/AGivFWi+B/FHwV1vxJrNhoGi2njKb7RqWqXUdtbQ7tB1dFLyOQq5ZlUZPJYAcmsb4p/GL9nj4v8AgfUPC2ufGTwVDZXZjkS60/xfZwXNpPG6yQzwyCX5JI5FR1PIyoBDDIIBzXwTXxK37aXxNn8VaFa6Dqdx4T0iUQ2HiC41i2kX7RdDdE80MJhXKlTEsaqGUtyXJr1XxF/ydN8PP+xM8S/+l2hV5L4D8Z/BPwX8TL3x1d/tSaX4r1i80uPSJ49a8S+H1heCKR5IuLeCE7laWQht3O/5s4GOu0f4reCfih+1J4L/AOEN8Y6D4tFj4O8Q/azoeqQXv2fffaJs8zymbZu2PjOM7Wx0NAHWfsn/APJrPwb/AOxM0b/0hhr1WvKv2T/+TWfg3/2Jmjf+kMNeq0AFFFFABRRRQAV5V+yf/wAms/Bv/sTNG/8ASGGvVa8p/ZR/5NZ+Dn/YmaN/6Qw0AerUV8wftHfF2Pwl8bvA/hi6+Mf/AAqfQZtF1DVNWnaTSUM4jeFLZIze28p8xmeU4UcrE2Bnkelfs0+JvFHjH4P6Rq3i17ibUp7i6EF3e2H2K5u7NbmRbW4mgAAjkkhWOQhVUfPkKucAA9VooooAKKKKACiiigCC9a4js52tIo5rpY2MMc0hjR3x8oZwrFQTjJCnHXB6V81fsm/A74j/AAavvimPFkfhhbbxfr934ktptD1W5uJLaacj9wyyWsQKgDPmBs5H3eePpyigD5X0j9l3xLffFT4Z+Ltfg8KWuv8AhIeZqXjXQzMmq+ISbZoWt54TGFCEsGaR5pWbZ8qR7yF9a+J1n8R77W7C08O6J4J8S+Cbq0lg1rTPE91c2tw7EgL5bpBPG0e0sGR4xnA+bmvTqKAPh/4hfsS+M7X4afBzwX4Cbw1LYeB/E6+LLiXWdTubMSTefLM1pBHHazbYszEK5bKhRlWOTXpnhD9l/VfEHxy8U/Fr4kahBBr2raKnh3T9G8K6ldRx6XZhg7lb4CGZ5WYffRYtuW4O7I+lKKAPk/8AaP8A2Y/GXjJfhZY/Dz+z59P8HeKbbxXLP408V6lc3U8sJb/RhJLDcvsYH75k+XoEI5rof2vPgb4x+OHwLHgPwXp3hjS7i/vIL6/k1DUJreC2kjuEuG8sRWrmYu4cFmEZ53YJJA+j6KAPlTwz+zn49+HPx8uPH3hC38L2PhzxpZInjrwdNqdwLZb4HBvLKVbT9421nyHSLcS+cb9yX/gP8CfiJ+y7pWq+CfBg8NeJvAM2pTX2lT65qNzZ32kxzHc0LRx28qXKq3IPmRFsnOM8fTlFAFLS4bq30+1ivrpb28SJRNcxxeUssmBuYJk7QSCduTj1PWrtFFABRRRQAUUUhoA8l/ZauY7P9k/4Q3EzbIovBOkSO2CcKLCEk4HPSua+C/7UV98YPGdlYxfD7XtM8MapYPqGmeIJtP1GOPyxsKLcm4soYUeRH3L5E9wp2n5h8pPN/s2/tJfB3R/2a/hZo2s/FPwPY39r4S0qzvNPvfEVnHLDItnEkkUkbSAqykFSpGQQQeaf8MfiF8DPhbJBa6d+0jot/wCHLFZE0vw7qHjDSmstMjYnbHEyBJpI0VtiLPLKFULjBUEAHpf7S3/JO9H/AOxz8J/+pDp1L4i/5Om+Hn/YmeJf/S7Qq89+NX7QXwu8c+GfDuh+G/iX4R8Q6zdeMvCxg03S9etbm5l269YO+yOOQs21VZjgcBSTwK9C8Rf8nTfDz/sTPEv/AKXaFQB6rRRRQAUUUUAFeU/tLf8AJO9H/wCxz8J/+pDp1erV5T+0t/yTvR/+xz8J/wDqQ6dQB6tRRRQAUUUUAFFFFABRRRQAVBe3SWNnPcyiRo4Y2kYQxNK5AGTtRQWY8cBQSegBqeigD4y/YN/tXS7/AOO0Op+FfE2iSa14y1LxDpw17w7e2MV1Zy7BGVaaJFLEjmLO/HOOtYHwR+GPiD4Y/FjwJcfDnTfG3hDT9adrrxx4B1m0mPh3TEkgZ3ms7hwYll87YBHDLI5DAOIwjqPuyigDxD9ozWtC1qzX4deKNA+Icui+JLOTzPEHgvT72eK0YEL5UslnvlRm3Zw0ZjYZDZGRXyP8Y/AfxA8P/BP9mfwvrWheJfFGteF/GNrqt42j+Hbq8ay0eCWVYPOa0haMSpAYVaNSXJBxuwWP6T0UAfGvhH4deNPid+2Z4r+M+i6fceDfDtr4UTw7o954o0maKTUboyeY0zWLPDP5Scr+8MRY7duQDjB/bl8OeMNesfgnpWtWWteNdQ0zxxZ61q194B8LarbR22mpvV3V4JLh4pVzxtmEnRlUYzX3RRQB8U/tufD1dL/Y2/4QLwZo3jLxRcajqdve2lvDp2oape7DfJdTGeURtJGyh2wZiHOMZLA1n/CfQtd+Cv7R2rfbtF8ZeM/AvxB0tH0DxzqOj3+oa14eYkA6beTSRm5gg3EMvnbVUhSefNZfuaigD4x/Yvt9Y/ZU+HV/8KPG/hXxNJq2m6xdSadq+h6Dd6jY6xBK2+OYTwRukLHOCs7R7flyeuPsHSrme80+1nurRrC5kiV5bSR1doWIBKFlJUleh2kj0JHNXaKACiiigAooooA8q/aw/wCTWfjJ/wBiZrP/AKQzVH+1R4o8SeC/2d/iHrnhUQDWbHRLuaO4mu3tjbBYXzNGyxuTIn3lUgAkAbl61L+1eC37LXxjAGSfBusgf+AM1cZ8WPjR8Cfi78O9c8G3vx58JaLp+s2zWV3daV4o0sXDQuCJIwZvNQBlJUnbuAJwQRkAHUfs1/DTTPA/giDVYfCuk+Etb163t7nVLbQb6W5tLiRY8JOd0UK+c6kGRhGGJPzM+A1WvEX/ACdN8PP+xM8S/wDpdoVYfg39oz4KeEPC+m6NJ8efB2uGxhEIv9R8TaWLiVR90uITHHkDAyqLwBnJyTn6P8VvBPxQ/ak8F/8ACG+MdB8Wix8HeIftZ0PVIL37PvvtE2eZ5TNs3bHxnGdrY6GgDrPDn/J03xD/AOxM8M/+l2vV6rXlXhz/AJOm+If/AGJnhn/0u16vVaACkPSlpKAPEPj1odrcfE74F6s7XX2y28Wvbxqt3KsO19LvixaEN5bN8gw7KWUZCkBmzV+J/hOXSPjD4c8ba94d8K+M9Aa9sdJs2vdLP9reH5pJgsVzbTOzo4adxvCJC4Gxt7+WFPo3jn4T+HfiLq/h3Utbj1OS80C6+3ac1jrF5ZJFPtxvZIJUWQ7Sy/OGG13Xo7Ayj4Y6FJ42/wCEqlOqXeqgho4brWr2axhYIEDxWbym3ifbkb0jVvmbn5jkA63jHoK8A1L4i6X4C/ap8ZR6laa9dNfeDvDoh/sXw7qGqhSt9rYPmm1hlEX3xgyFQcNjO04+gK8j0i+t9P8A2oPiHNd3EVrEPBvhkGSaQIo/07XeMmgDN/a18O+JvHXwti8I+HfDWoeIoNc1Szt9Y/s+9t7WSDTVuEkuSGmnhJLxoYwEbPz9sVU+IHw50L4FfC/4g+L/AAcuq2/jSTR3gtNcvtQn1jU2lA/0aBJr9pzsMrIBGcpls7c817VNrmnW1vFcTX9rFby/6uV5lCP/ALpJwawPiH4f8L+PPDp8PeJ5kfTrySGZY01CSzkZ45FljeOSJ0cMsiIwKngqKAMj4SePtX8U3HiTQ9f02Ow1nw3dQWU80N8t0LkSW0UySOVjjEcpWQF4gpVSRtZlINejVyPg7w34Y+HFmugaKYrMyytcSx3N49zd3Mz/AHpZZZnaWZzgfO7MxwOcCugj1aymvGs47y3e7XhoFlUyDHqoORQBeoqhBrWn3jSrBfW0xhG6URzKxQerYPH40kWtadc28txHf2skEX+skSZSqfU5wPxoA0KKof25pws/tn9oWv2PO37R5y7M+m7OKSbXNOt7eK4m1C1it5f9XK8yhH/3TnmgDQoqjcaxYWbRLcX1vC82DGskqrv9NuTz+FEmrWMN4tnJeW63TY227SqHPphScmgC7TTnmqi6xYyXT2i3tu10n3oVlUyD1yoORXh3xJ/assPAMj3UHh+fU/D9rc/ZrvVnvYbYOcKf9EhdvMuThjyAqHaSHKhmXelh6mIlyU1ds5q+IpYePPVdke+4pTivLfDP7Sfw38R6DZaoPFen6VFdJuSHWZxZzcEq2FlI3gMGXemVLKwBODVjT/2jPhjflxF460NAqo+bi9SEEMMjBcjJHQgcqeGANU8LXi2nB6eTM443DSSaqLXzR6TTqyfD/ibSfFVkL3RdTs9Ws920XFjOk0eeCRuUkdCPzFa1c7Ti7M64yUleL0CiiikUFFFFABRRRQAUUUUAFFFFABRRRQB5V+yf/wAms/Bv/sTNG/8ASGGvVa8q/ZP/AOTWfg3/ANiZo3/pDDXqtABSUtIehoA8V+DTeI9T0n4tacfFF5eatbeKdQtNN1TWI1ufsYNtA0QES+WpjjZ8hF25A65JJvfs56bqfhzQfEHh3XJZ7vXNH1Zra7v5NavtSivC0EMsc0X2yaaW3DRyx5g3lUcPtLAhm6LQ/g34Z8NWfiy300axbL4nuJLzU3XX79pGmcbXeGQzlrdsYGYSmAq4+6uN3wj4Q0zwNpKaZpUdwsG8yPNeXc13cTOeryzzM8sr4AG52JwqjOAAADdPQ14D+xh4t1bWP2f/AIX6XeeCdd0KytPB2kiHWtQnsHtb3baQqphWC6kmAYfOPMjTjrhvlr36vIv2VUuT+zP8J3SWEWreD9I+zQmImSNTZRFQ77gHIGMkKucHgdAAXfDHwr1rRfjl4v8AiDqPiO01O01rTbTS7PSo9MeGXT4bd5HVfPNwyyBmmlZgIlJLLjgYPjP7T3i6x03412BsPEtt4c8a6L4PvZNHW1tLa51XU7y7njW3tbSOZH8zJtZA6qDhJs/JkSD6njh1EW8qyXVs85/1bpbMqr9V8wk/gRS+TqX2LZ9qtvtef9b9mbZj02eZn/x6gA0hrttNsjfqq3xhQ3AjHyCTaN2OTxuzjk1frPmh1FreIQ3dslwP9ZI9szI3+6vmDb+Zp11Ffs0XkXFvGoA8wPbsxb12kSDb+OaAL1FUZI783SslxbrbD70ZgYufXDb8D/vk0Rx3ovGaS4t3tP4YlgZZB9XL4P8A3yKALtHaqMEeoK0xnubaQH/ViO2ZCp/2iZDu/DFNSLUFtpVlurZ5j/q3S2ZVX6r5hJ/AigC/9aaG64PNcV45+ImlfDbQkufEfiHTdNmckxl7d3MwGNwjgVzJIRuBO3OAckYrwTQfjd8UvjO+p3fhTw7rGl+HLdHGn32nwWccl7Ju2qXa9YxhCUbPleYUPDZOK7aGDq14OppGK6t2R52Ix1HDzVLWUn0Suz6xz+FH6180+F/hD8WptI1PUr34mag+sNqJmt7CC9X7OTGxDB5ZLU7F3GQbEh2YCZVuow7r49fEX4B6/f2XxOgttf0q4R5dLurSWFZi7EeXG7hYd8SKreY6wblYqdpDoDvHL3Vk4UZqTXRfpfc5nmSpRU69OUU+r6ettj6y59KfXj/h349JdTWL6xbaPDo19cfY4Nf0LXotQsI7gRvIYZ3ZImjbagxhWBLqCQSAfW1dcjkfnXBOlOm7SR6VKvTrK8HclooorI6AooooAKKKKACiiigAooooAKKKKACvKvEX/J03w8/7EzxL/wCl2hV6rXlXiL/k6b4ef9iZ4l/9LtCoA9VooooAjuI2mt5Y0leB3UqJYwCyEj7w3AjI68gj2rwX4S6f4t8e/stpp1r4wuovE93JqFoPEerLJczkLqE6Fm8mWBwxjUqGieMpkFNu0Cve5oxNC8bFgrKVJRip5HYg5B9xXn2i/Avwr4b+H7+C9LOvWGgNO1ztt/EuppdLIz+YxS7+0eeis2SVWQAlmyPmbIAnwDmuD8MtOtry3nttQsri7sbxJ9ZudXzcQ3MkUrJdXLNNJGXRmTzDuVSqkDGBiftWalFovwltNQnS4kgtPFnhaeRLW3kuJmVfEGnsQkUas8jYHCIpZjgAEkCvTdB0Oy8NaTa6XpsP2eytl2xpuZj6lmZiWdiSSWYksWJJJJNeeftLf8k70f8A7HPwn/6kOnUAdr4N8Z2HjvSjqOm2+rW1uJTEU1nRrzS5twAJ/c3UUcm3kYYLtJyMkg10NFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB5V4c/5Om+If/YmeGf/AEu16vVa8q8Of8nTfEP/ALEzwz/6Xa9XqtABRRSUALRWbqGtadpN1p8F9f2tncX832a0iuJlje5lCM+yME/O2xHbavOFJ6Cs+T4geF4PGUHhKXxJpMfiueH7VFoT38QvpIcH94sBbeV+Vjnbj5T6UAdFXlXhz/k6b4h/9iZ4Z/8AS7Xq9Vryrw5/ydN8Q/8AsTPDP/pdr1AHqtFFFABRRRQAUUUUAFNpaa7BVY+1Ar2Djaa4P4ufGbw78FfDo1XxBNK7SNtt7G0UPcTkDLbFJAwo5JJAAxzkgH4//bJ/4KfSfALxFpuheB/C1v4ikuENw2r6o7pZzRrI8bCAIQZBvR183O3KMAG61t/ss+GNS/a+h0v43/EERy6PdM7aXo6sGjZ4pWQqQOkEckbhYzkuyln4OH9HC0aPNKWKlaMVe3V+SPMxdetyRjhI3cna/RebO/0H4X+O/wBonVLzXPidc6p4W8HTNH9h8GWd15X2iIMrj7Vt5x2IOJC2T+7CqD7B8Pfg/wCB/hNdPZ+F9ETSpbyOSSQrI8rSqDGCGeRmYgHbgZwNzEDLHPfD5fl6joKY1urXUc3lr5iIyCTuAxUkD2O0fkKitjKtb3V7sOkVt93X1eo8PgaVH3370+rer/ry2PnO+/ZRt/DOtWzaBbnxN4ZLyzyeGPEGuzWtlbzBozC8axQOJQqCSNlmD7lKAk4IK6X+yvqOr3dtqGqazp/gO6SCSFrX4Z2h0stlwR5lwSWmXCqdpjXB6dDu+kv4eaTpnIqv7QxP82vcy/svC3fu6dj4j034Kax8GdYvtF8LfFCaw8fQpb3dlaXUkUFlrNrIZUEfkSM26cSLMASWUbo/u78p9JfAv4vL8V/Ddy95arpniPSZ/sOrafu5hnABJCn5lUnIAYZBV1525PXeLvBeh+O9Hk0rXtMttUsWyfKuEB2NtK70PVGAY4ZSGGTgivmLxh8E9Y8KfGCwax1GbW/+Ejt5IrXVNSvJbG+trqC2CBUvbeBishhXcA6lJVgkEisyhj3+3hmMJKu7TWqdu3Tp+O3Q8/6vUyuopYdXpvRq/wCPX8Nz66DU+vCfh38VfFHhjxIvhH4padNp11dXJj0fxC2x7S/3O/l27TRokYnIU7QUjLgD5EbAb3XIOK8atRlRlyy181sz3sPiI4iPNHR9U9GvVC0UUVidQUUUUAFFFFABRRRQAUUUUAeVfsn/APJrPwb/AOxM0b/0hhr1WvKv2T/+TWfg3/2Jmjf+kMNeq0AFFFFABRRRQAV5V+yf/wAms/Bv/sTNG/8ASGGvVa8q/ZP/AOTWfg3/ANiZo3/pDDQB6rRRRQAUUUUAJSU6mt9089qQEN3dQ2NrNcXMiQwRIXkkkYKqKBkkk9ABXgPij4jWvilbHxBrmoazofgSRydJsdFa4j1DW1CZe9YW585LWNGLhVwSBvfgoh5v9vbxV4n1P4Q+I/AXgOcw+JdT04PLLGZFmMbyhI7WDYPmmuSkyKOmyKYnAwa+Nf8AgmH8Afin4k1nxPP4uj1rQfhle2C2lyt/E8UupkSg/ZoHfDpCQHErx8MAEzk5X0aMY0kp1Fv18v8AM8rESliOaFKV3Hp5+fkfY3wx+Dul/GSF9XuPCln4R+G7r5Wn6VZxGDUNciAULPfXCNvaLcN6puy7YdmYKpf6g03T7bSbK3s7O3itbS3RYooYUCJGijCqqgAAAAAAccU7T7G302zt7S0t47W1gRYooYU2JGijCqoAAAAAAAq1+NY4jESry3tFbL+uvdm2FwscPG9ry6so6TNDNaSNBF5MYuJ1K/7QlcMfxYE/jUetaLp/iTTZtP1WxttS0+ZQstrdxLLFIM5wysCCMgGpdJuGurV2aEQFZ5kCjuFlZQ34gA/jV3Nct2ndHa4qStI+dtW/Zi1mz1K9n8N+KtPXTJI/K/sLXdI+3QXcSbWht7ljMAyRsMRybPNRGC7mCqB5VqWueBfh3qK2PxR8F6ro2paQYLWyu9L8W3l4G2LuWW3he4SaKEH7jIrKp3IWVlIr7e4/GmsgPUZ49K9WnmM1pVV15Plf3rf53PFq5XB60XZ+fvL7nt8mjxb4G/EXTdd16/0fR/Es3ibw3PajUtFu7sTPcIolaO6tpJZMs/lM0DDzMPtuUHzABq9q7814B8Vv2XW8SeMbXxt4F1uPwN4rtleQyW9mpjupiWbdIFI+Zy7K7MH3AjIOMHG+Hfxs+Jdqbiw8XaXpd/rmmsY7rQbeGWy1O4gUhTeW3mExXYOyclI9i/JlW+ZVqquHp14+2w8vVPRr9H6/eRRxVTCv2GKg/KS1TX5r5n0wetPrL0DXLLxJo9hq2my/aLC+gS6t5lBUPE6hlbBAPIIPIBrUryLNOzPdjJSV09GFFFFBQUUUUAFFFFABRRRQAV5V4i/5Om+Hn/YmeJf/AEu0KvVa8q8Rf8nTfDz/ALEzxL/6XaFQB6rRRRQAUUUUAFeU/tLf8k70f/sc/Cf/AKkOnV6tXlP7S3/JO9H/AOxz8J/+pDp1AHq1FFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB5V4c/5Om+If/YmeGf/AEu16vVa8q8Of8nTfEP/ALEzwz/6Xa9XqtABSN90/SvlL4malo0f/CUeJ/it8ENe8Z6Lpdzc+XqGvT6FLo1paxSukUttbXuop5RdACZWiWWQvgkqI1Xtf2a7Dwx4k8NaZ428B+BdW+Eug6gGB8O39lDYwX8BXKXSWVvO0ULltuJiokdEwwZDGwALXx50LTp/iX8DNYk061k1e38XPbQ37QqZ4opNMv2kjWTG4IxjjJAOCUXPQVb+J3hTQfEniDQtLgFpp9zo2u2vizUtVb5Ta+WSEy56STBRCAT/AKoSdlRW7vxV8NfCPjm+0u/8SeFNF8Q3uky+bp9xqmnQ3Ulo+VO6JnUmM5RDlccqPSsy6+BPw11Dxb/wlN38PPCtz4o+0Jef21Nols16J0IKS+eY9+9SBhs5GBigDuP4eK8E1DxhqnhX9qrxiumeCNe8YLdeD/DiyyaLPp6C0AvtbwZPtV1ASG3Ejyw5wjZxxn376V5V4d/5Om+If/YmeGv/AEu16gD1LIZhge+e1SV558Z/iRqXwv8ADukanpmi2uvz32tafo5tbnUTZEC6nSAOhEUm9lZ1YphflDncMc9+uTg9s0ASUUUUAJSUtJQAh6H+deQfFDXF8WXt74cL3Nj4Q0dDdeLdW3vbo1uIGkFnE4Xc5YGN5ShG2P5d2XwN/wCIvi7UYdQ0zwr4Znt08TasxJmmVpBptoAfMu3QAg4ICIrYDSOoJwrV4h400sfErxDpnwd8J3hOgaTfrP4k1CW/Mt3eEHzJ9xGc4aVdxcczOgVdsUhX08Hh+aXNN2W/ou/+XmeLjsS4xcKe+3q+3+fkeda1+yf4d/b38TXXizxfHrPhrwdpEa6X4Zi0eSCCQwxswdTmN02BlJ4U4MhQP+7IP2d8Nfh3oPwj8BaL4P8ADFiNP0HR7cW9rAGLnAJLMx6szMWYnqSxPetbQ9Fs/Dej2GlabCttYWMCWtvCpJCRooVVySTwAOtV/F2narrHhfVbDRNTj0TVrq2khttRmtjcrbSMpCyGIOm/bnONw6da5cRVjWqOUFZdF5efmd+FpSo0lGbu+v8AwPI+K/BX7QniPxVqdjceHfjLc+L/ABNqHjuXT7XwFb2uk3SRaGl8YHmuhbWwuIVSAPMJmkUf6sENnn7sHauI+C/w9l+Enwn8LeDJtQh1STQbCOw+3QWrW6zBBtD+W0khUkdfnOTk98Dmf2Vdci8T/BzTdaXVF1u51K6uru61D7Jb20k0jzOV85YIo081YzGjkKDuQhvmDVzHWewUUUUAJXO+NPBem+PNEbTdSWVVEiz291bSGK4tZkOY5onHKOp5B+oIIJB6KkPT0pqTi7omUVJcstjynTWbxdDqnw2+I+mw6jdSWrvHdBMW2sWaug+0Lt/1MyM8W9AQUdlaM4Ixx3h7xh41+F/izW/DOsalB4q8P6LBDfLdarIseqDS22J9pUxBhceUY7gSK6RuSqsHbzAo9X+IHg+58RWllf6PJa2nifSZvtOmXl5EZI0YjbJE2CD5ciFkbHTcGAyi15l4o+JFjqGseFtfubW48PeI/D16ttrOk6i8luyWF3ILSZkcgRzwLP8AZ5vNGVxAOUJxXp0pe0TSjdPddn5drnh14ui03K0ls+67PvY9z0+8g1C1gu7WeO5tLhFlhmhYOjowBVlI4IIOQRxVyvI/DMz/AAb8SaZ4RvL3zfBupgw+H7i6dy9jMoXbpzSNnzFZd7RMx3YjZDuwmfXK4KkOR6bPY9ejU9otdGt0FFFFZG4UUUUAFFFFABRRRQB5V+yf/wAms/Bv/sTNG/8ASGGvVa8q/ZP/AOTWfg3/ANiZo3/pDDXf+LPElr4O8Laxr18QtlpdnNezkuqARxoXb5mIA4U8kgDvQBrUhr5Wb4xeDtcb7ZqP7YHh/Qr2bltN8M6r4cWwg/upGLuC4mYgY3M0vzNuYLGCEX6J8HN4gGk+V4kNnPqUD7PtmnI0dvdrgESrGzu0fUqVLtypO4gg0AeTfBLw3pB0n4yaTqXmXGiv4yv/ALUNQvZZd0bW1qzrJI7FinJBUtjZ8uNvFbv7Ovg/SvBek+JLfQoYNI8P6jq76tpHh+3Cxpp1nLGirthXiGOaSKadUwMeaQQrBlHVQ/B3wFbafr1hD4I8NxWPiCQzaxbJpNuI9SkJJL3KhMTHLMcvnkn1q94J+HPhT4a2M1h4R8MaN4WsJpfOltdE0+KzjkkwAXZYlUFsKBnHQAdqAOkNeA/sX6h40uP2f/hfBregaFp+gJ4O0n7Bfafrk93dTqLSEJ5tu9nEkRKfMQssmG+Ubh81e/15T+yh/wAms/Bz/sTNG/8ASGGgD1aivmL9pzxl4F8P/Hb4Ir4sudLsrrTbjUdbtZrxVa4ZlgW2itoOrlpZrqNgiBixtwcfLmvZdH+IE+k+AbPxB8SYdH+Hl1LgXNtca2k0FsWPyI1yyRIXI6hQRnIDMBkgHcUVydv8U/BdxJ4dji8X6DLJ4jVn0VU1OAnVFUAsbYB/3wAIJKbsCusoAQ9DXmHxu+IepeDdEWy0GW0tddvLe6uVvNQjke3sLW3iMk11IEVshSYkA7tMnDAEV6RqF9b6bY3F3dzR21rBG0ss0rhERFGSzE8AADJJr408QeIpPip4wj8VWGmx+J21aL7Bo/huWe3Rbl44zcRQXG4jMMa5uZlD4Mk1tE3MJr0MHQ9rJzl8MTycwxXsYKEPil2/M0PDXgrWPil48uIddghN/qcst/e6g+m3NjcQaWk/2dU2Nh4ZLyOExKpfKQRSty8sm76102wt9Lsbezs7eO1tLeNYooIUCJGijCqqgAAAADA4Fc18O/AY8G29/dXlxFqfiDVbmS51DVFgMZnJdjFGFZ3KxxIRGi7iAFJ6k57HmpxeI9vK0X7qKwGF+rw5pfEzxT4sePvHVn8X/B/gvwZqvhvSodR0nUdX1S817Rri+FpDbNAquDHd24AZ5wuGPRSc8Yrd/Zx+J+pfGD4T6d4m1SLTxczXV5ai60neLS9SC5lgW5hDksscoj8xVLMQGHzN1PG3n7O4+I37QXifxZ8S/CHgzxX4VOk2ml+HodQQahPaeXJLJK7wT22xGkaY5ZJDxEg56jrjrFynx+0vwxb3Fjb6Bpvhs3i2EHnwzRzyTGKIEJOIpIjFDPtR4SUMJKtyQOHc9TY9I02S4kt3a6XZJ58oUY/gEjBD+KhT+NXKp6ZHcR27rdNvk8+VlOc/IZGKD8FKj8KuUAFFFFACHpXJ+PPhvoXxE09IdVth9rt8tZanAAl3YSEqwkglxlGBRDxwdoDAjiusPSm4HpzVRlKLTi7MicI1IuMldHzZp3gG++FvjSO0h1iPwtc6jL5Gm6/Z6dANP1b95vW11G1RURbhf3ipLEYjIrHDBhsr23wHrWt6tpDr4g0tdL1m0mNvcrC5e2nYKp86BjyY2DDG4Ag5U8qTW5qWm2ur2FxZXttFeWc6NHNbzoHSRSMFWB4II4wa5v4b+EbvwPoc+iy3SXmm2t3INJbfI8kdm2HjhkLkkmMs8a8n92kffIrpq1lWheW/9f1b7jgo4d4eaUPh/r+r/edeM96dTV/WnVxnpBRRRTAKKKKACiiigAryrxF/ydN8PP8AsTPEv/pdoVeq15T4j/5Ok+Hn/YmeJf8A0u0KgD1aivPfjN8SrP4Y+GLa6u/EWg+FJdRu10+31jxNMsen2shjeTdKGli3/LG+1FdSzFRlQSw8r8K+NtH1/wARWtl4L/aq0/xx4llLNa+HdQu/D95b3mFLOhisraG54QOwZJPlKhmEiqUYA+kbqBbq2lhcuEkQoxjdkbBGDhlIIPuCCO1fPXwP8O+Fbn9law0/xdaw6p4YtbvUvtNtqrPdxXCpqNztWVXLGckgfK+8s2DgtivfLNn1DS4mvrMQSzwgz2bssioWX5kJ6Ngkj0OK5FPgX8N18IN4SHw+8Lf8Iq1x9qOh/wBi232EzcfvTB5ezf0+bGaAKP7PvhT/AIQT4Yad4dLbP7PnuAmn+csraZFJM80FkSpIBhhlij2gkAKACVwayP2rZL6H4S2kmmW9vd6knizws1rb3c7QQyyjxBp+xXkVHKKWwCwRyASQrYwfRvCPg/QfAeiQ6N4a0TTvDukQszRafpVpHa28ZYlmKxxqqgkkk4HUmuE/aW/5J3o//Y5+E/8A1IdOoA7bwbeeJr7SzJ4r0jSdF1TzSBb6Nqkuow+XgYbzZLaA7icgrs4AHPOB0FIehr4J8ZavrHjjxZ8apfClz8Ur7xk2vDSPBsGiahrUWi2U9vDEk08kpK6esYufO8yOQsMRbdmWwwB970Vh+HfE2l6zNfadZ63YavqmkultqcNncJJJbTFQ22VFJMbEHO1scEGtygAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDyrw5/ydN8Q/8AsTPDP/pdr1eq15V4c/5Om+If/YmeGf8A0u16vVaAPkDxp4N+KfxT+OEd54p8O+Dtd8J6ZPc3PhTwTq3iW7sFLWs/kvqd5GmmzrcSHzImjUvsjWUEKzEuPoH4V+NNf8Wt4ltvEdloOnapo+pLYPa+H9Wk1KKP/R4ZsSSvBARJ++zt8sYUr1zmvMPGvw98d/Gi41tLHx74M0ifSL+6srK8tvCN7/bWik4IC3X9pxMkjxGMlljVJEZSAyMpPUfA3wLb/AiwTwde3PhkX2rXklzYQ+GNFmsDPHHbxLNPcK81xJJJuAD3M0rFjJEpbcyqQD2Wikrh9S+MnhDRfHVr4QvNVkh1ueSKBR9iuGtkmkUtFBJdCMwxzOoykTyB2BUhTuGQDua8p8O/8nTfEP8A7Ezw1/6Xa9Xq1eP6Vqlnpn7UXxAe7u4LVX8G+GgrTyKgb/Tdd6ZoA5b9qnR/iF4t8QfDzSPh/ElveWFxf+IpNTv7CS5sI5ba0eO2gl2yIN8ktyCgLEAxFiG2bTT8E+IT8OP2dP8AhLfDngS+8N63qd3b33iD+2tIlW5W6uHi+36hcW6BJZRCXkJUeWCsJ2bYwhr6HudYsLVolnv7aB5sGISSqu/0xk8/hXOeMtHTxBqWmw2/jTU/C2oWxdli0ue2DXAdcYeKeKRXAxkfLwaAPO9Q+I3jm10X4bpY694P1zUfFviFbeHU9P0y4eyudKNvNdGaNPtWUk8mIYYySJkjAO7A9xXPFeKaj8AtDurnwhY+HPH/AIg8IXXhO0ubSzh0WbT5pT54XzpJRdWsxMjbc7hjGWxjNek+C7XR/DfhjTfD+m6ot7baNZxWnmS3CSTbI0Cb5GXHzHbknA5zQB0rfdNct8QPGtv4B8M3GqTRtd3I/dWWnxk+bfXLA+XBGACSzEY6HAyTwCa2otb064tpbmO/tZLeH/WSLMpVPqQcD8a/Ef8AbE/bE+LFx+1h4q0qHXb220DQ9UuNL07QITttZbco9uZNuDueaGSTEnLATfIRxWtNRc1z7GNbm5HyPU+/dP8AjpqfgfTfEX2bS7fVvEXia5vIdL1q18121PUY54oysSMrb7aEXISLDYYWkvCmQAe4/s5/CWT4W+BlfVXa68Wayw1DWbqba0puHG4xFwTuCFm53EFmkcY34DvAPhW68TeIdN8a61pK6JBp9pJZeHtBkt41ksLeQpumlwDsmdY0ARSBGhKHJLV6sO1ejisVFw9lTVr6vW9+y9F+Z4+Bwc1NVqzvbSOn3v1f5AMYHanU3rTq8k94Q1UkjuW1W2kVsWiwyCRc9XLJtP4AP+dW6pSW7NrFtcCYBFglQw55Ys0ZDfhtP/fVAF6iiigAooooARvumvOvjV8J7P4seC7/AE8EWWsrazx6dqUZKPA0kZVkLAZ8pxhXX+JfcAj0ao+N23vWlOpKlNTjujGtSjWg4SWjPHPhv4k079oD4PrpmpXF3Br9pHDaa1Go+y3thqUJVvMCj/VssqCRDjGVwRkMo6/4XeJr7VtFOla9PbN4v0YR2msR277gZduVnUbV+SVcSL8oA3FeqNjtPu54wKUEduKupVU+ay0buvIxpUXT5W5apWfmL3p1Np1YHYFFFFABRRRQAUUUUAeVfsn/APJrPwb/AOxM0b/0hhrufG95caf4N166s9HXxDdwWM8sOkM20XrrGxWAna2A5AXO1vvdD0rhv2T/APk1n4N/9iZo3/pDDXfeLrbVb3wnrVvoV39g1uaymjsbrCnybgowjfDqynDbT8ysOOQRxQB8XXFt498M+IfFfxU+J9v8L/FvinwcWiimvvG95a6b4X8yNJI47ayfTCqTSK8GZXkMkhKqrop2j7gtZGmhic9XUMewyQDx7V8Z+K9H8Ba9rum3/jH9orxH4a8eaWrpZ6Z4ph8O2Wp205DIrR2zacjTMC0ixSwlgdz+TIQ5Y/WXgnxFc+KNFTUJNMvNLtZHxaLqMTwXM0IVcSyQuoeEsd2I3G8LtLBWJRQDoqKjuLiKzt5Z55UhgiUvJJIwVUUDJJJ6ADvWP4R8aeH/AB9osWseF9c03xHpEjMkd/pN3HdQOVOGAkjYqcHgjOQRQBuV5T+yjz+yx8HP+xL0f/0hhr1Vuhrx79kyO9X9mb4PNJcW72n/AAhmj7YlgZZB/oMPVy+D/wB8igC38Sv2cvC/xY1TxLfa7PqX2jWvD6+HGaCZF+xwLM04lt8odkxkKMWbcP3MfHHPK/GrTrnQ9G0C10ifxZqHjfw4k2taHrbaNLq0F5eNHLA1vdeUgRRKJnGAYVQMChRUwPcoItQVpjNc20gP+rEdsyFT/tEyHd+GKSOHURbyrJdWzzn/AFbpbMqr9V8wk/gRQB85eOPG0ng34veG7qbwJ4klj8P+Fbqaz0zw94dvryzk1W7eMG3W5t7doUKJCyl2IX9/uOMV9LKxZVZhhtuSATj1+tV/J1H7Dt+1Wwu8/wCt+zNsx6bPMz/49WV4s1m58LeE9Q1ia4jK6bay3lz5do0hkSNCxEaeYPmwOAWOTRZt6Ck1FXZ81fH79qXwB4g+Iln8G7DxDpd94he/tY7qxnkV7Wa7+0okVjMdrD5X/eyrkHbD5Wd0uB6Z8AfAktj/AMVBdXn22KC3k0rTJSzsbiP7Q0l1fsTIys15MFm44CLHgnJr8ifDf/BO34s+OvjwugL9jSymvZri98QLfxkQRRzKly+wkSM6SM0WQm1pI3CsVVmH7q6bp9vpFja2NnAltZ2sawQwxLtSNFACqo7AAAYr0J1J0aXsHGzPLhQp16v1qMrot96fTA3Wn15x6ojdDWS3hjR38RR6+dJsm12O3Nompm2T7SsBbcYhLjdsyM7c4z2rXopgUdJt2tbZ0aYTlp5n3DoA0rMF/AED8KvVQ0eGGG1dYJfOT7RMxb/aMrlh+DEj8Kv0AFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXlPiP/k6T4e/9iZ4l/wDS7Qq9WrynxJ/ydJ8Pf+xM8S/+l2hUAXPjpdePYvCtrb/DXSdDvvF11dNDa33iN5Vs9LHkSs1y/lxuzcL5YUYyZRk4yD4R+z7HdfDfxR4SvL608E6prHxJnkluvGjeNZ9W1zXFjtnlzDFJp1uBDGEiXy42WOJSoCZOT798aI/EDeGbO40LWtd0KO1vFm1K48NWVtd6gbQRyBhFDcQTrIQ5jcqiGQqjBAzEI3gXgf8A4Vp4V+J0vinw58b9W+IHjC7lxf8AhfT4tHudQv8A5JEEElvZ2cU9uqyyeY+8xxJJuebaSzAA+wKKpafNdTWNvJe2q2t28amaCOXzVjcgFlD4XcAeM4GcdKoeLvGnh/wDoz6z4n17TfDekxssb3+rXkdrArMcKC8hCgk8AZ5oA3K8p/aW/wCSd6P/ANjn4T/9SHTq9OtriK6t4poJFmgkUPHJG25WU8ggjggjkGvMf2mP+Sc6Rj/ocvCf/qQ6dQB6jdRPNbSxxzPbu6FVmjClkJHDDcCMjryCPUGuG+C/wks/gn4LHhqw1rVteg+2XN817rJga4aSeVpZSzQwxq2ZGdskFvm64wB2Ecd6LxmkuLd7T+GJYGWQfVy+D/3yKSCLUFaYzXNtID/qxHbMhU/7RMh3fhigD5h8I2niDX/jxfalZ2njPS9Rfxjc3Wpfa7a80/R00mCz+xxj51WC9edoIJE2+YyBy2Y8MG+raz44dRFvKsl1bPOf9W6WzKq/VfMJP4EUvk6l9i2farb7Xn/W/Zm2Y9NnmZ/8eoAv0VnzQ6i1vEIbu2S4H+ske2Zkb/dXzBt/M066iv2aLyLi3jUAeYHt2Yt67SJBt/HNAF6iqMkd+bpWS4t1th96MwMXPrht+B/3yaI470XjNJcW72n8MSwMsg+rl8H/AL5FAF6iqEEWoK0xmubaQH/ViO2ZCp/2iZDu/DFJHDqIt5VkurZ5z/q3S2ZVX6r5hJ/AigDQoqh5Oo/Ydv2q2F3n/W/Zm2Y9NnmZ/wDHqSaHUWt4hDd2yXA/1kj2zMjf7q+YNv5mgDQoqjdRX7NF5FxbxqAPMD27MW9dpEg2/jmiSO/N0rJcW62wHzRmBi59cNvwP++TQBdpKprHei8dpLi3a0x8sSwMsg+rl8H/AL5ptvHfxtMbi6tpFP8Aq1jtmQr/ALxLnd+AFAF40h7cV5/4i+LvhnwV9vtPEHjbw7Yapbp5pt5ZFSaNdu4Zg84yOSOQFwTkYFc5rnx8TSNOknj0jVpYIdhk1S+01NItVLbsRgahcW7O2EJJQsAMZ9K3jQqStZbnJPFUad05ao9korwDwn+0Ze+IrgR3EekpFDb77lvDUN/4hZJmClI3NtbiKPCl84lk5GBnBNeUeJPjlqvijSwtp4415rjUJ41Sx0+50W1OJZlEaJHA9xfx7VYAqqSSnByBkgdUMBVlLllocVTNKEIqUdb9v1PtTd70uRXxT42ufG+qaHqVr4Q8O+IYdbuoWt7Bm17xWzRTv8qSFriGCEBSwb946qApya/P/wCDHwn/AGpPDnx7srzVdM+J2ilr8f25rEi6kIriAPmVWuYopfM3YwrKsoyQ2CBWU8M4OMb6v+u5vRxiqxlPov67H7rginV4T+zz8WLzxtfSWd9ri63DdafHqNhK8UYmiKyNFdW8jxIiO0ZNs5PlocXS8Ywa92rGtSlRm4T3R04evHEQ9pEKKKKxOgKKKKAPKvDn/J03xD/7Ezwz/wCl2vV6rXlXhz/k6b4h/wDYmeGf/S7Xq9VoA+f/AIl+OP2d9c8TTjxR8SfCeh+KtOzp9xeWPjRdF1WFUdi1rLPbXMU/lq5YmFm27hkruANdf8DY/hdeafqup/DXVdO8TBp1stT1+21Z9YubmSNQ6Rz38kkks3lrN8oaRggbaMDgY/x28RWXgCbQ9T0/XpfDniDNylpDB4Uu/EMNykrxeeZ7SzUThd/k4kSSMeY6Bi+7Y1n9m7Vm17QvE+o3Ooaxqeq3GuSm/n1Xw3caBGZRDAFFtZz/AL1IRGIxmRnZnDktzgAHr7dDXx94u0XXNQ+KXjL4eeF9Q8N+KNP8TeKtM8Q6q0Gpy/2n4X8n7JJKLiBIZIwrrZo0RkmhctKQquEr7CooAZ69j7V4FqGo+NLH9qrxj/wiWgaDrUcng7w59tbWtbn00wj7drewxiOzuPMJBfIJTBUcnccfQFeU+Hf+TpviJ3/4ozw1/wCl2vUAcv8AtpeIJdJ+ENhp9nqGvaXqOueINN0y3uvDUl6uoRqZxJcNEtmDM5FtFcNsUHOOlY/wV1xfB/irxxrmoap4l8M/Cif+zrHRG+JWp3azz6gWlWd4RqTG6iRy1uixyYDsGKLg8+p+Ovg/a+PvHvgfxTdeIdZsJfCV1JeWem2f2b7JcSvG0TNMskDuT5bugKOu0OSCDzXN/tRTTt4L0DTxaa9Npt54h099RufD+l3OoXNrbQS/ai/lW6PJhnt44shGx5vI70AexjLc9vSl9a83/Z/0vWtL+HqrrQ1aLz9QvbiwtdevZLu/t7F7hzbRzyyMzlxGVO12Zk3BSSVr0hiApJNAHmHx78cjwr4P/s6DURpmp6yZLaO8VvntLdY2lu7sAMrHyYEkcbc/P5Yx81eH/DX4N6F8V/H1hrus+EdF2aL9nuJnubV557PZA0dro6SyKCPJGJ7jnmaRUIIBxn+OPHl98X/GVro2iXH23UPEdyx062mC+RYabbjzLeSVXhOBcyoLxgcmSGGGPoyk/WPgvwraeCvDtno9k1xLDBvZri7k8yaeR3LySyN3d3ZnY4HLHAHSvaqL6nh1F/FI+cpN4/FOafux0/4BtphcL1Hapqb0NOrxT6PoFFIzBeSQPrQGDcg5oAWqEsMLa1aytLi5W3mVIv7ylotx/Ahf++qvH2qhN9n/ALZtN277X5E3l/3dm6Ldn3zs/WgD5q+OHiRfF3jD7Ra+J/E+i+E9LmHhq413QL+W0g0rXZ5olt5mSOVReIjyRxSpKjQoXAySJgn0zpsM8Fhaw3Nx9suI41WW58sJ5rADL7RwMnJwOBmvCF/Zg1Se6l0S58axyfDeTxQ/ip/D8WkbL6Wdrs3gt5LzzyrW4ufn2iBXIUKX6k8B488XpH+074ql8KeI7PTfHUJ8P6DDoNja201/qsfnNPdvOJEaQWiwXS7pE27TB98EFGAPsKimr706gApKWigApKWigAooooAKKKKACiiigAooooA8q/ZP/wCTWfg3/wBiZo3/AKQw16Lr+qNoeh6jqSWF3qj2dtJcCxsEV7i4KKW8uJWIBdsYUEgEkcjrXnX7J/8Ayaz8G/8AsTNG/wDSGGvVD0oA8P1T9ozxHY6Prl7F8D/HbNpEbtOtzfaFHGjLCsuHZdSZgNjKSVVsA9CeK9rjfzY0ccBhnt9exIr5A/aa8U2Fj4w8Ryy+HPDEiaXDCbx9Y+IGo6RHeuYlkgW80y0geK6SUh4Y/tDEStC8XHyq31/Ed0cZxs4Hy88e2D/h+VAHCfHrR01/4M+M7CTW7Hw2k+mTA6rqrhLS2+UndOSQPK4+fPG0muN/Zlm1/wATXXjnxvq+mafo1n4k1KCSwt9Ju5bq1uo4LdITexySwQMyylcKxiG5IkYM6MjH3OigBDXgH7GGn+NLf9n/AOF8+t6/oWoaA/g7SfsFjp+hz2l1AptISnm3DXkqykJ8pKxR5b5htHy19AV5T+yf/wAms/Bv/sTNG/8ASGGgCv8AFD4t+KvC3xO8IeCfCXhTR/Euo6/Z3t80mqa/Jpq2kdt5QZmCWlwSpM6KCMHcemOa3vgl8Tj8X/ANv4ik0o6Nci8u9PubMXIuY0ntriS3l8qYAeZGXjba+1SR1UdK8u1b4O6j8Wv2lPEureMtA8SaT4S0/QLfSNC1HTPEsmnJdlpnkvNwsrxJsPuhXbKm0iDPBwKX4i+JdS+AuvaLo/w+0q2Twl4Z8JanrGoeGxNBp2nJFFJD5TNP9nlkWQj7WQFOHZPnxlnAB9Ht90188ftWePH09NA8L2GsWWk3l5PFqEtxdXMabBHcwR2+5WR8p58sczdMx2ky55JHuUOvWz+HYtYnf7BZNai7drpgghTZvJck4GB15wMGvjfQ/tf7RXxkaSQyDT7yX7RcwvIf3OmxgARFUuDtZoZUixj72o6gMZhIHrZdRUputP4YanhZrWkqaw9P4pu3yPef2Z/BaaD4O/towywjVliFhHcACWHTYlK2ivhiu9w0lw5AH7y5kyMivZaxvEeqW2geG9V1G7umsLOytJZ5blNu6FEQszjdleACfmBHHNfHf7N/xw8W+N9W+EC2nxbm+Jur69by3njDQ47TS57TQrU20kkbPLZQRtbziUQRbJXbeWf5Bj5fOq1HWm6j6nq4eisPSjTj0PtyloorI6ApKKKAKGkeR9kf7Ju8vz587+u/zX3/APj279KydR+I/hPRfFeneGNQ8UaNY+JdQG+z0e51CGO8uV55jhLB3HB+6D0Namm3luunzzxx/Z4I5p9491lcO34sCfxr5TXVrHx9rHgXxjrmjWF74W+Leq21mvh+QP58C2sVxd6bqBfdzMFt1MiqFCh0XLGIs4B9fUVz3h/xtpPifW9e0rT5biS+0K4S01COazmhWOR41kUK8iBZAUdTujLDkc10NABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXlPiP/k6T4e/9iZ4l/wDS7Qq9WryrxF/ydN8PP+xM8S/+l2hUAdb488X3vg3T7O40/wAJ634wubi5FuLHQfsoljBR38x2uZ4Y1QbMZL53MgAOa4rwz8c9Y8Sa14Vt5fhb4q8P6Vr0pWPWNZvNJECL9mlnQ7Le9mlZm8sALsHUkkYwfXGOFJxn6V8dfCnxTYXnxt8ISQ+G/C+mpqdxdrZWsPxA1HV5LVBbTNK9npjW62ls8bxtbzGIgxFpI84kBcA+xa8P/aZ1ibwivgrxVaX2iNfaPqU/keH9cu5Lf+2mmtJovItvKhnke5G/ciRwyM4DqAN2a9xooA87/Z/8J6r4F+DPg7Q9biW11SzsESezjk8xLUn5hbq38SxAiMEYGE4wMCsL9q2O+m+EtpHplxb2mpP4s8LLa3F3A08MUp8Qafsd41dC6hsEqHQkAgMucj2GvKf2lv8Aknej/wDY5+E//Uh06gDtfB9n4lstJaPxXq+la1qnmEi40bS5dOh8vAwvlSXM7bgcktv5yOOMn4a1b4Un46eIvjdqnhz4Q2Wqa94i8SPpWifEC7/s+C10ZbNEtZLqOVZzeCVZ4p3Bih+dgmWwMj9AbmBbq3lhcuqSIUYxuyMARjhlIIPuCCK5T4Y/C3w58HvCyeHPCltdWWkJPJcJBdahc3pV5G3uQ9xI7gFstjONzE45OQC14T8XaTrmoaxodhc3d1qHh2WKx1A3dpNEVlaJZFw7oqy5RlbchYfMOc101fLfhn4R+JNc+Nz+ItW8DyaJfW3i661yTxXfXlrN51iLU2dta2awytKnmRR27SiRI1+Q58whcfUlABRRRQAUmKWkbp7UAFN3dhXO+OviB4f+Gvh2817xNrFnouk2sbSSXN3KqL8qsxVcn5mIU4UZJwcV8T/DX/gr34B+IfjC50M+BvE9mDvbT5YGgnkuVUFj5ke9fLIQFsBnHB54Bq4U5zkoxWr2MZ1YQi5t6Lc++vxpM+vFfHS/tgfEXx7JLH4M8C2dqttbC6kllF1rKzhwDFEps4sRSHDjEhABVgxUg0knwx/aK+IE0H9teKdR0u2hgy0TX8GkN57hgVjex8/zUQqvMwUkE4Cklh639lzp/wC8TjB+t3+B4jziFT/dqcp+isvvev4H054u+KfhDwGzJ4h8S6ZpE3km4FvdXSJNJGM8pHne3IIAUEkjAya8s8Qftg+GotYbRfDGl6n4m1pZVt3tfs0lqYpCW3B4WQ3JCJG7MY4JNoxnBIFcv4R/Ybs9FMKah4n+0QKWlmS005f9Mm5Eb3Edy89vIY1eQArChy+7Oc59Q8OfszfDvw7pthYyaH/bcFlC0MMWtzSX0KFyrO6QSExRszLkmNF6nGAcU+XLqL1k5v7l/XzFz5riNFFU197/AK+R4XdftaeKvG001r4eks7GSbUFtLa20i2+3XZRQryyAufPUbRId39nSBQBnJztrzeDfi38TElmvtJ1jULO81KLA1698q3NtGyAs0JeBApdC2yTTHJDZIckCvsew0+10yzt7O0torW1t0WKGGFAqRooACqoHAAwAAMYq3wMUv7QhTf7ikl66h/ZdSqv9orN+mh8saL+yb4le311LjxDpvh2HUY1tBY6bBJtEQRhvc2ZsIpWJkk4lgcABRkgkV2vhr9kXwb4dvbC5+06hcPYxGK3kgFvp8yZAG8z2cMMzNgYyznIZs5yTXuR7Um4L1IFc0swxElZSsvI7KeV4SDTcbvzPPbf4A/D+OSaW78K2OtXUzB5LzXQ2p3DHaqgedcmR9oCgBc4HYcmu7sbG30+1htbaCO3toUWOKKJAqooACqoHQAcYqfzE/vqPxp25duQwx65rilUnP4nc9GFCnT+CKXyAqAOlNPKmvMfEH7TXwr8K/E6z+Hmr+OdIsPGV20aRaVNMd+9xmNGbGxHbI2qzBm3LgHIz3mseINN8O26XGq39tpsDv5aS3cqxqWwTtyxxnAJ/A1DdtWbKLk7RWp82/2XrHwp+K3jzxJFaW76ZpMreIrm2tXVZZtNvkdLv7wx5iSaZFOACpYK4LEvgfUMbblVvXmvJV0Wa1+OPlz3cd9pPiHw1ex3VnJErxt9mvwUznP8OoyIV6fLz2x1HwatdQ0v4aaBpWq2zW2oaTAdKk3lv332ZmtxMu5QdsojEi8fdcdep78RP2sYzk1eyPJwlN0ZzhFPlu/vO3FOptOrgPVCiiigDyrw5/ydN8Q/+xM8M/8Apdr1eq15V4c/5Om+If8A2Jnhn/0u16vVaAPJfjOupXuueG9L0GyTUNcvIb0fZLzV00yyurTbGJ4pZhb3Ewbc0Ui+RGHBi5dFyGP2eLO9sdH8TRa3qjav4rXWWXWrj+1YtRQTrbwBESSK1tUG2EQAqIEIYMTuJ3t23ijwj4W+J2htpniLRNH8WaN5u42eqWkV7b+ajMudjgruVgw9Qciuf+DugSeCbHW/Csf9mro2j6gYdJi03TorEQ20kSTiJ44gIyyvLIAyIgK7cru3MwB6JRSVw3iD4q2Wj+NLLwnp+k6p4m8QSrHcXdppEcRGm2sjMq3N1JLJHHGhKthAxlfaxSNwrbQDuW+6a8i0m1TUP2oPHKSGRVg8IeHJFaCRomJa91zO4qQWHyjAbIGWwBuOfWly2M5B6kV5d4c/5Om+If8A2Jnhr/0u16gDU0vx1Za38Yde8H/2TrlrqWh2FpqL6hLOosLiK4Mix+WqTlid0UykSRrzGSMgqT2kemxRXjXSvcGVhgq1zIY/++C20flXw/efEK+1b4z+LpNfmuPDPw78ZeLJPD0HijRtSubXU3k0m2GyyjMKI6JNPHegOju8hLxqqllY/SviL4ra3p/xCl8E+F/DdjrWo2NjaahcLq2uGwmmt5pXjLWymGTzzGImL72jwSg3EtkAHpUGlwWrTMj3JMud3mXUrgf7u5jt/DFeXfGjWrfw/oEXh+G6uLddW8yfUbmd5LkWml26iS9mIdZFwYysQBHLXCcHBrZ8M/FC71rxz8QdKvdNsdN8O+E3ggOtHUmdppHtkuJFkiMKrD5aSISfMfhgeK8UvtGl+P8A8TLyylaI6fqH2a4vypJa30GFxJa2xIjVo5b2YyTkeYGWKJARkAV34OmpT556RieVmFaUIezp/FLQ6b9lnwFc6t4Ybx14jjkt9T1vcbG2tZJII7OxIiVFQKRncsEIDkktFFAM8HPvM+kwzW0cLyXQSPoUupVY/wC8wYFvxNTWdnBp9nDbW0MdtaQRrHFDEoRI1XgKAMAAAAAV4T8Y/wBoK703+0tI8GWxuZ7WZdPu9dVPOjtLphkW8EIO66udoP7peFZk8whc448Zi1Ocqstn+R7GU5XVqqOGo6tbvZfN/pv0R6b468aeDPAsVlc+LvFen+GYnOy3fUtZFkszAZIG6RRIR+NeFeLv20vD1tq3leHPDPiDxBq7uqWUJma1huVOwq/k72l2skgZCYD5n8OcHb+fv7Rn7FPxr+Onxa1HWfC0M3j6WGOK31KS41eDdpk4BH2R5pnjSaREEbv5I2q0hXaMDP6S/sc/sw237O/wh8N6drNnp9747jtnGqaxCvmOxd9whWRhu8tEEcYAwp8vdgE158va1Yp0Wo+u59JQjl+W16kMfTdVr4UnZP1629N/xPNdU8G/HH4vQx/2rbLJperxwyz6XrNu1jpdtgK5ZfJvzdk7lGFkjUE8sqEcaN14M/aT8G6lp+n+HNf/ALc8MXFyCslxcQi9sYX2syTS3EUjNsLMA4ErfLkr0QfXuMDgVU0mO4h0yzju38y7WFFmbOdzhQGP4nNZywcekpJ976nVHiatH3fq9JwtZRcE16/4l3Vm+tz5r1a7/aY8E6XqF9bp4Y8U2dv+/W1u5JLjUXQKN0atDBaxMchiBsB+bHzHGbvw/wD2yPD3iSGG78U+HNU8FXUF22kz3Gox5tYLhtzNF5pwRjyk3l0XYWQHg5r6Sb0I4rxj41fAzR/iEC+m6TYWPissup2+sqHt5WuLdoxHHLNCVk2MjvGWDZUHco3KuHOlWp+9SnfyZGGx+WYq1HMMOo6/HDRpdmr2fe+/qesaPrdj4hsIb/TbyC/sZeY7i3kWRHwSDhhkHkfpV+vkX4ZQ+OfgPJd6PpGm3Wr6VZPJc33hG+nWS7WMyZe50q4EcaXEZEoLROqMrLj5Wl59k+HP7Sfg/wCImvL4eSS+0HxUIzLJoGuWUlpdxjryGG0krhwFYnacnvjSniItJVNGcOMyerRlOeG/eU1rda2XeSW3r8PZs9Wp9Rqynoc1JXYfPhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHlX7J//ACaz8G/+xM0b/wBIYa9Uryr9k/8A5NZ+Df8A2Jmjf+kMNeheJ9WudC8N6rqVlps+s3lnayzw6dakCW6dELLEhYgbmICjJxkigDxf4oeKPFeneNryC21fx1YXEZjOh6P4Z8MQ3um6r8iNi7vJLWZYMzF423z2u1F3DGRIfd0YttyuD6dcV4N8SfG3iDxt4I1bSr34C/ECQPA0kEiX+hLJBOg3RTRNFqvmJIjhWVo/nBAK817ra7hbQb92/aNwPXOBmgCzRSHoa5XwH8SPD3xNs7q/8M3smqabb3DW41BbWZLW4ZSQWt5nQR3EeQR5kLMmQRuyMUAdVXkX7KdxJH+zP8KIBbTPFB4P0gR3KlPLuALKIApkhgCORvVTyM45A9eryr9k/wD5NZ+Df/YmaN/6Qw0AejR6hcSW00rabdRPH92F2iLSfTD7fzIrz7xd8G/CfjrX08Ua34Z1O+1XyorOWz/tWWOC6gikaSNJ7ZbgW86K7uwWVWALE4zXp9Nb7tAjxb9pHxgln4KtdCe3c3GsTRmeyeSVDLZx3EIuIi0CSH96JI7fHc3AAJOFNH9mPwpqXhjwdP4g1Nptf1XxPcyag1/blFjFs8skkWxWdcI7TS3ACqpH2ggjIryX4szX3x9/aPh8F6ek6aFbxR2tzdebKmbeGeQ3siDbtAMqLFkg/vrSAggV9j6fZW+mWdtZWkMdra28axQwQoEjjRQAqqBwAAAAB26V7eJj9VwkKP2p6v06HzuFl9cxtSs/hhovXqef/HrwLrXxZ+GviDwNo+pP4bbXLZrKfWms0u444JARKojFxE+WQsu4HjdnmrHjDWrzwL8Jdell+02L6LoE8p1bToIgivDbk+ZBC7zEcjKo6v0Abd39CYhRkkAV8Oft8ftw6v8ACDwjqWlfDAx3XiKzmjj1HWPIFxFpqlsEBSChfcURiwKqZFXBZvl+fqVIwtzddEfYYbB1sXzeyi2oq7fRJdWfTnwO1OI/CTwvtSOVE0yFnvbWO1ht7ybZ+9liSAqgDvuYbVVTuBHBrj/FH7Z3wy8J3ltZy6udQvJnAMWl7LzYpyNzNE7KCCMbMlySMKc18A/sVx+J/wBsjR9fPiPSH17UtN1K18/xFqZjNqY3icN50gC3ksiiPKxRTJHlk3eWoG/9HPhb+zb4M+GN1FqcGlWN54mZV83VvsUUJDBSD5UaKEhUhmGEAJGNxcjNcrliZy5YRSXd6/hofQ0sPkuFpKriqkqra0jFKOvnJ81l30v2vfTzTUv29vC002qxeHdIuNZaxiRlN5eW2nmaQl90apPIsjEBR9xHJLAYHBOz8Mf2xrDxZeX2leLPCOv+DvENqqy/2YmnXWoO0J4EmIoN6c4zvUDDKQTk498im3apcW3kKsccMcivgclmkBH4BB+dcD8WP2d/A/xmaKfxHpHmalBC0VtqVrK0FxBnJUhlI3bSSwDhlBzxyczKnio2lGom+zVk/nq1+JdLGZDVi6FbCypp7TU+aSfo+WLT66J9nprs+C/id4d8Y3d3plnfwpq9vulm0yaN7e6jiYhkkaGQK4DK6EkgfMSpwwIGP4K/Z5+Hvw/8Q22s6Jo0sN9ZxzR2C3Wp3V3BpqTHMq2cE0rx2oboRCqAgY6cV4h4z8M33wfazvviFp0fxS+GsEhtIJNZtEvdW0d2Ljzd7RkSxyFI9zMykGRABhAD3Vr8NfAvjLw4PEfwmstJ8O+JNNucW1xbWT2GJ4pVaS1u4kCOA4UxsrruVZCQORnSNaTbi0rrz1/U46+V0YJVoTbpy0Ukrxv2b91rzutN1c57wz8JPEmufG5/EWreCJNEvrbxdda5J4rvry1m86xFqbO2tbNYZWlTzIo7dpRIka/Ic+YQuPqWvJ/BHx4sdQ1CPw94yt4fAvjXfGn9h6hexubgPny3t5eFnVsEfIMhgykAjn1dWDdCD9K6YTU1eLPDxGHq4aXLVVvyfmmtGvNC0UUVocwUUUUAFFFFABRRRQAUUUUAFFFFABXlXiL/AJOm+Hn/AGJniX/0u0KvVa8p8Sf8nSfD3/sTPE3/AKXaFQB6q2dpx1rwP4a+KPFd/wDECwhv9W8dahfyeYNc0XVPDUNhoelfuySba7+yoZ8SiNE2XVzuVyTkAunqPj7xdqng+ysLjSfB+r+M5ri6+zyWWiy2yTQp5Uj+aTczQx7QyKvMgOXGMng+e/29rHjD4keC768+EfjLwtcWd1NGddvrzSzDHbvby7oZRZ6hLI8bOsR2sjJvWNjhlVgAe3UUlcv8QPiDpXw18Otq+q/aZw0qW1rY2EDT3d7cPxHBBEvMkjHOB0ABZiFVmAB1NeU/tL/8k50j/sc/Cf8A6kOnV6JoOo3GraTaXl1pd3otzNGJJNPvmhaa3J/gcwvJGWH+w7D3rzv9pb/knej/APY5+E//AFIdOoA9Ht9F0+zaVoLC2hMw2ytHCqlx6Ngc/jSRaLp1tby28dhaxwS/6yNIVCv9RjB/Gr56GvkT9nz4kaRcfEH4kx/DnStD17Xte8d3VzrdpbXyWY0vT4FW0N3MUik3PJLbySJGdrSGdm4UOwAPq3+w9ONn9j/s+1+x53fZ/JXZn124xSTaHp1zbxW82n2stvF/q4nhUon+6McVkX/xI8JaX4otPDN74o0a08SXRAt9Hn1CJLyYkFgEhLb2JAYjAOQCR0q14c8a+H/F8uox6Druma3Jpty1lfpp15HcNaXC/eil2Mdjj+62CPSgC/c6PYXbRNPY28zw4ETSRK2z025HH4Uk2l2Mt4t5JZ27XS9J2iUuPTDEZFWL6+t9Ns57u7njtrWBGllmmYKiIoyWYngAAEkmvkn4rfEjxF8dNah8J+C1uGtb6AmC1jmkthJbyLt+33rqQ0dvsYtHb/ekyruCCkUnZhsLLEyteyW77Hn4zGRwsdryey7nX/FD9rf4ffD+7uG0G1h8W6+oJkfTQogTlMmS6CkEYbnyw5BGGC15joNx8cvjlbrc2Gnp4P0C/aNZZtJij0tLmEqZXf7Q4luAxzGqyRI8bbj2DZ9v+Ef7Lfhn4ciC/wBWx4u8TRFCuq6jGWEAj2iFYYmZ1i8tVXaQdw5wQuFHs7Msa5JAx6mvTlisJhVy4WnzS/ml+i6eT3PKjg8bjXzYqpyL+WP6s+WNC/YctdV0vb458V3+s3cth9kl+yEsQHLNIDLcGUnqqBolhyqcqdzCn/Ar/gnD8HvgB8RrrxpoVtq2raoySR2kGuXMdzBYLJkN5KiJWztYpukZztJ5yST2PxE/bK+G3gDZFBqp8UXruF+zaAUuSud3WTeIw3yn5N2/kELjmvPdc+MH7RvxJ0fUZPAPw7tPCcf2a5hhu9fLGUTLExSRFk8tsltiqrQsm7ksRnHz2IzR4ipacuaXZa2+7Y+8wXCmJw+Hdf2apU2r3nJR5rduZ3l8kz6pm0TTbi3it5tPtZII+UieFSqfQY4pLrTdMupIjc2tpLJEB5RljUlPTGRx+Ffg3+yZrPx2179rnSdL0bxF4p0/xXe6h5XiGe+Ek8kFuW/0mS6imyp2qWIEg+/swQ2K/YWT9kPwDrmk2Fr4rk8QeNrm0Llb3XdevJZCzHJ+VZFReAB8qjhRnJqJyqfZV/V2X6s58PRwu+IqOKv9mPM/XVxX43Og8VfHD4U+Fb+7m1jxV4di1KwYxzIJ4pbuJgcFdi5kyD2AyK422/a2+FWqzXlz4Uh1LxfrsUZlaz0Hw/cy3ki7lUtlolAHzDlmA7ZzgV6j4W+EfgvwXftfaD4U0fR71ozE1xZWMUMhQkEruVQccDj2FdaLeNekaqfUKKz5a7e6Xyv+q/I7FUyumreznKXR8yivmuVv7pI+ZR+0j4hvtWgsvBvwB8UXF3ebxcNrVoukRbQCwzKVdTn5uHK84AzmmWeoftEeILrUk034e+B/BOkEJtstcuGummJHzHdbNtYDH8Sr94dcGvfPiB4ysvhz4N1XxFeQSXENjDvFvbqPNnkJCxxJkgb3dlQZIGWGSBXzT8UrX4u6XrGiz60j6p/bN9aaZbrpXji50C0tLqZGbZHDb2MzyRx7SplmkZnbJESLhVj2NRu8qj/Bfpf8To/tTC04ctHBwT7tzk/xly/+SndR/Df40eJ/CZsNS8XeD/Bs4uN6xaD4da9jKAdzcShQSSeBHn5QQ3JFYusfsz/FDxJbWVnq3xp+2abbTLMtnD4dSyU4P3N9tPFIFIJBAYZz6gV2nw18ReMfBus+HvC/j1/tD67DcHTrhrlLqa3uIMs9rLOkUSzhogZYpfKRtsbrINwDP7LtHT3pywsJaSbf/bz/AM7EUs8xWHf7iMI+fs6ba9G4uX4ny4v7H3iqTUpLm8+JsupWpUpHY3aao0UQLAjbjUw3AGOWIweQaTxD8F/ib4R0I6L4V0P4Y+IdAW1zJaXeiT2800gzlNjTyLIWAX55JBlj8xH3q+pu1Jz69qX1WnH4FZ9y5Z/ja0ouu1NLo4pL7klr57n4afEj9g/4mfED9qLWtFsbDTdC/tS6/tFBqc1tpy28MgLkQ2yTyl449roBCZQoQBipyB+v3g/QPBXxS8H6Fq134L0qKSNQTp17p8ZfT7hfkli+ZBhkdWTIAzt44Irq/GPgbRvH2mx2Os2n2mKGZbiGSORopYJVyVkjkQh43GeGVgeTzyRXh/hbwLrfhv4lajpNj4hk0rxcsHm2+rahY/abfxBpiKihrpI5Iw11BLIEMgKOVMZO5XIA+enJRlqgj7DGQnUhJ06i1e9vPbW3yuvNXt0/iL4YeG9b+J3hcz2Si0fTtXiW+s5Wsrhbn7TaukSTRMkisqLcgBW+6kg6ZrXvvgNa/ara50Xxj4w0CaA7m8rXZ7xJDlSNyXZmXjB4AAIY5zxiLw9488YaXpotrv4b6pqd5FNKlxeaNe2JtJ5fNfe8Xn3McgUtuO11BXOMtjJ0m+JXioZP/CqvFAA5/wCPvSv/AJNraUqdSzcdfRnDTjjKF4xqq139pNfc3+hha/c+MPhDJBr+peKbrxb4PR1GrpfadB9r0+HZIWuo3t1iVo1byt6GN2ChmB4xXr0MgmVXU5DDNcF4b+J3hX4oPN4altr2HULnTzcXWh67pU1rKbdsI4ZJkCuuX2EqWUnjJrm7aLxT8Dt9hpuiah408CwRNLbLazo+oaUijmALIwa5TpswTIAGX5vkBiMuR8y1j95tUoyrrkqRUKq8lFSX4K/5+u/tA+9inVyvgn4iaB4/iuZND1Fbt7V/LurV0aG4tXyRsmhcCSNsqcB1BOPSuqroTUldHjzpzpScKis10PKvDn/J03xD/wCxM8M/+l2vV6rXlXhz/k6b4h/9iZ4Z/wDS7Xq9VpkHll/+zB8H9Y1G81HUfhV4M1PUb2eS6ur3UNBtbieeaRy7u8kkbMxLMTyT+grqvAvw18J/DCxurHwf4a0rwtYXU/2qaz0ezjtYWl2Khfy4wFDbUQEgdq6migBD0r468e/DE33xf8TxyeENWm+IN/4r0jW/C/jK20uWWC009EtEuU+3AeXbBUtbpZIHdDKroFWQuBX2NRQAw8Z47V4FqGn+NL79qnxl/wAIlr+g6JFH4O8O/bV1rQ59SMy/btb2CMx3lv5ZAD5LB8lhwMHPv9eQaVdzWn7UXxAMVlPeFvBvhrKwGMFf9O13rvZf60Aet88YH155rzHWPhNq/ijx1oes654jsryw0LVpNU0uK20fyL633RNF9n+1ecR5RDneBGrOAFLYyD6LcX08LRKmn3M4kHzNGY8R/wC9lx+mag1HWhpayy3FvJFZQxmWa+kkiSGJQMsXLOCABkk4xxT3E3ZXPkj4keF/EXgHxBe6Z4g+Iel3XhbVNS1Dxj4isdM0aSxvZrBUEX2WWdr9vMSQtb2yIIlLgH5vkwfePgH4R1DQ/CM+veIIvL8VeJrg6vqYbdmAuAIrYbvmCwx7E2knBDY615PoenzfG74hW4u5Q9leXVt4j1eycPui0yNCdIsnG548O3mXEsT7W3OcAjDVS/bQ+MXjGfwbrHw6+Fvn23j/AFC1K5tiXvI0Yr+7gMW5Y5XRmbe7J5aKW6lCO7FVYYWiqTdm9/0/r0OLLMFXzTFTq043UU/klu36HV/FL4ua54o8YX3gXwdJLHKlvIJZLOPddXrq6LJHBKWCWyLl0e5kztc7EVpFIHL+APhQbvUhouii1TVrQm213xXYpiLSI/mLabpm4EiT5z5k33suzuTIwVfkj/gl98D/AI2x6x46OoPq/gLwVfQLZXs+o2TpdXFzFPtaO28wq0cir9oRpcMEY42lgNn6qeGfDOmeENDs9H0izjsNOtEEcVvGOFHrnqSSSSTySSTkmvB9i5z5pu/9f1qfdPNKeFwqo4Zcre6637y7+UdV30shfDXhnTPB+iWmj6PZR2OnWqCOGCMcKPXPUkkkknkkkkkmvkn4veIrbXv2iviBZzSfFK/t9E8O2NjY6R4FvNdigm1abzZizvaFbaB1ie1GZ3VcSEsCAMfZWM8VwHwt+D9r8LNU8Y6hBr+s69c+KdUOr3h1YWx8qbYse2MwwRnYESNQrlsCNcY5z3JWVkfKylKbcpO7ZN8ILrWdN8A+ENB8a6rb3nxBh0K1n1eEzxtO0oRUlkKr1XzNy71G0nNdfo9u1ppNjA8oneKCNGlHO8hQCa848BtqP/C8viabqDxFFYMmmxWn297l9NYJb5eW13sYlLNLsdYsHdbkuMkFvRtDhht9F0+O3l8+3S3jWOX++oUAH8qZJePQ1RlkuF1S3jRc2rQyGRsdHDJtH4gv+VXj0NUZI7htUt5A2LRYZFkXPVyybT+AD/nQBzPj74a2Hj5dNuJLi60nWNLm8/T9Y09kW5tW6MFLKysjr8rI6srDqMgY8V+IXw/ufH32b4ffEvyLnUbpTJ4a8cabYGNXuEi3SRSxbm8qUhGYqGCSoCUKMmF+nDzXN+OfBdp4+8O3Wj30tzbLKVeK7s5jDPbSoweOWNh0ZXVWHUZGCCMiuarRVRPTf7mexgMxq4ScPesls1vHzXW3dbPU+ffAvjrxL8GNW+xeLLu6k0k3EdvqNvq140xsWklSOO8s7qXBnsi0saushMkJILE5OfqJWDYIPB6Gvmz4jfB74lePtFu9D1xPC/iIxwGDTfE1vPcaVewCSLZOZIhHMrq44aNXVXUdAduzrfgz8S/FzaoPA/j7wvqVr4js0K/8JBZ2byaTfqoBV1mAwjsuSVYAZGBgkIMKU3Tl7OV7dG/yPVzHDwxlH63RlHnXxJNarpJJ6276XXVPc9qH60+mL9KfXoHyQUUUUAFFFFABRRRQAUUUUAFFFFAHlX7J/wDyaz8G/wDsTNG/9IYa9Vryr9k//k1n4N/9iZo3/pDDXqtABSUtFAHnn7QWg6v4o+CXjbR9Cgmu9TvtLnt4rW3lEctwGXDxIxICs6blBJGCRXJfsz6feWMXisWn/CUReB3vbf8A4R+38YJdR3sKi2jFwqx3SiaOESqQiuAAQ/lgRlK9wooAQ9DXz3+x54bv/DP7Ofw21zVPHWt6xpUvgvS5V0nUoNPSzsENnE/7pobWOUhFyo8yR/l+9lvmr6Frw34DeFYPHX7E/wAOPDlzdXdjbav8PtNsJbmwkEdxEkunRIzRsQQrAMSCQcHHFAHnX7Efj/TdU8A+H9L+Hmj6JqOhXd1qGs+IrzT75baLQpLud7i2tEhSN1llEcioYwyeWsXzEEqp9i+J37QHhDwToniaG28V6BceLNLs5JI9EbUInuPO4SNZIVfzFUySRKSQAN4JIHNJoPwP8P8Awx8UXni7Qptat0j0a0sJfD+nun2W5Wyhkjt38sIHeURuYwN+04TKkohX4q/aA1zVRdyfD7wnpus6poNyk/iay0vUPDtzBrVtcXEtxLNaRo0Ye5gLkyEhCV8vHmOVGO7BUFiK6hLbd+iODH1nh8PKUd9l6s96/YZ8I6Zqmn678SrbVP7e/te6ns7LUZHDSyQiXdLJJiRtrySAblPeLcOH5+ptR1C10mxuL29uIrW0t42llmmcIiIBlmYngAAEkmvF/wBlXVre0+Guh+DrHQte02z8M6JYW82o63ol5pQurtlk89Y4rqKNmCsgcsuV/fADpXkfx5+L03xG1saDp0kNx4eM+yxjhBnGpSIUDXDRYBuEErCKCFSUmkjkd28qI1y5nj3UqyrT1b0XotEezw7kbrKOGp6RWsn26v5h8YPjVqnxK1mLTdJ1fVPCHh1Z4Ugv9PWQXUvmN8s0kaKZG81TtgtVHmSZMrhUVSer+Ef7M2l614fA1/Q/7K8IzmGSPwteQxNPqaxlmSfVnKlpXZm3i3J8tAApVuVXt/gj8B18E41rxCyX2u75jADM06WqyMS8hkZVMk8oAMkpUdkUKiha5Xxt+0l4uvNa0az+H/hhb7TdUjubm11Ge3N7LdWVuyLPfxWyTQ7rYNLEFKytNN5gMULrtZvKo4eUpe1q7n1eZZtSw9L6hlqtBbvu+/r5/wDgNtW/ePCPgnw/8P8ASE0jwtoOmeG9JR2kWw0mzjtYFZj8zCOMBQT64reryL4Y/F/Vtcj8MQeMNJt9Jl8S2iXejajYu5tbzdF5xgdJAHguRHubym3AqjFXJVlX16vRPiilC9wdUuI3X/RFhiaN8dXLSB/0CfnVyqkcM66nPI0gNq0Uaxx55DgvuP4goPwq5QBlLpv2/Sbqy1WKO8hnedHilUOrws7bVIPUbCBivBviH+zlJ4c1CDxB8K45vDF+WVbzT9FuDbRzkFPLnWAyLbuY9rZjkULIsko3KxVh9BabaPZ27xySeazTSyhvQNIzAfgCB+FWRWNSlCp8SO/CY6vgpXpPR7ro/VdTnpPDcPijwjBpfi6w07VnmgjF/bNAJLWSUYY4RwcqHGRnngdxXCf8Ks1z4d3EN18OtVb7AsMcEvhrxBeXFzaSKrDBhmZne1YKSvyh0IC/u8jdXrlHrnkVTpxdu/cini6tO6T917xe33f010MjwrqWoaxodlearpEuhajLGDPp8s0cxgfuu+MlWHoR1BGQDwNqmLT6tX2ZyyfM20rBRRRTJCiiigAooooAKKKKACiiigAryrxF/wAnTfDz/sTPEv8A6XaFXqteVeIv+Tpvh5/2JniX/wBLtCoA9VooooASvFv2jfh3L44/4Q+/l8Gr8RNG0bUJpdQ8L74BJdxS20kIeNbiSOF2RnGVkcAo0mDnCt7VRQBwPwK8I6r4B+EPhLw5rUwm1PTbGO3l2zNOI8D5YhI3LhFKoGPXZnvXO/tWWc2o/CW0tLe+uNLuJ/FnhaKO+tFjaa3ZvEGngSIJEdCyk5G9GXIGVIyK9gryf9ppRJ8N9KUkgN4y8Jg7SQf+Rh07uOfyoA7bwj4a1Hw5osljqPivWPFdy0jONS1eKzjnVSAAoFtBDHtGCRlM5JySMAedeDf2XPC/gPVPBt9oeq69ZTeG9Ml0omO6jB1WGS4W5b7WwjDO3nqZMoY875Acq7KfWIdIgt7eWBJLopJyS93K7D6MWJX8CKT+yYPsf2XzLrys7t32uXzM/wC/u3fhmgDwrwdLK3xe1HUNL0PW28KaybjWtasfEPh6eCTTNSgjhhhntZXT96ZI4iPLj8wggMrLnY3lWl/tf6H+zn8HL/xH4t8JeMIL2+vNR1m+W/8AD97pub+5vN1vYo91DGkjeU5yyHCpascEkA/ZU+kwzWsULyXQSLoY7qVXP1YNlvxNfK37eHhnwh8Zvh5ceA9WvbmCPS5YdT1HU7NGuW0kbXW3xH5iq888jrEqN/BJIx2gBq1pUpVZcsTGtWhQhzzdkeK+Dv26rj9tnXYfCfhbQ20PVo3iNv4f1CUT29yxMjPeXEoTDQW6pG3klRuklUnzAmw/cvwp+FOl/CnRJba1kl1DVL2T7TqesXbFri9nP3ncknAyThc4GT1JJPyd+xT+yV4T/Yd8C6r8VvHXipLbVtS0qNLu51OL7HDpVq7pJ9nKsSxlZxGGB53KFUZ5bq/GH7evh/x9cDw18F7lPFur3kDg6pDbzsto+1mCpB5W+aQhWxwEHBZtofFYnGujQ9jLRLe27ZtleTSzPG81DWUlfV2UV1ev/D9j2n42ftFeFPgbp5/tS5+0azNCZbTS4QzPLyFBYqrCNM/xEdm2hiMV4ffab4++P+kSeKfiHf2/ww+HlmzSvaXm4M8KTQurSwS7UOdkiB7gOjAgi2GQx639nv8AZF0/wo1v4v8AHkX/AAkHjySf7Z51zKZltpCSwPpJJk7i7Z2kAKfl3N6L8RV/tX4x/C7Qr3H9jN/aGrtE3+rmvbVYRbIw/i2+fNMoPAa3VsblUjxIU62J9+v7sf5f83+h9ziMZl+S/uMr/eVlvVa0v2px2t/eldvpZHnHw4j8A/DJbS90n4VeN71IIkT/AIS6/wBDe4u3RYliDBXb7UqGNBiOOFVAyAgzivovw5r2meKNFtNW0a9t9S0u7TzILq1cPHIp7gj3zx2IIPNfKPgfQ7Lwb8dNL1e60+x8R6T4h8WaqmneOtFvmi1D7d5dwv8AZur2z/8AHwsK/a44ZUZvKWBF8uNSzN7X8PT/AGR8cvidodkNmjm20rWTEv3Ir65+1pchR/CWW2t5WxwWmLfeZifRjCMFaCsj46viK2Kn7SvNyfdu56Y1jbyahFeNbxtdRRvFHcFAXRHKFlDdQGKISB12LnoKt0dcUtWYXEopaKBHCfGzwff+Ovhrqul6T5X9rpJbahYpO+2N7m1uI7mFHbBwrSQqpODgE1534817U/jXpPg298Ax6DPdaDrsGr6xpfiXVZdNvNPaFTm3liS2nZJP3h3b9oGFI3BgR78ehrjvGHwc8A/EO9hvPFfgjw74nvIQFiuNZ0mC7kQAnG1pEYjkn86AOQutStfi18XPCL6DPHqGheCru51K+1S3bfbtfPaT2cdpHIPlkZUuZ3kAPyFYweWwPYap6bpdno1jb2On2kNjY26iOG3toxHHGo6BVUYA9gKuUAFFFFACN9015n8Z/Dd1dWuieJ9IsZrzX/DeoRXsS2saNcSWrMI7yFQfvb4GkwgIy6Rnqor0w0xh+VTKKkrG1GtKhNVIq5Q0SeK4szJDF5C/aJlKHH3hK6s34sCfxrTrO0y786zmlljW2CTTKc8DasrKGP1Az+NeAeB/Hni3xr8ZGbTvHSvo8l097Z6Fe6dEun6poGxU+12MwhWdpkndFZmleJlcMq7ZI2qjHzPo4IqnIUA+uKXA9KWigBqqq9AB9BTqKKAPKvDn/J03xD/7Ezwz/wCl2vV6rXlXhz/k6b4h/wDYmeGf/S7Xq9VoAKKKKACikNeaeJPidr3hv4leHNEk8L20/h7Wr06dDqSari/80QPM0q2XlYa3XZtaTzg4JJ8vbhmAPTK8q8Of8nTfEP8A7Ezwz/6Xa9XqteVeHP8Ak6b4h/8AYmeGf/S7XaAPVG6GvFv2oPGFh4Y8F2Vpqly1vo1/eKNXWFHeWSwjUvJGoVlP75xDbEk4Auea9pb7p5xXyf4yaz+KPxrvda1yUJ4H8HpcCVZI5CpS1KvdT42gYM4FuAN4cQT9Cor0cDCDqOpVdoxV2eXj5VHCNCgrzqNJGtcePT8B/hJqnjXxLHbH4l+Lg1+NPWHDtOIQLe124V/LgiEatkkhi+CWcA8d8Hfhz4l1TxFqlk+qTjxBK07eI/ENsgiTTvtLxzzWduAAsl3LiJnmwRDGsSqeEzh6RqXir49fF601tYrT7XMt2fDVvfojxaNYRzxK2pPCHO+bcFVF/ikLHKpEpr63+Gfh238L+GVtIXkuZ1nmW5v7nabi9kjcxCaZwBvkKxoCxH8IHQCvnHOWPrus9Irb+v60P0+rTp8L5fHL6dnWlZze9n222XXXWXSy11fCPhXSvBPh+x0TRbKOw0yzTy4YI84A5JJJ5LEkkk8kkkkk5rcpi+tPr0UktEfDSlKbcpO7YUUUUyRKr6fZx6dY21pCMQwRrEmeflUYH8qsV8t/HDxIvi7xh9otfE/ifRfCelzDw1ca7oF/LaQaVrs80S28zJHKovER5I4pUlRoULgZJEwQA+pKpSW7NrFtcCUBFglQw92LNGQ34bT/AN9U7ToZ4NPtYbm4+2XEcarLceWE81gBl9o4GTk4HAzTJIYW1q1laXFwtvMqRf3lLRbj+BC/99UAX6KKKACk2jOcDNLRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB5V+yf/AMms/Bv/ALEzRv8A0hhr1WvKv2T/APk1n4N/9iZo3/pDDXqtABRRRQAUVR1a/GlabdXht7i6EEbP5FpGZJZMAnaqjqx6D3Nc/wDDjx8nxC0m8uzouqeHL2xvZLC80vV1h8+CVArYJhkkiYFXRgyOww3ZsgAHWmvIP2Vbh4/2Z/hRALaZ4oPB+kiO5Up5dwBZRAFAWDAEcjeqnkZA6D1+vKP2Uf8Ak1r4OH/qTNG/9IYaAPRo7+ZrWaV9OuoWj6RO0W5/cEOR+ZFfPn7P/hWDxb4q8WfGa7RPEk+tahJFoEkUSpJbWMZaFSPMKBXIHltxn92SCwck95+0p4ou/D/wxuNP0on+3PEVxHoOnKCRmWfKkgjoQnmMD6qKPEWoW37P3wUtbLSUhku7GzWx06OYqizXJU4eT5lATIaWQgjaiyN0Wu2NT6rhZVL25tPkt/xscMMPLMMfDDwV+XX5vb7lqfJf/BVf9o7xj4I+Hem+GvAV/Npy3kjw+KLm1UNPZQyR/wCj27SLuWPzgJm4IbEQ6Bucv/gkdb+KfiBo/i3xp43srrUltpLez8P65qKks67JFnSPPBCKsKBhnAJQEAEV6z+yx8Ox8UPEzfEfV4pJ9Isby4l0n7YgWS9vZHLz6g6JiMNuYxqBnYIlTOYQzfYoByea8ShJYmHtJx9PQ+1zSl/Y1aWCw1Z3tadtr9V5/wBI5T4saLqXiL4V+MtK0VtmsX2i3trZNnGJ3gdYz/30RXh/j7w3a/Fn4dfD660nwLrHiDRbbSXlsNS8JavDpfiDQL0xRwoLeWa4gVNqmdZUZ+GiVWR8FR9N9Qa831v4LQ3GsXWp+GvFfiHwBe3shnvT4ektmguZT96Vre6gnhEjc5dUDNnLEkAjuPmDjPF1r4lf4afCTw94luotQ+Is+vaJNcTW+3LNa3EVzfTYVVXb9nimVmVVXdKAANyrXvp6VxXgf4X6f4N1CfVZr/U/EfiG4j8iTW9dnWa68rOfKQKqxxJkAlIkRWIBIJ5rtT0NAGH4y8XaT4B8M6hr+uXX2LS7GPzJpVRnPYKqooLMzEhVVQSxYAAk14R8BtM1u2+Keo2ut+JvFFn4msrV73VdB1m/e9tdStLqeQ2N1EjSyR2kkXkyxPHb4TcpyCuw1618Yvhufix4DufD8epto139otb601BYRMILm2uI7iFmjJG9d8S7l3KSpIDAnI4hfBtz8KdP+JHxQ8d67b+L9em0Xy7j7HphsrGCwtI5pEtobZpJ2wzSSsxaRyxfoAAKAPcaK+YP2Mby5ttLtvD+j+KbTxd4K0jw3pkP2rS7e2Gm2mp4k+0W9pNCo80BQjyBmcqzjld2wfT9ABSUtFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXlXiL/k6b4ef9iZ4l/8AS7Qq9VryrxF/ydN8PP8AsTPEv/pdoVAHqtFFFABRSVyXxK8Sa/4U8K3OpeHdBs9evoEaV4dS1P8As+3SNFZ2Z5hFKwOFwAIyCxGSq5YAHWmvKP2kmI+HWlgDh/F/haM5AztbX9PUkZ6Ng8MMFTggggGvRvD+pSaxoem6hLZXGmyXVvHO1ldLtmt2dQxjkHZlzg+4Ned/tLf8k70f/sc/Cf8A6kOnUAejf2TB9j+y+ZdeVndu+1y+Zn/f3bvwzSTaTDPbRQvJdBI+hS7lVz9WDAt+JrQprfWgDjfiR4gsPBXhmbV7kXNzcwjyrDT4buaOS/uWH7qBQpO93IxkhsDJPANeSfCfw/L8SPFl5rt7LHc+G9K1D7Z9qjzNb61rAGJbiMyglYbYqsMJQDPlffYLiud+K2r678dviofBHhy5j060sUurZ7ySKRxFCymC8vMEopZW8yziUbjlrliUARqxvib4903VYZPhp4SmHhTwFpFx/ZmoNZRMt9rEwciTT9PQD945kwsrk9ZQTlSfM7sRUjl+GV/4k9l2X9f1sYZXgK2f41qGlGnvL+t/JdfS559+2xDP+11oUvgbwS102lW2rRLFq+6eW31TVBHKI7SBNwj8pV8ySSX7qBN3YCTc/wCCev8AwT18Sfso+NfEHi/xl4h0rU9XvtPOlWtlojyy26QtLHK8jvLHGS5aJAAFwBnk54+i/g78F4vDcemaxren21rqFlB5Gk6PbsZLfRLc8FEY8yTsD+8nPLZIHy53eyV5FBVGnKo9WfR5pPCKpGlgo2jFWb7vv/w2nbTURvu/4Vy3j7wLD450u0jF7NpOradcpfaZqtqqmWzuFBG8Bhgqys8bqeGSR14zmurorpPDPANO+HfjzR/Fkmt2Pw8+Edr4mljaB/GtuZ4rx0Y/Nutha78E/MU+2c4xu/ir1PwD4Fj8E2N15l7Lq2s6lcG91TVbhFWW8nKqm4gcKqoqRoo4VEUcnk9ZRQAUUUUAFFFFABRRRQAUUUUAFFFIelAC0lcl44+K3gr4YLZt4x8YaB4TF6WNs2uapBZCfbjcE8x13Y3LnGcbh61nzfHj4aW/hGHxVL8Q/CqeGJrk2UettrdstlJOAT5Qn37C+ATtBzweKAJ/iH4PvviV8KfGHhY3jaTe61YX+mxXiqT5AkEkccmAQSApUkAjPrXA/D34YeN7r4ieGfFXjmLw7o0HhXQZtG0rSPDV5NeJI85g8+4lllgg2ALbRqkSoQuWJc8Cu78K/FbwhrngzUfE9p408P6t4dsJrlrrW7LVYJrO3RWL4kmVtibY2QncRgEE1Zvfip4HtfCL+Jrvxh4di8LgRh9Ym1OBbH96qmMGYvsw6yIV5+YOpHUUAeKfs8fEDxNJ4p0TTZ9SttY8P+K01zxBZwXFxdXmo2dmt+PscrTyzOogeKVEWLau0oSrtyifTlcf8PvA/gfwja3k/gfQPD+iWt9MWuZPD1lBAlxIhKEyGJQHZSGHPIII9a2LzxRo+n2+qzXWrWNtFpEfnalJLcoq2SbPM3zEn5F2fNlsfLzQBsUVxdr8ZfAN9Z+H7y28c+HLi08QTta6PPFq9uyalMrbGjt2D4mYN8pVMnPFdnn8qAPK/Dn/ACdN8Q/+xM8M/wDpdr1eq15V4c/5Om+If/YmeGf/AEu16vVaACiiigBDXh/jzwXdfEL4veF7+38B6hoOreGdSiuY/H1xNYqk9kobzrOLybhrl0lEjIY5Y44+Wfqqh/caKAEb7pr5/wBQ8H6p4q/ao8YvpvjbXvCC2vg/w60seiwWEguwb7W8CT7VazkBdpA8sofnbOeMfQDdDXlHhv8A5Ok+If8A2Jnhr/0u12gC78ePiBL8Pfh/cz2DouvalMml6UJCAoupchXJKsAsahpTkYIjI7182Xtvp+n+CYPCdsZhogSxvfEK2qO169kWVNP01I4gG8+7cmV1ypVriQk/OMt+P3j601H4o6vqmrSLd6F4bikt4bRWYK4UGOVAcld00zPbSYXKoI3B+U16X8AfgzqWrWth4p8bWzwyNeyazbaNIgTdeyne1/coAP32ciOM/wCpQID+8BK9WOtRoQwcPin70vJdEduQ0k51M7xGkKb5Kfdy6tenfo/ufovwN+Hk/g3w62pavbW1v4n1sRXOox20KRpa7YlSKzj2E/uoEARfmIJ3N/Ga7jw8yppNyzMEUXd4SzHAA+0Sck1qDivN/iFb+Ib74J+N7Twlam98UXNtqsGmwLMsGbh5JkjJdiAuCwOSR0rihFQiooyxFeeJqyrVN2eL/sufGDUYLHSdMk0Lxt4uXxpqepa7p+pSahHf2+kaU128NsJ5Lq78+OPyYkkACsG8xvL3nKr9Zj6Yr56/Zy+EOv8AwD8Wa94Ts9LnufAU9pplxZapc6gsnkzxWS2s8IVnaUkm3gcZVUAd8N8oSvoarOcKKKKAENfPq/swapPdS6Jc+NY5PhvJ4ofxU/h+LSNl9LO12bwW8l555VrcXPz7RArkKFL9SfoKqekSXE2l2cl2nl3bwo0y4xtcqCw/PNAHyV488XIv7TviqXwn4is9N8dQnw/oMOg2VrbTX+qx+c09284kRpBaLBdLukTbtMH3wQUb6yk+z/21abt32v7PNs9Nm6Ldn3zs/WtCqEk0I1q1iaLNw1vMyS/3VDRbh+JK/wDfNAF+iiigAooooAQ9DWP4i1a80WxW4stEvtem3hfstg9ukmDn5szSxrgf72eehrZpKadmTJXVrnBf8LE8Sf8ARMfE/wD4FaV/8m0f8LE8RH/mmHij/wACtK/+Ta73im1fPH+Vfj/mY+yl/O/w/wAjmvDXifVdcunivvCOseHo0TeJtRnsnRznG0CC4kbPfkAcde1eQeLPh1aeNv2mr3Tb7XvGFnYXHhVL82uj+L9V0+FLgXBhEiRQXKRqdijIC4JySCSSfoXtXl/jL9nHwX488V33iPVv+EjXVry2FlNJp/izVrCM24AHlCK3ukjCEjJVVAJJJBJJMN32RrFOKs3c+WtK17X/ABfrngm21G68f/EL7Hf+JvDzv4Q8VSaPLq9vp91Glrdyhb2zt2dRI6u6nLkfxAAL0kPiLxj4g+FvgDW7PUfFXjOx0JdXh1vRfDOstZ+I4JYJylvMySCH+0JLUIYJYX/dzSSB9s/yhvfdW/Zl+H+qSeH2i0/VtEXw/ZNp2lw+HPEOo6RFaQMcsqR2lxGoLcbmwWbauSdow6L9mf4d2uhaPo9jo97o9vo8U0NncaPrN9YXcazSLJPm5gmSZzI6qzl3JcjLE0izwT4ha5rEeh6B4rtfFnjTxH4Bj8IWkf8Awk3hS9ki1DRJ3LJJqd9pW5Wuo5Y2DNuWSSD7NMUjVjvX1z4rfF3w74lsbfwn4U8daXPrl3rOm6bqsWi6xGNQsrOe4jWU4jYyQM6t5av8rKZQVZW2kdHq37OPw91kWscmhzWUENjDpZttL1O7sYJ7OLfstp4oJUSeEb3/AHcoZSHfIOTXZ+J/B+j+MvDdxoOq2S3OkzqoaGNmhKFGDRtG6ENG6MqsroQyMqspBANAHz74R8N+N/Gwt7fT9bu7rTvCnibUtIjvr3xHfWtxHBDcoYZZFjVhqTIm6Ex3TbW2bmZmZifpxSN3vWT4T8L6Z4L0K00bRrdrfT7YNsWSaSaRizFnd5JGZ5HZiWZ3JZmYsSSSa2aAPKv2T/8Ak1n4N/8AYmaN/wCkMNeq15V+yf8A8ms/Bv8A7EzRv/SGGvVaACkpaKAMzXtQuNL0e8vLTS7vWrmCMyR6fYPCs9weyIZpI4wT/tuo9689/Z98G6z4N8P66mpLrNlp+oaxLqGl6P4h1MajfaZBJHHvhluBLMHJnFxKMSyYEoG7qB6rRQAjdDXz/wDsY/DvSfDf7P8A8MNcs7rXZLzUfB2lNNFqHiDULy1TfaQufKtp53hhAPAEaLtX5RheK+gD0NeH/ALxRaeCf2Mfhnr+oMVs9N8B6VdS7SMkJp8RwM9WOMAeuKcYuTUVuyZSUIuUtkJJs+In7R/mNk6L4BsMEkYVtRulB+jbIQvurPXz3r2p337aHx6h0zSJLiDwXoDlhqUcGNtu8fzv82QJJHQBAwyEAfacOG2vEa+Lrnwbonw08NQzSePvGU0niTxVMsbx29pFc728udwP3Y4VNo5IhK4PmAH0zSPh3L4LsdF+DHgrUB4emXR21fX/ABBaxMJ5i37mPG196tNKrszK4dI4GRHRijx8uYf7ZiFho/w6ej82un37n2WQzjw3l7zWdni69/Zr+SL052u7WkF6s958M6DY+F9D07RtMh+z6fp9vHbW8O4tsiRQqDJJJwABknJrXr8+f2ebzSvHXj7w5o8Fz4YuNd1Ow1C5vdV+Hj3dpq3hu4tZVSNtQeS9ulmWXdhUuAAT8pSRS2Psr4ReMNR8VaJqVnrflN4i8P6jJo2pyQJsimlRUdJkXJ2iSKWGTbk7TIRkgZPQkkrLY+RlKU5OUndvc7yiiimSFIehpaSgCjD9m/tq62bvtf2eHzP7uzdLsx753/pV+s+GeFtauohFi4W3hZpf7ylpdo/Aqx/4FV+gCjo80M1rI0EXkp9omUr/ALQlcMfxYE/jV+qOk3DXVs7NCICs8ybR0IWVlDfiAD+NXqACiiigBKbzt4606kApAclrnjDWdI1F7az8Da5rUKhSLyynsEibIzgCW5jfjpyo6d6of8LD8R/9Ew8Tf+BWlf8AybXe4pOK1U1/L+f+Zg6cm787/D/I4P8A4WJ4j/6Jj4nH/b1pX/ybXV6PqE+qabDcXOm3WkzSDLWd20Rli6jDGJ3Ttn5WPUVo8UhXcpGcUnJS+zYqMJResmz4v1LwjL4c+EXxj8bad4+8ZaL4g8G6xq0uk3uoeLtSvbREtVDxW81tczyQzRuf3ZDIWIf5SGAI5fxd4i1ux1L4n+J4Y/iRYzab/ZmsQ61b+LLt9G8OtLZwXM4uLB7t3lhVnkZoks5gEO1QgHy/S1l+yX8NLK8SeTTNa1SMX/8AarWOteKNV1Gzlu85E8ltcXLwyPuwwZkOCAeoBp+vfspfDjxRq2uX+r2GuX51y6W61Ozm8VaqbK+dSNomtftPkOg2qoiKFAqhQuOKg1PM/G2t61oHxofW9Y1vxQPBupaxpVvpfibwzqZudL0+MiJn07UdPDYiE0qg/bAjNi6jR5I0BRk8N69q/gn42QnxvrniWxstS1zUriw8RQ6t9t8MavbJFMYbKWMtjTZ4I2YbQiRzNaOzPK+0L7VffAXwPqHihtem0q4+1vdRXs1vFqd3FZXNxEEEUs1osogmdPKi2GSNivloVxtFO0b4E+C9D8UReILTTbuO+iuZr2K2k1S7lsobmUuZbiOzeU26TMZZMypGH/eP83zHIB4f+0J8XtJ1/TV8R6F4r1rU/A9roepSWniH4c3l1eW9vrkRhaBLtrDflNjMQs+YPveYDlKNO8U+MbvxJpnii/1rUNP1+48YW/hObRUunNhDavpqu6/ZC2wSCdjceaQZMKF3+WdtfRfiT4eaF4w1jR9S1i1nvpdKlE9rbSXc4tBKGVklktQ4ildGVWR5EZo2AZCpGarr8K/C48f/APCaDTWXxAy8zC5mEJfy/K842+/yTP5f7vztnmeX8m7ZxQBifBDwX4l8F6JfW/iS5LzzXAdIDr95rWMKA8v2i7RJF8w8+So8uPHyk7jVXxF/ydN8PP8AsTPEv/pdoVeq15V4i/5Om+Hn/YmeJf8A0u0KgD1WiiigBK4D4yeG9R8aeEJfD9v4R8M+M9O1I+TqGn+Kb+S1thGDuDqqW0/mOrBWCnZgqCHB5r0CigDmvhz4TfwH4B8NeGn1CbVn0bTbbT2v7jIkufKjVDIwJOC23OCT16nrXB/tW6TY698JbTTNTs7fUdNvfFnha2urO7iWWGeJ/EGnq8bowIZWUkFSCCCQa9hryn9pb/knej/9jn4T/wDUh06gDtPB3gPwz8O9IOl+FPDuk+GNLaQzmx0ayitIPMIAL7I1A3EAZOOgFcZ8fviPL4D8EzR2CTz65qIMFnDaqzTfMypuQKrHcWkjjQ7SBJNED8pJHp15eQ2FnNc3EiwwQoZJJHOFVQMkk9gBXxNrHizWPih8TIPFGmxm61S+ZrfwppkiBlsbZGKjVJFb5fMJ88RLIrAMXc5WLNddD2dNPEVvhj+L6L5mX1evjqscFhfjnu+kYreTfRIgsdRv/B+mXPgHwdFIvizWrs/8JFqOkbVeCcru/smwclsGFGw9wxZIFZn/ANZIqV9G/A74HWHwt0qC4uLe0fxC1uIHktlPk2cRO77Nb7vmEYbLFj80jZdyWPHI+Gfh7Yfs6abp39nRzeMfiX4kmNjazapdsTI7Fp52aQqxit1IlmkYAszbR8ztGtcD4i+NXj7wl4s1231vXvEenR6HfWlpqOrf8I1pMnh61NyQIJGjS+N8YWLKCwO5QcuEwSPN/eYmq8TiH7z/AA8j6TE4jDYHDLLMs0ox3fWb7vyvsfYdPri/hz44n8VR6np2rWUeleJ9FuBaanYRSmWMMVDxzQuQC8MiEMrEA5DIwDIwHaVueAFFFFABRRRQAUUUUAFFFFABRRRQBBfQyXVjcQxXElpLJGyLcQhS8RIwGUMGXI6jII45B6Vw/wDwr3xFuJ/4Wd4nHt9l0r/5CrvqSrjNx2Mp01Pe/wB7OC/4V34j/wCineJ//AXSv/kKrGm+Btdsb6C4m+IfiLUYY3Vmtbi300RygHJVjHaKwB6HawPPBHWu1pOar2knpp9yI9jBO+v3v/M8G/ao8eeGPA7fC9/EfiTSfD6v4vs7hTql9FbBoolfzJBvYfKm9NzdBuXPUV88fGjx14W1PVPir448I65o+k+DNUg8PaW/iaeRF0rV9ch1PzGkhO9BdmG3GJHR+VQru/dkr9yeMfGWj+AfDtzrmu3f2HTbcqGdYnlkZ2YIkccaKzySOzKqxopZiwABJArgr79qL4d6dY2V22o6xdpeXx0tYtP8NandzJeCJZWtpYordnimCOCY5FVvldcZRguR0HzNpviDw/44l+MS6t410/XIZZ/D9yPiR4Fs45NJtbxbt3tVaF2mVnt5PLklLzzDyWVW8pY8HUsfE2ja74POrah4r8K+E9Y07x1Jf6d8TfDFotx4Y1S5+wtvu7iOWTy4w9u0ltNtmIWcZWYMcD6M0/49eAbLwTFr8GsXlzYT6tcadHaQ6TePqP27zJHktvsCwm5EqAOzIYtyopYgLzVq8/aI+Htnpmj6kPES3djq0lwtpNp9pcXYZIH8u4mYRIxjgiYYed9sSZUswyMgHA/AX4katb/Cnw/FpXwrkvIpZb0SXngm7shoLSC5l3XFsbu5hl+zztmWPZG6hZAAWADHivAuoaLdTfGW2+Kumar8OdHu7rS7nVdZ13XrPTALowRFVF1Z3rNGd6psAfAQKhP8NfVXh7XLDxRoWnazpdyt7pmoW8d3aXKAhZYnUMjjPOCpB555rnLj4veFIfDmo67HqFxqWn2OoS6TN/ZdhcXs7XccpikhjghjeSVlcEHYrY2segJoA4bwL8Pbj4geDfDuoar4t126W0e6tBeBLVW1/TFumNqbktCxw8UcT+ZB5TPu3ZAbaPbVFcZB8XPDc2v6Po/mapDfarbx3MC3Gi3sUcQkDMiTyPCEtpWCnEMzJIcY25IFdtQB5V4c/wCTpviH/wBiZ4Z/9Lter1WvKvDn/J03xD/7Ezwz/wCl2vV6rQAUUUUAFFIeleE+JPjd4j0/xLr2q2UWlDwL4Z1+y8N6nBcW8jX91LObcPcQzLKERITdxZjaNy/ly/MhxQB7s33TXhGt+KofAvxw+L2v3GGTT/AXh64CZxvYXmu7U+rNgD617p2zzj/PrXxP+08uqeLv2jtS+Guil4r7xh4f8Nxy3GwMkNpbXutSTSHJHKlomxkE7cDrVwcYyTnsXChPEv2VPd/h3fy3Mn9mn4Q3Pxs1qfxJ4hheXwrbTmeOZ8KdQ1BWXDlfmWRI1MqnIwzSuvzAHH2wmi3aYH9uagB/1zt//jVQ+CfCGneAfC+l+H9Jt1ttPsIVgiRRyQByzHuxOSSeSSSeTW/RUnKrUlVnvL+l9x01qy9nDDUtKdNWivzfrJ6syf7FvB/zHdQ/792//wAaqxo+mnSrMW5la4PmSSNI4AZi7s5zjjqxq91oNQcYtFcr8OvG0XxA0G61SG2ktEt9X1TSTHI4Ys1lfz2bPx2c25YDsGArqqACiiigBKp6THcQ6XZx3b+ZdpCizPnO5woDH8TmsX4oeN4vhn8M/F3jCe1e9h8P6Rd6s9rGwVplgheUoCehITGfetnSLR9P0yztpJDLJDCkbSN/EVGCc9evPPrQBdqlJcMusW1uIQUaCVzNjlSrRgL+O4/981dNVJJLhdVt41XNo0MhkbHRwybR+IL/AJUAXKKQ9K5bxd42i8KeIfBOlyW0lw/ibV5NJjkRwBAy2F3eF2H8QxZlMerg9qAOqooooARvumsLxNrl9oenrc2GgX/iCcuF+yWElukgBzlszSRrgY/vZ54Fbp6Uz+Hjr7UPUcWotNq553/wszxV/wBEp8Uf+Belf/JtI3xK8VY4+FPijPveaV/8m1vah43isfiZoPhA2zvPq2k6jqyXIcbI1tJrKJkI6kt9uUg9th9a6jnd14rPkf8AM/w/yOv29P8A59R/8m/+SOT8JeLtY8QXUkWpeDNY8Nose9bjUZ7J0c5xtHkXEjbu/Ixx1zxXmH7TEfim31Xw1qmjQ+I9c0PTIL251PQPBusCx1ksFjMF9DEXQXqxFXRrV22OZ0JSXaEPvnPNcb46+E/hv4iXlle6xBqEd/ZxSQW9/pOrXem3UUchVpEWa1ljfaxjjJXdg7RkcVaVupzzkpu6jby1/W58meIJJda8UW82h3nxS+IVhdfDyx1KDUPDPi260oJcgzRC9ltZL2EKziJS0aQyncrZiZiQ2p468YeI9U8N+GvHc3irxHrvg+bwbZNceI/AF88cuh3kuRPqVxpREbXdvKr55jaSAW8hSKNiWX3DVf2T/hvq1405sNc08Pp0WkG30jxVqun2ws402pbCG3uUjEYBb5QuCWYnJYk5ei/CP4bfEHWvFWjL4YuNJg8IXFr4Ukh0zVLqytr60TT7a7iglhglRJbdVv2TyZVdD8+QQxpmZw/jTWNZ8P8Axok1rV9a8Uf8IdqOsaVbaX4n8N6obrS9PjIiZtO1HTw+IhNKv/H4qM2LuNHkRAVbtfHHxC8OfF7xN4R8H+F/Hdtf6Xdapcwa7N4R1/y7uPybSaWO3M9s/mQkyIHIVkYiFlyVLqe0vvgH4I1DxQ2vS6TcfbHuor2W3h1O7jsrieIIsUs1osogmdBFFtMiMV8tNuNorf8AHPw/0T4k6PHpuu2008MMy3ME1pdzWdxbygFfMinhdJY22s6kowJV3UnaxBAPE/gzp/jz4hQ/Drxtf6u11ZrpqR3V7/bl1bmRo2ljcnTY0+y3HngK/muytGT8i/KK+k6o6TpdpoWmWem6fax2dhZxJb29vCAqRxqAqqo7AAAD6VeoA8q/ZP8A+TWfg3/2Jmjf+kMNeq15V+yf/wAms/Bv/sTNG/8ASGGvVaACiiigAornPiB40svh14H1vxPqMck1npVpJdPFBt8yXauQibiF3McKMkDJGSOtYnwv+ImoeMbjXtJ1/RYfD3ifQbmO3vrC1vjewbZYVmhkimMcZdSj7TlFIdHHIAZgDvW+6a+KF8bWNh+yn+z54auY3vLW48KaLquo2ECLLJdW9va23k2oj+8TcXT20a4H989FNfa7cKa+G/2H/h3qPxM0vwZ488T2csOkeGvDul6FodjcrjM1paJDLP0wQkhn29fmkfoYxW9NygnVjutvV7fcVTjSqVIxr/Bu13S6fPb0ufS/wS+Hd34R0i+1rxA0dx4z8RT/ANoaxcRjKpIRhLdDz+7iXCLz2J71kfEaeb4b/EweOnnjsdE1XRP7B1DVLiFpoNLmhklms7m4VWX/AEfdPcK7bk2lo8kBmdPYlzupXUOjKwBUjBB6VywioRUUbYivPE1XVnu/w7JeSWiPH/hWth8Bfgzp1n4r8c6Hq1havKbbVrO1+xRzo8hZUSM3Exlk3uQNjEsWUBc9dn4J6HqFnp/iXxHqtnLp2oeLtZfW2sZwVltovIgtrdJAfuyCC1hLL/CxZe2TpaD8FPh54X8QNrui+A/DOka4xLNqdho9tBcscYz5qoG6H1q78Q/G8fw+0Gz1Sa1e7S41jS9I8uNgpDXt/b2avz2VrgMR3C4qznOqooooAKKKQ9DQBShuGbWLmAwgIkEUgmxyxZpAV/AKP++qvVxl346ax+MGkeDHsnaPVNBvNXgvAwCIbW4tYpIyOpJ+2xEem0+tdlQBU02S4kt3a6XZJ58oUY/gEjBD+KhT+NXKp6ZHcR27rdNvk8+VlOc/IZGKD8FKj8KuUAFFJXLeEPG0PirxB410uO1e3fwzq8ekySM4YTM1haXgdQPujbeKuPVCe9AHUmmnOOlPpvegDkvFXi3WtBvo4tO8F6x4jidA7T6dPZIiHJG0ie4jbPGeARgjnOaxv+FleKv+iU+KP/AvSv8A5Nr0brQc4PNZ8rfU6Y1oRSTpp/f/AJnnP/CyvFX/AESnxR/4F6V/8m11XhfWtQ1zT3uNQ0G+8PTbygtb+SB5CAAdwMEsi4Ocdc8HjpVP4W+NoviX8M/CXi+C2ksYPEGkWmqx2srh2hWeFJQjMOpXfgnviuo/nT5WuoqlWEo2UEvS/wCrZ8ffETQbLQfjdrHjW907T/GOgN4k0ay1DVtPv2tvEHha4H2fyrUq3y3WnySm1kMCspDXMjhJWClfOdI8I6L8LdaXxNbfD/wl4W0ey+Ksmn2/izw+yx66qvftCtmtskEKm3YP5TATyYiLN5LFQB9u3fwv8Hal4qtfFF54R0O58S2hJt9Zn02F72EkYJSYrvXjjg1i+H/2d/hV4T1y21vRPhn4O0bWLZzJBqOn6BaQXELEEFlkWMMDgkZB71Zznz94T0PT/BfxqsdZvbKy17R/EHinVksPHug3zxait6IrkHT9WtnGbhYFF3HDKjP5Qt0XZGpYtF+z+NK+DPibSf7U0eLUYb3w3d6ho/jbwV9ovY/FFuZ7czXN5pyI8w1EqbVnmQS+aJGBcbVRfe/G+i+BvhXdx+OofA2inxDfanpuhyapa6fBFeut/qFvZ/NPs3FA1wrlc87MV1Hhf4Y+D/BOqX+p+HfCeh6DqWoBReXmmabDbTXQX7okdFDOB/tHigD5f+ODXniDx9pXiKy8H32qX3iCXR7XwPr1xbx2N/oV1FdSveI9teNFdRI0S+Y/lQvvjV/NGxRTfCXg9PFPiLRVs5o4PE3jCLxZaeK71YTKZhDeCOJLtNwMiW7+XAiMw2xu8aFA5r6wTwlocfiiTxJHo2nr4ikthYyawLWMXb24bcITNjeY9xztzgHtRpvg7QdH8Qanrthoem2Wt6qIxqGpW1pHHcXnljbH50ijc+0cLuJwOOKAMX4S/D0fDHwZbaGp0xRHJJKYdD03+ztPh3NnZbWvmSeTH3272+ZmOecVz/iL/k6b4ef9iZ4l/wDS7Qq9VryrxF/ydN8PP+xM8S/+l2hUAeq0UUUAFFIa87+KvjDxBo954X8PeFDp9v4h8RXksEN9q1rLc2tpDDbyTySPFG8bOTsWNV8xBmXcSdu1gD0SvJ/2lf8Aknekcf8AM5eE/wD1IdOrp/hP46b4l/Dbw/4me0Gn3GoWwkntFk8xYZVJWRA2BuUOrANgZGDgZxXCftfa5H4V+CM2vzxSTW+keIPD2pzxwkbmit9asZpMZIGdkbdaXqVGLqSUIrVnJftcfE2SNNL+G2jRXF9q+vMpu7WzJWV7fJCwBuiGVlILHO2NJG2ngHvfgT8F1+Gumy6lqzRX/ivUVU3lzGm2KBAqqtvAv8MaKqKMdQi9lUL4d8BPiN8ItM1vVPiR48+L3w9l+IGvOZXtz4osimlwsAFt48y/eVQqlvRQvOCze7/8NYfBH/osfgD/AMKix/8AjtOU/aJfyrb17+vT0PRnKODpzw1F3lP45d7bRX91de717EXxUmj8L/Ez4e+NNQdYvD1h9u0e+uJD+7s2vPI8m4c9l8y3WHd2NyCcLkjidP8AgrD8Qv2gPHus+NPBPiBNBebTrjSbi611RpV89ooAaSyt7wrKfMCyJ9oh6LztIC12t1+1J8C7+1lt7n4ufDy4t5kMckMviWxZHUjBVgZcEEZBBrzAan+ye37v/haXhVdNPXRB8SZF0rH9z7AL37Ns7bfL244xjig8w9T+F8ieKvix8QfGenssnh+6t9O0KzuY/wDV3klk92086H+Jd935O7oTbNjjBPrNfPb/ALYnwh0b4g+GvDOn/Ef4fReGJtFv7ma+g8Q2axWc1vNYx21uCsmxN6XFwQp5IgO3hWrr/wDhrH4If9Fk+H//AIVFj/8AHaAPVaK8q/4ax+CH/RZPh/8A+FRY/wDx2j/hrH4If9Fk+H//AIVFj/8AHaAPVaK8p/4aw+CH/RZPh/8A+FRY/wDx2uY8I/tofCjWde8aWmp/E/wHp9ppOrx2Wm3DeI7RBfW7WFpO0ylpcMBNPPFleMwkfeDUAe+0V5V/w1j8EP8Aosnw/wD/AAqLH/47R/w1j8EP+iyfD/8A8Kix/wDjtAHqtFeVf8NY/BD/AKLJ8P8A/wAKix/+O0h/ax+CGP8Aksnw/wD/AAqLH/47QB6tRXgPw5/bQ+E/iTQbu71r4n+A9HvI9X1Syjt5PElohe2gv7iC3mw0ucSwxRSgjgiQFflIrqf+Gsfgh/0WT4f/APhUWP8A8doA9N1C3lutPuYYbmSzmkjZEuIQpeIkYDKGVlJHUZBHHIPSvP8A/hWviok/8XV8UDn/AJ9NK/8AkKqX/DWPwQ/6LJ8P/wDwqLH/AOO03/hrD4If9Fj+H/8A4VFj/wDHalxub060qatFL5pP8y//AMK08Vf9FV8Uf+Amlf8AyFVnS/APiTT9St7i4+JPiLUoI3VntLi100RygHlWKWivg9DtYHngjrXA/FD9tD4T+E/hp4t1zw/8T/AWua9pmkXd7p+lx+JLSVry4jhd4oQiS7mLuqrheTnA5rpF/au+CXB/4XH4Ax/2M9j/APHaXIt/1Zo8VNqzS/8AAY/5F/4/aRZ698L9QsNR0bWtatJ7i1V18Ou6ajaYuEK3luU+YSQMFnG35j5WAGPyn5m8Qar4suPDfh6DVLrx5dwW/jtb7T/GeneALlNal0+OyZGmu7QWMiiSNpVtxJLbxmZY9yx4Bavoxf2rvgiP+ax/D/8A8Kix/wDjtO/4ax+CH/RZPh//AOFRY/8Ax2rOQ+evC2lXGreC9bn1rRviGum/8J5PqWk+OtN0u4tvEiMlqVbUJrAQscF1ktDEtsivGy5twCxOjfW/iTUPAfg3UvEZ8Z+GfGenxasdP8f+D/CkzTyb51WNr/RUhmO27BS4kheMbXiz+4YgD26H9qj4G2sZSL4wfD9FLM+0eKLHG5mLE/63qSSfxrnPFv7Z/wAJtF8QeCbTTfid4D1Cz1bV5LLUrhfEdowsbZbC7nWZisuFBmggiy3y5mA+8VoA0PD9/wDGO/8AhzpFrH4L8J6LeS6FCrlteuLF7S7MQDRpax2UyxID0xK5TjKtjnz3wp4XsYfhb4i0L4v/AA03aZL4pvG0rT/D9nqWvSRuS2yeKSOySS32jIjuhs67t6E4r1v/AIax+CH/AEWT4f8A/hUWP/x2j/hrH4If9Fk+H/8A4VFj/wDHaALPgf4WQrZeD9b8Ti/u/GWnaVa295LLqkzRTTpHgyTQo4gmlVmYiVoywJypHFemV5V/w1j8EP8Aosnw/wD/AAqLH/47Sf8ADWPwQ/6LJ8P/APwqLH/47QAvhz/k6b4h/wDYmeGf/S7Xq9Vrwj4TfELwt8Sv2kfiPqfhHxNo/irTYfCfhu3kvNEv4ryFJRea4xjLxswDBXQ7c5wynoRXu9ABRRRQAjdDXhXiD4I69qHibX9KtZ9OHgPxJrln4k1GaS4db62ng+zl7aKERGN45WtIiZDIjJ5kmFfgj3aigCPrxzj8a898afArwl498WQ+JNTTWLbXYrMaet9oviDUNKl+z7y/lk2s8ZZdxzz1OPQY9Fboa8H8N/GzxFq3iTQdXuYtKXwH4i8QXnhvT7eO3lGoQSwfaFS6km8wxyRyvaSKI1iUoJIyXbDCjTqVGcoX5Xa+nyOiP7NPhHj/AInHj/8A8ON4h/8Ak6l/4Zp8Jf8AQY+IH/hx/EP/AMnV6mPvU+gk8p/4Zp8Jf9Bj4gf+HH8Q/wDydR/wzT4S/wCgv8QP/Dj+If8A5Or1aqerSXkem3TafFDNfiNvIS4YrE0mPl3kAkLnGSATjPFAHk+m/sreBNFt2t9Pu/G9jA88tw8Vr8QfEESNLLI0sshC333nkd3Y9WZySSSTV7/hmnwl/wBBj4gf+HH8Q/8AydUP7PvxN1X4lW3io32s+HfFNro+rHTbbxD4Xge3s73EMTyqIXnnKtHI7IWEjK2ARjBA9coA8p/4Zp8Jf9Bj4gf+HH8Q/wDydR/wzT4S/wCgx8QP/Dj+If8A5Or1akNAHkGrfsp+BNe0q90zU7vxxqOm3sL211Z3fxC1+WGeJ1KvG6NfEMrKSCpGCCQanX9mvwlxnV/H/wD4cbxD/wDJ1aPxy+L0fwb8JW2oxadNresaheJp2l6XCsrNc3DKz8iKOSTaqJI7eXHI5CEIjuVU3/gx4wm8e/DvStdn17S/Ekl15m6/0jTJ9Oh3LIyNGbeeSSWN0ZWRldgwZTlVOVABhf8ADNPhL/oMfED/AMOP4h/+TqP+GafCX/QY+IH/AIcfxD/8nV6tRQB5Sf2afCX/AEGPH/8A4cbxD/8AJ1Urv9lXwJqV1Yz3d344uZ9PnNzZyzfEHxA728pjeIyRk33yMY5ZE3LyVkcdCRXsR6HHWvKPiZ478Ux+PNG8C+CJtFsPEN9pd5rj3niG0mubYwW7wxeSqRSxNveS4TMm4+Wqn5HLAAAd/wAM0+Ev+gx8QP8Aw4/iH/5Oo/4Zp8Jf9Bj4gf8Ahx/EP/ydXU/Cvx5F8Tfh74d8VRWj6eur2Ud0bR33mB2Hzx7sDdtbIzjnGa62gDyn/hmnwl/0GPiB/wCHH8Q//J1I37NPhIKf+Jv4/wD/AA4/iH/5Or1aszxBNqlvot9Jo1ta3uqrCzWsF9cNbQSSgHaskixuUUnGSEYgdj0oA8wb9lXwJPqttqcl343fUreGS3hvG+IOvmaKKRo2ljV/t2VVmhiLAHBMSZztFXf+GafCX/QX+IH/AIcfxD/8nVU8A+NfH3xW+BfgbxJox8P6P4l17TIL+8u760nubG1ZowzLHbrNHJJuJCjMq7QSxLEbG6b4J+OtS+I/wz0bXtZ0+LS9Xl863vLe1dmg8+GZ4ZHiLDJiZo2ZCf4WXk9aAMT/AIZp8Jf9Bj4gf+HH8Q//ACdR/wAM0+Ev+gx8QP8Aw4/iH/5Or1akPQ96APKj+zT4S/6C/wAQD/3UfxD/APJ1UrL9lXwJp11e3Fpd+OLWfUJhc3ksPxB8QI9zKI0iEkhF987COKNNx5CxovRRjW+PXj7xH8NvCel6x4esdKvQ+uabYXz6nPKvk29zeRW7vEiKfMk/ejAZkAyWJbbsbO+LnxO1Hwn4t8NeHdP13S/CD6oedY8R+H7y+0+WVmCxWiTxzQQRTOQ+0STbjhFWNy+QAWP+GafCX/QY+IH/AIcfxD/8nUf8M0+Ev+gx8QP/AA4/iH/5Or1FcrgZzUtAHlP/AAzT4S/6DHxA/wDDj+If/k6j/hmnwl/0GPiB/wCHH8Q//J1eqnpXmfxO8feJPBvjz4Z6bpun6XPoHiPWpNL1K7uppPtUP+h3E8YhiVQpyYDl2fgDGxt25ADtPCPhbTPA/hbRvDmiWv2LRtHs4dPsbbzHk8mCJBHGm5yWbCqoySSccmtmvnjxZ8ePFWm/H5vBWmpofk211psY8PXVtM2ratZXPE+o20wlWNILclg6mKT/AI95MshdK+hfwoAdSUtFAHK/E/wa3xC+H+veHI7z+z7jULV4Ybzy/MEEvWOTZkbgrhSVyM4xkdawvhR4M17R9S8UeJfFcem23iPxFcwST2Wj3UlzaW0UECwxokskUTOTh5CSi4L7eQu4+j0h6GgAb7pry26/Zb+DOoXD3F18I/AtzPIdzyz+GrJ3Y+pJiyT7k1s/FrxlqXgvwzbSaNDbza5qepWmkWBvI3e3jmuJlj82VUIZkjUtIVDLu2bdy53Bnwd8cal428O3/wDbUdsmt6Pql3o1/JZIyW80sEhUTRqzMUWRCj7CzFSxXc23cWBjD9k74I/9Eb+H/wD4S9j/APGqX/hk74If9Eb+H/8A4S9j/wDGq9VopAeVf8MnfBD/AKI38P8A/wAJex/+NUf8MnfBD/ojfw//APCXsf8A41Xqh6HtXlPx8+IWt/DXQ9M1bS9Z8J6PE97FbGHxM7KdSmkdVSzgcSxrFI43kSt5gXZzGRuIAHf8MnfBD/ojfw//APCXsf8A41R/wyd8EP8Aojfw/wD/AAl7H/41XqK44HepKAPKv+GTvgh/0Rv4f/8AhL2P/wAao/4ZO+CH/RG/h/8A+EvY/wDxqvVaSgDyv/hk74If9Eb+H/8A4S9j/wDGqP8Ahk74If8ARG/h/wD+EvY//Gq52b9og6l+0JB4Csruw0fSrS5+wXN5qOn3U7apfmDzzZ2sybIIGSL5i0ru7kOiw/IXr3egDyr/AIZO+CH/AERv4f8A/hL2P/xqj/hk74If9Eb+H/8A4S9j/wDGq9VooA8q/wCGTvgh/wBEb+H/AP4S9j/8ao/4ZO+CH/RG/h//AOEvY/8AxqvSNa1EaPo99ftE862sEk5ijxufapbaM9zivIPgf8XvEPjbXLax8Qy6JfRaz4dtPFWk3WhW80KRWs7FTbyiSWTzGT5CJl2B9zfu49o3AGv/AMMnfBD/AKI38P8A/wAJex/+NUf8MnfBD/ojfw//APCXsf8A41XqtFAHlX/DJ/wQ/wCiN/D/AP8ACXsf/jVH/DJ3wQ/6I38P/wDwl7H/AONV6oa85Hj7XF+Pq+C5bHT08PSeHH1eC8SWR7uSZLmKJkdCqqiAScYLFupK4wQCj/wyd8EP+iN/D/8A8Jex/wDjVH/DJ/wQ/wCiN/D/AP8ACXsf/jVO8P8Aivx1Y/GU+GfEa6HfaJqWk3GqWM2k200M2ntDPDGYJ3kldZ96zqyyIsWDE+UwQR6nQB5V/wAMnfBD/ojfw/8A/CXsf/jVH/DJ3wQ/6I38P/8Awl7H/wCNV6rRQB5V/wAMnfBD/ojfw/8A/CXsf/jVH/DJ3wQ/6I38P/8Awl7H/wCNUfDf4leJ/FGh/ES41HQrOfV/Dmt3um2Wl6PcE/akigilhTzZtg8xzJglgign0G4z/APxxr3jvwnfXHii4t/+Ehsr97O902PRZNLl06RUQ+RLG11ciRsMJFmjk8uRJI2Tg5IBB/wyd8EP+iN/D/8A8Jex/wDjVH/DJ3wQ/wCiN/D/AP8ACXsf/jVeq0lAHlX/AAyf8EP+iN/D/wD8Jex/+NVveCfgl8O/htq0mp+EfAPhfwtqUsJt5LzRdGt7Od4iVYxl40VipZEO3OMqD1Favj7WNU8O+CNe1XRra0vdUsbGa5tre+neGGR0QsA7orsF47KT9K8m8d/G7xFofwR+Hfi22l0fRLjxH/Z41PWdUsJ7rTtIFxbNJ5kkUc0b7Gn8qBSZAAZ1JJxhgD3yiua+Hesa14k8B+HdU8R6SNC1+8sYbi+0wNu+yzMgLx568EkfzrpaAEPQ1w/xM8B6j4vGi6joGtQ+H/EuiXT3NjfXVi17b4kieGWOaBZYmkRkkJG2RCHRGyQCrdzRQBzfw98F2Xw68FaL4a095JbTTbZYFmmbLykctIxH8TMWY9Bknp0ro8A9Rmlrw346+MPF1nrk2meFtbPh46P4Zv8AxRNOLWGcXs0DIsFpIJFJEDEymQx7ZDhdskfO4A9xpaxvCeuDxN4Y0fV1iMC6hZw3gjJztEiK+P8Ax79K2aACiik+nWgBaK8a1zxdqPh/9ozwroc/jG9istet7kx+H7nRwmnyLHDuUQ3gh3Nd7keQxmfHlKx8tTtZvZaACiiigAopD0NfOnwr+Nmt+PPjVPFrH9t6D4d1Bb6HwxYrYWv9nalHaTCOaeW4Ja4M7E70TEMYj4/esGIAPoyiiigAopK4r40eKtS8D/CfxZ4g0iBrjUdN06a5hVIDMVKrkuIxy+0ZbaOu3HegDtqK8T/Zv+JS+OLjxlptp44h+JmjaLewR2PiuF7RzcLLbpI8MjWiJAzxuWGUVTtdAwyCze2UAFFFI3Q0ALRXlreJ/EUP7SkXhyXU4H8LXHhaXUIdPjswsqXKXUMZd5ixLZVzhQFA5zu4IreGz4y0X46TaTeeLJvFHh680WXUbmznsbaAaRcC4RLdYWiQP5UqG4G2ZpGzakh/vCgD1uiiigAopG6GvIPhT4o8aeINH+J8N5f6drWv6P4ivtP0nzIDZWgVYIXt4n2eY4UGTDOd7H5iB0UAHsFFeVfs/an4jvPDeq2PjG+1m88VaXqTWuoJqzWUixP5Ubr9mltLa3SWBkdZFZoxIN7K+0qVX1WgAopK5n4jXmraf4B8RXWh3lvp+rwafPNa3V1bG5jikVGZWaMOm4DHTcKAOnor5u+IfxN8U6f+zp8NPFK67qGkLqMWnT+I9c0eytZ76C3ks2d5YLeaJo2/fmIviM7IvNYKNuV9j+FGqaxq3wx8KX/iG70/UNcutMtp7y70lxLaTStGpZ4nXKspJyCpwc8cYoA66iiigAooooAQ9DXhfhj4Ia/pfiLRdJvJ9ObwL4d1+88SaXNDcSG+nlnNwy200RiCJHC13KRIsrFwkYKL82fdaKAEpaKKAErN12TU7fR7uTR7S0v9UWMm3tr+6a1glfsHlWOQov8AtBGPtWnRQB5r8K/AeqaJ4i8V+LNfstL0jX/Ez2pu9N0S5kurWP7PG0aSGeSGFpZXUjcxjTCpGuDs3N6VRRQAUlB4BrwWb9qw29r4hv5/hP4/j0fw7qDafq+pRRaZcpZsmwyOYYL555EVJFcmOJyFycEggAHZfGDwTr/iKbwnrvhVtOfxH4Y1X+0Laz1eaSC0vY3gltp4XljR2iPlzuyuEfDIuVIJxd+DvgW78A+FJrfUzaf2xqmpXms6hHp7M1tHcXM7zPHGzBWdUL7d5VS+3cVXO0bnh3xZb+Kvsl3pUMt7oN7YQ6hZa7DLC1pdLLkqqYkMm7ZtfJQLtdcMTkDfPQ4oAWiuS034i6fqfxI1rwXFa6imp6TYWuoT3M9o0drIk7yqixSNjzGXyjuKgqMgbiwZV62gBDXjvx4+D978WL7QEsbK00+e0E6jxZDrl9p+qaSJFUMLdLTyzOHAwySXEaAqjFJdoU+x0UAYng3wpp3gXwro3hzR4TBpWk2kVjaxk5KxxoEXJ7nA5PetuikNABVHWpL6HSb19Mt7e71FYnNtb3c7QRSSbTtV5FRyik4BYIxAJO09DFpGv6fr32s6fcrcrZ3MlnOyZwkyY3pkjkgnBx3B9DVHS/GdjrfirU9FsI7i5fSgq3t4iD7NFMwBFvvz80oQhyqg7VZdxBZQQDx/wr4D+LXgf9nLwf4I0uw8LP4j022h0u/mXxFdW8P2WNQpeCcWDOsrqMf6seWTkMxAz638PbXWtP8ACtnba7pWi6FdQ5ii0vw/cSXFnawr8sUaSvFEWwoH/LJAM7QOMnp6Q0ALSHoa57VPGVloviTSNIv4ri2OqbltL5kBtnmXnyC+flkK5KhgAwB2kkEV0VAHlv7RHg3xV49+H8GkeEbXR7u//tfT76T+2tRms4ljtruK6IDR287FmMKpjaAA5bJ27Wd8UPDfi74h6fN4S/sbQF8KaxZi31TVJtYn+2WxYnzFgtha7JSABtkaaMgndt+XDeoUUARrngen41JRRQAh6GvKvjL4R8X+KvE/w2vfDdlot1ZeH9e/tfUG1TVJbSQp9mnttkSpbShzi5d/mZOY1X+Pcnq1FAHzn48+Afi3xZ8ZovEcbeH5rOPVtP1PTvE9xcTR61oNvCqLc6fbRLEUkhuAjhsyxj/SpCySbFz9Er+vWn0UAFFFFABSH3paKAOR+JPgd/HnhtbK11D+yNTtbq31DT78weesFzBKskZeLK+ZGSu10DKWRmAZCQwb8M/Af/Cv/DstnPerqeqXt7PqepX6QmFLi6mkLyMkZdzGgJCqpZiFVQWYgsewooAKKKKAEPSvOvi78N9Z+Kmiz+Gf7Z0qy8H6payWWtWd1o73V5cRONrfZ5/tCRwNtzhmhlwcMBxXo1FAEMSLGqop4XgfQdKmopDQAtIehrB8Y+L9N8A+F9Q8Ray10ul2Efm3L2VjPeyImQCwigR5GAzklVICgk4AJHJeCv2iPAvj7XrPRNN1HULXVr+1a9sLPXNDv9Je/hUAs9sLuCL7QFBBPl7sAgnAIoAyZPgLcyfET+1W8TbvCZ11PE/9hGwzcDUlg8kEXXmYFucCQxeVu8wZ8zaSh9irO0XVoNe0u01C2juobe5QSRpe2strMB6PFKqyIevDKDUusatZaDpN7qepXcNhp1nC9xc3Vw4SKGJFLO7seAoAJJPQCgC5RWF4N8XaT8QPCukeJdAvDqGiatbR3tldeW8fmwyAMjbXAYZBHDAHmt2gBk28wv5bKkm07WZdwBxwSMjI/EV5Z8FPgJpHwhvNf1eK10QeJfEEscmp3eg6JHpNowj3eWkVuhcgZeR2aSSR2eRiX2hET1aigAooqobyAXgtPPjF2Y/MEG4b9gOC23rjPGelAFpuhrzu6+HWtTfHSw8cx67Yx6Rb6JLo76O2lu1w++VZTILn7QFX5o4/l8k8BhnkEdZr3irS/Cq2H9p3Yt21C8jsLSMK0kk875wiKoLHADMTjCoju2FVmGwDQB5f4F+H/jvQ/Hep654g8ZaFrNhfMzNb6f4bks7oooIgga4e8mHkxhnYKsaEu7MW+Zw3qNIehrJ0PxNpniKTUI9Nu1uJdOu3sryLBSS3mUAlHRgGXKlHUkYZHR1JVlJANekPQ0tFAHlvgP4a+K/A8XxCkXxRo95f+I9Wm1fT5DoUyRWEjxogSZPtebgARxn5WiJ+bkAjb03gLwrf+GbW/uNZ1OHWde1W6F3f3dnata2xcRRxKIYGkkMaBIkGC7kncSecDrKKACkpaKAMLxpot74k8I6zpWn3kOnXl9Zy20V1c25uI4WdCoZoxIhcDOcB1z6jrXmt78D9euvhL4I8Kp4o0p9V8MxxwG4vNBefS9RiW2ltTHcWJugzKY5c4E4w6BuR8lez0UAcr8MfBCfDX4feHPCsV9PqUej2MVkt5chQ8oRQuSFGFHHCjgDA7V1VFFABRRRQAh6V598Tvg5pfxQltZ7zUtV0maK3nsLiTSZY0N7YT7DPZyh43/dyeXHlk2yLt+R0y2fQqKAK9pbRWdvFBBEsMESiOOOMYVVAwAAOgAFWKKKACkPSlooA4j/hWQvPHcHiTVfEmsa3HZTtdaXo12tqlnpszRNC0kXlQJK58uSVf30kgHmMQAcEdvRRQAUUhrm/Hvi//hAfBereIjpF/riaZbtdSWGltALh415cp50kcfyrlsFwSFOMnAIB0jcqR0rzPwf8BtD8F+MBrlrqOrXcNu93Jpej3k0bWektdSCS6NuFjEh8xxn968mwFlj2KxFZXg/9o6w8Qa/4c0jWPB3ijwRJ4mgM2h3OvR2b2+okReaYkktLmdY5fLDOI5dhZVbbnaQPUdFv59W0u0u7nTbrSJ5kDyWF60TTwH+65id4yR/suw96ANGiqWtarDoOj32pXKzPb2cElxIttA88pVFLEJGgLO2BwqgkngAk1ifDXx5YfFHwD4d8X6VDdW2m65ZRX9vDeoqTpHIodVkVSwDAHkAnnvQB09Z+tafPq2k3VnbajdaNPNE0aX9ksTTW5IIDoJY5IywPIDIw4GQRxWjRQBzfgfwRY+AtIawspLq7mmma7vdQvpfNub24f780r8AscAAABUVVRFVFVR0lFJQAtJWUviDTX8RHQheRnV1tBfPZjO9YS5RZD6AsrAZ6lTjoapeJvGln4XvNGsZYbm91LV7tbW0srJA8jdDLK2SAsUaZd3YjgBRud0RgDJm+F8c3xcs/Hw8QavHdW2lvpH9jqLX7C8LyCQs2YDNu3Kh+WUD5AMYJBz/BPwhvPB/iu+1ub4heLPEUd5PJcvpmqfYFthK6qobMFpFKwRFCKryMoAHGQCPSPfpRQAtFc94b8Y2PiLUtY02Nbi11PSJxBd2V2myRVbJimGCQ8cigsrqSDhlO143RehoARvumvOfCXwhfwbb+N0sfGXiFp/FGoS6m11Olg0mnXEiBC1sBahcBVTAmWUfux1y2fR6KAOa8EeDYvBWnzwnUb3W9RvJvtN9q+peV9pvJdioHkEUccYwiRqFRFACDjOSeloooASsfxXoH/CVeGdU0Y311pa39rJateWPlmaJXUqWTzEdNwzkblIyBkHpWzRQB5ZJ8Cbb/AIQHwb4at/FniKyvPCez+yvEMBs/t0W2GSABla3Ns/7mV4zuhPGG4cBq7DwL4N074ceDtH8MaMJV0zS7ZbaD7RIZJCqjqzMclj1J9SenSujooAKKKKACiiigAooooAKKKKACiiigAooooASvlfwT8Zf+EPj+J6W/gTx7rWs6v4puLnSNNXwdqdvHfLJDbRRs1zPbpBDHvRtzyyKFVS3TGfqmigD4I8O/BCT4f+HdS8Ea5B4nkvl8B6Fa399Z+GrzXtL+0293PJJAkMkTQ3EC+fGHt4judN5VQ+4itceH/C9r4n+En/Cf/D/UrrSJtI8TWn/CO6Hous3NhPEt1avBL/Yrq8ltGS5IikiKxMIAG2wwsv6AVyOr/DPw/rvxA0PxleRXx8QaLby2tlNDql1DDHFLgyK1ukohk3FUzvRs7E/uLgA+PRpureGfClj4f8ZfD3xF44uY/CHh+yu7G60nUryyVo9QmcpcTW0Mouvs6TQtJAnmGTYyncN7Ct8L/Dv2XwX4V0n4jfD7VvEPw20/UPEljLpC+CNRMFvcS3wuLC4TSjHJKLf7OZkjdVkEJkCFlYkj75ooA+J/GHwdt9c+Ifhy3Wz+IOmaJp+kaYPAiWemRXIs5IXYvHPe3Vnc3GmyHEBd3kiLx4Rt7ReWOa0X4S+GG1jw5JN4F8XXM9z8UdVW+vNQ0TWZZn0maO6wk00sZb7HNJLbeYrN5Mu6QybsS19+0UAfnw3w1bxp4P8AC2h+IdH8e6P8PbW78RWdhYaP4OWWW0nbUnewY2l3YTPbqbRgIrlERYcMvmRliKuax4Bg8P8Ai3xbrk/hPxtqfiu08Y+FLmDVptJ1bVJVEf2QahNbTiDYV8uG4SR4FVGQKm0KY0r77ooA8G/Zg8H6R4LuviVaWfhR/Duqy+Kb+4ubltElsxfW7zyPbOtw0arcqELH5GfZuIOCcHynxp4fh1z9lnxTot/Ya/qWuWfj65e/s/D8d/LemX+2zch3WyzKR9leOZTjAUxMAGCY+zuvFZFt4b0y18QTa5BZpBql1CltcXERKefGmSgkAOHK5IUsCVDMAQGOQD4m1X4f+H/C/irxpf8Ah/4feIbSfS/iF4duNBa08Kam0NpakWX9oT2aiArGr+ReefJEAZMIJC26IGnovwl8Lyax4bkl8CeMJ57r4o6qt7eahoesyTPpE0V1hJp5ULfYppJbcyK7eTJuk8zd+9NfftI33T9KAPkPQbWaP9lez0Ky0jUtEvE8drbaHpt9plxpssUI8QfaLXyYZkjcRLa7XGBgIjL/AAsK+ux61lXHhbS73xJZa7cWvn6pYwyQWs8jswgWQjeUQnarMAAWA3Y4zjitegAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigApDS0UAcH8brw2Pwf8ZSC11C+km0m4torfTLCe+uJJJYzGgSGBHkb5mH3RgDJOACR8661ear8W9B+E2i+HvD3jDQJPBkcesav4lvfDl3p82neVp08H2ezjubcNdTu8mAsccqYU7gcqrfY1FAHxD4O1LxzcWvwLu9SPxB1TWI9I0u31XR7+01/Tws/nulxdTXcS/Z3kUqPMg1CPbJGFZJI9xL0/g3q3irUteSe38S/EjxLq2jeKfEdtr9xq9vey6XNo0T3iJHEqxLaTTib7NsW3BmUl0AESeWn3S33T9K5D4b/C/wAPfCXR7rSvDMF7b2V3fTahMt9ql1fsZ5WzK4e4lkYbmyxAOCzM2MsSQD4d8N6x410Pwh8F7e00f4leH5vD+meHUuoYtF19oZlS98vULc2dvCsKlYlZnkuzIWRVWGL5xKfY9LHjFm8aTafN8QYvi+thrca2t+t4/hmRi5NhLCZlFmMIsAjW3YSfvH84MwkZfq+igD4R0PR/HP8AZXgeG88YfFTUNButcvJNRtrPw/remSw2v9kyb4pXuJbm+IFwsex/OVS87iHOxTFJ4fvfi7H8L/EVrb3HjqTXtQ8G+G9Tu7jWNP1GWWO6aeVNYW1XMRSdbfy8W8EkUhKhlxIzPX3VRQB8O6boPjK48WeBdK1zxp8VtV8KPoGuSXUum6Lq+kRyOJ0ls0lfMt7HIFWVE8+4Ezi3jXkTMJ9n9mnRvEN18WvBXirxhZ+OF1nUPh1p1pLdarDqkVudRhluUu0uo2AhjfaImAmVdzN5ibmYsfsmigDxX4kecfjJaeddalYxf8IXq39m3OnwrNNFc+bB5rwR7HLziPYVXY2QGAU8g/NfgyT4j6NpOg6ld3vxYur6xsPBt5eRXttq0wkvJbpk1cNF5WJAlqEDxAFFJLlfN+evuXXPDmm+Jm0/+0rOO5exuor61k5WS3nUNh0YEFTgspwfmV3VsqzA7HSgD89rm1+JieHNXmh1j4v3+rLoviq9hknttUiae7t9SH9jL5aRIilojI4jjVfMXCuGiCoPrHwxeJqXx6v7uxSVYp/CVhLqKzQtC4ka4nNt5iMAyybPPyrgMBtGBg16u5wjH2rJ8P8AhXSvDDak2m2gt5dQvJL+8mZ2kkuJ3xl3diWbChUUE4VERFAVFAANiiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigBDXFfGKLUrr4U+K7TRtGu9f1W802e0ttOsZYI5ZXlQxjDTyRxgLv3Hc4O1TjJwD21FAHydqngnx98XdA+HnhzVvh/q/g7QPBsMeo3015qdiNQ1K6ispbeK2sTaXT+VlpCTM8kJX5QuMll5Lwf8AAvxlY2vwKkvPhteSeIPDOkaXpt/NrQ0jUNPsVhnfz2R/tQuba5UBZFntTIsgMayxsUAT7epG+6fpQB8FfAP4V3l5rB1jw74H1a1vfDnjHxRJceMJ9St7iTWLHzr2FdMjeW5adt0rxMVnWOIPFJLv3tubOtPgh8Sl0X4R/bPhFqK6v4PsfD6Je2dxo012klpfFruFrie+/cRNCpZVtUDyl082UKGiH3L4L+Hvhb4d6bLY+FPDekeGLGeY3MtrothFZxSSkKDIyxqoLEKoyecKPSuioA+UNL+CviEN41htvBEug/Eq9sNbtY/irHqECxX63Ll7XeI5muZHQfZ1CzQhIBC4ibaEV/P9D/Zd1C10rwNBN8OfFV9pFtrl5qGp+H9Y1LQ47aJH0mS3dBaWLwWjxyzeRjKszETNII/MbzPu+igD4U8P/s8/EbT/AIX+IfD1t4Y1LRLzVvB3htNSkW+06VtU1G1nlOpW7tJJMryzQMkSyTI0TKoRzsULVnTf2X7iPxZ4Fi1L4b+KfEng/T9A1y3uNN8QatpUkMEk86T21vLZQTxWYAeOTakMTxputSW/dAw/cVFAHyB+zX8D/EHgn4ieB/Enin4eGDVI/ANjoF1rc72E9zp9/avcJIZJFneQiWEworxeZlQqvsxgep/E+zWP4uWMmoQXM1lrXhPU9CsRa3Zt5ZbxnimNtDJvQRyyxRsytvU/uGO5dua9rNVL6xttThEF5bxXUIeKURzIHUOjh0bB7qyqwPUFQR0oA+DfBn7NPjHwnpehXMPwvv4NZ0jT/BriSLUtPMjX9rds2rTIxuz+8+zbYfNYqzoPLUlABVO4/ZV8VN4b1eC2+GGpjUptF8VeRPfaxZTzPfT6kJtG3yteMzvDFvdHckRPIWBDszV+hH/6qVuATQB5L4Pun8Q/HLVNQhhkgGneG7PT9USR0cxXryvOts7IzJ5sUb7mCk8XCHJDKT63VLTNJstHhaCwtILGCSWW4aO2iWNWlkcvI5AA+Z3ZmY9SzEnk1doAKKKKACiiigAooooAKKKKAP/Z)

**Figure 2.** Load vs. displacement curves of single and double bolts joint configuration. (a) and (b) On-axis thermoplastic SBSS and DBSS lap joint configuration, i.e., (0°) and (90°), (c) Off-axis thermoplastic SBSS and DBSS lap joint configuration (45°), (d) and (e) On-axis thermoset SBSS and DBSS lap joint configuration, i.e., (0°) and (90°), and (f) Off-axis thermoset SBSS and DBSS lap joint configuration (45°).

In the case of thermoplastic and thermoset 3D woven composites, thermoplastic 3D-FRC bolted joints show a higher ultimate bearing load and displacement at peak load. Despite the higher ductility of the thermoplastic matrix (see Table.4), the thermoplastic 3D-FRC joints show higher bearing loads at stiffness loss compared to their thermoset counterparts. This improved performance of thermoplastic 3D-FRC joints can be attributed to a stronger interface and higher toughness of the thermoplastic matrix 29. In SBSS and DBSS lap joints, the on-axis DBSS lap joints ( and ) shows nearly two times higher peak bearing load and bending stiffness *k* compared to SBSS lap joints. In contrast, the off-axis DBSS lap joint depict up to 33% higher bearing load capacity, compared to single bolt joints. The better joint integrity provided by two bolts accounts for the improved performance of the DBSS lap joint.

On the effect of fibre orientation on the bolted joint's performance, the on-axis configurations showed nearly a similar response (ultimate bearing strength, stiffness loss, and displacement at peak load), due to the same percentage of fibre content (i.e., 49%) along both directions. The on-axis configurations show up to 65% (double bolt) and 15% higher (SBSS lap joint) bearing loads compared to their off-axis counterparts. In the case of off-axis configurations, the load/displacement curves showed the lowest bearing load at stiffness loss, followed by an increasingly non-linear response until the peak bearing load. Also, load/displacement curves showed up to 67% higher displacement at peak load and two times lower bending stiffness (see Fig. 2(c)-(f)) compared to on-axis configurations. The lower bearing performance of off-axis configurations is due to the shearing out of ± yarns instead of bearing failure (discussed in Section 3.1.4). In terms of the energy absorption capacity of the bolted joints, the off-axis SBSS configurations showed higher energy absorption, whereas, the off-axis DBSS configurations exhibit lower energy absorption compared to the on-axis configurations (see Table 4). This reflects that the off-axis DBSS configurations are not suitable for superior bearing performance. Among, SBSS and DBSS lap joints, the on-axis DBSS configurations showed up to 120%, while off-axis thermoplastic and thermoset DBSS lap joints showed up to 63% and 17%, respectively, higher energy absorption compared to SBSS configurations.

**Table 4.** Summary of SBSS and DBSS lap joint test results. (Values in the parenthesis represent the standard deviation of three tested samples for each configuration). = Fibre orientation.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Cases |  | Bearing load  (kN) | Bearing strength  (MPa) | Shear lap strength  (MPa) | Energy absorbed  (MJ.m-3) | Primary stiffness  (kN/mm) | Secondary stiffness  (kN/mm) | Tertiary stiffness  (kN/mm) |
| Thermoplastic  SBSS |  | 8.6 | 430 (5.0) | 438 (5.0) | 65 (3.6) | 1.46 | 0.76 | ----- |
|  | 8.0 | 402 (8.5) | 410 (8.5) | 55 (1.5) | 1.53 | 0.75 | ----- |
|  | 7.3 | 369 (2.0) | 377 (2.0) | 72 (3.0) | 1.39 | 0.59 | 0.10 |
| Thermoplastic  DBSS |  | 15.6 | 392 (3.5) | 400 (3.5) | 125 (3.7) | 2.62 | 1.43 | ----- |
|  | 16.5 | 413 (3.1) | 422 (3.1) | 140 (1.5) | 2.65 | 1.56 | ----- |
|  | 10.3 | 258 (1.5) | 264 (1.5) | 117 (3.0) | 2.05 | 0.88 | 0.17 |
| Thermoset  SBSS |  | 7.5 | 376 (3.8) | 384 (3.8) | 51 (1.6) | 1.75 | 0.88 | ----- |
|  | 7.1 | 358 (4.0) | 365 (4.0) | 48 (2.8) | 1.72 | 0.90 | ----- |
|  | 7.5 | 377 (4.6) | 385 (4.6) | 79 (3.5) | 1.29 | 0.57 | 0.19 |
| Thermoset  DBSS |  | 14.1 | 353 (3.3) | 360 (3.3) | 107 (3.1) | 2.52 | 1.55 | ----- |
|  | 14.2 | 354 (7.5) | 361 (7.5) | 118 (2.1) | 2.86 | 1.50 | ----- |
|  | 9.7 | 244 (3.3) | 249 (3.3) | 100 (2.0) | 1.90 | 0.78 | 0.27 |

**3.1.2. Comparison of ultimate bearing strength and stiffness loss strength**

Figure 3(a)-(b) shows the comparison of ultimate bearing strength (UBS) and stiffness loss strength (SLS) in SBSS and DBSS lap joins. Overall, the on-axis thermoplastic 3D-FRC joints showed up to 15% and 37% higher UBS and SLS, respectively, compared to thermoset 3D-FRC joints, which is attributed to the higher fracture toughness and better interface properties (see Table 1) provided by thermoplastic matrix. Whereas, the UBS of off-axis SBSS and DBSS lap joints is 52% and 17% lower, respectively, compared to on-axis configurations. The lower UBS and SLS of the off-axis DBSS lap joint are attributed to their little resistance to deformation, which is primarily due to the rotation of ± 45° yarns (also called the scissoring effect) and kinematic incompatibility between yarns and matrix, which resulted in the development of in-plane shear stress along the yarn. As a result, progressive debonding occurs between impregnated yarn and the matrix interface, leading to a complete failure at the bolt-2 hole front tip.

A graph of different sizes and colors

Description automatically generated with medium confidence

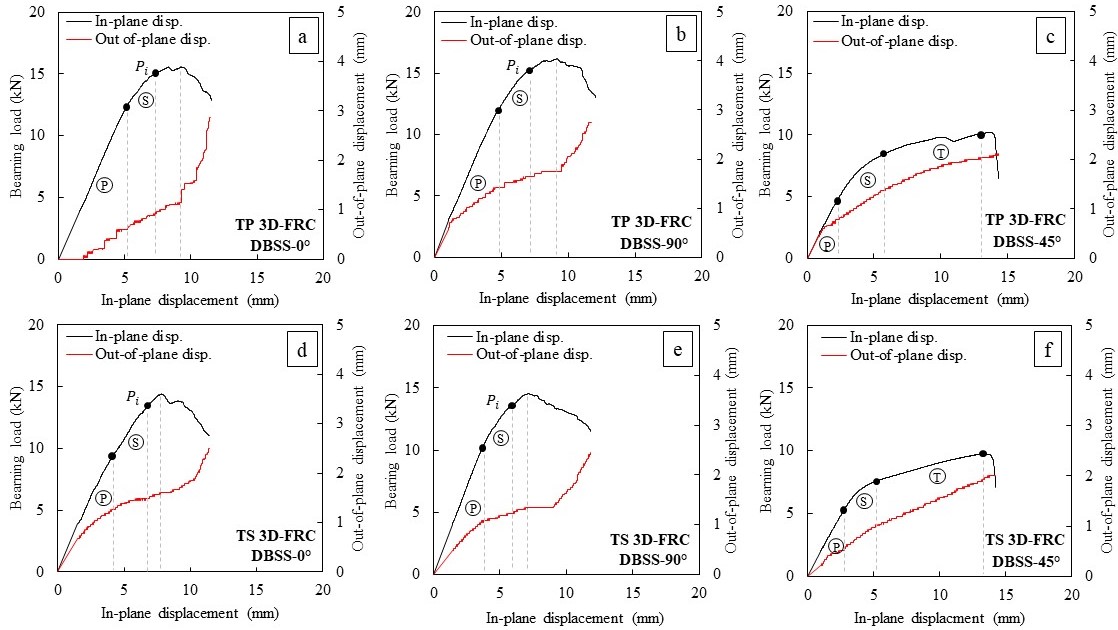
**Figure 3.** Comparison of ultimate bearing stress (UBS), stiffness loss stress (SLS) and out-of-plane displacement in SBSS and DBSS lap joint. (a) UBS and SLS in thermoplastic 3D-FRC, (b) UBS and SLS in thermoset 3D-FRC, out-of-plane displacement thermoplastic 3D-FRC, and out-of-plane displacement thermoplastic 3D-FRC.

The SBSS configurations illustrate similar UBS for on-axis and off-axis specimens, however, the SLS of off-axis specimens is lower than that of on-axis specimens, particularly for thermoplastic 3D-FRC. The reduction in the SLS of thermoplastic 3D-FRC is 16% compared to its thermoset 3D-FRC, due to the higher ductility and viscoplasticity of the thermoplastic matrix. In DBSS lap joints, the off-axis specimens showed the lowest USB and SLS, compared to the on-axis configurations. Also, among all configurations, the off-axis DBSS specimens failed catastrophically, without significant energy absorption. This study highlights that the SBSS lap joint is a suitable choice for higher energy absorption, a similar conclusion drawn by Warren et al. 20. However, the off-axis DBSS lap joint configuration is not suitable for better joint performance, due to the detrimental effects of secondary bending and yarn rotation.

**3.1.3. Out-of-plane deformation in SBSS and DBSS lap joints.**

The single shear lap joint undergoes out-of-plane deformation (also referred to as secondary bending) due to an eccentric load path, which resulted in a non-uniform bolt-hole contact pressure along the specimen thickness 44. Out-of-plane deformation not only affects the joints performance and failure modes but also reduces the ultimate load-carrying capacity of the joint. The comparison of out-of-plane deformation of SBSS and DBSS lap joints at failure initiation and at final failure (20% load dropped from the peak load value) is shown in Figure 3(c)-(d). The graph clearly elucidates that the out-of-plane deflection at final failure is higher than at ultimate load. Also, the DBSS lap joint showed higher out-of-plane deflection, this may be due to excessive stress concentration at bolt-2. Among on-axis configurations, the fill-loaded specimens showed the lowest out-of-plane deflection, whereas, warp loaded specimens underwent the highest out-of-plane deflection at the ultimate load and final failure. The out-of-plane deflection of a joint primarily depends on the reinforcement orientation in the joint. In warp-loaded specimens, the load-bearing warp yarns are close to the neutral axis (near the centre), which offers less resistance to bending deformation. Whereas, in fill-loaded specimens, the fill yarns are away from the neutral axis (on the surface), offering higher resistance to bending deformation 33. Thus, the thermoplastic fill-loaded 3D-FRC is the suitable joint configuration, due to its lower out-of-plane deformation and better joint stiffness.

The comparison of out-of-plane deflection and bearing load with respect to in-plane displacement for SBSS and DBSS lap joint is shown in Figure 4. In on-axis configurations, the out-of-plane deflection increases gradually with the bearing loads until the joint reaches the stiffness loss point (i.e., the end of the primary segment). After passing the stiffness loss point, the out-of-deflection decreases due to a decrease in the joint stiffness (discussed earlier in section 3.1.1). This decrease in the out-of-plane deflection continues until the joint reaches the ultimate bearing load. After reaching the ultimate bearing load, the out-of-plane deflection increases rapidly, due to significant bearing at the hole front tip in the form of plastic deformation (thermoplastic 3D-FRC) and shear-out cracking (thermoset 3D-FRC), highlighted in Figure 5. Meanwhile, in off-axis configurations, out-of-plane deformation demonstrated a nearly linear trend in the primary, secondary, and tertiary segments, owing to progressive damage caused by yarn re-orientation, yarn/matrix debonding, and matrix damage (matrix cracking or plastic deformation), as shown in Fig. 5.



**Figure 4.** Load vs. in-plane and out-of-plane displacement curves of single and double bolts joint configuration. (a)-(c) Thermoplastic DBSS lap joint configuration, (d)-(f) Thermoset DBSS lap joint configuration.

The in-plane and out-of-plane rotations in SBSS and DBSS lap joints significantly affect joint performance. Therefore, in this study, it is ensured that the top ligament, bottom ligament, and bolts are in line to avoid in-plane rotation of the joint during loading. Nevertheless, in lap joints, out-of-plane rotation is inevitable. The extent of out-of-plane rotation depends on the joint configuration, i.e., SBSS and DBSS lap joints. Compared to the SBSS lap joint, the DBSS lap joint configurations investigated in this study increase the overlapped region by twofold, as both bolts are present in series (i.e., 6D to 12D). This increase in the overlapped region increases the out-of-plane deformation ( and ), as shown in Figs. xx (a) and (b). However, the presence of the second bolt reduces the stress concentration at the bolt-hole contact region and improves the overall joint stiffness. Additionally, it increases the contact area between the bolt and the hole wall due to the presence of the second bolt. This extra bolt-hole contact area enables the joint to handle higher loads by reducing stress at the bolt-hole contact region. Consequently, failure initiates at higher loads compared to a single bolt joint.

Fg. Xx (c) shows the condition of the bolt (thermoplastic DBSS 0° configuration) before and after testing. No plastic-deformation was observed in the bolts after testing. Therefore, in this study, it is assumed that the bolts are rigid due to: (*i*) the Young's Modulus of the steel (200 GPa) is 7 times higher than the 3D composites used in this study (26 GPa); (*ii*) the bolts used were 12.9 grads; their yield strength is around 1100 MPa, which is significantly higher than the polymeric composites used in this study; and (*iii*) the surface hardness of the steel bolts being an order of magnitude higher than the hardness of the polymeric composites with which they are in contact.

![A diagram of a bolt and bolt

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4UXuRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIzOjA4OjI5IDE2OjMwOjQxAAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAMwMAAAkpIAAgAAAAMwMAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMzowODoyOSAxMTo1MzoyMgAyMDIzOjA4OjI5IDExOjUzOjIyAAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAANEIAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgBAAD9AwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A9/ooAKKACigAooAKKACqdrqtjevKlvco7xHDr0I5Zeh91YfVSOxoAWLU7KeDzorlGjDbMg87sZxjrnHbrT7S9tr+Iy2syyKrFWx2I7EdjQBYooAKKACigAqC7uYbeEedIqGRhGgLYLseij3NAHKafpviuCxMU95uLJzmUM2fKRTyckAsHIIbOSCeDgW30/XxpNtELyV7lDIJT5ijflwVycdAuemD0oA1dBt7610iGHUZmmulLbnZgxxuOOQPTFaVABRQAUUAFFABRQAUUAFFABRQAUUAUdR1JbHyoo4zPdznbDArYLdMknsozknt7kgHNj8H6bHNLMHnLzOzycqA25nY5wvPMjc9RxgigCePwzYxWMtorS+XJKZiSVzuK7fT0q1pOkW2jQSw2zSMskhkYuQTkgDsB6UAX6KACigAooA5nSPFEt/Bc3M1rIsPBtlSMlpDtLbOCQWxt9OSRjirOhwXt+I9Z1m0a0vnUiKyaQOLVD2yOCzYyT6HHGDkA3aKACigAooAKKACigAooAKKACigAooAKw7nW5rbWZbdoGa2hQs5VcnAUEnr6sB09aAJdG0eXT5Lu5u75r67uZWfznTb5cZOViUZOFX/APXWvQAUUAFFABRQAVDdqzWkwSRo2KHDquSpx1AHWk9iotKSuVNQljt7nTnaESSST+Srk4KZViT/AOO1o0yQpGdUGXYKOmScUAYOraNcX1611b3nkxtBsPzkZxyMEDI68kHGOoPBFaw0XWojbySa40yx+TvXzGZW2jEnucnLdepweByAbelRTwadHFc3K3Eylg0oJOfmPc9x0P07dKu0AVrq8S0e2R0djcSiJduODgnn2wpqn/bkRVSltO5ZmQquzKsu7IPzdfkP6UARjxJZmxu74xTi1tbb7U0u0HdGV3AgA55XnpTf+Es0jblpbhcMyf8AHrKeQeei0AbdFABRQAUUAFFABVLyFuzeQXi29xA0g2xMoYBdqnDA985P5UDVrMNIvV1DSba7SIRLImRGD90dMVdoEFFABRQAVT1W9OnaXcXapvaNMqpOAT0GfahAcudS1eTl9TZCeohhQL/48GP61FNc38kLqdSugWUjcCAR+QFdfsI2Mo1XzJmTqqyySab5l3evm6H3rmT+4/bdxVptMsJDmSzgkb+88YY/meaqMIroRKTudj4dkaTQ4C7s5VnjyxycK7KOT14FGs6XPqccaRXRhCkEj5sEhlYHgjP3SPxz2rjlozdbGT/wit99oimbWblykbxnMrjhlA4IboDzznp+RF4fnnaZ7bWpPJdpI3jjkfYGMpZjgNww5T8/ekMI/DGpR6f9mGt3G4SblcSyDC+bv2fe6bflz1/DiuiEi2OniS8nULBFmWZzgcDljn86AM+2jl1rdc3sJitAwa0iOUlGMjzGIPG4HheoHXk4FuTSLCQMGtkAZt7BSV3Hbs5x1+UY57UAPOm2bLcI1ujJcp5cyHlXXGMY6YwcVUj8OaZHJK32YOJG3bH5Cnvj69TQBq0UAFFABRQAVy15rt+2oXENsYYYIX8sFk3OxHU9cAZ4xg9M98VdOHM7EylZXKz6nqr/APMQZP8AciT+oNVGlv55XFxql3IvGAknlEfXywtb+xiiFU0dzL8PQg6DZlpJ3ynSSZ3HU9ia6Xw8TBrPlIzCKWFiybjt3KVwcdjgnp149BROEVDQmMnzHWUVym4UUAFZ+vRmXw9qUYHLWsoH12nFC3A5QEMoI6EZoIyMeteicpk3qi3i0hHZgI7hFLSEZ4jbqemav/b7POPtcBPoJBWalGK1Zc7yk2ka/hvWbS3sbqGabAjuW8sBSxZWCvkADJGWYfga3bPV7S/maGAziRV3ES28keR043KM/hXDKrBzsmbqLUbsrarczXNwukWUhjnlXfPMoz5EXQnPZ25C/ieduK0ra2hs7aO2t41jhiUKiKMAAUwI9RuHtdOuJ4ynmIhZd4yM/QEZ+lcpEumeInhh1TV4NRis7lbqJoJDEvmh32g4bJwMcZ9M5oA7SigAooAKKACigAooAK4e7Qpr+rA9DOjKPYxR/wBc1tR+IzqfCNqJQwuXJclSi4XbwDk5Offj8q6mZxtZmf4fdF0CzBdR8nc+5rSsdXsLPXrNpr62jDb42LyqMAqTzz6qB+NZVJRUNWOKfMdSfEOmAZFwzp3eOF2QfVgMD861K4ozjLZnQ01uFFUIoaxePZaZNPDJGsiYOXG4Abhk4yOgzXJz67BLvjm8RXgVgQyR2yBSPqYz/OuXEVKsWlTRrCMWveIUbS02RiHVZCVJVm8xQwGOhyB3FDPZkbRo97Jn/nrcDafr+8P8qmNPG1lduwnKjDSxkXsMEVzprQ+HNKtyLwDcrAsflfriP8etbdzq+oweSka2cauWBZkZggWNn6AjP3cfjVPLZuN5zD6wlKyRppY63NEnm6laQsQCwhtCSCR2LOR+nNVbm3u9Jxc/23e3N7MPItoNkCh3bnA/d5x8uSecAH0rOlh4U5cy3NJSclZmlp2lGzhdprqea7nbzLibzSvmPwOg6AYAA9BirbWsbghmmYHqDM5B/An+f0NdHMyVFEUel6dFJ5kdhao45DLEoI/HFRSwyHSr6EyM7ES7S6lcA5IA9hnGe2PSlcLG+jB41cdGAIp1bmIUUAMllSGJ5ZWCRopZmPQAdTUH9pWn/PX/AMdP+FFwsJ/alj/z8xj6mk/tbTv+f63H1kFK6HZif2xpf/QRs/8Av+v+NH9saZ/0EbT/AL/r/jTFY5+PX5ri4uVOqW6qkzqiW0W5tgb5SSS2eMdhVS8NoZZr24vdQPyZkZLYkBV7/LH2rgliMQptQRuqUGtSjJ/Z0uGW31i6HUFJmh/Qun8qfEtiCB/YTMSM5vJBIfzJb+da+xx1T4pWI56EdkVPDsoTQLMJpFkfk+8z4J5P+wa1LB9d1K3WW0bS7KJo0cboHmILLuK8MmSMioq5e0uacrlQrpu0UXjo2p3MDw3ushkkQqwtrRY8gjtuL1sEXB/5fZvbCp+H8P8A+uro01STURy97cjktTN/rbq7b02zGP8A9Axn/Pemrp9sPvRmb3mcyn83J/zwa05mLlQ9bS1UYW3hA9kH+f8AODUqqqDCgKB2AwP8/wD6ulIZzviS8S31bSLcg77nzlU47BQx/kPpUNehhvgOOv8AGZV8qJLp4TGPt2Tg55KuT/On642zTg4VmImiXCgk4Zwh4Hsxq5aQYNuVRXOmTX4Psd1c3NvcWqwCRts6gNIqjJZRnkY+lR6KW1Xbrk6SxmdMW0EowYYjj7y/32xk/QDqOfLi7q56FWn7OfLe5tf5/wA+v9frR+v+f8/yNMzD/P8An/Psao2toYZ9RJlmYXEwkAfhU/douE/2crn2JPagDV09/M021kIxuhRvzAqzW5gFFAFHWv8AkA6j/wBe0nf/AGTTf8+n+f8AJFZzNIB/n/P+fcUf5/z/AJ9xUFh/n1//AF/1+tHX/Of/ANf9frQAnX3z7/5/+v0NVdTZU0m8ds7RA5P02n/P6GhAcvp8wudMtZ1+7LCjj8QDUrR5njk3MNoIwDwc46/lXrbo4Iuz+8oeHv8AkAWf+5/U1c8I6psimtHtbnH2u4Tz9mI1WNsDLfTFcuKdoI6cJT55tXtodgCGGQcg9+uf8/8A1xS/5/z/AJ9xXGbh/n1//X/X60nX3/X/AD/X60AL/X3/AM/54NH+f8/59jQI4vxk0Ta14dlWVN8N0+VDckNGyY/Nh9MVar0MN8Bx1/iMm+2C5swu3Ivxu2tk5MbHn0PtV2/GbKT5c4wwHuCCPT+daW91pCbammx7WYnkWb7E3nQO4SUQJuRl4JBaQjqOvr05q7b3mu21okAshdSKOZ726WMk9TkRowGO/wCHOa8qNJpnrYjGRqxUbO66t3Jludfc4aLTY+uSHdyO+DkDt16fnT2/taTg3kSDP/LOLBPHffn8R6cmteRHFzsVY7vH72RrhuOWmePPH+xgfmOnJxUUMMqXs0n2SF/NSPIa4d143DjPOT79QM9KpRSE2zQj1G/ijSKKysvLVQqqszKAOmANnT09fpzTv7W1Lj/Q7Tt/y8N/8R+Xr245piLOnajd3V08NzawQ4TerRXBkzzg8FR+fNadAijrX/IC1D/r2k/9BNM6e2Pw/wA/0+lZzNIB/n/P+fel/wA/17f57ioLD+v+f8+vUUnX3z+PX/P4/WgA6/j+PX/P4/WqesFV0TUGYgKLaQkk4/hPf/PoaEBx3hwj/hHNPQMG8qBYtwPB2fLn9K0JEDSxNhsqxIwRjoetetvFHDF2kUPD3/IAs/8Ac/qajNvI7XdumnPcxSSvn5A45VWbG6ZAOX9Op71zYqHPTSOnBVvY1HI2NKj1WxchIttqsYSO1nkSJUwfmPyBun14PqTitVrrU9rfuLRDz96ViBg9/lHbk+n14rjjTaVmzor141J80VYgb+3HY5vrKNechLNi3r1MmBnr04HJx0pPsl83+s1m8ZjwQiRKM9eBszyOxPucVagjDmYPpxl/1l9fuTnG24ZM5HbbjPH59TgVCfD+mS8y27XOcc3Erz7vT7xOR9evsBVWQrsranp2mWOm+bBZWsBWSIK0caDAMi45x0J446npwKWuuhsznq7mRqAjW+swu0ObtHcDr/q3AJ/75/SrupZ/su7KjLCFyB74NaK1nYU73Vzb06dLixjuo2zHOWnRt3VWYsDn2DD6Z9TVr7vtj224x/IDr/s9Tya4ToD2x09umOe/5jPTqecCj2HPYAfnjnv35+p7CgAx6c56YHXPP45689ep4quI4zqLyDBkkhVc7g25ckjA6kZJ/wB72AoAsZ3d85993X+YPTjr0HAo9z365Prxzjr6cdfujjJoAm07P9pt15h7465x27/oOg6Vs0CI7iCO6tpbeZS0UqFHAJGQRg8jkfhWbc6XYWlpNcub0rChcgXk2cKM/wB+k0mNNoznjixiK0u92OkupSoB+THGOvtURtpX6AwexvbiTjr/AH1x6+w9OlLlQ+Zif2e5HzXdwCcZ2Tyj34y5/D0HJqM6RvPzajqTA8FVu3AOfTBB+nI9TgU+VBdksWl2sf8Az2lz/wA9riSXP/fbHP8A7N14FSHT7NhhrWFwRj5kDZGf1yf++u3AoshXZiWQjUXMcRUol1MPlIIHzkkcccZxxUkyIxiZ/wCCQFeccnI/rXfHWCOdNqehR8Pf8gCz/wBz+prQ0mZZNauoARugBkYZxgOsYU+3+rbnt25xWdb4B0/iN79P0xj2PTH6dTkmjp7Y/DH5/ng9PvHnFcpuH4enbP8An15/3j2FA5469sfez7c9c9eevU8UAHX3z+Of8c/+Peyijrz1zznrn8uuf/Hug4FAHP8AjZ9vhW6fJLRukwPB+46uTn6IefbA4BqWunD7Mxq9DJ1Mp/aGngbd5uEz8vONsmOfzq9Nc2iho5p4V3DBDOBWqlFXJkpaXJ9C1Kxg8P6bE11CrR20SFRIMghAMY7Yx07deSasDX7MypHFFeyMzBVKWUoXOcD5iu0cngE+554rznUgna50qLsaGbgcNYXI/wC2Yb+vr69+T2FG+fvY3fv+7z79+v49T144qyRDLKPvWd3z1/cs2fy/X1PoKqO6f2tDI1pcee0LqC0T7iMqT8uPmHTJ+g4BoGWjcH+K2vRn1tZG6+uF/P8AIcZNH2n/AKd70f8AbpKP/Zf5dBwPWgC3pLGTUHcQzooixmWBo+/TkD8hwK2qBBUV1CLmzmgPSWNkP4jFAHP2kpns4JSOXjVsccHG4fQjqPTqecVN7Dj0x19e/fvz/vHsKBh16Dr0wM9eePXPXnr1PFH3/wDaDf8AAgQf5g/+PewFABnd1Oc9cnOc8fiD/wCPdBgCj3Pfkk9+3OOp7cdeg4zQBx+iAg6mCT/yEJnGcZwx3jpx0btV+6SN4f3gUqrq3zNtAIYEc/UV2x+BGCbVTQo+HyB4fs8kD5O/1NWbC8sbHXdQluLq3gEttAQ8kqoGKtL3Ppkc9s564qKrXIEE+Y0R4k0hxmC9W5GMj7KpmzzxwoPOenp1PPFX7a5N5B51tb3LR5Zc+UVOQeeHwc59ep5PYVxqcW7JnRZkvk3z8Lp8ik95JEC88noxPX25PX0qRbDU5MiRLRMg5/etJ17H5VyO555+nFUSSnS7tutzCATzmItkY5z8w6//AFulYf2S+uhI0utSW58x0P2eGNT8rFc/OG5IGPpwMCubE1ZUopxNKcVJ6mXqkfh0o9nrniLzs7t0M96kZO5Sp+VNp+6SOnQ1C/iDwdCQp1KVz22yTnP4iuNVsXP4TVwpLcxNY8Q+DHubBxbLc7bgF/MtS5I2t3f3xxVxfiPoFiPKsNGukyOAkUUa/o39KPq9ee7KlOEehDJ8VGz+70YY9Wuf6ba7bRJLrxLolnqSGCCGYq5TlmUq/Izx3UirhgGpKTZDrXVrHWUV6RzhVS5S3F/ZTSiMTbniiZiQeVJIHrwmfwoAt0UAFFABRQBy1qJIbWKD7JdF4l2Y+zkA7eOCRjntzjuewqwkd8xC/wBmzoOBl5IyMdf7xJ/qevpQBKLLUCP9RACR3mPr/u/n6/TinNp2oPkA20ec/MzNJ+Ywv4889OBxQBnXtnq0N5bwDUbbZKjuzC0OeCvHMh65P4DAwKjuITaQ+bd63LCnQu3lIuT9V9OB6DpXn4jFThPkijeFNON2YUZ8LWSSj/hIQVkbe+LteoUL1XGBhR09Krzat4HhRt9/LPkdGmuZlP4cis3Wxc1boXCFNTTW5laP4y8KWGhWoOmvNIkfzGO0TPfuxGauj4j6NF81vo0w9Mqin9CaTw1eo/eYvaQjsja8NeMD4ovprK1sVhmjj80CafhlyAcYU9CR+ddrplrLa2zrNsDvIz4RiQM+5A/lXThsK6Um2zOpU5lYu0V2GQVWOm2JkaQ2VuXY5ZjEuSfU8UmkwPnDW4Ps3iLVocABb6cDA7eY2P0rOf8A1kf1P8jTAiuf9Zbf9df6GpX4lj9yR+lJFSTSQ+vdfhg+7wNar/cllH5uT/WmSdjRQAVWuzCJLVpfLyJh5ZdSTuKsOPQ4J5+tAFmigAooAKKACigAooAr3Nja3u37TAku3O3cOma8k+Lel2djf6LJaWcEAeO4DGKMLyDH1x16mlZXuO7PPOowelMi/wBQmf7o/lQ9hwvzKxBY86fF/u1Yj/1Sf7opie+p23wrfy/HCn/npaSx/qrf+yV7lQIKKACigDybxR8Nda1LxLe3unPYm3uX8wedKyFSRyCAp75P41y0fge9aVlu9QsrdopnjO0mTJUlT12+mauEeZ2JlKyG33hC2gnsFfWY38y5CHagG0bGOfvH0/WtMeBrCRlP2jVpdpyGtrRmHp1CMO9ackFuyXKTSsjpvDXw20eaO6k1SyvZAJh5HnyvESmxey7f4t3WvQdO06z0myjs7GBYLeP7qL+vJ5JrGVr6Fq9tS1UbXEKnDTRg+hYUhkLalYKcG9twfTzVz/OsXUvF2i2ly8F480Qt1juGmls5PKVWfYDvxgHPv+dAHSAgjI5BooAKKACigAooAKKACuO+IXha78TaXa/2f5ZuraUsFkbaGUjBAPrkKfwoA83ufhzrtnJClxJYoZVZgBMxI24zn5f9r1qL/hBp7aEG51O0hUD7zA4/XFaxpcyvchz5WVPD/hS0vtLtnGtI5dM+VBDudfb7x/lXTad8OrJ9QsYHOrPA0hWYvHsAXY2Odgx8wWm4QUdwcpOR6FofgrRPD12buxt3+0FCgkkkLEA9cZ4HSuhrEsRmCqWYgAdST0qn/bOmbto1G1LdNomUn8s0ASfboOwmP0hf/Cka+UL+7t7mRv7oiK/q2B+tAEaXl3Ido0ueP/amkjC/+Osx/Smi1k8xpP7PsVdzlm3ZJPv8lAEN3p13dtalXtrf7PMJlwhcEhSMHlePmqBtRkXU2sbrUBGUXJkihWNQeOPnLeo/MUAaYtH/AIr25b6lR/JRSNp0TnLzXTH2uHX/ANBIoAb/AGTp55e0ilb+9MvmN+bZNWEtbeNdqQRKo7KgAoAkAAGAMfSs7xBa2954fv4bmCOaMwOSkiBgcAkcH3oAgsdWneSKKbTJIEdgkYX+Abd2WBxgDIX5c8/hWzQAUUAFFABRQAUUAFFAEFzZWt4FF1bxTBTlRIgbH50yLTLC3bdDY20Z9UiUH9BRdgZ1npGpafZQ2dpqdusMI2pvtCxxnud4/lUhsNZY5OtovslmuP1JoAb/AGReNzJqJdu5/er+iygfpUg0qcDBktG92t3Y/mZKAAaVIDkLpuR3+wnP/odWRFqAGBdWgA/6dm/+OUAL5eo/8/Vr/wCAzf8Axyjy9R/5+rX/AMBm/wDjlAB5eo/8/Vr/AOAzf/HKPL1H/n6tf/AZv/jlAB5eo/8AP1a/+Azf/HKpXej3N2subm1jklADSpandjI45cjnAB46UAXfL1H/AJ+rX/wGb/45R5eo/wDP1a/+Azf/ABygA8vUf+fq1/8AAZv/AI5R5eo/8/Vr/wCAzf8AxygA8vUf+fq1/wDAZv8A45WL4g0LVdeii0+W/tF0yXcLxVgdZGXgrsIfg5HX9DQB0PkRfu/3anyhhCRkr9KkoAKKACigAooAKKACigAooAKKACigArlbXxS90mlRmPy5dThWZWLDMG9JHVSuOcCMg8jn9ADorG4N5p9tdFdpmiWQr6ZAOKsUAFFABRQAUUAFFABRQAUUAFFABRQAUUAFFABRQAUUAFc3qXiSfTvEf2E2wltREjsyD5wSJT6848te38eSRjkAda+I5rnVri1FoPKjt3mRg3JK7Rj0IOcg+mKTRvEVxqetTWbwIIli8wOuQQc429Tn68fSgDo6rmytjG0ZiG1iSQPfk/Tv+ZoAnACqFUAADAA7UtABRQAUUAFFABRQAUUAFFABRQAUUAFFABRQAUUAFIzKo+ZgMnAyaAMjUNaVdQ/sfT3jl1ZkEhjbJWCMnHmP7dcDqTxxyRo2dubW0jgaaSZlHzSyHLOe5P49hwOg4oAnooAKKACigAooAKKACigAooAKKACigAooAKKACigAooAKKACsPXNPl1S6tYIrtItgZnQ9SCVGR9BuHb71A0my3pdrtVry4s4YdQm+WeVY1VpApwpJBPGAMDJxWjQIKKAMAeLtOS5WC5E0DNu6xsduCgwQBkE+YvbHv0zb/wCEi0sEB7hoyQDiWF0OC20HBA4J4oA1KKACigAooAz5pCrudxwM968E1j43eIra/uhZR6X5ESbwkscpY/OF253KScHPQdDWj0RmtWenfD3xjN408Lpqc8KQXCyNFKkb5XI6Eckjgjg/yxXU72/vH86pbEvcN7/3m/OuI8feNtR8L+THYQwvI8RkaS4jkdRg4AATHP1NNrQFqznfAnxZ1TxH4sfRdRt7LY2/yZrUsnK+odjkEA9OenGM49js2LB8kn61D+EpaSLVFZmgUUAFFABRQAUhYKCWIAHUmgCq2qaehw99bKR6yqP61Rm13RYryN21C0aTy2A2He2Mjpj+Xf8ACizHG99DG0nxdYnVdeR5L2VRfr5Ki1lIVPs0HAJXA+bcccdc9627bxFaXF1HbtHPC0p2xtKo2sfTIJwfrj061fJK17Ecy2NesDUPFMGn6tBZvAWjldozKG5DBGYgLj/ZHJI6n05goz21zSpolmg0hJWjlYKX2AcMwypGevlEjoOByOKbJr2gWtsqwaWuFdothjRVTCFz0zxhccA/jQBtQ+IrOfUILNUmEk/+rJUYPybxznuvNaxIUEkgAdSaAOdtrvVplQYuyfOlikZ4Vj2IXby5BuUbsKq5A/vj0NVTda89oGje7A8y3Us1qA/zS4lG0r90R85x17npQBY1PU9XsNZ2BM2JjVUk+zl8uWUc4OSfvcDH8q6GBpHt42mQJKUBdQc7TjkUAZ92MrMPUGvjfUUEUuoL5kWfJxyc5/ep93kjPfjtn61pLYiO5798D/8AkncY+b/j5k65x17Z4/Lj8c16RVx2IluJXivxpDHWrT7mPsLckDI+Y98ZH5/hQ9hR3Oc+EQz8T533h8pNymcHnrgHgfXj8cV9M2P3X+oqPsl/aLdFZmgUUAFFABRQAVyfieOO51WGG4USRLDvjjfld2SC2Omcbee2T6mtKWs0TP4TPVEUAKqgDoAKa5RZos7dxJC5XJ6Z4PbpXY7IxhdvQzdI/wCQnr3/AF/r/wCk0Fab8PA39yeJ/wAnU/0pP4WJbne1XksbOZy8trA7E5LNGCTxj+XFcB0lPUv7P062adrGGSWVhHHGsQ3TOcgL09zz2BJPGauNY2cgIe0gbdjIMYOcDA/TigCI2+nQ3UObe2SdixiPlgNnqcHHuT+NY9tc/wDCXSTDyZ4dHt5miZZoypvXU9R6xf8AoR9hhgDpaKACigDLus/vsdecV8datNIb3VPNlIZoypV9xJPnLkDJOOmep6GtJbER3PevgfGqfDyNlxl7iQtjHXOPQfqT9ew9Iq47ES3CvF/jTMyavaIM4+wueC3972cenp+PoPYI7nOfCEif4mXBkbftSZ1LDq2cZwc4OCemD79j9L2P3X+oqPslfbLdFZmgUUAFFABRQA15EiUtI6oo6ljgVxniTULKTW9Okivbd1WCdHCShuS0RGcfRqqElGSbJkm1oU/tcWMr5jf7kbMf0FNM7yMvlWN7IQen2Zk7ergCtZ4yhHeREKNRvYoaNHfvqevAadKp+3LnfJGNp+zw8HDH68eta8thqcke1IIFbIILTHgg57Ka5Z5nRirLU0jhZvVmzc6zfxrmQ6bZf7UsrSD8sJ/Orela/Z3ulwXE17aecy/vBHIMbgcHAyTjI96xoYj2reljWdPlRSs9StdS1A6rJI5t4d0dnGqM2R/FLgA9ei/7PP8AEa1Dq0R4it7qUjqPJKf+h7a6OZEcrOb1zzbjUIydNtz9tH2aP7aoLRvskJKFd2Mrzzj7uBy3HSWt87XcdpLDtZomdW37idpUHPH+0KXMmxuLSNCiqJCigDLuuDKfTNfG+oylrzVyW2hozhVXgjzl46DA/ADjFaS2M47nv/wQjKfDqFieHuJCPzx6n+Q+nc+j1a2Je4leNfGjb/aVtkcrYuejf3vUKf1P5dx7BHc5r4PAyfEy6YMx2xzMSwIJ5xyOPXoc/TuPpax+6/1FR9kr7ZborM0CsePU7+fzWis7Yqkska77hgTtcrk/IcZ25/Sk3YaVx32/VP8Anws//Axv/jdL9v1T/nwtP/Atv/jdTzorkYfb9T/58bT/AMC2/wDjdOGoXo+9YRge1xn/ANlFHOg5GYOo2GoXmunUE0rTXBt0h3Xcx3RlWc/LiM8HfzyOneriWuq7Runso+PurAzY/HcP5VxVcP7Sbk2bRlyqxipf6rceej3UMJinkizDDyQrEA/MWHIAPSoJ3vYUV5tXv5VMiLtVYl+8wH8KA4555rtp5bQUVJ3Zz/WKjlyopaTFnUtezNcf8fy/8t35/wBGh96u6ZY2d/rVzaXkZuPLkEqrM7OApjUAYJxjIJ+prWphqUIXjEinUlKVmzpbfQNHtG3W2k2MLE53R26Kc+ucdf8A9RqvqUn9pXQ0a3ddpAe9ZWwY4ugUejNgjnoN3tXMjpNdVWNFRFCqowoXgADjj0x+n0pentj8P8/0+lAFW/lgt4oprgJtWeNVLR7sMzBBj0OX69s56VLtC6pZy/xHfD+BXcf1QU47ilsa1FbGIUUAZlxw0v418bamQdR1nazgbW4T5gf3y8EnOB+PUDk99JbER3PoL4JK4+HFuW6GeXb9N30H8z9ew9ExVrYh7hXi/wAa0jbUrYsYwwsJPvOqn746ZPP0GPx7D2BbnOfBxSPiZdkFjiObO7GcZHXg8/l9ex+lrH7r/UVH2SvtFuiszQKw9O/495h/09XHGP8Aps/+ff61E9i4blv/AD/n/Pt1pf8AP+c/57GszQP89f8AP+eDR09sfh0/z+H0oATp7Y/T/P6fSj/P+f8APHUcUAcNps7z3Wr7+sepToPoDxVydikLMFZiOcL1NepB/u16HFa9S3mZukf8hPXv+v8AX/0mgp9pFdReMby6imkSE2MKFY4d7MxeT8BwB1rLEfwma4VJ1kmacOqy2N7NLcy3RjcAKt7cW8ag46jBzk/T9aNJv9NsLW81SSyFvdXc3mXJt91wXPCqdwHp0H4da8pT5dz2p4VVdYWT0VtUvW7OoRg6KwzgjIzx/Pp+P0NQPqFlDJ5Ul5bpIONrSBT+Wc/4fStjznoQ3uoW8Nk0zCcom1sxwknr7jH+HarCu811a+XbzlVk3MzRlAo2nruxnr2zVJO5Dasa9FamQUUAZtzjMuenOa+NtTJN/rBxLtKHGDkY85cZ6cfh1xwOlaS2IjufQfwS3H4b224cedLt+m76n+n07n0SqWxL3ExXj/xjike8jMbSDGnvvCE4xvGMgEfrn6UxLc5X4NBx8TLvG8fuptwfkjkdTnr+f9R9KWX3X+tQ/hK+0W6KzNArmrS9S2WeKW3vgwupzxZTMMGViCCFwQQQeOD1FTNXRcHZlj+04f8An3v/APwAmP8A7J/+v60f2nD/AM8L/wD8AJz/AOyf/rrPlZfMhr6tbxrueK9VR1JsZh/7J/noagbxJpafelnX/t1lH/sv+elHKw5kRnxPp5JEMd9PgE5ispSBjryVx/h0qZdXkkGY9Lvcdt/lp79C4Ix7jj8afKw5kcrpsdxb6nqkdzB5LzTC7CbgTh8jnHT7h4rQnJW3kZULkKSFBwT7V6MP4Zx2vUt5mbpH/IT17/r/AF/9JoKsXCE6nEAIjvhORJD5m4+ZGqjBP/TQ0qqTptMdKThUTRqrpDp/qr+WBeflgghUEdOoTP5H5j04GaeNGhPM13fz4H8d5Jj06KQDn6cngetcShFHTKpOW7F/sTTv44DIRnmWVnP5kn6HH0HPNWVs4IU8uNWjUZG0OygevQ8fXt0GTVWIIr8Lbafc3GbtvLjd9sUrBzgZIAzgHj8Pcmp/IU5/eT85/wCW7jt7nj6dhyeTigA+zg/8trkZ/wCniQYyPdv0PQcnsKPs4/57XQzj7txJ3Hb5v5/U8cUAaujMzaYm52fDyKGZy5wHYD5jyeB1q/QIzrgcyZ6c18a6mC17qzbSVERKlMLgecv3uefxyc4+taPYiO59B/BEs/w2ts4ws8qjB/2voP6/XsPRdppp6EtahtNeO/GJGk1NY41DMumMz5CnAMnHUHHQ9MfU1Qkcz8HIvK+Jd1napaKdQpYE9Rx3P8vrX0lZjAaofwlL4izRWZoFFAHPLLcyPK0l3NxM6gA7QAGKgcDnp9SeB3NMMG8Yea6YEYIa4fB55zg469cfQetAyNNPso5PMS0gWQZO9Y1B9Dzjj39OgyasACPoAuPT5cY/kB/477k0ALjb2xj1GMY5/DH6dTyaMdvT9Mcjr0PcZ6dTzgUAc1dXIPjC5tQmNthC+7PXMkvGP155O7NWJM+U+Bk7TgZxmuyn8BhL4zJ0Rma+1xmXaxvUJX0P2aCp7vcdd0eEKCk8rRvnoAoEo6deYgMd80T/AIYlpPQ6z3Pfrn345x1Pbjr0Hc0e57c5/Q8jv24/3R3NcZ0BnHfGPQ4xjg/THQ+nQc0fc9F2/wDAcY/kB/477k0AI4IRuDkD/dPHI+mO3p1PNQ2Mz3On20zwyQPJErNDJ96MkBtpz/EM9+n3j2FAE/sO/AA79+M9T356/ePGBR1989MDOc8/jnrz16ngUAaGjNu01WzuzLKcht2f3jd+9X6BGTqTFbW7IOCI3IP4Gvjq/medbwsikpbAEocY/eJyfX/6+e1a/ZM1ue6/ANyfAdypJIF++B6fIleqZoQPcM15147kjEXiUtjI0qIZI7FzTQjzD4XIkfxVtVEaptkuBhecfu3719O2ZyH+tKexUdyzRWRYUUAc4p23V5F0Mdw+T0+9h/8A2YDPXsOpqQ+/H6Y/EdMeo6dBzQMP8+nT+WP092NA49sc/wB3GPY9MenbqeTQAfd5PGPbGPz/ADwen3jziqcmrabCwWW/tUbjAaZc9fQnPvz9T2FAHOve2k/iOSeKZZPkdNyAkbQIiOe/Jfk9cGrn2pc4EF2/ulrIw/MLitYYqjCNpSMpUpylojH8Pfb3uNYzpc+/7Ym8IUUKfs0HGGYGtw2mpm5tZ47NB5LsxWSYDIKMuOAe5H5GuepmNFR5epr9WlztrYuudcckR22nxDPDNcO5x34CDn8eBwMVJpVvqlxfXNtf3lvlIo5I2trcp94uCOWPICjBGMZ/Guali1UnyJGsqTirmr/ZFz/z/qP+2A49O/YdPz680f2Rc9r5V9MQ9PTv2/nz1rsMRP7IvB0voRjp/ox/D+L8frzVaw0u/eyiMlykLAFfLeFnIwcDJLZPrz1zzmgCf+yL/tf2+Pe1Y/n+89eT696P7Iv+99bH/t1bn/yJ3PX16dOKANGxtntLRYZJfNcMzM+3GSzEnjJx1qzQBxfjXxRp/h2zkS7855bpJFijhj3E8ck9gORXyZdziN7iOSNWaSIIpDD5DuVs8eykfjWr+EhbnsHwQ8XaXp2mHQbl3S8urwtEdvyklVAHrnI9K9xzQloJ7kF9fQadYT3t0+yCBC7tjoBXinjHx5pt4+sskF15N7YRQwSFVwxDFj396pLS4r6nE+BPE1hpHj201G5jeO3DylggHybkYDv0yRX1ToGpWmr6ZHf2MoltphlHHfkg/qDUy1VylozVorIsKKAMuTSZTeXM8V0qCd1cgx5IIUL1yOy/hk4qMaC+7cdUvF/2UWJQPQD5MjHbnigCwujWigbjO5GOTO46dOAQP0p40iyAx5TEYxgyse+fX1oAzda8O6dcaayxaRaSyedE5HkISwEis3XrwDWTqmow+F9Je8bRpooFIUCJYlyTwON39K4cVQqVZLl2Nqc4xWpyEnxUnJxHo0YHYtdE/ps/rVT/AIWnqkgJjsLNMMR8xZuh+orOOX/zMp1+yMOz8d65Hc6r9na1t/OuhI3lQ9D5Ma8biR0UfjmmL408TThjLrMxwzDCxxpxnj7qg9K3jg6W7FOq+Z2NHw74i1OfxPpsN5qF1Nbz3CQyRtMwBDnaOh9SD+Fe522n21pI0kKMHYbSzOzHHpyTW0KNODvFGTnJ7lqitSQqvZmU2586IRsJJAFBz8u87T+IwfxoAsUUAFFAHgXx3uJIda0zaAV8mX7yhh1HY14VdSmeVpGxuPXAxWr+EiO5oeFZPJ8YaJKW2hL+BifTEi19djXNMblb2E/RxSgmxTaRzPxE1K1ufh9rUcM6O5gBAVsnhgf6V81SXjyWSJMisqsMYAHGK0s0iU77GUcZ46V9WfApl/4VnZqGywklJGen7xv8KyZqel0VAwooAKKACigArkfibGZPAd8wGSjwsP8Av4oP6E0AeD1HH9+X/e/oKAIbX/j4vf8AruP/AEWlPWaJZJFaVAd3QsPQUJOxUmr6G9oOlanc63p0lrYXT7LuKQOIm2ja4OS2MAcV9H0ElK21Wzu7+5soJQ89tjzQO2c/4VdoAKp2JuPNvVniiRFuD5Jjx8yFVOW98lvyoAuUUAFFAHOeJPCmkeIbRk1mGGSBCXDudpj9SGGCPzriZfgb4JkgN0JJkt8bjIt18gHrk54rTn0sRytFiz+BfhO1mjnjW4kZfmUtOSP0rpIPh/o9sAI4Bx/eYmqjV5VZImVPm3LT+D9OkgeFoIzG6lWUjgg9q5G9+B/hW43IrXFqG+bbDN6dwGB9f1p+2vuJUrPRmZF+z54WnRZotU1GWNuVZZ4yp/EJXofhLwjZeD9PeysXlaJsf6xskYz7e9ZuSsaWdzoaKgoKKACigAooAKgvbK31Gxms7uIS28yFJEPcGgDiL34W6DFYSG1tbme4BUoGumHG4ZHBA6Z61Uh8A28f3fD6Z9ZZVb+bGtISilqRJSexQ0fwhJ/aWug6Xo6rDfquZpOUzbwtgfuzxznqOSfrXQ/8I6n2SSE6tptssilSsUPTI7HeP5VXtUlZIHC73OqfVbRDhWll94IHlH5qCKet40i7o7O5ZT0JUJ+jEH9KxLM1tNCyGW0sHimacTMzyjBOWYjqcAl26D+I1fVtTc4eKzg/2hI0v6bV/nQA8RXp+9dRf8BhI/mxri9B1fU9J1LVtOv7wavHaRW+LsQCNpJGJUlio2nGMdSRs5yTigDs9Pvlv4PMCFHXG9D/AAkqGAz34YdKt0AFFAFbUIBc6ddQGQRCWJkLkZCgjGeorDTwwbYu51J/LYhvLYMVDebvJA38knjnJ6Y44oAkh8OzjY7avcyjdGwDM4GBnI4cdeD9R6cV0NABWNqminU7zzheeU6QtEF8sHCurBs8g8kg9QPkHXsAVLPw61rdrs1SVlSQyGMbwOXLFeHxjnuCa6SgAooAKKACigAooAKKACigDKkTRb27n820tp540DSF7cMSuSvUjnlSOPSpI9G0ZkV49MsSrDIK26cj8qAH/wBi6V/0DLP/AL8L/hR/Yulf9Ayz/wC/C/4UAH9i6V/0DLP/AL8L/hR/Yulf9Ayz/wC/C/4UAH9i6V/0DLP/AL8L/hS6bo+m6PHLHptlBarNI0sgiQLvcnJJ9TQBZS3gimlmjhjSWUgyOqgF8DAye+BUlABRQBXvrOLULC4s58+VPG0b4xnBGDjPFYg8F6eFkVrm7k3knMhRsfOr8fL2Kgc84oAZbeEI7HVNPure7kaO18wskyqd5bv8oHI9fpXTUAFY2p+G7TVL5byWa4ikCqpETKA4G7Gcg/3j9Mcd8gFT/hC7BZ4ZkubpXi2kYEfJVQAT8nXgVo6BpbaNo0Fi8qytHuJkC43ZJP8AWgDTooAKKACigAooAKKACigDmbDwxJZR2BM+9rG2itx8nzy+Vu2tuzxu3fMMGt3TrU2WmWtozbmghSMt64AFAFmigAooAKKACigAooAKKAM7VVnY2hh24WUk7hlc7GCE+27bVKyTUmv7GS4EiuI5PtIkKH5Tt2jKAA/MCR3xn1oA3qKACigAooA//9n/4THkaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLwA8P3hwYWNrZXQgYmVnaW49J++7vycgaWQ9J1c1TTBNcENlaGlIenJlU3pOVGN6a2M5ZCc/Pg0KPHg6eG1wbWV0YSB4bWxuczp4PSJhZG9iZTpuczptZXRhLyI+PHJkZjpSREYgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdG9yVG9vbD5XaW5kb3dzIFBob3RvIEVkaXRvciAxMC4wLjEwMDExLjE2Mzg0PC94bXA6Q3JlYXRvclRvb2w+PHhtcDpDcmVhdGVEYXRlPjIwMjMtMDgtMjlUMTE6NTM6MjI8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAMCAgMCAgMDAwMEAwMEBQgFBQQEBQoHBwYIDAoMDAsKCwsNDhIQDQ4RDgsLEBYQERMUFRUVDA8XGBYUGBIUFRT/2wBDAQMEBAUEBQkFBQkUDQsNFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBT/wAARCALmAt0DASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD9U6KKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAEPQ14N+0X8R/iN8P8Axd8ObPwjqfhe10zxXrcWgSrreiXN5NbSvFPL56vHeQqy7YgvllQc5O89B7zXyp+2p/ZviTxF8ItE1Pwfrni/SLHxRDrGs29n4TvdYslsRBcxEy+VBJG53sn7vluh24INAHX+CfjL4z039omb4SeM38O+ILqXQW8QW2seGbSezNuiyrEYrq1kmn8ssWyj+bhtpG3NdheftIfD3T/FUXh+516SC7lvv7LjvZNOul01rwHabUX/AJf2YzbgV8vzdwYFcbhivBPh74SjX9qLw/qPwZ8C6x8PPh2mmXS+MXuNBuNB03UJWjAslgsZ44i08bhmaVYgNrYJasOz8I+IdY/ZVvv2eNY8JeIV8dQytpkWrNpMz6XKpvRLHqq32PIwqlZ2QyCberKELYyAdT8Sv2rPEXwX8bftCXWs+Zr+ieEdJ0W40DStP0tj5VxdR3Jb7RIm5tm+NC8jMqqoAADEBvp/wh4rtfGXh2z1izhv7e3uQSsep6bcafOCCVO6C4RJF5BI3KMjBGQQT8R/Hbwb4o8Yaz+1tp+leFfEV9car4V0O30yVtHuVi1KS1EpuEtpGQLMy+YvyoxZiSFBIOPt7wlrEev+HbDUIbW8s4riFXSHULd7ecLyFLxOA6EgA7XVWGcMFIIAB826h+2DpHjPwl8YoV8Raj8JD4W1GTTbXxXq/he6kitwkdtmRkmiETzNLK6pbFhKyFG2c1m/ET9q7xH8G/F37QF5rDSeI9E8J6Nol1oGm2GlP+7nuo7gsbiRAzbC8aFpGKqqgAAMRu8++K3h/wAS2PwX/az8Kp4L8U6hrHiDxPJqGlR6folzcpewzxWKxNE6IVk5jl3bC3l+Wd4UlQzfjF4Z8R/EGb9quLQ/CHie5OueENBTSmudBvIF1B7dJGmSEyxqHkUSqPLHzklgASDQB9zeD/Fdr4z8PWWr2cN/b290Dtj1PTbjT5wQSp3QXCJIvIJG5RkYIyCCdusXwjrEev8Ah3T9QhtbyziuIVdIdQt3tpwvIUvFIA6EgA7XVWGcMAQQNqgAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKq6pHeTabdpp1xBa6g0Li3nuoDPFHIVOxnjV0LqDglQ6kgEbl6i1VTVNQi0fS7y+nWeSG2heZ1tbeS4lKqpJCRRqzyNgcKgLE4ABJxQB8m+Gfjh8bNW+FXj3x1deIPhtBB4P1XVdPn0+50C+tY7pLGRkZ/tR1B/KLhSRmJwCcc9a9s8N/H7Q7/4M+DfiBrkF1oMXiSztZ7fSRbzXl4000XmC3ihhjMs7gByBGhJVS2AAcfIPgDwp8MLrwP8R7nx38DPFOt+LNV8T6zqVhKnw41NNUmt5blpLXyr42i+Q2CpUtKmzvtrv/C/hz4s+AfC37O/jf4hadq/izV/C0GpWXiix02M6jqECXabLe52RktcSRKkccnlhmIdyobmgDvv2gP2kPM/ZZ+Ifjr4VeI4Ida8PJ5bveaa/wBosplkQSQzWs6o8Mu1sgSpxkHawro/BP7S9n4t+P8A4q+GX9k61DLolnYst/Jod4IZbiVbh5S03l+XHEFijCPIUEjFwhfArwL9oHwZq/iX4X/tJeMNA8L+I5IfHFhpGmaTosOiXQ1C+mtwRJdtahPNiDCVY/3qI2LYkjBXPrfwst9R0v8Aa1+I+pXGg61FpXijw9oEum6jJpc0dsVgjuhMskjKFikVnjUwuRL84OzAZlAOy/aM/aBt/gDofhq8l0rUdTn1zXrHR4ls9NubtIllnRZXfyUY7hGX2IMvI+0Krc48l+Pn7QWsaH8P/jZ4j8A/EuGXV/D+iaTfw+HLzw7sm8PmYuWMvmhW86dOfKmXMXljMfzYruv2xtF1PVfAvgq90zSdQ1eLRvG+h6vexaTZy3lwlpDdq0siwxK0km0HJCKTjJxwa+c/2iLPxD4juv2qhp/gbxlcS+IvDnh2y0qODw3eyfbJojJ5yROkTI/l+cgYqxHDYyFJoA+nPBH7S9l4t/aA8U/DL+yNahl0SzsWW+k0O8EM1xKtw8paby/LjiCxRhHkKCRi4QvgV7fXzd8LLfUdL/a2+I+pXGg61FpXijw/oEum6jJpc0dsVgjuhMskjKFikVnjUwuRL84OzAZl+kaACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKSgBaKjDk5pwOe9ADqSj17141+0p+0npX7PnhezK2cniPxrrkwsfDnhWzObrU7psBQAMlYwSNzkYAIHLFQQCn+01+0pF8D9L03RdC00+LPid4lkNp4a8LW5zJcynP76XkbIEwSzkjpjI5K+reDZNck8K6O/ieOxi8SNaRf2lHpjM1qLnaPM8ov823dnGecY614f+zD+zjqngnVNS+J3xNvovEfxl8SoP7QvhzDpNucFdPtBkhY0wASv3iOpAyfovA9KAE2g9Rml2ilooATaDRtHpS0UAJtFGB6UtFACbRxx06UtFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABSGimFzge9ACSTLDGzyOERBlmY4AAGSSfpXz98If2kNa+Pnxm1mDwTo1rdfB3QY5bG78W3LOranqQI+WxxxJFGAwZiMHcCDgDd5n8Q/GWtftx+N9T+F/w+1KfSvg9pE/2fxp41smA/tVxjdpli/RgRxJKOMHuuBL9a+C/BuifD3wtpfhrw5ptvo+h6ZCtvaWVsu1IkH6kk8ljksSSSSc0Abm0UYFLRQAm0HqM0m0elOooAbtHpQVB6jNOooATaPSloooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiikNAC1Bf30Om2NxeXMght7eNpZZG6Kqgkk/QCpNxrB+IHh+bxf4D8SaDbz/ZbjVNNubGOfJHltLEyBsgZGC2ePSgD88vFvxN8GfEb9nP4i/Fj4h6D4m1DxprNhe3Xhia98K6u9j4dhKlNOFldm2+z28hIhlaeOQbnf75AUD9CPhtLqMnw88LPrB3au2lWrXh55mMKeZ15+9nrXzPp/wAGvHHxY+GXwu+FPinwlL4I8FeFY9PPiSW4vrSf+2vsSIIbW1W3kkIgeWNXZ5RE+1AoTJO3tf2j/B9zrjzWHhjxh4ptfiTqkS/8I3Y6Xrc9pZ6ZsKhrqeCArG9up5kNysu4sI05dUoA4b/go1+1/rX7J/hLwJdeFxaT69q2slns7xA8dxYwoTOh7ruaSAbgQRmsr/gn/pdj8eIL/wDaL8Wap/wk/wARdYmmsIo5IHjtfDdqjYFpZo/YqQWlGd28jOfMLfSHir4A+AviN4o0bxJ4y8M6f4r13SLb7Na3GqxefDFk7mdYGJjDM2Du254XngV6HDbx28KRRRrHFGoVEUYVQOgA7AUAPwKWiigAooooAKKKKACiik/SgBaK53xj8QfDPw60tdS8WeJNI8L6c0ghF5rN9FaQmQgkIHkZRuODgZ5wat2PizRtS02fUbXV7G60+BBLLdwXKPFGhjEgZnBwBsIbJ7EHpQBr0VGsm4KQQQe4xg1JQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUlABXnsfx+8By+MrbwsniGN9WuLyTTYisEptXvEDM9qLrZ5JnUI2Yd+/g/LWL+1t8SLz4R/s1/EXxXp0zW+p6fpEws5lzmK4kAiicY7q8in8K+X/ABoNb8L+C/2YfhePhzr3hBbDxv4f23ur3enSG6ktt813IEtrqZsuBJIzNjJYgjnkA+/DX5H+Kv28PFX7RHx48R/A4eJY/Cnw78Q+KH0qLxNpdo0moRaagMZgiKcBZ2jBMhBKCVtxKDA/SzUvjj8PTrjeGLnxXZLqFzff2IVimYIL1gR9l89RsWf/AKZ7g4PGM4qb4WfAX4efBPT/ALH4H8H6V4dQrskntLcfaJR/00mbMkn1ZjQBsfDj4c+HPhN4L0rwn4U0yHSNB02IQ29rbjt1LMerMxJZmPJJJPJrpto9KNopaACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKQ0tIehoAZwPavJNW8fa1YftOaH4U+1qPD1/wCHZ7v7L5a5Nykyjduxu+4SMZx7V65XN6h4D0LUvG2meK7m1365p8Elta3PmsAkcmNw2g7TnHcHHasasZStyu2qPRwNajRlUdePNeMkvKTWj+R020KOBivLPFf7N3gfxp4u1bxJqMfiGHWNXt4rS+l0zxZqthHPDEGEcTRW91Gmxd8mFC4zI5xlmJ9Ur5p/4KO+LNb8C/sZfEPXPDes6h4f1q1/s7yNR0u6ktriLdqNqjbJEIZcqzKcHkMR0NbHnH0ZY2sVjZ29tbxiK3hRYo4wchVAAA/AYq1Tdvel5oAWik5oz7UALRRRQAUUUUAFIelLSUAfNv7RHhD4iWvxX8MfEv4YW+h+MNd8N6XcWN74L1m4EEk9rcOredaTHPkTFoCu5sKyqRk7cHwn4sePPD3xA/Y//aHuPC+meIvhR4wt7pLzxb4XuIIbaeO5khgiKn5CGgnjjDb0KtJhjkByG+yvF3wltfE3io+JrPxBrvhvxCunjTYb7SLqMCOHzGfmCaOSCQkscGWN9uPl2kknm779l/wvrfw98c+F9a1DWdcn8bJt1zX7yeMahclUVImBjjWKMRqq7ESNYwcnYdzZAPMr25+LFt8fLP4Xad8WZk02+8DXWs2er3vh+xmvYLpLy3jV5diRxSqBIyhVjjGw4OX/AHox7X4yfG34ieIofEfgHQtfvtFsfFtxo93psw0JNFuNOtruS2nk8x7kXyXOEaQHATIVdjL87+y6P+zlDpPxc0f4iy+PPFup61p2ktov2e/axNtcW7sJJA6raBlLyqsn7tkwVCqFQbKwJP2LfBUfxU1Hxrp2u+L9Cg1W7/tDVfCuj67Ja6Jqd0fvTXFsgBcsQCy7trY5U5OQDlp/jr4g0P413Phbxh4k1PwHqeo+I4bPQrDWNJhbQNV04TKQLO+SIt9rlhUhkml4d9qoDtYJP8dvEGh/Gm68MeL/ABHqngTUtR8SQ2WhWGsaTC2gapp4nXC2d8kRb7XLCDuWaXh32Ki5Vh6nqn7Peka1qMBu/EPiGXQV1g6/J4dkuIXspr4XP2lJCxiMyBJtrCKOVIzt+ZGy25dS/Z70jWNStjdeIfEMugprH9vyeHZLiFrKW9Fz9pSQsYjMipLtYRRypGdvzI2W3AHq2TTqTaBS0AFFFFABRRSUALRWL4q8QT+G/Dt9qttpF9r8trH5g03TTCtxOBjIQzSRx5AyfmdeB68VxXwZ+OUfxu+G6+NtI8IeIdM0q4hM+nw6qbJJ9RUBuYljuZFXLLtHmtHyc9OaAPT6K8r+Dfx6j+MWr+LNNTwZ4l8KXPhi9GmX/wDwkC2S/wClbFkMaC3uZS2EeNt+AhDgqx5rkvHX7XY+HcOvXmq/Cfx82k6PqkWkT6nANJMMk8rxpEYw2oB2RzNF8235d4DbSCAAfQNFeLX37UGmeFNc0bTvHvg/xV8No9YuFs7HU/EENpNYSXDEBIXuLK5uI4WY5wJSgODg8VT+Jv7VMfwts/FWqX3w18baj4b8N3KWl7rtkumpbO7CLBiWa9jmkXdMqlhHjcGGflNAHutFee+Bfive+LvEl3oepeBPE/gu9hs0vY3177DJFcxs5Q+W9pdTruUgblYggMvqK2rj4i6Lb/EKw8Em6DeIr3TJ9XS1TDFLaKSKJnfnIy8wC+u1/wC7QB1FFc34C1zX/EHhmG98TeG/+ET1dpp0fS/t0d7sjSZ0ifzYwFPmIqSbRyu/aeQa3mmK4+XOfQjj8yKAJqKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKQnAzQB5z+0P8Jh8dPgt4s8CC/wD7Ml1m08uC82bxBMjLJE7D+JQ6LkdxmsHw/wDCnxJ4o+J3h/x78Q7nSjqHhqxmtdH0fQnlltYbidQl1ePJIiM8joAiJsAjVpBuctkdL8Wvigvwr03Qbt9PbUU1PWbXSSFl8sQ+cxXzTwchcZxxn1Fd2pDAZH9ahTi5OCeqOieHq06UK0l7sr2fe258hfGf4yfDPUvi1F4K1PWLDSdE8F6va+IdVstNjMl/q2tA+fa20cUYyVD7JpZCPmfy0z/rcfX46il2/KQOKavp/SrOckooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKSquoalbaTY3N9e3MNpZW0bSz3Fw4jjiRRlnZjwqgAkk8fhQBbor5yuP25PBd5IT4U8NeNfH1kBldR0DQmW0lOcYjmuWhWT/AHkJXvnHNU7j9rzxZdBm0j4GeKHTDbG1jVtMstxHABVbiVhk98Hp36VqqNSW0SPaRXU+maRuhr5am/aQ+M+pbl0/4U+FtKGWCy6t4wlk7cZSGyOOf9o1Sk+LX7Ql6x2N8NNIUtxus9QviFx/12h5z+XTFaLDVX9kh1oLqfV5zXN654F0XxF4i0HW9RgeTUNEkkksJFndBG8ibGJUEBsrx82evSvmSbWPjpfgG6+LWk2AOCy6V4RiQAdMAzTy55746eleYfGPSPHSQ+D7vxD8WPEviGQeILKBP9F0+zFqW3gzRC3t0PmDsWLL6g4BGOIw9WjSdScbpW/M9XKYLHY2GGp1OVyur/Jvy32P0P3HJ5r5W/4Kind+wt8Sx0/5Bn/pztK46T4OnUQRq3xB+I+sRtt3R3HjC/ijbBycrBJGvJx247YrwX9tb4I+D/C37NPjHWrGwvJdWt/snlXl/qt3eyJvvoAxzNK/JDMCevPsK7ngakVzNo8ZYiDfKfpnrnxD8L+Gd51jxLpGlBN277dfxQ42/ezuYdMjPpmuD1n9rz4I6CH+2fFrwYGTIaOHXLaaQYHdUcnP4V4NpfwB+GWjbTZfDzwvbuvSRdHt9/Un7xTPX3rr9N8P6XooA0/TbOxABA+zW6R8HtwBWscvbV3IyeKV9EddN+3H8GY2ZbbxTe6s6kjbpOgaje7sDPBht2H45xmug+HP7VHwy+KWvLoOieJTH4gZN6aRrFhc6ZdygDJ8uK5jjaXA6+WGxXAdsYz3x71ynxM+Hlh8SvDM+nXOba/iIn03VITtuLC6XDRTxOPmV0dVbIPOMHIJFXLL9NJBHFa6o+w1Yk0+vM/2bviNefFj4FeCfFWpBV1bUNOj/tDaAB9qjJjnIA4A81HxjtXpfpXjbOx3i0lLUF9JNDY3D20fnXCxs0cZONzAHA/E0AeZ/tCfGy5+A/gu08RR+F7rxNby6la6fOYLqK3jtFnnSFZZC5LEbpFAEaOSTztGSOv0vXNfu/Gmv6ZfeHP7P8P2cNs+n659vjk/tCRw/nR+SBvi8ranzNw/mcfdNfn14yi8GeJ/2ItN+KGrSWkHxGvPEOnHxFrV3cCO+W8XVYjcWU7swYQwhSVt2+VFiRgoKhq9G8RC18UfFf8AabTTfG1notnqWi+Ejb6xf3Ml5pwEzTlYXw+Ftp9wRthVdszt3JoA+vfiF490X4W+B9b8W+IroWejaRbPd3MvGcKPuqCRlmOFUZ5LAd66CKVZYUcfdcBh06Gvzo+NlnaXH7O/x88LeKPhrpHg3xV4b0HSbhbPR7mK90LyfNuBbXenoUVrQkm5BQqpAGeSWJ9Euvgb8N9W/a60zwdb6FaR+EtR+Gt+LrQdNupLeyjddStlPlwxOEgYOrEmMKfMBc/ON1AHs3xL/aC8S/Cu2jutZ+G1yLK78X2vhqyvItZtmiktbh4Y476QffTLyuohCs37sligYGvb/wAeM1+cviyG1h+H/wAW4p724NhB8fdNSS5nvpWaKIS6cDmdn3KF6fe+TAAxgV6P8UPhf4b0r4zeOfDvg/w9Yx+F9U+HWp3ni/Q7GFf7P+2b0OnTvAvyJcuUuCG2hmCE5JXIAPtLdtzk4rzyy+Lj+MvCem+Ivh9ov/CZ2Fzrp0meRb+K1WK3ju3trq8VmyJUjMbuqrzIoG3rXyX4Fj8FW+qfsWXesjRVv9S8EzaNPJeGMNdQyaXEsVs+776M7SKqnILM4AyxriPAnhHwv4a/Zk+Et9o+nafout3nxbsY72TTVW1mvIU1+7jhW4Ee0zIioQivuVdny428AH6X7+nIo3lRyc/7WRXxRc6D4P8Air4b/aF1T4iNaWPxB8K61qS2+syzCPUPD1nFCr6bNZy8PbxtHskDJtEjmQnJJFR+D/Bv/CcftNfD+P4j6c+pa3rPwdM/iLSNSmkmtnuvtFmkitbM7RKNwYlQu0su4jcAaAPtxWbjIx7U+vBf2G746h+yv4CcXb3iRw3NvFLJMZv3cd3NHGgYkkqqKqjngKB2xXvVABSUUzzNvXp60AU9YkVNJvnY7VEEhO44/hPWvnv9j3xVpngf9h74f69rV4llpmn6H5880nGFDvwPVicAAckkADJrrPh78YvAP7VDeO/Dmn6KfFPhDRrqPTbvUNTsY59I1WXG544d5ImEbKNxK4yVIyCCdiz/AGWfgvp91Dc2vwi8CW1zC4limh8NWSvG4OQykRZBBxyPSgDyj41eMj+zT8dNG+JLWN5N4W8cWP8AYGtWVsm+RdUhjeTTXCjI3yDzbY84J8r0zUf7WGjXXhz9kO3stTkSTVn1nRJ75wdyvdSarbSTlcn7vmM+AOi4A4FfTes+HtK8RW8EGrabZ6pBb3Ed3DHeQLMsc0bB45VDAgOjAMrDkEAisXxx8KfBPxOWzXxj4P0HxYtmXNsNc0yC9EG/G/Z5qttztXOOuB6UAeBf8FEtd0m+/Z31n4fIIdU8a+Mng07w94fiYNd3lz58bB0TqEjA3tIcKuBkjIzd/bRtbjRf2IvE1rql0Jr63sNOguLhj/rJRc26s3bJZs/UmvaPBfwZ+H/w3vJLvwl4F8NeF7qVdrz6LpFvZu6nsWjRSRwKteOPhZ4L+JsNpD4w8I6F4sis2Z7ePXNNhvVhZgAxQSq20nAyR1xQB0ETboUYYJIHI9cdq+VfHPgDwXq//BQTw5e654e0S5mPgS4vftl7aRFxdx6jaxW8yuw3CZd21JAdy5AUivqDw54Z0jwfotro+g6VZaJpFopS30/TbdLe3hUkkhI0AVRkk8DqTVTXPAvhrxNqmnaprHh7S9V1PTVlWyvL6yjmmtRKu2UROykoHXhtpGRwaAPzs+Guj6HeeE/2W7zW7+6ltbjxz4l0+Vr7WLgw3CNNqW1ZA0m2R3Yopdsu4baSQxU+9fDHw7qXw/8Aj58XvDvwms9OtfBltHpE8ujw5jsNP1KSO4NzHBErBImaMWruigAbk4Gedj4t/syXWpeKPhpa+AfAvw+sPAPhzU7nUdV0W7JsYr37RbyW0sYtobOSJgY5NxZz8xAUgD5q+g/DPhHRPBeiw6R4c0XTtA0i3J8mw0y0jt4I8nJ2xoAoyTngUAbdFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFJQAtFIM0tABRSc+tFAC0jfdOaTdSnpQB558avha3xa8L2ekxaiNKlt9Str9bloPNwYpA+Au5euMZz3rvLcbY0XdnHFYvjjStb1rw3e2Xh3Wl8PavKAsGpNbLceQdwJPltwxxng1sWyyQwxLNIJZQoDOBjLY5OO351lGK53JLV21OydapUw8KUp3UW7Lte13t19SzXzV/wTh8V6345/Yy+HmueJNY1DxBrV1/aHn6lql09zczbdRuUXfI5LNhVVRk8BQOgr6S3H16+1fJH/AATR8RaX4f8A2Evhm+p6laabHjVG3Xc6RLgapdZOWI9a1OM+u6K8z1r9pr4R+HGddU+KXg2wdd2Y7jXrRHO3qApkySPQDNcncftyfA+FmEHxBstUC7s/2Ta3F/wOpHkRPn04p2bFdHvFFeGaX+2v8HdS1a00yXxXcaNc3jiKB/EGi3+lQu56KJrqCOPcewLZOQBmvcFbdgqcr7d6Gmt0F10H0UUUhhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAh9D0r5d/bId/Fnir4W/Du7Kt4b1y7vdV1e17XsdikTxW79jG000Tsp+95SjpmvqE9a+Zv2soPsnxT+BupHgNqmqaYWx/z10+WUD87UVtRt7VXIqfCxscaxRrGiqkajARRhQMYxind89/WiivrFotDwt9wwPSiiinqCDdt+bJHckHFZfibxNpng/R5dS1i5+yWETKkkvls4BZgo4UE8sR2rU+gyfSs/XtesfC+j3Wq6lN9nsbVN8s2xn2rkc4UE96zqaReux04aPPVjHlcr9E9X6Gh9efr+PNfP37fHP7Jvjr/ALcf/S+2r3y1uory1hngffBKiujAY3KwBBx26968D/b4/wCTTfHX/bj/AOl9tUTfNSbXYlRcarja1nt28j6B/wA/rRR/n9aK0j8KMXuwoooqgNn9h2URfAl9JPL6N4l17Tj9F1W5Zf8Ax11/CvoHvXzh+xbMYtP+LOltw1l47vGC/wCzPa2lwD+Jmb8q+j6+Rqq02j3IfCmLSdeDS0VmWcbdfBj4f32tajrFz4F8N3Gr6iUN7qEukW7T3Wx0kQySFNz7XjjYbicFFPUCrVp8LfBlh4h1LXrbwjoVvrmphBfanDpsK3N0FZWUSyhdz4ZEI3E4KqewrqKKAOW0f4V+CvDvh3UtA0rwhoOmaFqRkN9pdnpkMVrdGQbZDLEqhX3Dg7gcjrVHTfgd8ONF17T9d07wB4XsNc06FILLU7fRraO5to0j8tEjkVAyKqfKApAC8dK7ekPQ0Acjpfwn8D6BZ63aab4N8P6da665k1WC10uCKO/Y7stOqpiU8ty+ep9av+DvAfhn4e6WdK8K+HdK8M6Z5hk+xaNZRWkJcgZbZGoGTgc4r5u/aQ+I3iT4u/E6w/Z9+F2r3GkatIsd/wCM/FWnyFZNB07IYQxuPu3M3AUdQpzjDFl+qLG1FjZ29sJJJhCixiSZy8j4GMsx5JPcmgDntA+FPgnwp9jOieD9B0f7HLLPbfYNMgg8iSXHmumxRtZ9o3EcnAzVC++BPw11SOVLz4e+FbtJdQbVpFn0W2cPesMNckFOZiOsh+Y+tdzRQBy+t/C3wZ4m8SWHiLWPCOhat4g08AWeq32mwzXVsASQI5WUsnJJ4I5JqrrPwX+H3iPxJP4i1bwJ4a1TxBPA1rLqt7pFvNdSQtEYmjaVkLFDGzIVJwVJXocV2VIehoAwfBfw/wDC/wAONJfS/CXhvSfC+mPKZ2s9GsYrSFpCAC5SNVBYhVGcZ4Fbx6HtTd5+tVdX1a10LSr3Ur6Zbeys4XuJ5m6JGilmb6AA0AWtx+hr42+KHjzX/wBsrx5q3wg+GmpS6X8NdKlNv468c2Zx9o6btMsX5DORxI/QDjpxJ51of7YWv/8ABQmOw+F/wst7z4eG6tnuvGev3E8bTWNiH2NDZYO53l3KPM2jYH/Efcfws+F/hv4NeBdJ8IeEtMi0nQ9NjEcNvEOWPVndurOxySxJJJoAueAfAWgfDDwhpPhbwxpkOj6FpcC29pZwDARR1JPVmJ5ZjksxJJJNdFSbR6UtABRRRQAUUUUAFFFFADQoXGBjHpS4FLRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUANyRXh3jP8AbE+H/hTxFfeH9POteNde0+XyL6x8J6TNf/ZZBjKyTACFGGeVMm4HqBVr9sHxfq/gv9nnxPd6DeNp+r3kljpEF5EPng+2XkFo0iHsyrOzKT0KivM/Bvg3SPh/4Z0/QNCsYtO0yxiEMVvEgXGBgk+pJySTySSTya7cNhvb3bexzVqvs1odBN+2Pql5kaN8EvHt03zc6lJpdgnBwOXvC3PPVc9MA1SuP2ovitdb10/4K2FuSG2Pq3jGKMjsCVhtpc89t341PR6jse3avTWX0+rOT61PsZVx8aPj/eM3kaP8NtIXJxvu9QvyBjj+CDPOfTj1qlN4u+P2qsGn+IPg/Rxu5j0jwlLJkbezTXr9+eh6dq6KitFgqPYzeIqHnHjC7+MOk+FtZ1a4+NutXEmn2k10trZ6LplpG7xxs+1iLdpMEgZw4yKoeFfBeteNvCuiazqnxT+I8suoWNvcvDbeJZbKNWZA5VfIEZxlj3zxivTtQsLfVNPuLK6j821uImgljyRuRgQRkcjgnpUWjaPaeHtJtNMsIvs9jaxLDDEHLbVXgDcSSeOM5JrJYKKxHPb3eW1vO+56312nLLfq/L+85781l8PLa1999TgJv2dvBV8D/aa69rjHG9tX8S6lebsHIyJLgr19q8W/Yf8Agr8P/EX7N3g7XdX8FaBq2s3JvDLfX+mwzyuUvZ1U7nU8hVUD0wK+tf1r5+/YH/5NN8C/9v8A/wCl9xXR7OCqJJHk80nBts9j0vwD4Y0NQum+HNJ09RwFtbGKIdc4+VR35rePPXntRRXUopGDbe7KmraRZa9plzp2pWkN/YXSGOe2uIxJHKp6hlPBH1rZ/Yx1i9sdB8Z/D69u57yPwTrK2Oly3DmRxpk1vFcW0Zc8t5YkeIEknbGuSao1W/ZlkNj+0Z8Y7Fvl+2aXoGpov97/AI/YHP8A5BQfhXmY+EfZ8yR2YaT5rH1JRRRXgnphRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAlfOf7a0Bj0H4XaiBzYePNOYtnGBNDc2v/twPzr6Nr5//bjj8r9n261NRl9I13QtSUnsI9VtSx/75LVpT0mmTL4WYneikHGBS19eeCFFFFABXM/E/Q7jxN8PfEWlWcP2i8ubKSOCLcF3vj5VyeByB14rpqiupJYbWaSGH7RMqMyQ7gu9scLk9M9M1jWhGpTlCWzR2YOtPDYmlWpfFFpq+179fIzvCNrdWPhXRre9i8m8gsoYp49wO1xGoZcjg4IPQ14p+3x/yab46/7cf/S+2r3LQby+v9HtLjU9O/snUJUzLZecJvJbnK7wMN9fevDP2+P+TTfHXGf+PH/0vtqz5VGhyx2sjSvOdXGTnNK7k27aq7d3Z9j6C/z+tFH+f1oroj8KOB7sKKB78evFHPpz/niqEN/ZRm+y/GL45af033ej6ljP/PSxEOcf9utfTtfKfwBmGl/tVePbQYC6p4Q0i8JxgloLu+jJ/KZf8K+jda8deHvDef7X1/TNKxw3228jhIOM87mHbmvk8TaNWVz26WsEb9FeS6x+1p8FdByL34teC43BwY1161dxkZGVVy2Md8elc3qX7d3wQ0qymvJPGj3NpCnmS3Fho1/dxooUsWZooGAAUEknoBzXM5RW7NrM9+oqKOYTKrodyMAVYdCD3qTmqEFeG/tV/tDT/BPwfY6d4asl1/4l+KZ/7L8LaEuGae5bgzOM8QxAhmYkDoCVzkejfFL4neH/AIO+ANa8ZeKL5bDQtJtzPPNwS3ZUQZG53Yqqr3YgV4B+yr8NPEPxA8YX/wC0N8TrJrXxd4gt/s/hrQrgEjw7o5JMcYB6TSg73bAPzEcbmUAHov7Lf7PsP7P/AIBltL6/OveNdbuG1TxN4glyZdQvn+Z23EZ2KSVQccZOMsa9m2ikAHpSjNAC0UUUAJXIfEz4r+FvhBoMOseLdWXSNPuLpLKGTyJZnlncMUjVI0ZmYhW4A7V15714d+2FbyWfwjtfFMUTzN4N1/SvE8qRruP2e1vInuiAOuLczn8KAPB9e/a/mk/bK8LSeG9L+IXibwhfeD7yFPD9pod3Zi7vEuBJ9pigvPIVysfymQ9AwGea9W1rxlqX7Tuk/EL4Oaj4d8QfCTVL7QYbgXer/ZLmebT7meaCVljgndVYiGRMM+V8wHBAG71y5ufh7e+JvCfiSe48Nz+INQgkt/DmpySwNcXETp5jpZuTucMg3ERk5UZPFecaHqlt4q/bU1q50SRby28OeDF0jWrmHBjivJr1Zre3Zv8AnosaSuV52iVc43CgDM/Zz/YC+En7M+qW2teHNNvdS8Uwo0Y13VrtpJwrKQwVF2xqCCRwmcHqa+kdopu78KdQAtFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUlLSUAeEftyQBv2WfHFxgH+z0tNS56D7NeQT5/Dys1znt/8Aq/zzXpP7UuinxF+zX8VtOC7pLjwtqaxjGfn+yyFf/HgK8e8Gat/b3g/QtT3bje2EFzn/AH41YH9a9nLn8SPPxS2ZsUUUV7R54UUUUgGyRiaNkZdysNpX1B7Vn+G/DuneEtFttI0mD7LYWwYRQ+YzldzFjksSx5J7nrWl+teXfs9gweF9esicfYtfvrfHphwcY/GuSpVjDEQhy6u+voe5h8LOrl1euqllBx93vzO1/keo18/fsD/8mm+Bf+3/AP8AS+4r6Br5+/YH/wCTTfAv/b//AOl9xWn/AC8XoeSv4bPoGiiiugxCsj4O3As/2w76Ecf2l4ED+5+zagP/AJL/AFrXrm/Dc/8AZv7XHwyuFIX+0NC13TX4682dwo/8gN+VcOMV6LOnD/xD6/opKOa+aPXFopoNL+NAC0UUUAFFFFABRRRQAUUUUAFFFI33TQAtFeJ/Gz40eMPA3xA8F+DfB/hnRta1LxJaaheLea5q8tlBAtoYN64it5WZm+0Ljp901zn/AAlH7Rl4ygzfC7RR8ob/AEbUdQxwd2P3sGecY/P2rgr47DYV8tadmbwo1KivFH0cehrxT9tHT31T9lD4qiLmS20C6vlzzgwIZv08uuXOh/HXUFQ3nxi0bTyQu5NH8GRrtOckBp7mXJ5Azt6DoDzWRr3wL8XeOtD1DRvGHxw8batpmoWzWl3ZWVrpVhHNC4Ikjby7PdhgSDhs4OM1wf27gYvSV/kzb6lWfQtWd0l9Z29zH/q5kWVD0yrAEfzqfv6844rntP8A2PfCtrawW154q8farbRIsYgn8WXkMZUHoVgeMYxx0q6n7G/wf/5evB/9qnnP9raneX2cnJz50z5/Gu18ZYOKtGnJnJ/Y1WTu5Ih1bxloGg7v7S13TdPCgk/aryOLGOudxGB/jXJap+0f8KtFDC7+I3hhWXqkerQSOMeqq5Neo6P+zT8I9BA+wfDHwhbuOPMXRLYydc43FM/rXb6T4Z0bQf8AkGaTY6cOf+PS2SLr1+6BXHPjaK/h0fvZvHJP5p/gfNi/tLfD64Liy1PUtVZeMaXoV/eZOM8GKAjGO/TPpVhfjTLeNjTvht8RtQBbCt/wjE9sD8uetx5Qx7+vrX08GyRznvScLyeg55rz58aYl6QppfibxyenHVyPmHR/HHxR1ixidPgX4gs52/1q3mr6bDGgySDlpw7cBf4ODkds145+2xP8Ubr9l/xm+vfD/S/DmiYsTcXR8RrdXMf+mwbQsKQBW+fYCfM4BJAOK/QDaVz8uO3Pavmn/gpBKi/sZ/EAO6q8h05VDMMsRqFscAdzgN+APaow/FGYYqtClNJRbtsayy3DQvKK19TQj8DfHq8x5l78ONH3BeVjv7/GSdx6wZ44HTJJ6VOvwQ+LV8A178XNIsN/Ji0nwiF285IDzXUmeOM7e/evR9W+O3w00Ij+0/iH4UsPX7VrdtFnP+8/PeuUm/bG+C8bmOH4haXqMnAK6X5l6xJzgYhV+wJxXDUznOqjag3a/Rf8A0jg8HFK6RmD9mXxBqGf7Y+NPjOZTk7dNttMshgnP8NozYxgdc+9Tr+yT4duP+Qn4z+IOrK2/ek/iu6gVtx5BWBogR2xjvWV4s/bw+E/hHTU1C6uvET2Ukqwpdf8IzfwwvI2dqCSaKNCxCsR83KqT2xXI/8ADx7wbqV9baf4e+H3xF8TahevJHZ2+naJG5uHRd7Kg87cxCAthVJwKwlWzys7SlP8UaKng4LZHoy/sY/Bz7U9xc+EH1O4kjMTzatq17euyk5KkzTNwTXQ6T+zJ8IdD5svhd4QhfJ/eHRLZn56jcUJx7ZxXmVr+1P8TtemWDQ/2cfF/wBpkQvHBr8x0xyMnbnfCQMgEnk4xT4Pih+1Fr2rPY23wJ0Pw0zKXhfWPFENwGBGVOIyhPQ54B7YXBIw+p5pVu2385f8E19rh42svwPoLSPCeieH8f2Xo+n6bg5H2O1SLnGM/KB24+lct8f9HPiD4E/EbTOpvPDmowDju1tIAfwJzXlf9n/tf+INWewWb4TeFcDcouI7+Wdlx1XDSI3PuO/XBp0nwL/aO8XveaNrfx30fwtJMhRodO8KW96k0RQhgpl2Eg8+hGPqBpSyfFc8ZyktH3f+QSxFOzSR9SfB3WP+Ei+EvgjVs7vt2hWN0DnOd9ujf1rrnkWONmdwqAZLNgYHc5r51+Gvwn+IfgzwfofgV/i1LpsWgadBpti2n+HbVGlt4YljjYtMZgzYXnAGcdBzXg3xo0/xx8WPijZ/s+6B8VfF2p6tcJ9o8Z6tcS2MNrpmlFQREFtLWDdPMrYVGP3TlgQ2U/Qo1InhOnI7LSlb9vT44JrE6mf4AfD3UD/Z8LA+V4o1mPhp2HR7aHJC9mJ/iDMF+zpJkhjaR3WNFGWZzgDHUn2r528Ffsq+A/DPh218HI/iayTT4fLtLYeLNUFoUySGjtxcCEE/NuAQE5b/AGsalr+zL8KdQzpur/D7QJtZhw8V5qFkl27kdHV5gxyB2z06YxgR7ZdC/YvW/wDXmeja58afAHhbI1vx14a0grnd9u1e3gxgbjnc46Dn6c1zX/DVfwokdUsfHOma4zfdXQi+pFvZfs6vuz2xnOD1wat6D8OfCemqulQeF9G8PatbEPb3GmafFb5wdyumxR35x65IwRx0OP7Y/wCJZqn+javB88FynG7/AG0P4cj27Y4n2/l/XYfse/8AXn6HIN+014ZuLhLfTdE8a6vcOu5Eg8H6lCH9CrzwRowOG5BI4OSKj/4X5rd3ffYdO+EPji6uGXcr3TaXZRlexxNeq/IzwEJGDkDmuywNY/4lmqf6Nq8HzQ3MfG7vvQ/gMj2zwRwBRq3/ABLNTH2bVrf5oLhON3+0h/DkfyI4n2z6f15FexXX+vP0OJT4ofFLUtSaxsvhfpWnXBG5F8QeKxb7h1629rcDgDsTz7AkRx698ZtW1CbT5rXwH4buMHakst7qYdfVTtt9w7duhPqo7s/8Tkf2Xqg+zavB80NwnG/uGU/gCR7Z4I+VNo1gf2Vqg+zarB80NxHxu/20P4cj+WMCfbS6f15Feyj1/rz80fFfiT9iHSpvFmkN4n+JWmfD2dL5odF0vw8t9pVk11cjay2ccuqOEklAKFIQhcAALkMK9s+Gv7Ot78P9CHhLT/id4p8OxQFpI7PSbLSbeCd25aYv9iM0jtgli0pLYyeQcc9+2poPiHxdoHwpi0/R73UvEPh34h6NqrPplo87i2RpVkmGwEqo3KzZwBtz2OPon/kMY0zUx9k1aH54LiMEb8dGT8hkcdM8EcJ1G1o9f60KVNLf+vP0PHbfSdQ+GfxZ+G0E3ijxRqUusardaTew6tq8tzazxnTru5jkWI/u1KvaqMhQct9QPpCvDPjVqTW1t4HudSjWLU9G8Y6PtlHSRbm6WyLL9Rdcj0BPGCB7nnp2rpou8dzmqxtLYdRRRW5iFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRTd1GTQBl+KdIHiDwzrGlnpfWc1sf+BoV/rXxr+zjqR1b4A/Dq5bJf+wLKNy3XckKo36qfzr7c3f8A6q+G/wBnG3/s/wCFNnphXY2l6nqmmlM5K+RqFzCB+SDjr0r1cvfvyRw4r4Uz02ijt1+n8v8AIqpqOr2Ojx+ZfXttZR4J3XMyxrge5OO4r3OZHnFuiuH1T46/DbRN32/4geF7MqCdk+sW6OcdcLvyfw+lYg/ah+F8wb7J4sh1TaCT/ZdpPe9OuPJRs9e3pWUq9KHxSRapzlsj1P8AWsrR/E2ma5fapZ2Fz59zpkwtrtPLZfLfGdvI5/DIrif+F8afeMf7J8G+P9aXOBJaeD9QVM4yfmliQcdOSOtTx/EnxhqTBNK+C3jq4bOA19/Z1iuNues12pHp09e9cNTMsLTavWil6r/M7KVCbhJOm7u1tdvVW1/A9Er5+/YH/wCTTfAv/b//AOl9xXosOpfGW9K+T8I7KyyQD/avi23jxxk/6mKbvxxmvE/2H/DXxd1T9mLwW/hpfBNroJN4Le41ae8kuj/p1wHLxRxhV+YEKA5yACe4HDLOsBF+19qmlo7GkcDiHHl5NT6ooHzdOfTFcjH8IfjRqSj7d8R/CWjn5crpfhWaYnnJG6W949Pung54qeP9nXxteYXU/jZr4jJBdNJ0XTbXPPOC8MrKcdOa458VZZHabfyZpHKcTLodPnv+hOK4zW5v7J+PXwK1RtwjXxFd6c3GP+PjS71QD/wNE/StRf2T7GRT/aHxL+I+pFs7v+J8trk7gT/x7RxY/D8Ke/7GXwrvnik1bSta8QzRMXWXWPEup3R3HI3bXuCoOGIzjpn1rysTxdg5QcIxb+7/ADOullFaMlJtH1PqetWOiwGbUL62sIcE+ZcyrGuAMk5JHQVw2tftIfCjw2zLqvxO8H6c6nBS6121jYHGcYMmc45xXlNj+yX8GbCZph8MPC93M2d0l/psd2zZ9TKGzXZaT8LvBug/8g3wjoOnf9eumwxdev3VHWvnpcSUvs02z0ll76shk/ba+CSsUt/iFp+qsG2Y0iGbUOdu7jyEfPH5E4PNelfDf4leHvi54N0/xX4Vv21TQb8yi3umt5YCxjleKQGOVVdSsiOuGUH5awdvTH3RxiuL/Y6kNv8AD/xbpAzs0nxv4gto1I+6j6hLOo/KcH8TXo5bmv8AaE5R5eW3zMMRhlQSad7nvdFM3Um4+tfQnCSUVHuP1rH1vxnoXhpW/tfXNO0raQCb67jh6gn+Jh2B/I0AblFeWXX7UXwis5jA/wAT/CM1yAM29rrNvPMM9/LR2bHTnHUgd6qt+1N4Aa4SG0uPEGryuMomk+FNVvdwx1BhtmGODznA6HFK6Hyt7I9dorx8/tGJcXgtNN+Hfj3Urll3rG2jpYsy+o+1yw9+PzPQEhn/AAufxxeah9htPg9rdldMu5U1zWdMtww74ME8+ce2eAe4IqeePcrkl2PY6RvumvGI/Hfxk1DUpLBfA/gvRJQNyPfeKrqdpB0yETTwuO/+szgYwOdrLW4+NeqajNYXPiPwL4cuV5WMeH7zUDInqjm9gGe/KnHTB5pe0j3H7OXY5r9pK8ttA+NvwJ1u8uIrO0F/rGmzXFxII0QS6dJKNxbAwWtR7Va1b9oL4X6DuGo/EfwlYsP4bjXLZGyBnGC+c47Y7/hVPxR8EfEfxch/sD4h+MtN1EW8v2m3s/8AhD9Ontw4UqssS3iXAB2lu2ck84yopeGv2T9CsZJ9OuvFGu2epjcVawttM05JQe6izs4eMKMgY6Z6g4+dx+W0sdWVWU2tLHoUKs6MXG1yr/w198H5GYWnja01dlJB/se2nvzwu448iN8nHXHT61O/7TGg3MZk0rwn8Qdag5zcWngrU0hXC7iS80MagAY79x1rqLX9n7wxqfnaXrmpeMLrVQvyyXvjLV5oZlHRhE1z5XQYICjOCeucJa/sy/CjUC2nav8AD3w/LrMWHivL+xS7eQj7sitKGJI/l0xjC8Ucjwn2pSf3fcbPE1ey/rqeW6p+2TpumtsPgXxBZy8ZGualo2kqvy7iGNzfoykDnlfqa5Kb9uTVb7XvD+j6F4D0PV77W7j7La+X45sp4w4iklbe9olwoAWIjIPLcDpmvqjQ/hv4S0+NdJh8L6L4f1S2w9vNp2nwwA4OQ6bFHcZIH14I48m/a6vn/sP4atqCLFqeleOdMcSAcSpOs1qSp7ZNwOPb2IHdh8nwEpxjKGj8zGpiK6i5J7HPf8LF+OmoYaHw58PtHVtu1Z9Wvb11yechbeIE49DVdtR+O+qj/SPGngrRMj7umeGLi4bk8fNLedccZ2456V3JzyD+OaPX86+zhw5llPakn63PnnmWKl9o8/l8L/FTUBtvfjXqcEbBsrpWgadb5yeMGWKVhgZHBz3qvL8INVvt/wBv+LHxGvd+c7NajtOT3/0aGPBx0xXpFBx3GR6V3QynA0/hpJfJGEsZXlvJnj+m/sz6FJNqMviXW/Eni5p7qSW3bUvEOot5EDABYiDckSY/vkZOa8f/AGzvgJ8O/BP7NPjPW9G8IabZ6zB9j8rUBFvuE3XluhxIxLDKkjr0J9a+gvBPibU9S+JfxA0a+ufOt9LlszaR7FXy0liLEZABPPc5Neeft8f8mm+Ov+3H/wBL7aijDDSoynRha2h6mY0sTh8UoYiSbaT021Wm1j1zSfhn4P0LH9m+E9D07b0+y6dDFjt/Co7V0ccaxRrHGqpGoCqgGFAHQY7Cnf5/WjrxXpwilFWR4UpNt3PLfj0jRTfC7VxuEek/EHQbqVu6I92sDfTibH417d8VLJfFX7U3wm0YTmA6ZoWva0WRsFX3WNtER/3/AJfyP1HhP7VV8dL+B+s6kP8AlwvdNv8A6CLUbaQn8Ahr26a1tvFX7ZniON5vKl0PwPp8EEinDJNc313I+P8AgNrESPf8a+ezPSVz1cDsesD/AInJ/szUx9m1eD5oblON3+0h/Dke3bHyn/Ia/wCJZqf+i6vB88NynG/HR1/Lkfyxwca0o0zVP9G1a3+aC4Tjf/tKfw5Ht7YCD/icj+zNT/0bVrf5oLhON3+0p/Dke3bHHzmj2/ry9T2/wt+HmvLuhf8AkMf8SzU/9F1aD5oLiPjd/tqfw5Ht2xwHOtD+y9T/ANG1aD54bhON/o6/lyP5Y4P+QwP7M1T/AEbVoPmhuE43/wC2p49OR7dsfLy/xK+JGgfDrwHrWvePL5dFh0G2N218uNz44XyhkbndsKEH3iQBg9ErvTe/9a+fmLb5f1deXkcB+098eLn4W+D7LQ7LS21r4sa5cLp3hPS7cfNdXLY/fn+7DHw0hOBwoJXOVufs2fAO0+D/AIMu9E1u6bUPiJq10+sa54mYlpdRvXJZnViB+7U5Cp2ALYDFseffsx/DrWfit4wv/jb8VIJ9O8da3aJH4W0ibgaDpON0YQcDz5fmdzgEBiPlJdV+nMf2x/xK9VH2bVrf54LhON3oyn8OR7diOLlokl/w/kxLe70/TzXkC41j/iWan/o2rQfNBcJxu/21P4cj+WOA/wDE5/4lmqf6Nq8HzQ3Ccb/9tD+HI9u2MA/5DH/Er1T/AEbV4PmhuE43/wC0p/Dke3bGAf8AIY/4lmqf6Nq0HzQXCcbv9tT+HI9u2OJ/r18n5j/r/gryDjWB/Zmqf6Nq8HzQXCcb/wDaU/hyP5Y4P+Q1/wAS3VP9G1eD5obhON/+0p/Dke3bHB/yGP8AiWap/o2rwfNDcpxv/wBpT+HI9u2MA51j/iWap/o2rQfNBcJxu/2lP4cj27Y4P6/4D8x7f1t5ry7oONYH9map/o2rwfNBcJxv/wBpT+HI/ljg/wCQ1/xLdU/0bV4PmhuE43/7Sn8OR7dscH/IY/4lmqf6Nq8HzQ3Kcb/9pT+HI9u2MA51j/iWap/o2rQfNBcJxu/2lP4cj27Y4P6/4D8w2/rbzXl3QcawP7M1T/RtXg+aC4Tjf/tKfw5H8scH/Ia/4lmqf6Nq8HzQ3Ccb/wDaU8enI9u2OD/kMf8AEs1T/RtXg+aG5Tjf/tKfw5Ht2xgH/IY/4lmq/wCjatb/ADQXCcbv9pfy5Ht2xwf1/wAB+Ybf1t5ry7o5X4nePv8AhCfA+o6lqfhvxB4j1XSjE0Nj4UsftmoXO+RY98EW5d+3ducAjCqx7YHU8ayRpeqf6Nq8HzwXCcb8fxp+XI/qOOS+LHxH074c/DjxB4i8VWt5JJ4cs31B20tEa4ljTkvEHdATjqCw6HGMcbXhbxFa/EjwzpFzIJLW4vbSHULG4ICs8ciK6OMEjOCMgHtx04N/n/Vn5h/Xp5ry7nEftH3gb4J+Jn1SNYtU8PRw67HMOA4s547nep+kOSPbPbA92Hv1ryr4saGPiB8LfGXhPVYgNWutGvbaGRek2+B1yvrnPI/kR8vX/C/xEPF3w38Ja6G3jVNJtL3d6+ZCj5/8erroO6f9feclZar+l8jqqKKK6jnCiiigAooooAKKKKACiiigAoopKAForhPGnxw8BfDnWI9J8T+L9J0PU5IFuUs766VJTEWZVfb12lkcA99p9DWD/wANXfB5WxJ8S/DMK9S82oxxqB6lmIAHuTxU8y7js+x6zRXlH/DWHwT6/wDC4vAOP+xnsf8A47Utn+1J8G7+fybb4ueBbmU8iOHxJZu35CSndCPUqK88/wCGhvhbwP8AhZfg/J6f8T61/wDjlWLD46fDnVHZLP4geF7t15YW+s2zkfk5pjO7orkf+FteCf8AocvD/wD4NIP/AIqrtj8QfDGqIz2fiPSbpFOGaG+icA+hIalcR0NFY/8AwluiZwNZ0/P/AF9R/wCNXrPULfUIRLa3ENzFnG+Jwy59MimBaopm49c5H0o35xg5zQA+imbuCc0bj+uKAHHgGvM/2hPi3qHwX+Hf/CRaZoMXiO9k1Kx0yOyuL42ce+6uY7dHeXy5Nqh5FJ+XpXpW7rnivBv25k/4xb8aXJGDpxstUBwOPs19bzk/T93z7VE24xbW447ozm8a/tEXxUpo/wAM9FQnnzNQ1DUGAwc8CGAE5x3wBnkmofJ/aB1dVa8+JHgvReADHo3hCaXPHOHnvmx/3yenat7WfjD4C8Plzqvjfw5puzO4XmrW8ZAHJzucY7H8c1xeq/thfBPSZGSX4neHLll/hsb1bsnAzx5W7PHp/PivzqWZ5pOT5fwj/wAOe8sNh1uX/wDhXfxT1LaNU+PniIRELvTRtD0q0zg8kF7aVlzn+9jjmuT0f9jbQNKW7VvH3xDuhd3U17cKviA2gknlmM0z4tkiwXdyTtx1IGBWva/tcfD3WHEWgjxR4pnzgQ6L4S1S6J+XdkFbfaRgdj3HHUiS3/aOu9S1FLDTfg/8ULy5kBKLNoUdhkBd2c3c8Qxj9RgZwaXts5l1kvwK9nho7pES/sd/C2b5r/S9Y1uUnLSar4l1K63855V7gr+laWm/snfBnSZC8Hwu8KSyZJMl3pUNwxJOc5kVjnPeuI+LP7Unjn4R+DdU8T638DNbsNI0yKOe4k1HXtOjcI7qgISKSViQXUYAJHzEgYq3/wALZ+NmrIrWngDwZoiFVO7UPE9zdEZPP+qslXp/tDnua0p5fnWKbs5S/wC3v+CRKvhKK9633HsGkfDXwjoH/IM8K6JpuAQPsmnQxdTk/dUd66SvnRvEnx71L5X1j4e6GjbSWg0e+vHTJzxvuYwePUc57VWl0f4xXyn7T8YorItn/kE+FrSLGT2E7zdOnOa6Y8LZrU+K3zZg80wkP+GPpM4PUZPU8dTRjuP0/wDrda+Zpvhh4p1Hc2qfGXx7cu+7K2txY2KfMeSPJtVI49+O1Ydx8EYdQ8TCx1fUfHWv6LJaPK2o33jnUAizFgvkiCOZOqZO4ce1dS4Pxf8Ay8mvldhDNKVTm5Fsr6tL8+vlufWhbywWchEA5YnAA69f8+tfJP7AfxK8I+E/2OPh9DrfinQ9Gnj/ALQDR6hqMMDKTqF02MOwPTB+laD/ALLvwsuJDJeeDrPVHLbi2qSS3hzjGf3rt2ry79hP4b+EtQ/Zl8Gatd+FtFutVnN6Zr+bT4XnkIvJ0G6QruOFVVGTwAB0r16fCclSeHnV+Jp6Ltf/ADOF5tF/vFDY+nr/APa4+DGmzCJvih4XuZW4CWWpxXRbv0iLf/WrG1D9tb4Tafp1xfJq2sX1tbwm5lmsvDWpSxpGBlnaQQbAAoLElgABWvY6daaXH5dnbQ2kfHyQRhBx04Fc18XdKbXPhP4101F3PeaJe24VRyS1u6j8ea3XBmGim51H8rIx/tibaSgjE1b9vzwhp2hvrlr4A+JmsaFHALptUsfC8i2oiLBRJ5srIu0kj5s4II5zxUkP7XXjTWrr7Lo/7OfxIWcgmNNcsf7OLAHHQqx6c/gcZxV7XNR/4S7/AIJ6fB/SRLtufFEHg7Q/M6/NJdWSSn/vlJK+odv9sf8AEs1T/RdXh+aG5Tjf3DIfw5H8iOPLlkmCpWjyt/P/ACPShiqtRXvp/Wp8pyfGT9pLWNT+waV+zna6ZJhis2reMLXDDPGE2oxOMngkHnnirBuP2uNc1CSws9F+Ffhm4KllXWri+mJX1RoWYEjryvr6GvqXA1gDS9UH2bVrf5obhON/+2p/Dke2eCODH9sD+y9UH2bVoPmguE43Y5DKfw5Ht2I4qOXYOO1JfO/3ddSva1esv67+aPl6x+F/7UOu6jNp+q/Fnwj4XuxuK/2ToH2lXXAAKeeOe55P4dcdJ8EvgX8Ufhnb+ItGvPjNb3eq6xq02tXN6fCcEck80kcaMU/fGMLiHO0IDnJ9RXvuBrH/ABLNU/0bV4PmhuI+N/8Atofw5Ht2I+VNv9sf8SvVP9G1aD5oLhON3o6H8OR/IjjtpU6dB3pRSv5fh5GcryVpf15+aPPNP+G3i/UppdO1z4y+M4dQUHZFZ2ukW8Djs6lbHzCcZyN/rwCDiOy+Blhqhm0zXPF3j6bVVXKTL4v1C1STHRlFvLECMcFcYOTxkfL6Rj+2P+JZqf8AourwfNDcR8b/AEZfy5Htngj5T/kMf8SvVB9m1aD54LhON3+2h/DkfywQN+eXf+uz7Mjkj2/ruu6PMof2afhtq0cmka74b+3aogyk2rX1zfiXHRx58j54yMehIGOQNTQfgP8ADXT1OlQ/Dzwr4f1SL5objTdEtrffzncuxB3AJHqM8Ecdyf8Aic/8SzVP9G1eD5obhON/+0p/Dke3bHBzrH/Es1T/AEbVoPmguE43f7Sn8OR7dscTzS01/wCD5PzKsv6/NeRFZ2dvdW40W6gj03UbYl7eS2QRqx670xjrjJHfrwRxKB/bH/Es1T/RdXg+aG5Tjd33ofw5Ht7cB/4nP/Er1T/RtXg+aG4Tjf8A7Sn8OR/LGAf8hj/iV6p/o2rQfNBcJxu/2lP4cj27Y4X9evk/Mf4fp5ry8gA/tr/iWan/AKLq0HzQ3EfG/HR0/Lke3bHBj+2f+JZqf+i6tb/NDcJxv9GT8ske3bHAf+JwP7L1T/RtWt/mhuE43/7Sn8OR7dsYB/yGP+JXqn+jatB80FwnG7/aU/hyPbtjAP1/qz8/MPw/TzXl3QgUax/xLNT/ANG1eD5oblON3+2h/DkfyxgLj+2saZqf+javb/PBcJxv9HT8uR/LGAf8hj/iV6p/o2rwfNDcJxv/ANpT+HI9u2MA/wCQx/xLNU/0bVoPmguE43f7Sn8OR7dsYB+v4+T8xa/1+a8u6DH9sf8AEs1T/RtWt/mguE43f7aH8OR/LHBtXWB/ZmqD7Nq8HzQ3EfG//bQ/hyP5Y4P+Qx/xLNU/0bV4PmhuE43/AO0p/Dke3bGAf8hj/iWap/o2rQfNBcJxu/2lP4cj27Y4P6/4D8x6ry/rdeXdBxrA/svUx9m1a3+eC4Tjd33ofw5H8sYB/wAhn/iWap/o2rQfNDcJxv8A9pD+HI9u2MA/5DH/ABK9U/0bV4PmhuE43/7Sn8OR7dsYCf8AIX/4lmqf6Nq0HzQXCcbv9pT+HI9u2OD+v+A/MW39fivLyF/5DA/szVP9G1e3+aC4j43f7aH8OR/LHHhP7amqxQ/AS7fVzFba5o+taNqFnIzBRP5Wp27uU/vHy1kJX/ZJx8pA92/5DWNM1P8A0bVoPmhuE43/AO0h/Dke3bGB8Jf8FevFl1p3wI8HabdReXqqeJVkEqqMSKLO6QMpx6yLkew9MDWjpUT/AK+fmZ1Pga/r1Xkz6B6Y+mOaKrabepqWnWt5H/q7iFJVPswBH55qzX6FHVHyT0YUUUUxGXZ+HdL07X9R1W3t1h1PUVj+1S72ZpFjG1MgnAwD1A5rxH9vj/k03x1/24/+l9tXt0fh3S4PEsmtrbqusT2otmnLtkwq24ADOPvE84/GvEv29/8Ak03x1/24/wDpfbVyuPLTkrJeh6FabqVYSlOUnZfF+S1ei6H0D/n9aKP8/rRXRD4UcD3Z5t+0vpiax+zz8SbeQZC+H76ZQBn5o4WkX9VFegfAXU7P4lfFf4w688vlz3FzotnaXK8EeVpNvOwU+0l4+R7/AJYvxJ0c+IPh14p0teWvtKurUf8AA4XX+teF/sY6p8VPHH7Pi/2FoOgra69d3F2mrateSJLNsVLRiqICcD7Ljr/yzOOnHzOdT9moySufTZHhXjK3s+dQS3baSS+e/ofoEJP7cA0zUiINWg+aC5iON/feh79OR7Z4I4XH9sf8S3VP9F1eD54bhB9//aXpnpyPbtj5fif9lXw38cde1azjv9eutJ8MwHzEGvxNPJKAeluGIcDA4O4DqcEivtVZBrn/ABLNRIg1a3+aK5jP3sfxL/Uex6Y4+Vw+IeIjzONntr1/4PZn12eZPHJsT9WhXjVsr3hd2/rqk3YczDWFOm6o32TVbcb4bpDjcB/Gp49OR7Hpjj5D00yft7fGeKTUZ4x8GvAF2/8AZ5iXMXijWEJBnGRh7aHBwAcOeeQzBPnv9sb9r34hap+0V4r+BUE083ha7uNP0q5m8P6cbrV4kaON7sWYVgXaRXKlGzynGzmv0b+GvhLQvD/gHQPBul6WfDtrpNnGmmQiJomWPGQ2GAbeerhvmLbifmBx3P3LX3f9a+Z81o/Rfh6eXc6ZQNYH9man/ourwfPDcJxv/wBtfy5H8iOD/kNf8SzVP9G1eD5obhON/wDtIfw5Ht2xwf8AIY/4lmqf6Nq8HzQ3Ccb/APaX8uR7dsYB/wAhj/iWap/o2rQfNBcJxu/2lP4cj27Y4z/r/gPzL/r0815d0HGsD+zNU/0bV4PmguE43/7Sn8OR/LHB/wAhr/iW6p/o2rwfNDcJxv8A9pT+HI9u2OD/AJDH/Es1T/RtXg+aG5Tjf/tKfw5Ht2xgH/IY/wCJZqn+jatb/NBcJxu/2lP4cj27Y4P6/wCA/MNv62815d0HGsD+zNU/0bV4PmguE43/AO0p/Dkfyxwf8hr/AIluqf6Nq8HzQ3Ccb/8AaU/hyPbtjg/5DP8AxLdT/wBG1aD5obhON/8AtIfw5Ht2xgH/ACGv+JZqf+jatb/NBcJxv/2k/Lke3bHB/X/AfmH9enmvLuHGsD+zNU/0bV4PmguE43/7Sn8OR/LHB/yGv+Jbqn+javB80NwnG/8A2lP4cj27Y4Mf21/xLNU/0XV4PmhuE43/AO2h/Dke3bGAf8hr/iWaofs2rW/zQXCcb/8AaQ/hyPbtjAP6/wCA/MX9enmvLug41gf2Zqn+javB80FwnG//AGlP4cj+WOD/AJDX/Et1T/RtXg+aC4Tjf/tKRj05Ht2xwn/IZ/4lmpn7Nq0HzQ3Ccb/9tD+HI9u2MBf+Q1jTNT/0XV7f5oLmPjf/ALaH8OR7dsYBv/X4PzH/AF6ea8u6OM+M/gmf4xfCDxr4Aufs9p4j1PRryysLm4JWFpZIWWNywUkLuKlgATgEgZGBN8JfCt74d+FXgzwN4lkgj8TeH9Gs7BryzZmimkhhSMyRMwUlSUJwQD3wCOOovPtGtWc+l3HlWviGBGazunB8tnwdrjGCRkDIGDwcYI+XG8Cr4m1jwnp2l/EVdJtPHduhae48PmX7E7hjtaAygPgqFJU9wcYxw7txt/T8vXzFs77f1uvI3do1sHStVH2bVIfmhuE43/7an8OR7e2By/7K7NH+z34EsZDmTSdPXRmP+1aM1sR9cwmuo3f20f7M1MfZtWg+aK5j43f7SflyPbtjA5D9mlZ7Hwf4k0e5YNc6X4u1yOTHT99fzXS/htuVrooPV/mc9Zbfl+qPX6KKK7DlCiiigAooooAKKKKACiiigApG+6aWkPQ0AeIw2Npqf7UXju2lk+z3X/CG+HJLeRThlK32uZI/Mcfj2zXoCt/bX/Es1P8A0bVoPnguE43H++n5cj+WCBwENjaan+1F47tppPIuj4N8OSW0i8MrLfa5kj8xx/hmu/H/ABOsaXqf+i6tb/NDcJxv/wBpfy5Ht2xgcFX47d/x/wAjup/D6fh5+a7ij/icj+y9UH2bV7f54LlONxHR0P4cj+WOIbqzg8TQnRdchjGownfDKyAq5HR1z9OR9emCBM3/ABOf+JZqn+javB80NwnG/wD2lP4cj27YwE51j/iV6p/o2rW/zQXCcbv9pT+HI9u2MDK7/r8n5muna36ea8u6MxfC+i6up0rUtIsLTVofmhuY7ZBvI/jU49uR9emCBWu/AvhzxRH/AGPrvh7Sv7St/mgmayjYN/tJlfzH16YONw/8Tn/iWap/o2rwfNDcJxv/ANpT+HI/ljAOdY/4lmqf6Nq1v80FwnG7/aU/hyPbtjhXemv9dn5hp2/ruu68jl0+FvgvVlbS9S8IaDa6rF80dxHpkA346Ovy89OR9emCBVufgv8AD7xNu0zXPAnhkatCuYbltHtzv/2lJTnI6j6+hA7I/wDE4/4lmqf6Nq8HzQ3Kcb/9pT+HI9u2MA51j/iWap/o2rQfNBcJxu/2lP4cj27YwHd6a/8AB8n5isu39d15HCR/AX4ZapHJpOofDnwnaaonKTx6JagSY/iHyc8DkfXpggUpf2a/hD4geXT9Z+FfgmPWFGUuv+Eds8y+jA+Xz7j69MED0g/8Tj/iWap/o2rwfNDcJxv/ANpT+HI9u2MA51j/AIleqf6Nq1v80FwnG7/aU/hyPbtjg5n3/rt5MLLt/XdeR5hD+y78GdRjk0m++EXgSy1NRlJ4fDVkolx/EuIhn3H16YOHQfsx/CbUI5NIu/h34d0zUIxmJrPT44Yn9GRFAXHHKgDuRg5x6af+Jz/xLNU/0bV4PmhuE43/AO0v5cj27YwDnWP+JZqn+jatb/NBcJxu/wBpT+HI9u2ODml3/rt5MXKu39d13R5jB+zL8KdQWTSr7wBodlqifMk8VoqiTH8a+vA5H16c4da/s2/Dm8WTSbzw6bHU1GY5Yb65VJPRlHmY6D7v1xjBA9MP/E5/4lmqf6Nq8HzQ3Ccb/wDaU/hyP5YwDnWP+JZqn+jatb/NBcJxu/2lP4cj27Y4OaXf+uz7MOVdf6813R5nafs3/Du6V9Lu9Bl0/V4xmO6t9Su0L45DoRKOeO3vjBBxEf2Y/hv4gtLnQfEWgz390yYH9q6reX0Uy+oWeZlI4yRj34I49RP/ABOf+JZqn+javB80NwnG/wD2lP4cj27YwD/kMf8AEr1T/RtWg+aC4Tjd/tKfw5Ht2xw+aXf+u3kx2XX+vNd0edaX+zf8JNraW/wv8GaTq8IzHc2nh+0j8zvuUiMZ6ZI9s8EfL3em6XZC0XQZLO30i8tiZLdrONYkJJzvQKAOcZI79eCOLX/IYH9l6p/o2rwfNDcJxv8A9pT+HI9u2MA51j/iV6p/o2rW/wA0FwnG7/aU/hyPbtjAn+vXyfmP+v8AgruvIX/kMf8AEr1T/RtWg+eC5Tjcf76n8OR7dsYCca1nTNUH2bVoPmhuU4345DL+XI9s8EfKH/icD+y9U/0bVoPmhuE43/7Sn8OR7dsYC86xjS9U/wBG1a3+aC4j43f7SH8OR7diOF5d/wAfJ+fYNPT9PNeXdHjn7YWlxeLv2Wfito2sRCPU7Lw5e3sUi8CXyIjNuU+/ljI9umRgcp8O9VGufD/wxqWQ32zS7W4z674Vb+Rr1v4zWtn4o+EHjvQvElxb6XOug3ytqE7iOFYzbuGlLnACgZLZwMAnjB2/O37L+qf2x+zt8OLgksV0K0gOeuY4hHz/AN8V9Hk8tZJ6/n8zxsxj8Nv+B8vU9Ppcn1pKK+lsjxQ6c9K5bWvG50fx94d8Nmy8xdYiuXF15v8AqzCoYrtwc5yO9dTXMeIvA417xl4W8QfbDbvoLXJWHyt3nedGEIJz8uAPQ1y4j2vIlR3uvuPXyqWE9s/rvw8rt6202Onr5+/YH/5NN8C/9v8A/wCl9xX0DXz9+wP/AMmm+Bf+3/8A9L7ir/5eL0POX8Nn0DTZY1mjdHGUYFSD6GnUfhn6Vs1dWMdjxb4K3D+NP2Z/2QfDQlaC4uPE8pdlP3BpsGpOfykgj/EV9q8a0P7M1T/RtXg+eG4Tjf8A7aH8OR7dsYHw9+y7Yw6x45+GngmO58keDr7x5cKyN90jU4IYWXnpi6l49M/Wvt6OZNe/4lupSLBqtv8ANDcxH7+P41PHpyvt2xx8FiP4jX/DM+soJ8ia/wCG/wCB3H8awP7M1T/RtXg+aC4Tjf8A7Sn8OR/LHB/yGv8AiW6p/o2rwfNDcJxv/wBpT+HI9u2OE/5DH/Et1Q/ZtWg+aG4Tjd/tqe/Tkfyxwo/4nWNM1T/RdWg+aC4Tjf8A7Sn8OR7dsYHN5/16PzN9vl+HmvLug41gf2Zqn+javB80FwnG/wD2lP4cj+WOD/kNf8S3VP8ARtXg+aG4Tjf/ALSn8OR7dscH/IY/4lmqf6Nq8HzQ3Kcb/wDaU/hyPbtjAOdY/wCJZqn+jatB80FwnG7/AGlP4cj27Y4P6/4D8w2/rbzXl3QcawP7M1T/AEbV4PmguE43/wC0p/Dkfyxwf8hr/iW6p/o2rwfNDcJxv/2lP4cj27Y4P+Qx/wASzVP9G1eD5oblON/+0p/Dke3bGAc6x/xLNU/0bVoPmguE43f7Sn8OR7dscH9f8B+Ybf1t5ry7oONYH9map/o2rwfNBcJxv/2lP4cj+WOD/kNf8S3VP9G1eD5obhON/wDtKfw5Ht2xwf8AIY/4lmqf6Nq8HzQ3Kcb/APaU/hyPbtjAOdY/4lmqf6Nq0HzQXCcbv9pT+HI9u2OD+v8AgPzDb+tvNeXdBxrA/szVP9G1eD5oLhON/wDtKfw5H8scH/Ia/wCJbqn+javB80NwnG//AGlP4cj27Y4P+Qx/xLNU/wBG1eD5oblON/8AtKfw5Ht2xgHOsf8AEs1T/RtWg+aC4Tjd/tKfw5Ht2xwf1/wH5ht/W3mvLug41gf2Zqn+javB80FwnG//AGlP4cj+WOD/AJDX/Et1T/RtXg+aG4Tjf/tKfw5Ht2xwf8hj/iWap/o2rwfNDcpxv/2lP4cj27YwDnWP+JZqn+jatB80FwnG7/aU/hyPbtjg/r/gPzDb+tvNeXdBxrA/szVP9G1eD5oLhON/+0p/Dkfyxwf8hr/iW6p/o2rwfNDcJxv/ANpT+HI9u2OD/kMf8SzVP9G1eD5oblON/wDtKfw5Ht2xgHOsf8SzVP8ARtWg+aC4Tjd/tKfw5Ht2xwf1/wAB+Ybf1t5ry7oONYH9map/o2rwfNBcJxv/ANpT+HI/ljg/5DX/ABLdU/0bV4PmhuE43/7Sn8OR7dscH/IY/wCJZqn+javB80NynG//AGlP4cj27YwDnWP+JZqn+jatB80FwnG7/aU/hyPbtjg/r/gPzDb+tvNeXdBxrA/szVP9G1eD5oLhON/+0p/Dkfyxwf8AIa/4lmqH7Nq0HzQ3Ccb/APaU/hyP5Y4P+Qx/xLNU/wBG1eD5oblON/8AtKfw5Ht2xgH/ACGP+JZqv+jatB80FwnG7/aU/hyPbtjg/r/gPzDb+tvNeXdB/wAhj/iWamPs2rQfNDcJxv8A9tT+HI/ljA+If+CnljP4u8M+FdG1KAC60ux1fWnk2/LJHbpbnev/AH1z/kD7e/5DP/Es1P8A0bV4PmhuE43/AO0p/Dke3bGF+Xf2qNPuvHvju98NXtvm9sfhL4xmVgPlkMx0+KN199wPHt25Fa0vj/r8fMyqfA1/XqvJi/BLU/7a+DPgLUM5+06DYTHnu1uh/qa7WvIf2Rb4X37NvgNg25YbH7KGHT91I8X/ALJXr1ff03eCZ8nUVpsKPwz7UUVoSeY+JI5Lf4/eDrgIzRXOl3luZFU7flw4z/kdK4v9vj/k03x1/wBuP/pfbV7bq3iSw0XUNLsrppEuNSlMVuFjLAsBkhiBhfqeteJ/t8f8mm+Ov+3H/wBL7avPjTVNVEpXu7+h7+MxM8RDCqULKMbJ9HZ7/ofQP+f1oo/z+tFdsPhR4PVgVDAgjIPBBrxn9k/xZ408H/s5eE/Anhr4bXHim40W51O1i1f+1IbBDJHqd0GI35PG05AznHtkezV5V8D9a+ITaJ4u8MeCtD0O6GneMtYf7dqd68TQSS3AuQqKqk42zA9e49OPnc9T9jFp21Pq+G1CWKanCMlb7cnGPro4t+lz0u/8QfHzxPPDpy+FfCPh3UIh5kc2pahNK/uVMS+3P1HpXhGg/Cf466p+0BrkNvrn/CO3Qulub3VIWYac7vGjsYYn4lbByRjqDkrXvJ0T4/8Aiy8j0/VvE3hHw9dwkSRvYWE0zkD+JC7DJ4zj/DhV+CfxL8TXzWPij4z6lHexnzIRpuk29oCMdUdeTzn9OMjI+EqUXWaVpuz7pfLdH6/gM0pZZGryzw8OeLTXLOdr9V7sk/RuxpeFfD/wr+GvjbUtK1E6Ro3xT1pv7Su9cuAI7vUnkdv3iSuc7Syt+5Rtq44A7euiRNe26dqJFvqsHzQXEZ++OodD36DI9vbj48+IH7FeqeLvHumrrPjzUJLOKBvt+p+Irv7RJt35RbcEKApy3BOByfavZPCPjj4OfCXwjb+DLr4heHdGn05t1vPeeIIXlmY4wybnyWOP9WoH+yB27aNStVlKMoWiu738v+CfJZtg8pwuHo1cHiuerLWUVGyjfqnpo/5bP5HsfGsD+zNU/wBG1eD5oLhON/8AtKfw5H8scH/Ia/4luqf6Nq8HzQ3Ccb/9pT+HI9u2OPFdc/bJ+D1vprjXfGIFxaENHqGlabeXsbDPEitBC4weM9OmeMccnN/wUC+FviC1a0hkv9a1a1fEbafLZW8u4dG2XNzCyZOAQwUZIPA5HcoSfT+vP/M+R5kvl+Hp5PsfS3GsD+zNU/0bV4PmguE43/7Sn8OR/LHB/wAhr/iWaofs2rwfNDcJxv8A9pT+HI9u2OPmFP21LnxtpaDTPhrr99eQnEd1HHNOwfg9NPgu/mxjcoPcHgEELbftHfE74kabGdL8AxFoH2rqFnpur3OxuCCPtFpZDJGCVyDyM7eCGqcn/X9feL2kV/W3p5PsfTv/ACGf+JZqf+jatb/NBcx8bv8AbT8uR7dscHOtf8SzU/8ARtXg+eG4j43/AO2vT05Ht2xx8wWXxN+L/wARbdt1prYWzk2fadB8FWcbJIMEgTTa1Ir+5VQCMHAyDU1hrXiLx5va4uvjnrMVnNsLWNl4bsolb0SWILISRjJEh7EY4q/Yyf8AX9feR7Vaf1b08vI+medab+y9UP2bVoPnguI+N3oy/lyPbtj5Y5po9Qhey1l1sdStQZI7zO1WA/jVuB25Ht2xgfNul2/hjxk0k0/w/wDjh4oa1kKNPdeJ5BBv4ztSPU0ibnDZVTjIIwCKsaBp/wAKdemnuLX9mXWtektJdhvNR0fTL4q45+SWe7fJHHKnoR2IqvYb3d/6/rUXttrL/gen+R6xrfxw+HVlFJp/izx94X0HU7Nv3d1dazbwDIOMqWcc5ABXj8CMDJX9o7wB4hs2tm1e81e+tzmG88N6Pe6oHPZkNrC+ckYIHUjHBGBU8D/FvQ7dZx4T+BfimzitW8lpNM0vS4IwQMbVZbsKeMdD0IPQitzR/wBpm012OZ7b4e+PJPJkMchh0hJkDDsJI5mRuMH5WPUetUqC6sn2r6L/AIH9diifjPL4m08RQ/Dzx9qN5CcwXkGgtYFvRx9sa3K54ypx+BBC+bfs/wD7QnxR/aB+Gc+oXnwxtZdd07VrzTHv4NWgsLeKWGTbtKF55VYDAfA2k8rwRj1jSf2mtP15J5NO8B+OruOJ/LaWLQ9ybvQN5mD17Hv6V5/8BfGPhT4W6T4nsvCPg74mavZar4gvNcuZLrR0lWG4uCGkiiZNo8sEAgHcfm5Y5rT2Ubake0le6O7vIPjV4hsYY7nQPAmh3EfzJeDXby9kUj+IqtpCAemQGIyM56Y6j4OeANc8C2/ia58R6xY6vq/iDWP7WmOmWL2lvAfsttb7EV5JGOfs3mEkj5pGAAAGec0n9prT9eWeTTvAfju8jify2lh0Msm4YyAwfB7dPXNGk/tNafrqTPp3gPx1dxQv5bSw6GWTd3AIfB69vWrjBR1IcnJWex7TRXjOm/tReH9YieS08M+OJxG5jk8jwpezKrDqN8aMp7dCeop2m/tReG9aheXT/Dvjm9iRijSW/hDUHXcACRkRY7j86sk9korxvTf2ovDetQvLp/h3xzexIxRpLfwhqDruABIyIsdx+dGmftReG9aieXT/AA745vYkco0lv4Q1B13AAkZEWO4/OgD2SivHNL/ai8Na1E8un+HPHN9CjlGkt/COoOu4AEjcIsdx+dO039qrwPq0LS2dl44u0VvLdrbwBr0yqwAJXclkVJ5HQmgR7DRXGfDH4ueGPjDpWoaj4WvLq7t9PvTp92t7p1zYTQziKOXY0VxHG4/dzRNnbghxg12dABRRRQAUh6GlpD0NAHiUFjaap+1J47tppPIuj4N8OSW0i8MrLfa5kj8xx/hmu/51rGman/o2r2/zQ3Ccb/8AaQ/hyPbtjjgIbK01P9qPx3bTSeRdHwb4cktpF4ZWW+1zJH5jj/DNd+P+J1jS9T/0XVrf5obhON/+0v5cj27YwPPq/Hb+n6+Z30/hv2/DzXl3DjWB/Zmqf6Nq8HzQXCcb/wDaU/hyP5Y4P+Q1/wAS3VP9G1eD5obhON/+0p/Dke3bHB/yGP8AiWap/o2rwfNDcpxv/wBpT+HI9u2MA51j/iWap/o2rQfNBcJxu/2lP4cj27Y4y/r/AID8zTb+tvNeXdBxrA/szVP9G1eD5oLhON/+0p/Dkfyxwf8AIa/4luqf6Nq8HzQ3Ccb/APaU/hyPbtjg/wCQx/xLNU/0bV4PmhuU43/7Sn8OR7dsYBzrH/Es1T/RtWg+aC4Tjd/tKfw5Ht2xwf1/wH5ht/W3mvLug41gf2Zqn+javB80FwnG/wD2lP4cj+WOD/kNf8S3VP8ARtXg+aG4Tjf/ALSn8OR7dscH/IY/4lmqf6Nq8HzQ3Kcb/wDaU/hyPbtjAOdY/wCJZqn+jatB80FwnG7/AGlP4cj27Y4P6/4D8w2/rbzXl3QcawP7M1T/AEbV4PmguE43/wC0p/Dkfyxwf8hr/iW6p/o2rwfNDcJxv/2lP4cj27Y4P+Qx/wASzVP9G1eD5oblON/+0p/Dke3bGAc6x/xLNU/0bVoPmguE43f7Sn8OR7dscH9f8B+Ybf1t5ry7oONYH9map/o2rwfNBcJxv/2lP4cj+WOD/kNf8S3VP9G1eD5obhON/wDtKfw5Ht2xwf8AIY/4lmqf6Nq8HzQ3Kcb/APaU/hyPbtjAOdY/4lmqf6Nq0HzQXCcbv9pT+HI9u2OD+v8AgPzDb+tvNeXdBxrA/szVP9G1eD5oLhON/wDtKfw5H8scH/Ia/wCJbqn+javB80NwnG//AGlP4cj27Y4P+Qx/xLNU/wBG1eD5oblON/8AtKfw5Ht2xgHOsf8AEs1T/RtWg+aC4Tjd/tKfw5Ht2xwf1/wH5ht/W3mvLug41gf2Zqn+javB80FwnG//AGlP4cj+WOD/AJDX/Et1T/RtXg+aG4Tjf/tKfw5Ht2xwf8hj/iWap/o2rwfNDcpxv/2lP4cj27YwDnWP+JZqn+jatB80FwnG7/aU/hyPbtjg/r/gPzDb+tvNeXdBxrA/szVP9G1eD5oLhON/+0p/Dkfyxwf8hr/iW6p/o2rwfNDcJxv/ANpT+HI9u2OD/kMf8SzVP9G1eD5oblON/wDtKfw5Ht2xgHOsf8SzVP8ARtWg+aC4Tjd/tKfw5Ht2xwf1/wAB+Ybf1t5ry7oONYH9map/o2rwfNBcJxv/ANpT+HI/ljg51r/iWamfsurwfNBcJxu/2lPHpyPbtjg/5DH/ABLNU/0bV4PmhuU43/7Sn8OR7dsYC86yRpmqf6Lq0HzQXKcbv9tTx6cj27EcH6/1b1Db+tvNeXdHjf7YmsKn7K3xWt9WURapb+HL1YZF4Eu+Jo8qfcNyPxxkYHzx+wfqn9q/sq+CGz80CXVuwznbtu5gB/3zt/Ovf/2y7sah+zn4n0jVYlXVJJtPs4pB0mE1/bwnb65D8jv6cYHzh+wnbf2P8K/E3h/odB8Walppj/ubGVsf+Pn9K9/KpfvH/T+Z5OPXur+l8j6Oooor6k8IKy9Z03UNQm0t7HVG0uG3uFmuIxArm5iAOYsk5UHg5HPFalcF8aPEmo+E/CVpqOmXJtGXUrWOZtqndE0gDLyDwc/WuXEThSpOc9l23PWyrD1cVjIUKDXNK612vb5ne18/fsD/APJpvgX/ALf/AP0vuK+gfoeM18+/sDHP7JngX/t//wDS+4qvtp+RwuLhCUX0Z9BUUUV0HOfI/wCzvoHxF1T9qb40WHg2TQbWTR752NxrbT7olvpzc5hEfGT5QJzwQMj1Hd/C/wCB/wAaJvjJrca+JJPCdrFqU09xf4Y21y7Pvdra3cYcZOcnAGOuRitT4dt4r0P9or4zweC/C9v4h1TV/wCxb6W4udRWzFiqWrwxFcrmTcUmJxjHl9M4NevXD/tDeKb6OwuYfA3h+eIeZHJIbmWcnOdyMvynoM8ds9uPy3MqVOpim5p3i/O3pc/cuHcwxWX5bKFN0VGrGzcuVyXny6v718j220mj1hf7E1a6Ua7ZIu26VlDOccSADGCcZIwAeoxj5bO7+2lGman/AKNq0HzQXKEDf/tIfw5Ht2x8vw58QPgH8a/Gfx8sHm1yOPWWsYmk8Q2O6xhhjV3wqlTl243bQM884AyPpe48faJ8J9G0Tw18SvGMza7IZBa69eRKiyOuDktGoVBhhgMeQvLEisqWJlNy9pGyWmvX18zjzHh+nh4UHgcTGvUnHmcIJtx7201Xlo/Kx6bxrA/szVP9G1eD5oLhON/+0p/Dkfyxwf8AIa/4luqf6Nq8HzQ3Ccb/APaU/hyPbtjilo2tWHjuwhj+2QTXAXzLXULOVZElHaRGU4IPce35Xf8AkMH+zNUP2bVoPmguE43f7aH8OR/LHHcmmr7/ANbPz8z4+UZU5OE1Zr8PNeXdBxrA/szVP9G1eD5oLhON/wDtKfw5H8scH/Ia/wCJbqn+javB80NwnG//AGlP4cj27Y4P+Q1/xLNT/wBF1eD5oblON/8AtKfw5Ht2xgL/AMhrGl6p/ourW/zQ3Kcb/wDaX8uR7dscH9evk/PzI2+X4ea8u6E41gf2Zqn+javB80FwnG//AGlP4cj+WOD/AJDX/Et1T/RtXg+aG4Tjf/tKfw5Ht2xwf8hr/iWan/o2rwfNDcpxv/2l/Lke3bGAv/IZxpeqf6Lq1v8ANBcpxv8A9pPy5Ht2xgF/6/R+fmPb+tvNeXdCcawP7M1T/RtXg+aC4Tjf/tKfw5H8scH/ACGv+Jbqn+javB80NwnG/wD2lP4cj27Y4M/21/xLNTH2bV4PnhuUGA2Ojp+XI9vUcJzrB/szVP8ARtVt/nguU434/iU/hyPywRwemv8AWz8/MW39bea8u6F41gf2Zqn+javB80FwnG//AGlP4cj+WOD/AJDX/Et1T/RtXg+aG4Tjf/tKfw5Ht2xxV1DU7N7U2niK8g0i/tvmiv5ZBEjYGdyscDoMke2eMfLxOr/tCfC+PzNN8SfEfwrpWr2pJhlOs2yuxGMFFD5J6EqP0xxVn23/AKs/PzFdL5fh6eT7HoHGsD+zNU/0bV4PmguE43/7Sn8OR/LHB/yGv+Jbqn+javB80NwnG/8A2lP4cj27Y48J8SftxfA/TdNlHiTx9a21xZt8moafY3V0hIYKHUwxNnJI4HUc8Y4xo/28vh34w0kDS9M8VeLLuBv3F34d0hpGY4yGVXZGGRgkYGQQeP4aUJPp/wAH18/MnmS+X4enk+x9H8awP7M1T/RtXg+aC4Tjf/tKfw5H8scH/Ia/4luqf6Nq8HzQ3Ccb/wDaU/hyPbtjj5m0v9sfXPiZo2dC+BnxEuryBykd5qGmtZIJAAc70WRe4JweRgjngQ2H7QXx6+J0MsGkfABI1sn2Lrknie2KiTrwjeSScAEhSwIYHK4AqlTk/wCvz/zF7RL+tvTyfY+n+NYH9map/o2rwfNBcJxv/wBpT+HI/ljg/wCQ1/xLNVP2bVoPmhuE43/7Snj05Ht2xx8tw+Kv2qvilcT2+jaR8N9Ot7F9ralfm6QiUEEiOaKSZW4xnERB6/KCppln4P8A2lPixqclsnxW0jRbPT3w2saRp1vcwtIB92IyWqs2cjJDADAOehZqjJ/1/X3k+0S/rb08vI+pudYX+y9TzbavB80FzHxv9HQ/hyPY9MfL4hq2oWt3+1jqVl4pu7PS4rf4cSWklxczrHG6XOobSwLYH/LAZ9x26Dg9N/Z9+KHxH8QPa33x21jWdKsXIn1zTbS40zMnTZAIb3BOMZZcDo2Pul8JP2APCXxQ+IC3954x8V+MLfT0Frd614iltNQ37WLLFA09vJIcb2O4uR8+7H3d20KTi7t/15mU6nMrJf8AA9Dj/wDgn7eyz/sx6DZzHM2n3d7bPznrcPJ17j95X0bXj/7PvhfQ/h9rHxV8HeHJfN0XRvFkgsj8uPJlsrSUY2gLjc8mCAAe3WvYK+0w7vSiz5yr/EYUUUV0GRkeIvFWneFf7N/tKUwjUb6PT7fahYGaTOxTgHHQ8nFeK/t8cfsm+OvX/QR/5P29ej/F7wrqXivR9Fj0uJZrqx1i1v8AazgEJGx3EZPvXnH7fB2/sm+O+P8Anw9+ft9vXn80+erFx91Ws++mp7tTD4eGEw1WE71Jc3Mr7Wemnmj6B/z+tFH+f1oruh8KPDe7D/PXFeYfA34Lt8RviX8ZrZviH4y8Mwab4lgulsPDl3b2sJa40y0cyMWgeTflNvyuF/dggA816fXPfs36mnhT49/tCTXrbbX+y9C1pSc8osF3E5/D7OtebmC5qWq6nXhJOM9DiPgR8NfHXxw0m8d/jB8QrXw1aeIdWjiuvtloZhbw30sUEaXD27TM5jhRi2/aN5O0cb+yX9lnSfiN4iFlD4/+JGvaHYMyXmp6t4uu5Y5ZCeY4I1ZUzjILBcYOcYxv0P2S7XU/F/7Nvw58O2Dy2GkHR4bzWtSC7XmmuQbiSCPI6kzHccd+44f1v/kdz/wi/hf/AIlvhCx/c32o2/8Ay29YYT3zn5m5znJyCPM+d5F2PX5nojwgfsN/BPx14sK6H4MaSwsps33iC+1e+vZJXxzFC007g5zyenOcYxv6iP8AZg+Enje+/sPw/wDDjw2PDti4S91m606O7kmZcfu4XmDkt6yZJx7Eb/T/APkdj/wi/hcf2b4Rsf3F7qNv/wAtvWGE98/xOc5yScgjzD/kdj/wi/hf/iW+EbH9zfajb/8ALb1hhPfOfmbnOcnII8y99wOYsfhb4L8R3p0LwX4R0LQ/Ddk+y+1mx02FJJ2AAMUThcsSMbnJJI65BG/pYYY/F8Y8JeEo10nwZp/7i8v7UYEw6mCE985O5uc5JOQR5jv+R2/4pfwv/wAS3wjY/ub3UbfjzvWCE985+Zuc5ycgjzFz/wAJt/xS/hf/AIlvhCx/c32o2/HnesMJ75ydzc5zk5BHmAhP+R3/AOKW8Lj+zfCFj+5vtRt+PP7mGE985O5+c5JOQR5h/wAjuT4X8Lj+zvCNl+5vtRg/5b9zDCT1zn5mOc5JOQR5h/yO3/FL+F/+Jb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5i5/4Tb/il/C//ABLfCNj+4vdRt+PO9YIT3zn5m5zkk5BHmAB/yO3/ABS/hf8A4l3hGx/c32pQf8t/WGEnO7Ofmc5zkk5BHmIP+K2/4pfwt/xLfCFj+5vdRt+PO7mGE985+Zuc5ycgjzFz/wAJt/xS3hf/AIlvhCx/c32o2/HnesEJ75ydzc5zk5BHmGf+E2/4pbwv/wAS3whY/ub7UbfjzvWCE985O5uc5ycgjzABP+R2z4X8LD+zfCNj+5vtRt+PO7mGE985yz85yScgjzAY8bH/AIRfwsP7M8I2P7m91K3487uYYT3zkln5zkk5BHmH/I7f8Uv4X/4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/ACO3/FL+F/8AiW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYAAx42P8Awi/hYf2b4Rsf3N9qNvx53cwwnvnJLOc5yScgjzAY8bH/AIRfwv8A8S3wjY/ub7Ubf/lv3MMJ75ySznOcknII8w/5Hb/il/C//Et8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/il/C//ABLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMAD/AJHbPhfwsP7N8I2P7m91G3/5besEJPXP8Tc5zk5BHmcp4M8AJJrHifR/Cuv67ceE9Qv/ALVqFzf332iG3+UA2en5H7uI8sfvZLEk4ID9X/yO2fC/hb/iW+EbH9ze6jb/APLb1hhPfOfmY5znJyCPM+e/hbqGq+Kv2yPjf4F0jX7qPwKNO0OeK3W5d47eGOB45Y7VWJCCWV3Z2UAOQWO7PzAH0IP+K2P/AAi/hb/iW+EbH9ze6jb8ed6wQnvn+Juc5ycgjzDA8bZ8LeFx/ZvhCx/cX2oW/wDy29YIT3z/ABNznJJyCPMP+R2/4pfwv/xLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP+R2/4pfwv/wAS3wjY/ub3UbfjzvWCE985+Zuc5ycgjzAA/wCR2P8Awi/hf/iW+EbH9xe6jb8ed6wQnvn+Juc5ycgjzD/kdj/wi/hf/iW+EbH9zfalb/8ALf1hhPfOTuY5znJyCN5/yO3/ABS/hf8A4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/I7f8Uv4X/4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmAB/yOx/4Rfwv/AMS3wjY/ub7Urf8A5b+sMJ75ydzHOc5OQRvP+R2b/hF/C/8AxLfCNj+5vdSt/wDlv6wwnvnJ3Mc5zk5BHmH/ACO3/FL+F/8AiW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8jt/wAUv4X/AOJb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5gAvHjc/8Iv4XH9neELH9zfajb/8t/WCIn72c/MxznOTkEeYf8jvnwv4W/4lvhCx/c32pW//AC39YYT3zn5n5znJyCPMM/8ACbf8Ut4X/wCJb4Qsf3N9qNvx53rBCe+cnc3Oc5OQR5hn/hNv+KW8L/8AEt8IWP7i91G3/wCW3rBCe+cnc3Oc5OQR5gIyP2df7JXxR8a00QRHS4/GcEUPkg7Pl0HR1JBPX5gfm53dcnNe2V4p+zp/ZK+KPjVHoflf2XF4ygih8nOz5dB0dSQT1+YN83O7OcnNe10CCiiigApD0NLSHoaAPEoLG01T9qTx3bTSeRdHwb4cktpF4ZWW+1zJH5jj/DNd/wA61jTNT/0bV7f5obhON/8AtIfw5Ht2xxwENja6p+1J47tpZPIuz4N8OSW8i8MrLfa5kj8xx/hmvQP+Qx/xK9U/0XVrf5oLlON3+0h/Dke3bGBwVfif9X9fM7qb91f1bz9O4nGsD+zNU/0bV4PmguE43/7Sn8OR/LHB/wAhr/iW6p/o2rwfNDcJxv8A9pT+HI9u2OD/AJDX/Es1P/RdXg+aG5Tjf/tKfw5Ht2xgH/Iaxpmp/wCi6tb/ADQ3Kcb/APaX8uR7dsYGP9f8B+fma/pr6ea8u6DjWB/Zmqf6Nq8HzQXCcb/9pT+HI/ljg/5DX/Et1T/RtXg+aG4Tjf8A7Sn8OR7dscH/ACGv+JZqf+i6vB80NynG/wD2lP4cj27YwD/kNY0zU/8ARdWt/mhuU43/AO0v5cj27YwD+v8AgPz8w/TX0815d0HGsD+zNU/0bV4PmguE43/7Sn8OR/LHB/yGv+Jbqn+javB80NwnG/8A2lP4cj27Y4P+Q1/xLNT/ANF1eD5oblON/wDtKfw5Ht2xgH/Iaxpmp/6Lq1v80NynG/8A2l/Lke3bGAf1/wAB+fmH6a+nmvLug41gf2Zqn+javB80FwnG/wD2lP4cj+WOD/kNf8S3VP8ARtXg+aG4Tjf/ALSn8OR7dscH/Ia/4lmp/wCi6vB80NynG/8A2lP4cj27YwD/AJDWNM1P/RdWt/mhuU43/wC0v5cj27YwD+v+A/PzD9NfTzXl3QcawP7M1T/RtXg+aC4Tjf8A7Sn8OR/LHB/yGv8AiW6p/o2rwfNDcJxv/wBpT+HI9u2OD/kNf8SzU/8ARdXg+aG5Tjf/ALSn8OR7dsYB/wAhrGman/ourW/zQ3Kcb/8AaX8uR7dsYB/X/Afn5h+mvp5ry7oONYH9map/o2rwfNBcJxv/ANpT+HI/ljg/5DX/ABLdU/0bV4PmhuE43/7Sn8OR7dscH/Ia/wCJZqf+i6vB80NynG//AGl/Lke3bGAv/Iaxpep/6Lq9v80NynG//aT8uR7dsYB/Xr5Pz8w/r0815d0JxrA/szVP9G1eD5oLhON/+0p/Dkfyxwf8hr/iW6p/o2rwfNDcJxv/ANpT+HI9u2OD/kNf8SzU/wDRtXg+aG5Tjf8A7S/lyPbtjAP+Q1jS9U/0bVrf5oblON/+0v5cj27Y4P6/4D8w/T8PNeXdBxrA/szVP9G1eD5oLhON/wDtKfw5H8scH/Ia/wCJbqn+javB80NwnG//AGlP4cj27Y4P+Q1/xLNU/wBG1e3+aG5Tjf8A7S/lyPbtjgP/ABOcaZqn+i6tb/NBcpxv/wBpPy5Ht2xgL+v+A/PzDb+tvNeXdBxrA/szVP8ARtXg+aC4Tjf/ALSn8OR/LHB/yGf+Jbqn+javb/PDcJxv/wBpD+HI/ljhAf7a/wCJZqn+i6vB80NzHxv/ANtD+HI9u2OF51r/AIlmp/6Nq0HzwXEfG70ZT+GSPb1HBv53/qz8/MNvl+HmvLujxr9qm8bVPAPhnw/qkKpqd3418N2iSbflmU6vaszL/wABQkj2zjggfPf7OMJ0P4uftG6BwqW/xAvr+OPsqXDblwPooH4V71+1J4nstNHwng8T3FnpbW/j/S5Zb67kWKERRrNN5nmMMKMxLnOOQOnb5/8AhV4q0DWv20P2jX8Na3p/iDQ9SbRr+1vtLu47m3lP2UibbJGxUkSOVPPVTXuZa7VE/wCvmeVjV7tv6+R9B0UUV9aeCFZniXQdL8RaRLZazClxYMyO6yOVAKsCp3BhjkDvWnVDXtG0/X9IutP1OBLiwnTbNG7bQV69QRj65FZ1EnBq1/U6cPN060ZJta7rf5eZf3A9DkevUfhivn79gc7v2TfAp/6//wD0vuK98tI4orWBLfb5CRqItpyAmOMfh714H+wP/wAmmeBf+3//ANL7isv+XkX1sE9pW11+fzPoGjOOf50UfpXScx5VYWvjMftLeJdP8CvocGq6r4Y0u6eXXjMFAt7u9RjF5fO8CaPg8EZPYV6g3gX44+K71bDWfiRo3hy9i/eRNp2hickf3kaRhnpyMep7YHkuvfDu18cftcfD6xvda1/QrfVPDmqQ+b4d1abTZ2a3ltplVpYiG24c8A+npWon7MOn+Ov2m/FvhZfEPjN/CWg6Lpc14154w1SaV7u4ku3fDtcZ3GNIBj7oC56nDfD47BqdeTu/S7X5H3WW5xUwmHVOFODa6uEZNf8AgSa/A9Bm+AfinXrqWDxb8ZPE0V1Bl45LEQ2KFeu5WVeOnTPb2OPFPi78GfhtfnTtN1P42abpesWt5/p2oeLvFMM2bYqwJiV3Ub9+3g7erem2vVov2O/g1418QPZ+H/AOnNpFm+2+16+klvpZm4/cwPO7+gy3p7Eb+u0/4HfDjxDqDaL4K+H/AIW0Lw7Znyr/AFqw0a2SS4xjMMThMtnA3OSc9TkEb/NlltGa5Zq/zf8Ame3h+Lc0wlZV8PNQktrRikvkklbyPL/hn8aP2ZvgroE3h3T/ABzph1VWWSTUdL83Uprlh92QmBH4z/CMAbgRgmu1h/bK8G+MtFdtK8O+PfF9xauRDe+GvB2oTZYDOfnij284BDYHIORwR6ZbWsPiqP8A4RPwhEmj+DbE+Ve39moUTHq0MJ7k5yznOc5OQR5kv/I7MfDHhf8A4lvhGx/c32pW/wDy39YYT3z/ABOc5zk5BHmdcMLCmlGOx85isdiMZWlXry5pSd23vf8AroeTaT+1J4g+JmjsuhfAz4hahf2rlUvruKy06LeMYId7g8+oIHG08ZGK2j/G745/E+KS1sPgRZWTWcmwa1qPjO2VUkDdVWCKQNkYJ2ORgg91r2L/AJHb/il/C/8AxLfCNj+5vtRt/wDlv3MMJ75z8z85zk5BHmH/ACO3/FL+F/8AiW+EbH9ze6jb/wDLb1hhPfOfmc5zkk5BHmbexj1OP2kuh4pY+IP2n/ideyWthafCnS7KxkVW1qR9RuiX43CPZ5as3fjK8Z7rTIfB37Q/xW1r7NH8ZdD0bTtPbbNq2jeE45lMgABWBppPmPQlvu8k4xsz7cMeNv8Ail/C4/s3wjY/ub3Urf8A5b9zDCT1zn5nOc5JOQR5h/yO2fC/hf8A4l3hGx/c32pQf8t/WGFjnOc/M5znJJyCPMr2ceqFzy7nhdp8BfiH8T/EQtb34/eMNU0qwfF1rek21rpm6XqyW/lIRnp82CB1wRgNVsv2O9F8eeIltF+I3xK8V6LYyYu9Y8QeKHufMfqYrcBVAJ4ORwPvAAEeZ79x43Y+GPC//Eu8I2X7m+1G3/5b+sEJ75ydzc5yScgjzFz/AMJt/wAUv4X/AOJb4Rsf3N9qNv8A8t+5hhPfOTuc5znJyCPMrlWuhPNLTU8C039hP4IeJ/FDL4Z8F7bG1dV1HxDPql5cPcOB/qofMmK45ySBjocYC7+zh/Zr+FHjHVF0nwz8OPDFvoenOEu9fl0uG4nkZQP3UEsis2T/ABPnnqcgjf6T/wAjt/xS/hf/AIlvhGx/c3upW/8Ay39YYT3zn5nOc5ycgjeD/itifC/hf/iW+EbH9zfajb/8tvWCE985+Zuc5ycgjzHYDI0vwfoGuXB8O+BtD03w94Wsf3F7qum2kcTTYGDDCwHORwz85B5yCPM2M/8ACcE+F/C//Et8I2X7m+1K3/5b+sMJ75z8znOc5OQR5if8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYuf+E2/4pfwv/wAS3whY/ub7UbfjzvWGE985O5uc5ycgjzGITjxt/wAUt4XH9m+ELH9xfajb/wDLb1ghPfOTubnOcnII3nHjZv8AhF/C4/s3wjY/ub3Urf8A5bdzDCe+c/M3Oc5OQR5h/wAjt/xS/hf/AIlvhGx/c3uo2/HnesEJ75z8zc5zk5BHmLn/AITb/il/C/8AxLfCFj+5vtRt+PO9YYT3zk7m5znJyCPMADjxx/xS3hf/AIlvhCx/cXuo2/HndzDCe+f4n5zkk5BHmGf+E3J8L+F/+Jd4Rsj5N9qUH/LfuYYT3zk7mOc5JOQR5if8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYv8AyO3/ABS/hf8A4lvhGx/cX2o2/HnesEJ75z8zc5zk5BHmACf8jt/xS/hf/iXeEbH9zfajB/y3x1hhJ+9n+JjnOcnII8xMDxt/xS3hf/iW+EbH9ze6lB/y27mGEn72c5ZznOSTkEeYv/I7f8Uv4X/4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/I7Z8L+Fv+Jb4Rsf3N7qNvx53rDCe+c/M3Oc5OQR5gB85+G5NIt/2lPjLZaEEGmbNEuYzDnYxNo8DMD/ABc2xBbPzEE5Oa9HrxPR/iJpfiL9uD4o+H9EtbW20fQ/D+maZbSWrErc+SWmeQ56sHvnXcM5CBs/Nk+2V9Ng3zUUeLiNKjCiij8M+1dpzmX4mvNUsdDuZ9E0+PVNRXb5NpLMIVk+cBvnI4IUk/hXiP7ex/4xL8c5G3P2A49/t9v+f1r2fxt4ik8I+EdX1qK3F29hbPceSz7RIFGcZ/CvCf22NV/t39i3xRqQTyxeW2mXO1TkfNeWzYz3xmuGpUjzyp31te3lfc9aGHqfVIYjkXLz8vN1bte2/wCh9I/5/Wij/P60V1w+FHlPdhXiHj7xc/gvxp8dbhG2S3HwblmgI6mWK4uo1/JrpB+Ne3jrXzN+04sQ+J3hTR9xE/jnSv8AhElCt8z+ZrujMwHB58szdvWuTGr9wzpw38Q+xPBOjvqng3QfAXhs/YPCuiWEFhqGpW42+eUjUNDCe+T95uc5JOQR5m1/yO3/ABS/hf8A4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmJ/yO+PC/hj/iXeEbL9ze6jb/APLbHJhhJ65ydz85yScgjzF/5Hb/AIpfwv8A8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzPmj2A/5Hb/il/C//ABLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP8Akdv+KX8L/wDEt8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/AIpfwv8A8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzAA/5Hb/il/C//ABLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP8Akdv+KX8L/wDEt8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/AIpfwv8A8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzAA/5Hb/il/C//ABLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP8Akdv+KX8L/wDEt8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/AIpfwv8A8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzAA/5Hb/il/C//ABLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP8Akdv+KX8L/wDEt8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/AIpfwv8A8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzAA/5Hb/il/C//ABLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP8Akdv+KX8L/wDEt8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/AIpfwv8A8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzAA/5Hb/il/C//ABLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP8Akdv+KX8L/wDEt8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/AIpfwv8A8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzAA/5HbPhfwv8A8S3wjY/uL3UYOPO9YITznOfmY5zkk5BHmcpDdeCfE3xMm8E+Em0TRdQfThLqd5ZiJdSv7KNwmxDjzHiDtguxIJJ6jh+sB/4TY/8ACL+Fv+Jb4Rsf3N7qNvx53rDCe+c/M3Oc5OQR5nI6hqHgnxF8SdI8J6I+jaLe3FlLYpqiLGuoajaxHzZbW1kI3vGCxdyCRliTwf3gB1v/ACO3/FL+F/8AiW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8jt/wAUv4X/AOJb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5h/yO3/FL+F/+Jb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5h/yO3/FL+F/+Jb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5gAf8AI7f8Uv4X/wCJb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5h/yO3/ABS/hf8A4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/I7f8Uv4X/4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/I7f8Uv4X/4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmAB/wAjt/xS/hf/AIlvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/I7f8AFL+F/wDiW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYAH/ACO3/FL+F/8AiW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYv/I7H/hF/C//ABLfCNj+4vdRt/8Alt6wQnvnPzNznOTkEeYn/I7f8Uv4X/4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmL/AMjsf+EX8L/8S3wjY/uL3Ubf/lt6wQnvnPzNznOTkEeYAZP7On9kr4o+NUeh+V/ZcXjKCKHyc7Pl0HR1JBPX5g3zc7s5yc17XXin7On9kr4o+NUeh+V/ZcXjKCKHyc7Pl0HR1JBPX5g3zc7s5yc17XQSFFFFABSMdqk0tJQB4F42sfEug/HLxF4hsfh74g8XaZqnhvR7G1v9Au9Nja1urW61SSVXW7vIG+7eQkbQwPzcgirUvxI8aatpsceo/A/x2L+I5juba/8AD+QeMN/yFBjPcdP0x7kEA7UbB0rJ04yd2axqSirI8Ol+JXjPVdMii1H4HeO1v4jmO6tr/wAP5U8Yb/kKDGe46fphJfiR401bTY4tR+B/jsX8RzHdW1/4fyDxhv8AkKDGe46fpj3IqMHjP1rjvG3xg8CfDa4htvFnjPQPDd1cJ5kFtq2pQ280wJIBSN2DPkggbQckYHNT7GPUftZdDz+X4leM9V0yKLUfgd47W/iOY7q2v/D+VPGG/wCQoMZ7jp+mEl+JHjTVtNji1H4H+OxfxHMd1bX/AIfyDxhv+QoMZ7jp+mNeL9qb4b6grHStX1LxIoO3Ph3QNQ1UE+xtoJAeueD0GaraX+0taeKI5G8M+APHXiSNG2F4dJSzQt/dDXksK55HU8Ag9OaPYx6h7WXQpS/ErxnqumRRaj8DvHa38RzHdW1/4fyp4w3/ACFBjPcdP0wkvxI8aatpscWo/A/x2L+I5jura/8AD+QeMN/yFBjPcdP0xJofx08b+NpLpfDvwjvhDbuUe413XbK2i3ddoa3a5DHGfubhyvOGBqpoPxE+MnjnVLy10zw74G0ixtW8uTVG1i81OEtjkRj7Nb+YeQeCBx97DKaPYx6j9rLoTzfErxnqulxxaj8D/HS38XMd1bX/AIfypGMN/wAhQYz3HT9ME3xI8a6tpsceofA7x0t/GcxXVtf+H+D2b/kKD8R7duMZ2kXfxm8ceILi1s/Hfha20S2bbPqeleFZl+fr5cTTXsqyHp8+xRgk45QmpZeC/G/jzxI1tZfGTxdPoNmxW9v7W00q2ilfj5ICln5hOCRuLkc5AGF3nsY9Q9rLobsvxJ8aatpcUeofA7x0t9F80V1bX/h/IPGD/wAhQfiOhxkY4w26+JnjG/0oDVPgh45iu4Mul5Df+HxtwM7jnVRjpyOnGeOMc43wX0/4ia8bKw8UeOLzRrOTF/q83jDUlS4fHMUUUcyRN2O4occEYGN8c/7Ofwy+I2sf2XpPgfRrrQ7GUfbNd1K2F/LLIuCI4JJ953er5zgnsR5j9jHqHtJdCl4m/a40zSNNSLxX4O1PRb2AkpdXHifwtAUIxz8+sLg5IBHQ8dOMYEn7dmia/pqRr8NfHev38Lfu7nwr/ZOqEMMcj7NqD85xkDrle5Fes6T4L8PaxcHw74E0HTPDnheyxBfatptnHE8+AR5ETgZOQTuY5yGOcgjzNn/kdv8Ail/C/wDxLfCFj+5vdRt/+W/cwwnvnPzOc5yScgjzD2MQ9pI8T0n9rbxT8TtDWTQPgR46vruFiIrq/hXTQr4yuWcFQePmAOBxjORUug/HL48fFSGa2svgHY6cbGTyxrV94ztygkBHRIomz6nDdADgZWvZxjxt/wAUv4WA03wjY/ub7Ubf/lv6wwk9c5O5znOSTkEeYf8AI8f8Uv4Y/wCJd4Rsf3N9qUH/AC39YYSc7s5+ZznOcnII8x+yiHtJdDxzS/EX7S/xMu5rW0074W6da2D7f7aa41G6/eDHCBBGGbpnB29wR8mb1nonx3+J2rNap8TvCljZae4E2s6T4RkZPNAGUhMt4S3OCT079NufVs/8Jv8A8Uv4X/4l3hCx/c32o2//AC29YYT3zn5m5znJyCPMTjxt/wAUt4XH9m+ELH9zfajb/wDLf1hhPfOTuc5zkk5BHmP2cexPPLo9jy7TPhr8Q/iJrwtH+OHiW/0jT5ALjVtN0nSbNGkBz5cB+yO5P3csH298fd3LH8DZfiJ4pSC2+JfxC1XR9Ol/0rWJvEDW2+Q4Jjt/sqQjPA+boAcjA27/AFD/AJHcnwv4X/4l3hGy/c32pQf8t+5hiJzuzn5nOc5JOQR5h/yPDf8ACL+F/wDiXeEbH9xe6lb/APLbuYIT3z/E3Oc5OQR5j5Y9ieaStqeWa1+zJ8P/AIwa9Fp8NnresaHpc4kudX1zxNqmp75QOEt/tNzIu4Z+/jjPpjf5lN4X8EeA/wBq6003wDoFpoeh3Xg24ikksI9sV3cW97Bk553kJcD5icnr3BP1Dx42/wCKW8LD+zfCFj+5vdRt/wDlt6wQnvnPzMc5zk5BHmeB/G7WdMm/aE+DcOgWgj0axtdc0YXcYPkyyPDbzlFP8W0WxOc5JYnoQW68M+WrFowre9TaZ21FFFfVnhhWB8QLQ3/gPxJbAEmbTbmMAdeYmH9a36P0rKpHnhKL6o68JWeHxFOsldxknbvZ3OP+D87zfC3wr5iski6dBGysMEFUC4I/CvLf2B/+TTPAn/b/AP8ApfcV7d4X8TWHi7Q7bVtMd3srjcEMkTRn5WZSNp5HIP1rxH9gb/k0vwJ/2/8A/pfcVz0YqKpxi72W51Y+pKtiK1WUeVyk3btfU+gqOvFFFdp5R53qrNYftbfs+6jkLA9zrmnu/bM2mtIufq1uPyrufhrp+s/EP42fHf7Kz6doc3iW2029v0/1kkVtplovkRnHeSSYn0B5x91+C+K18NJ+IHwMv8YK/ECwt92OgmtrqH9TKBXZfs0nVPiV4V8WJY+bp2i6x4x17UNR1Fcb5kOozRxQREZHMMUeW9OvGA/zeNVqzPYw38M9b/5Hb/il/C//ABLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP8Akdv+KX8L/wDEt8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/AIpfwv8A8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzOA6g/5Hb/AIpfwv8A8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8AEt8I2P7m91G34871ghPfOfmbnOcnII8w/wCR2/4pfwv/AMS3wjY/ub3UbfjzvWCE985+Zuc5ycgjzAA/5Hb/AIpfwv8A8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8AEt8I2P7m91G34871ghPfOfmbnOcnII8w/wCR2/4pfwv/AMS3wjY/ub3UbfjzvWCE985+Zuc5ycgjzAA/5Hb/AIpfwv8A8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8AEt8I2P7m91G34871ghPfOfmbnOcnII8w/wCR2/4pfwv/AMS3wjY/ub3UbfjzvWCE985+Zuc5ycgjzAA/5Hb/AIpfwv8A8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8AEt8I2P7m91G34871ghPfOfmbnOcnII8w/wCR2/4pfwv/AMS3wjY/ub3UbfjzvWCE985+Zuc5ycgjzAA/5Hb/AIpfwv8A8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8AEt8I2P7m91G34871ghPfOfmbnOcnII8w/wCR2/4pfwv/AMS3wjY/ub3UbfjzvWCE985+Zuc5ycgjzAA/5Hb/AIpfwv8A8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8AEt8I2P7m91G34871ghPfOfmbnOcnII8w/wCR2/4pfwv/AMS3wjY/ub3UbfjzvWCE985+Zuc5ycgjzAA/5Hb/AIpfwv8A8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8AEt8I2P7m91G34871ghPfOfmbnOcnII8w/wCR2/4pfwv/AMS3wjY/ub3UbfjzvWCE985+Zuc5ycgjzAA/5Hb/AIpfwv8A8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8AEt8I2P7m91G34871ghPfOfmbnOcnII8w/wCR2/4pfwv/AMS3wjY/ub3UbfjzvWCE985+Zuc5ycgjzAA/5Hb/AIpfwv8A8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kds+F/C/8AxLfCFj+4vtRt/wDlt6wQnvnJ3Mc5yScgjzD/AJHb/il/C/8AxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMM/8ACbZ8L+F/+JZ4Qsf3N9qVvx53rDCe+c/MxznOTkEeYAfnX8MbiHT/APgpJ8TGsBH/AGNqljeWlmYclD9nlt4zg/xf8e7HOTnOc9TX2fXx3p+n2vh/9p74Xa5YosemeIvEnjuwhkU7laK2u5hEAec/wc5P1r7Er6HAP91Y8nEr3wooor0jjMzxRocfibw3q2kSSGCO/tJbVpVXcUDoV3Ae2c18/fto6L/wjf7FPiXSfPNx9gtdLtRMy7S4S8tVBwCeoGfxr6RmVpIZFSQxOykCReqnHX8K+cP219PvNI/Yz8YWl/qLateRLYrJeyRLG0udQtzkqOBjgfhXHVprnc+XW1r+XY9WnXm8L7D2nuqfMo+drX27eZ9Jf5/Wij/P60V0x+FHlvdhXgv7QXw//wCE4+N37O7TGRLKPxU1vLLGuSu+ISLg9AT9nbqOuK96rzL47ael5b+AWlkkht4vG2iJNJCcMsc12ls5Bx6Tn86xxMb0pI1ou1RH0lgeNj/wi/hcf2b4Rsf3F7qVv/y27mGE985yz85zk5BHmH/I7f8AFL+F/wDiW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYKf+E2/wCKX8L/APEt8I2P7m91G3/5bY6wwnvnPzNznOTkEeYuf+E2/wCKW8LD+zfCNj+4vtRt/wDlt6wwnvnJ3NznOTkEeZ8qe4J/yO3/ABS/hf8A4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/I7f8Uv4X/4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmKP+K2/wCKX8L/APEt8IWP7m+1G34871ghPfOfmbnOcnII8wz/AMJtnwv4X/4lvhGx/c32pW//AC29YIT3zk7m5znJyCPMQhP+R2/4pfwv/wAS3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/AJHb/il/C/8AxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMN3/CbY8L+F/+JZ4Rsv3N9qNt/wAtvWCFj1znLMc5yScgjzD/AJHb/il/C/8AxLfCNkfIvdRt+PO7mGE985+Z+c5JOQR5jAP+R2/4pfwv/wAS3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/AJHb/il/C/8AxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP+R2/wCKX8Lf8S3wjY/ub7Ubf/luOphhPfOfmbnOSTkEeYv/ACOxPhfwt/xLPCNj+5vtRt/+W3rBCe+c5Zuc5JOQRvAE/wCR2/4pfwv/AMS3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv8Ail/C/wDxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMX/kdifC/hb/iWeEbH9zfajb/8tvWCE985yzc5yScgjef8jsT4X8Lf8SzwjY/ub7Ubf/lt6wQnvnOWbnOSTkEbwBP+R2/4pfwv/wAS3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/AJHb/il/C/8AxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMX/kdifC/hb/iWeEbH9zfajb/APLb1ghPfOcs3OcknII3of8Aits+FvC3/Es8I2P7m+1G3/5besEJ75zln5zkk5BHmAB/yO3/ABS/hf8A4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/I7f8Uv4X/4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/I7N/wAIt4W/4lvhCx/c3uo2/HnesEJPXOcs/Oc5OQf3i/8AI7f8Uv4W/wCJb4Rsf3F9qNvx52OsMJ75ydzc5zk5BG8AT/kds+F/C/8AxLfCNj+4vtRt/wDlt6wQnvnPzNznJJyCPM8D+Mngm7+IX7UHwFm8G6NqI8HeG31rTNX1rTIS0MUdxaKAhfsCVI3kncZCcEcv75/yOwPhbwv/AMS3wjY/uL7Ubf8A5besMJPXOTuY5znJyCN/K+NvG9zNceG/CfhDw3q9/wCD7rVYdG1HVNAhEi2yyAlnZi3EIwfMl5OWGQQcODOq/wCR2/4pfwv/AMS3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv8Ail/C/wDxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMAf+E2/wCKX8Lf8S3wjY/uL7UbfjzvWGE985O5uc5ycgjeZ/4TbPhfwv8A8S3wjY/uL7UrfjzvWGE985O5uc5ycgjeAH/I7f8AFL+F/wDiW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYZPjZv+EW8L/wDEt8I2P7m91C3/AOW3cwQnvnOWfnOcnIP7w/5Hb/il/C//ABLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMAD/AJHb/il/C/8AxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP+R2/wCKX8L/APEt8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/il/C//Et8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/il/C//ABLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMAD/AJHb/il/C/8AxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMX/kdj/wi/hf/AIlvhGx/cXuo2/8Ay29YIT3zn5m5znJyCPMT/kdv+KX8L/8AEt8I2P7m91G34871ghPfOfmbnOcnII8xf+R2P/CL+F/+Jb4Rsf3F7qNv/wAtvWCE985+Zuc5ycgjzADJ/Z0/slfFHxqj0Pyv7Li8ZQRQ+TnZ8ug6OpIJ6/MG+bndnOTmva68U/Z0/slfFHxqj0Pyv7Li8ZQRQ+TnZ8ug6OpIJ6/MG+bndnOTmva6CQooooAKKKKACiiigBDXgXi/w9f65+0+dOt7r+z7HV/B0Qvp4x++eG2vpMxIe2TdjJ6YPOeh99rwn4seH7rXf2iPh1awXz6dZah4d1y0vpIuJJIxPpkixrxwSFkHPYt15VgDov8Akd8+FvC//Et8IWP7i+1K3/5b+sMJP3s5+ZznOSTkEeYf8jt/xS/hf/iW+EbH9zfalb/8t/WGE98/xOc5zk5BHmGf+E2/4pbwv/xLfCFj+5vtRt+PO9YIT3zk7m5znJyCPMM/8Jt/xS3hf/iW+ELH9zfajb8ed6wQnvnJ3NznOTkEeYDE48bH/hF/Cw/s3wjY/ub3UbfjzvWGE985JZjnOcnII3gA8bMfC/hYf2Z4Rsf3N9qNvx53cwwnvnOWfnOSTkEeYf8AI7f8Uv4X/wCJb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5h/yO3/ABS/hf8A4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmAw48bZ8L+FwNN8IWX7m+1G3/AOW/cwwnvnPzOc5zk5BHmAx42P8Awi/hYf2b4Qsf3N9qNv8A8tu5hhPfOfmfnOSTkEeYf8jt/wAUv4X/AOJb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5h/yO3/FL+F/+Jb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5gAD/AIrbPhfwt/xLfCFj+5vtRt/+W/rDCe+c5ZznOSTkEeYf8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8AI7f8Uv4X/wCJb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5gAf8jt/wAUv4X/AOJb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5h/yO3/FL+F/+Jb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5h/yO3/FL+F/+Jb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5h/wAjt/xS/hf/AIlvhGx/c3uo2/HnesEJ75z8zc5zk5BHmAB/yO3/ABS/hf8A4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/I7f8Uv4X/4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/I7f8Uv4X/4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/ACO3/FL+F/8AiW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYAH/I7f8AFL+F/wDiW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8AI7f8Uv4X/wCJb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5gAf8jt/wAUv4X/AOJb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5h/yO3/FL+F/+Jb4Rsf3N7qNv/y29YIT3zn5m5znJyCPMP8Akdv+KX8L/wDEt8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/AIpfwv8A8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzABc/8Jt/xS/hf/iWeELH9zfalb8ed6wwnvnJ3NznOTkEeZ8sftVfFzTrH9of9nnwZ4esLePQrbVNRdr5VPzS/Zfs4jjbOCv+ksWJyWJQg45f6mz/AMJtnwv4X/4lvhCx/c32o2//AC39YIT3zk7m5zkk5BG/4D/bw8QWDftV/Ax/Dq7NB8L3tjBLJD/q2+0X2HKn+IfusFj94kn3OlN2mmRNe60fW9FFFfXngBR9OtFH60FR3Rk+G/FWneLrW5udMmaeK3uJLSRmQqRJGcMORXif7A3/ACaZ4E/7f/8A0vuK9I+FPhXUfCkXiqDUIlSO71+7vrMh1bdBIVKNweCTnjFeb/sDf8ml+BP+3/8A9L7ivNw0p1FTnVjrrdfM9rNcPQw2JqU8NPmgmrO9+mu3mfQVFFFekeGeQftQ6pb+F/h/o3i65bbB4V8U6Hrbn/Zi1CFW/RzXp37KdvqfjH9m/wCHHh2waTT9J/sa3u9b1JRteaa4Xz5YI89y0x3HHfnI4fyf9s7RZdf/AGX/AIg20KeYyaet0QP7sMsczH8BGa+k/AtiPEXgvw/4K8LN/Z/hLSdOt7O+1O3GPtG2NQYYT3z1Zuc5ycgjzPn8ev3lz1cL8Jt/8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8AI7f8Uv4X/wCJb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5h/yO3/ABS/hf8A4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmeYdof8jt/wAUv4X/AOJb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5h/yO3/FL+F/+Jb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5h/yO3/FL+F/+Jb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5h/wAjt/xS/hf/AIlvhGx/c3uo2/HnesEJ75z8zc5zk5BHmAB/yO3/ABS/hf8A4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/I7f8Uv4X/4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/I7f8Uv4X/4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/ACO3/FL+F/8AiW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYAH/I7f8AFL+F/wDiW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYv8AyOx/4Rfwv/xLfCNj+4vdRt/+W3rBCe+c/M3Oc5OQR5gAn/I7f8Uv4X/4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/I7f8Uv4X/4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmL/AMjsf+EX8Lf8S3whY/uL7UrfjzvWCE985+Zuc5ycgjzD/kdj/wAIv4W/4lvhCx/cX2pW/HnesEJ75z8zc5zk5BHmAhP+R2/4pfwv/wAS3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/AJHb/il/C/8AxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMX/kdj/wi/hb/AIlvhCx/cX2pW/HnesEJ75z8zc5zk5BHmH/I7H/hF/C3/Et8IWP7i+1K34871ghPfOfmbnOcnII8wAT/AJHb/il/C/8AxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP+R2/wCKX8L/APEt8I2P7m91G34871ghPfOfmbnOcnII8xf+R2/4pfwt/wAS3whY/uL7Urf/AJbesMJ75z8zc5zk5BHmHPjbPhfwt/xLfCNj+5vdRt+PO9YIW75ydzHOc5OQR5gAn/I7f8Uv4X/4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/I7f8Uv4X/4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmICfG3/ABS/hf8A4lvhGx/c32o2/wDy29YIT3znLMeuc8g4enqutWGs2TaFpN9beHPA2n4hv9ZaVYkl7mCJ24Oc5ZjnOSTkEeYhl3/kdv8Ail/C/wDxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP+R2/4pfwv/xLfCNj+5vdRt+PO9YIT3zn5m5znJyCPM868Q/tI/Ca6kfwlYfE3wf4Z8Maemy+u2122SScDO6GFS+5s85bBznuCN/E+LP27vgUb6LwVpXxAtdM8OWylLu60mxurx51B+aKHyYnyDk5c8NyckZDl0tw17Hvf/I7f8Uv4X/4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmLn/hNj/wi/hf/AIlvhGx/c32o2/8Ay29YIT3zn5mOc5JOQR5nz14p/ba8J6pDZ+GPBPgz4iat4YUeXcT+G/Cd0806hSxijEoTGR95mOTuJIwDub4k/ak8ZeItGstA8D/s9/ETT9C27J49Ut4NMnkTBPl5eRggJzuYliSeR1DYyxFGPxTS+ZapzfQ8R8TabBpPw7/ZN8SQKEh/4T3XLaN85yt/f3DryeoIUeucDrX1f/Ovkq88B/tDeNPgx8IPh+3wVs9Ag8B65Ya6urXXiqzd714TKzL5SgmIMZskEsQVHB5x7zDpnx71baYvB/gbQhlQy6h4kubpx13ACOzUE/Uj6muvC5zgMPFqpVX33OOtg69Vpxid5RXFw/DT486htW48U/D/AEZSF3NZ6Ne3jg55wXuYwRj2qaP9n34n3S/6d8bnh3D/AJhPhW0h/izx5zzY445zVVOKMsgvjv8AIhZXiZdLfM676jH1r4+/aK8Qaj4k/Yb+IM2q3TXl/BqUVs8r4BbZqcGOmOgI7V9N/wDDKd1eqzar8YfiHeMwO5bS6srKPkg5AhtVIP8AwKvAv21v2a/BfgH9lj4ha5pWp+Ib/UrOW0Yrea/cTQCWW+tlkMluHEbMVYnLKTkg9QCPKnxLhMTiacaN7bW9dj6DDYL2WBrUqsU5txafa2+u+p9QSSpFG8jyKkSglnJGAOpJPQCuc1X4n+DtCZhqfi3QtOKn5hdalDFjjPO5xjj61pxfsZ/BZZFln+H+m6lICW3ao816ckAH/XO3YCur0j4AfDDw/t/sz4c+E7Bl6NbaJbIemCchM5I4J79656nGlKHuwpPQ86OSykryn+B4vfftRfCSxmEJ+Ifh+6lY7VSxvFuicjIx5W7PTt+nSvPfjh8ZfDXxK+Gd7o3ha08S+JtTku7C6gg0jw1qEhbyrqKf5XMATpEe/evt3T9JsdIh8qwsreyi4Gy3iWMccDhQKtEZrzq3GdWS5Y0V951QyaMWm5ngGr/tOX3iCzsfDnhn4K/FbTvDIUJcSjQobSaVSSPLX7RcJtVurO3PzEnjIaDXvjB8a9e0e00Lwv8As9XWg+HOI5W1DxbYWs0seRuQbBKUBG4k4YtnuMg/QvBye+c0bec14cuJMR0ivxO9YCHVnzr4i1n9p3xR4eTQvDnhH4bfD/RxGUaHUNau7yUoGOULQxL1zlu5wctyQYtS8D/tO+I/Df8AYX/CwvAfgnT/ACzEYPDegz3Hy7gdmZ3JwRnJJOdxznJNfSH/AOuk2jg1yS4gxktml8jX6lSPjX4wfC/4x/DP4NaxrGr/ALQOqa3pGjxI8umaXodvo6TW/mosil4H3DKFyTyTkk819WwfsveGrfTDp0fiPxzHYbSht4/FuoKm053DaJehyc+uT61x/wC07pP9u/s4/FCyC73k8NagY1/21tpGX/x4CvdPAetDxL4H8O6uG3jUNOtrvdnr5kStn9a+qyPGVcZSnKrK7TPMxlKNKSUTzpf2YNGt9JbS7Lxj460/TGUo1rD4kndGU9R+83EZycgYzk5zk0ifsx6fFo/9lR+O/HkWnbDH9nj1wqu09RxH35z65Oc5Ney0V9KeeeNJ+zHp8Wj/ANlR+O/HkWnbDH9nj1wqu09RxH35z65Oc5NCfsx6fFo/9lR+O/HkWnbDH9nj1wqu09RxH35z65Oc5Ney0UAeNJ+zHp8Wj/2VH478eRadsMf2ePXCq7T1HEffnPrk5zk0R/sx6fFo/wDZUfjzx5Dp2wx/Z49cKrtPUcR9+c+uTnOTXstFAHi3/DNCw6KdGsviZ4907S2Ty2tYdQtnUjOT80luzfNnkA4OTnOTlV/ZrlTQv7Gj+Kvj6HTfL8r7PDcWCDb3GRZg88555yc5ya9oxRQB4v8A8M1ypoP9jR/FXx9Dpvl+V9nhuLBBt7jIsweec885Oc5Nec/HTwzYfAH4aWd5qvxH+JVxoFzqNrozW+m3OmoU+0S7A7k2g+XJ+Y5ycnOc19XMPlNeLftdfBPVP2g/gfqvg7Qr+z03Wpbyyu7S6v8Ad5KPDcxyncVVmGVVwMA84zxQAJ+zbMugjRo/ir4+g03Z5X2eG409Bt6kZWzzzzn1yc9aUfs1yroP9jR/FXx9Dpvl+V9nhuLBBt7jIsweec885Oc5NeyqxJGeD6U+gDxQ/s46nHoJ0Oz+Mfj7T9IMflNawR6M2RnJ+d9OZ+c84bByc5ycu/4Zz1tfD/8AYafGz4gQ6X5fleRDa6BH8vUjculhuec885Oc5Ne00tAHiv8Awznra+H/AOw0+NnxAh0vy/K8iG10CP5epG5dLDc8555yc5yaP+Gc9bXw/wD2Gnxs+IEOl+X5XkQ2ugR/L1I3LpYbnnPPOTnOTXtVFAHiv/DOetr4f/sNPjZ8QIdL8vyvIhtdAj+XqRuXSw3POeecnOcmk/4Zz1pfD39iJ8bfiBDpfl+V5ENroEfydSCy6WG55zzzk5zk17XRQB578G/g/Y/BvS9atLXW9V8QT6xqI1K7vtXW2WVpVtbe1UBbaCGMKI7aL+DJO5iSWr0KkwPSloAKKKKACiiigAooooAQ/lXiHx60Fta+JXwfhF5JYR32qahpU0kOA7RPp09w8YP+0LTHf1IIGK9wrxX9pfRRrKfDLNzNZxx+MrVJJoW2uEntbq1YA/7S3BTnjDYoA1P+R2/4pfwv/wAS3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/AJHb/il/C/8AxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP+R2/wCKX8L/APEt8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/il/C//Et8I2P7m91G34871ghPfOfmbnOcnII8wKD/AJHb/il/C/8AxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP+R2/wCKX8L/APEt8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/il/C//Et8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/il/C//ABLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMAD/AJHb/il/C/8AxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP+R2/wCKX8L/APEt8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/il/C//Et8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/il/C//ABLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMAD/AJHb/il/C/8AxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP+R2/wCKX8L/APEt8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/il/C//Et8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/il/C//ABLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMAD/AJHb/il/C/8AxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP+R2/wCKX8L/APEt8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/il/C//Et8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/il/C//ABLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMAD/AJHb/il/C/8AxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP+R2/wCKX8L/APEt8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/il/C//Et8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/il/C//ABLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMAD/AJHb/il/C/8AxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP+R2/wCKX8L/APEt8I2P7m91G34871ghPfOfmbnOcnII8xc/8Jt/xS/hYf2b4Qsf3N9qNv8A8tvWCE985O5uc5ycgjzD/kdv+KX8Lf8AEt8IWP7m91G34871ghPfOfmbnOcnII8wAT/kdv8Ail/C/wDxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP+R2/4pfwv/xLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMX/AJHb/il/Cw/s3wjY/ub3Ubf/AJb+sEJ75ydzc5zk5BHmH/I7f8Uv4WH9m+ELH9zfajb/APLb1ghPfOfmbnOcnII8wATd/wAJtnwv4X/4lvhCx/c32o2//Lb1ghPfOfmbnOcnII8z4R/bum0jUNV+Ims6Ai/2Z4B0PwmFMfKeY2s3m5lOctncvzdSQTkg5P3fu/4Tb/il/Cw/s3wjY/ub3Ubf/lv6wQnvnPzNznOTkEeZ8iftDaTo/i7wN+2Fb6IqNpem+G/DtrD5Iyn+ifaLtiDnn5pCd3c5bJzmqjumJ7Huo+ufeisLwHqv9veBvDupZ3C8063ud3rviVgf1rdr66L0TPn2mpO4UUUbh1Bx75z9elVewjL0u81WfUtUhvtPjtLKGRBZ3CThvtCFcklP4CDx714l+wP/AMmm+Bf+3/8A9L7ivVdJ8bS6h8R9e8MPaLCmm2sFxHMHJaXzM7gRjjBAHf615V+wOP8AjE3wIAf+f7H/AIH3H/1q4KVSM53i72v957GNw9XD29pTUOZRaS2s1vu9z6BorH1XxjoOgqx1LW9N04KCWN3dxx4wMnO5h2/KuR1P9o74V6PkXfxG8Loy5DJHq8EjjjPKq5NdjqQjuzyVGUtkbnxY0v8At34WeMtNAz9s0W8tseu+B1x+td78Fdan+LXwc8CaboCyaV4abQbCTUtQjG1pne3R3gizzkljuY9c85B+fxGT9pz4Z6tA8FrrF7rSTpt26Xot9eb1ZSePKgbgjNYnwc/aN8RaL8C/h78O/wDhT3xUEOl6Vb2Gq32neGvJFxtXGImmkjG1gBuc8ncSRjh/nswxFC6fOtPM9TCwmtGj67/5Hb/il/C//Et8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/il/C//ABLfCNj+5vdRt+PO9YIT3zn5m5znJyCPM8B8SfHj4v8AiLR7TQfBP7Oeu6Z4dARJjqniCw02aSI9U5ZyoPJY/Oxzkjkhma/4w/aZ8UeG4dB8O/DHwV4B0zbsePUPEcl25j3Y2boYwcEZLHGWz/vBvClj8LHeovvR6Ko1H9k+gf8Akds+F/C//Et8I2P7i91G3/5besMJ75z8zc5zk5BHmG7/AITYnwt4X/4lnhGx/cX2o2//AC29YIT3zn5mOc5JOQRv+fLzw3+1V4g8MjQJPEvwu8Haf5fleX4b0++nJXccqTOcnIJLHIyeO7Zrw/s/fH7UtCOjan+0ebTSDGYf7O0XwhaWwVT/ANNldXO75s55OT61yyzjAxdvaGqwtX+U+i+fG3/FL+Fv+Jb4Rsf3F9qNvx52OsEJ75zlmPXOTkECRN3/AAmv/FL+GMaZ4Rsf3N9qNucedjkwQk9c5yzc5zk5B/eeS/sv/BvRfif+z34P1jxTq3izVb29s3jvbdfFmp21o0qyvHL/AKPDcJGQWQnBBGenU59Xtf2Tfg9DCsU/w60HVY1GAusWo1ADnP8Ay3398n6knqTXsJpq6OXbQ5bxF8XPA06nwza+NPD3hLwhYL5d/qVzqtvbecMEmKIu/IIyWc5zySSPv4mo/tGfDnxJJH4S8LeKbYeF7Vdl3eeH4ZdQe5XJHlQeQshYMd2X53YY8j7/ALvoPwv8G+FWRtF8JaHo7IcqbDToYCOc8bVHfn610uxfQUxHzbrnxjttcjtfC/hXwf47h8KxxgXN5a+EdQtWuE6+XCbiKMEHPLk/Nk9Rw9rXvFnjvXNPs/Dvhj4PeKNG8Mquy5nub7SrV3TnMSj7YzgHPzMVJOT97BD/AETtGc45oxQI+f8AWrX4xeINAtNB0HwN4X8I6GBsnW98Uy/aHj7oohspBz824lucg5OWBs6l8P8A4x654aTQbXXvA3gnTdvltFY6VeaixTn5NzXFvkHPJ4LdTwSp93wPSgKF6DFAHiL/AAT8dX/h4aHd/FaXTNJ8vyjD4a8P21oSndd05uDzk56knrwWBntf2a1/sddJ1D4k+PNS01U8o2y39rYKyHqD9jtoOvc9Tzkksc+z7R170bR6UAePWn7Knw8gsVtLm217VrYKVNvqninVLuHnJbEUlyyKCSTgKBnnFeE/Fr9mf4UaX+0z8MbA/D3w62kax4f1uOW0fT42R54JbGSORsj5mCvKAT0DN6mvtU187/tJyRaP8YfgNrVxLHb2y6xqemyTSsEVfO0y4kUEn1a2FcGO53hpqG9jejb2ivsXdL+BXw20Ig6Z8PfCunEZx9k0S2ixnr91B1wK7Cz0+202HyrS3htYs52QxhBn1wPoK5bWPjJ4A8Pb/wC1fHPhvTNu7cLzV7eIjB+bO5h071yN3+138GbWd4U+I+g38qKWKabc/bWwCM4EIbPUDjrnjmvyr2eKq68sn959LzU49UevZPpQMjgCvnnxz+3Z8L/BMcEanxFrWo3RYWun2mgXcD3G3G4pJcxxRkLuG47uMj1APl97/wAFFtZdv+Jb8JJGQ9G1LxDHAQMd1jhkwc4GM/jXRTyvHVf+Xb+en5mbxFGPU+1sZGD09KNv4/U18D3v7fHxRuubLwd4R04YH/Hxe3V2R652pGM/jXPX37Znxv1JR/xM/CWkMFUMLDQpn56nmW5bGemcduld0Mhxst7L5mLx1FbM/RnG7v19R1/+tRk+vXn3/wA8V+WOuftQfHGXVdMs5vidcW9tes8b/YdG0+EgopcbWaFmGcHv2qjf/ET4jatn7Z8U/GkmSSfs+rG16nJ/1Cpj8K6YcN4h/FNfiZPH0+iP1c688Emvkr/goBpPh7w3+yL8V49NW1tb/ULnT7q7jSUGSWVr+2O5hnrgHp2HSvjfULe71rd/aviDxFq7sCGbUNfvJ9wPUENKQc15t8Y9B0+y+HmsNHZxhrYQ/Z5GG5o90ybsMcnnP5cV20cjeExFOpKd9ex6GFq/W8PiOWXLyxvbvZn7Fax8fvhhoLFdS+I/hPT2Xgpda3axt0zjBcHOOenTHeuOv/21vgfp7EN8R9JuiCARYeZd84z/AMskbP4V+dNv4f0uzYmDTbSA5zmOBV/kKvqOgHToPaupcOUW25TZ431+eyR9x3P/AAUI+DSs66fqOva2UIDCx8P3vGeRnzIlwcYPPYisG8/4KMeDtrLp/gTxvfyfLtZ7O0t4yc8gmS5BHHsfwr4c0v8Ad+Ltej6eZFaz/XIkT/2kPyrerpjw/go938yHjqvQ+or7/gorqGT/AGd8JbyT0/tDXoLfv38uOX+tc/f/ALf3xIutxsPAnhfTFIOBd6rc3TLzxnbDGD+lfPvsOBRXTHJcDH/l3f5sy+uVn9o91s/+CgXxJ0++srbW/Dngu3s7q6it5NaN1dw21grMFMk6BZGKDPVTxjJwK+uU8B/tB6jlZ/E3w30JWyCbbRr+/dOexa5hBIX1HPt1r8wPE1qNQ8O6pbMN4mtZUwfdCK/Yr9nvXn8V/AX4ba3K5lm1Hw1pt28jHJLPaxs2T65NarKcFF8ypon61W/mPLdW/Zx+KfirSb/Tdc+OEYsb6CW3ni0fwhbWwaOQFSAZpZiPlJHrzmvcvAHhKHwD4H8OeGLe5mvLbRdOttNiuLjb5kqwxLGHbaANxC5OBjPSuh2j0o2jriu+jh6VBWpxSMZVJT+J3FoooroMwooooAKKKKACiiigBD0Oelc748g8S3Pg/V4/B9zp1p4maAjT5tXjd7RJu3mBPmK9enNdHXL/ABQ1q/8AC/wz8W6zpCxtq2naReXdmJkLoZo4XdAyggkbgMjIz60AbOirfppNiuptC+piCMXTW2REZdo3lM87d2cZ5xir9ea/s4fEa8+LnwJ8B+MdSWBdT1rR7a9vFtk2xCZkHmbRk4XcDgEkivSqACiiigAooooAKKKKACiiigAooooAKKKKACiiigBK8d/ap02PUvhbZLK0iRx+J/D7SPEQGWNtXtI5SO3Ebv1r2OvIv2tLRLr9nPx28mRHaWH25ivULBIsxP4CPNAE+f8AhNiPC/hcf2Z4Rsv3N7qNvx5+OsMJPXOcs3Oc5OQR5h/yO3/FL+F/+Jb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5gP8Aitm/4Rbwv/xLfCFj+4vtQt/+W3rBEec5zlm77s8g/vIby+t/E0P/AAjmgXEWi+DbIi3vdVVgizHvBCxPJOcluc5zyDhwZN/yO3/FL+F/+Jb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5h/yO3/FL+F/+Jb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5nD6/8dfhtdH/hFrP4heFfCfhKxUR32oXGtW0BmUkjyoS7jIY5BfuT3Bw9DU/2ivh54ilj8J+GfEkcXhW1Xyru80O1nvXuR3hg8lHJBzln5yMnlfvgHo//ACO3/FL+F/8AiW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8jt/wAUv4X/AOJb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5nA658ZbLW1tfC/hfwl47t/C0cYFxeWvg/UoDcp18qFp4UXDZOZC2DyckffseIPHHi7WrGy8OeFvg/40svDCrsuZ1k0y0lePn5FWe8RgrfxMQWOTlTyHAO2/5Hb/AIpfwv8A8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzOQ1y4+LGuaLaaB4f+Gdj4Y0NQFuE1HxNFDNJGSf3YMEM4TPJZvmJz/FyDPq3hf41a74eh0Gw07wH4K0kLskjs9VvdRdo+6BjawcHlierZweMlgDqP+R2/4pfwv/xLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMM/8Jtnwv4X/wCJZ4Qsf3N9qVvx53rDCe+c/MxznOTkEeZgXvws+LWr+G10JPH3hHw3pIXy/I0bwnctKU5yplk1Agq2ST8gJ7scsDY/4UL4ru/D40S4+L/iDT9L8vyjb6DpOmWvydxult5jyc55+bJB6mgDW3f8Jtnwt4X/AOJZ4Ssf3F7qNv8A8tu5ghJ65z8znOc5OQRvXP8Awm2PC/hb/iXeEbLEN7qNvx5w6mGE/wAWc/M3fOTkECTOtv2aLFdHGlXfj7x1facEMRtl1hbJChz8p+yxw5BJYnuckEkcVPafsp/DqGx+xTW2v6nZYKm21PxXqt3CQckjy5blkAJJO0DGTnFAE9xcReLIW8OeHZF0fwZp48rUNUjIVZRyTDEx65z8zHOc5JI4fifEHx2+G1xcf8IhafEPwp4S8L2QMV9e3Gt21u0wB+aGHe/IOfmfnOSTwQJOD/a8/Zl+FPhz4W6Hqlp8P9Bt47PxZoQvJ/sKNLJay6hBBNG0pG/a4l+bn5jjOa7zSf2aPhJoQX7F8MfCEDgY8z+w7ZnOTnlihJ59TXh5hmkMvlGMle510MO6ybucf44/bS+B+nzJ4RtPiZoWjeF7NSl7eabMbpp1HWGHyQ5OSTlj97nqOHz9e/bb+FuuQW/hnwjdeIpvDMMZS4l0TwvqMk9yAu4wxAwDGQeWYjOSTkZ3+7aT4X0XQP8AkGaRYab1/wCPS2SLr1+6B1wPyrT/AErwpcTfy0vx/wCAdyy/vL8D541r9q2XXbex8NeGfgt8W7LwuF2XM8PhlbaSZME+XH58yAA5+ZicsT0IyG8X8WTfH7xFP8YNI8DfAxNK8H/EO2hsGbxJqVrFdWMA01LVysa3XL7hJIDzyctzmvu/A9B+VH41yz4kxF/dgl63NFgIdWfJPwx8L/Hnw38PfC3hofD3wxazaTplpp73up+KmxIY4VQt5cNq+Pu54Y9eM11UPgX4/wB3tEt98NtJztyUi1C+x/e6mDPHTpzX0Xuo/hxjA9O1KXFWZSXKppL0IWV4ZO7ifPcfwO+Lt5se++MGlWBON0Wk+EFGMMc4aa5kzkf7NTp+zH4jvlxrXxu8bXHy4I0y30yxHDZHK2rEfnn3r37+vP8A9egAccY/DBrjlxBmc/8Al8/kbRwOGjtBHzxB+xd4fk165vtT8ZeM9WjuYBE6y63NBO7bt3zSwNGWQDgR4AHWvHv2FP2Yfhh8Qv2VfBOu+JfC8etanefb/Oe7u7hoyBe3EYAi8zy1+VF4VRkjPUkn7Ju9HvV8VRa2+tyQaRBZvDLphRRC75Decz9cgDHpXzF+wL8UPBng/wDY38AQa94v0LQ5ov7Q3x6lqUFuy51C5PIdwRwwPI7iqp4nFVMHUam2+Zfrc7MU41KlN1JKVo29Etlt0PbtI/Zh+EGh4Nn8L/CMTg5EjaLbu44x95kJ6e9dto/g3QPDxB0rQ9N0wg5H2Ozji7Y/hA7V5vqn7YHwU0h9k3xR8MzPxxY6hHdds8eUWzXL3n7fnwQt5kgt/FF9qdy/Kw2Gg6hKzADlgfIAIGVzg9xxXn+wx9V6xk/vM+ajHsfQ/wB3ocfSjhvevlq8/wCCinw9hYC08L+N9Tzj/UaTHEOe376ZOlc7qH/BRdWU/wBmfCvXJuBt/tDUrS3yc8ghGkIIHOMZrSOV46erg/mDxFJdT7Ix37+tJjH0r4Yvv+ChHji8z/Z3wz0XTuSA994iln78fKlqv5ZrFm/4KB/FTS47i6m8DeF9WhUbks7K8uYZsc8BmDBj04wpznrXT/YOPavyfijL65R7n6Als9eaXOT7+9eKfDXVvjf8YvBOieLPD+p/C+z0TWIFubaZU1G/YIWwwZSbf51IKlTjDAg4rp/+FK/GzUvnvPjJoWmhs5h0fwWBsyezz3kmcDjle/etYZBjXq7L5kvGUkX/ANi9ha/By+0bjOieK/EOncDHyrqt0y8f7rr+le8jrXnHwM+ET/Bvw3q2nTeILrxNearq9zrN1qF1bxQFppypcKkYCquVzx3Jr0iv0enFxgk90j5+TvJtC0UUVqSFFFFABRRRQAUlLRQAmK5rx78M/CXxS0m30zxh4b0zxPptvcreRWerWqXEKzKrKr7HBGQrsOR0YjvXS0tAHBaL8Bfhn4cCjSfh14T0sL0FnoltDjnPG1B35+tdpa2VvYQiG2t47eIEkRxIFXJ68CrNJtFTYd2flb+3LLcXX7XniL7US4tNB0yGyy2fLgczOwA7AyBiQOpArxevoL/goZp/2H9qywuVXbHqHg+1zx1eK8ugT78Sp+lfPtUIO+e9Hp6DtRRQBg+Jsx33h2f/AJ56jjPrvhlj/mwre61g+NP3el203/PHULSQ/T7Qin9Ca3v/ANVABXBfHKQf8Ky1tMENiA/+R4672uD+ODBvhnrMaj5mWEj8J481E2o26anZhqcqrmuRyfK3p08/RHedzRR3NFWcZgx/u/HU3pPpsf4+XI//AMd/Wt6sG+/c+NNHftJZXUJ9zvhYforVvUAFFFFACMoZSD0PFfqF+wnqX9qfsi/C6QuX+z6Qtlk/9MHeDH4eXivy+r9Gf+Cbt8Lj9lfR7HOTpesavZ9e32+eQf8AjsgoA+oqKKKACiiigAooooAKKKKACiiigAqlrWkwa9o1/pl0C1te28ltKBjJR1Kt1B7E9qu0jHCk9aAOQ+E/wz0f4N/DvQPBXh9rltG0W3FrbNeyeZKUyT8zYGTk9gPpXYVyfwz+Htj8LfCsWgafqGqapBHPNObrWbxrq5d5JDI26RuTyxwOwwB0rrKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArK8V+F9L8b+F9Y8O63ai+0bV7OawvbUuyedBKhSRNykMMqxGQQRngitWigDyG1/ZQ+GlvZrZyaXq+oWqqVEGqeJdTvUAJJIxNcuO5/M+pq9Y/st/BzT5PMh+Fng4zYKiaXQ7aSQKeq72Qtt9s4r1CigDG0bwb4f8O7f7J0PTdM2kkfY7SOLBIwSNoHbitfauc459adRQA3aAc45o2j0p1FACbR6UbR1xzS0UAJtHpRtFLRQAlBGaWigDwX9uWFpP2U/iBcKuW063t9TAxnBtrqG4z+HlZ/CtTV/iH4V0BWbU/E2j6Yozk3l/DEAAccktj0r1XxB4d0zxVod/o2sWMGpaVfwtbXVndIHimjYYZGU8EEcEVwWi/sv/B3w7t/s34V+DLN1xiSPQbUPwcglvLySM9zXiZjlkcw5bytY7MPiHQTSR5jq37Vfwb0Nit18UfCZkBIMVvq0M77gQMbY2Y5ycYx688Vg+Iv22PhB4Z0ibUrnxFe3FnHkCW00O/ljdsgBBIINgLMQoywGTjPp9T6R4Z0fw9Ht0vSrLTUxjbZ26RDGc4woHcn86+I/wDgqJcXTj4RWBZjpcmp31zLHn5GuIrYCFiO5CyTEema82PDeHXxTf4f5HQ8fPojnNU/4KMJIzNoPws1m6tyf3cmsalb2DMMdSi+aV57HnHNc9ff8FBPiBdHNh8O/DumLkcXuuz3J6f7FvGOvuPxr53or0IZJgYL4L/N/wCZg8ZWf2j2W6/be+Nl8uI4vBOlpwd0emXU7+4y1yAf++RXGeLv2tvjta6RPex/EC3szFsyLHQLVeN4DN+9WTnBI/CuN7571i+NoTc+DdcjUfP9hm29/m8tsfrXXHLcJHakmZPEVX9o7y/+LfxT1bcL74r+KmZh8y2s1vaDrkjEMSkfnXPX2oeIdYVhqnjbxlqytnK3niS+deeowJQAPbpUVvMtxbxTL92RA6/j/wDWqTAPauqOHox+GCXyM3Um/tHOX3gvRbu+hku7BdQdi26S+drhj36yEmuZ+CugaZdfDnR7qbTrSW6k84PO8Cl2xM4GWxk8AD8K9HdVLKWAyDxz3rh/gf8A8ku0T/tv/wCjpKKVNwc9fkepjcRTrUMPGEOWUU03pq7/ANbnbxwxwqRGixgnJ2DHP4Viat+68WaBL03rc2+QMdVWTH/kP9K3qwfE37vUPDs//PPUcE/78EqfzZa322PHN7AxjHHSj/8AVRRT1APrz25o/wD10UUg1P0E/wCCZeqfbP2eNU04MTFpHijUrSNOyK7JcbQOw/0jP419ahAK+JP+CXeoBfC/xU0kMCsPiSK+AHpNY265/OA/lX25TEG0DoMUtFFAwooooAKKKKACiiigAooooAKKKKACiikoA/O//gprp/2P4ufCvUe19pGrWZ+sUto4/wDRjflXyrX2p/wVE0srYfCXWmUiKDWrvTjJjgGe0d1H1Jtx+VfFf1GDQAUUUUAYXjz5fCGrS4z5EJn/AO+Pn/8AZa3f4eufX9Kz/EVt9s8P6nbdTLaypj6oR/Wn6Hc/bND0+4zu823jkz65UH8+aALtcJ8bF2/DvVZD91VjU/jKmK7iSWOFd0kixp03MQP8mvOvjTr2nXXw61a2i1Czlmk8rEUdwrPxKh4APPQ/hWNWmqiV+lmelgcTVwtSTpNXlFrXs0ekdzRWBb+PdAvJvKtdSjvpM422SNOSSfRAf8/nWvZyarqiqdM8J+KtUBx81p4evHXk4+8YwuPfOPeujlb2R5fNHuZOv/u9d8NTf3ruSE/8Ct5W/mgFb1OvPhf8RfEjac9h8N/Eoe2ulnH2uGG2BALKQfNlTGQx611Nn8CfjBe9PAUViMHm/wBath3wM+UZOvWtFRqv7LJdSK6nKUV3vhX9mf4reMPicngdD4S0fVJNHm1lJLnULiePyY5ooWXKwL84aZD6YPUGvarH/gmd8QL1iNQ+J/h7S1ycfYfD8102Mer3MY6+359KzlFxdmWmpK6Plj6fh6/lX3//AMEx4bpf2f8AWrqRT9ivPFeoS2MmMK8I8uMkH+IeakoyO4I7Vy3h/wD4JeaW9wn/AAlvxO13XLEHdJZ6TZQaYsw4+VnBkcKcHO1lOG4IIzX2Z4T8K6R4F8N6Z4f0DT4NK0XToFtrSytlCxxRqMBR/U9ySetSM2aKKKACiiigAooooAKKKKACiiigApKWkoA+Yf2Jta1C61r9oLSdTv7q/m034n6sLc3czSNFayJC0MS7icIoBwAcY6Yr6frj/CfiTwbeeL/Fnh7w/Npw8Q6TNBPr1nZxBJYpLhDJE82AMs6AsCckgV2FABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXxV/wVE08D4e/DTVlGXtfFq2x9kmsbsE/99IlfalfKn/BSvTRcfs0i/K5XS/EWk3JPTaGuVgz/AOR6APzwooooAKgvrf7ZY3EH/PWNk/MEVPRQBkeD7j7X4T0Wc9ZLKFz7ZjU4/nWvWD4G+XwvZxd4DJbn22SMmP8Ax2t6mA2RUwu7HBz+NcP8D+Phfoo7/v8A/wBHyV2V8CbckDJyD+tcl8Glx8ONKA6bp8f9/wCSueMr1JxtsexWwzjgaNfnvzOSt2tb8ztfwzWD4z/d6bazZz5Oo2bZ9jcIrH8ia3qwvHQ2+EdUl6+RF9o/74O//wBlroPHN319qKAflHOeP/r0UgCiigf5xQB9a/8ABMHUPJ+IXxf01mx51no19Gv43sbH/wAdSv0Gr84f+Ca8NxN8ePHs8Kl7O28O2dvdSL91JmuZGiUn1KiU464Nfo9QAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUlLRQB578cvgzoPx8+HOoeD/EJmitbkrNBeWrhZ7OdDuinjJ43KfXIIyCCCRXwzdf8ABN74uWt88Fp4y8G6jYq+I767huoJ3XIGXiUOobHYPjPpX6T4x0pCo9KAPzw07/gmX48vVzqPxT0HTOvy2Hh2W5PXj5nuk7e34V594l/YxvPDHxybwJf/ABI1S6s38NR63HeWemW1szSG6khkTDLLgKFjOeuX9q/VDHHFfJX7T1vrfhX9oTwR4tsPCXiPxRps/hjUtJuj4d0qS9MMq3NpND5gThNwMu3cRnDehxtR5faLn2M6l+V8p4lbfsO+DlJ+0+KPGN+ORiXUoovx/cxJWxY/sW/Ca1VRNoWoX7JwPtmuXz7RjG3aJQv6V3kPir4gaq2zSvgd46ucHG6/bTbFCNucgzXYIPIHT171dt9M+OeobfJ+EOn2IJAJ1bxdBGF4ySfIim78f/Wr2+fCR7HnWrM5XT/2WvhHprh4/h34fncd7yyW5zxj/lpuzxXkH7dngfwv4M/Zj8Q/2F4U0XS5Lm5s4DPY2EUDRqJlfKlVB/g2/Rq+lbf4V/tC6hsMlt8NtFVgpIOo3986+oIEEIz2wG/E14T+3p8FPifov7KPjPXvF/jTwtd6fp7WEh0nQ9AnhaV3vIYhi4lu227fMB/1Z3AYwOtYVsRR5HGnv6HTh6clUUquqXQ+j4oo4Y1jiVURVwqKuAAMcYHpT+Mg8ZPPXH86Lf8AZL8YXmBq3xz8QmMn549H0TTbTPPZpIZivoOeO+avRfsUaNJ/yEPiZ8S9UzuB3eIFtM5IJ/49oYsfhirWPpxSSRl9Wm3qyiMduBjtwPrn+nvVe91K002Pzru6htIuvmTOEUcZ6k/j9K6SP9hn4RTbjqWl69rsrBleTVvFWq3JYNjOVa529hzitnTv2MvgVpszSp8JvCd1K2d0moaXFdsc+8oaoeY9oj+qLqzxD4f+NdCvv2wvh6uj63p2o3Fz4e1vTbqGyuo5mQbrO4QMFJ2/6huv0r7SCflXNeG/hb4M8HXCT6B4R0LRJ0JKyabpsNuwyMHBRR1HH0rqK8utUdWfOzthHkjyoTbRgUHoe1JuP41iWOopgbPHQ9agvNQg0+EzXU8VtEDgyTOEUfiaALVFef61+0B8MPDef7W+JPhHS8AZ+2a7aw98fxSDvxWQP2pfhfMf9B8Vx613H9i2dxqGfp5Eb5PfHUAg9OaAPV6K8o/4aO0W6/5BvhXx9quemzwbqNqD6/NcwxKRjvnB7E0n/C6PFF5gad8GPG9yP+e11PpFrH9CJL7zAcY/gPXtzgA9YoryceOPi5ff8eXwu0a19P7b8XCD35+z2dx29M8+3NL53xvv8f6N8P8AQyf+ni91Lb3/ALlvn07ev+zQB6tSZryk+E/jFfEfa/iV4ZsVP8OkeD5EZfbdPfygnPGdoyOwPNIvwi8Y32Pt/wAafFxGBmPTdP0i2jb8WsncYPTDjtnNAHq27pXk/wAP/wBqr4WfEzxPqPhnRPGmnHxPp95LYXGiXr/ZbwTRu0bqscgBkwykZj3DpzzT/wDhnuxul/4mnjj4gaqTy3/FVXdlu9f+PRocZPpjHQYFfKvgP/gkz4R/4XZ4r8c+P9Tm1/R7rW7m/wBJ8Ox3U0i+U0peNry5kYyzPzyueSMs75IoA+09L8VeD2+I2s+HbG509PGgtYL3UrWGMLdPCQVikkIGWUcqMk46V19fkJ+3d8Q/EXwj/b28J+J/hzouqSL4cstNtZbSysJFtrqWNbh2tUKrh1+yTFTt+6C+PuV+sXhLxRaeMvDOka9YCUWOqWsV5CtxGY5FSRFcB0PKsAcFTyCCKANmiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAEr58/b80htZ/ZB+JEaIZDa2cOofKM4FtcxXBb6ARE/hX0JVHWtFsfEWjX+lalax3unX1vJa3NtKMpLE6lXRvYgkH60AfiijCSNWHKkZBHI55xmlr6f8X/APBNHx5oOtTW/wAPvF3h/UPDIYfZIPFH2iK7tIy2PKMkSOJgq42uQpPQjuTTf+Ca/wAT7sL/AGj8QPCelg53NaaVc3hAz1G6WLt6igD5gpcexr3P4x/sN658JI/A0t18UZNUi1/xAmiXBs9AitTAsltczJIvmSy5IaBFwf75ratv2GvDvW+8c+MLxyCD5Vxa26deoCW4IOPeumlh51leJjUqxp7nyn4P+Sz1CDvHqV1/4/K0mPyet3tnt/nvX1NY/sSfC63aQ3Ntrmo+YxZ1uNeu1DEjHIikQZwPSt2z/ZH+EFlj/ihNOusHP+nNJdc4x/y1du1day+o92jH61TPi+41zTbYhZb+2RjwFaVcn6DOTXnXwj8ZaHo/w/0iwu9UtorxTKDb+ZmQEzyEDaOeQQfx+lfpm3wi+GngvS7vULfwF4bsobOBp5GtdHt1faiknBCZJwDXnn7AtskP7KPgphGqySG+3sqjLkX1wBn1wKX1FqoouW5q8RH2PMo7Pc+UrPV31XA03SNd1Vm27V0/RbufOegysfU8+nSrmoeB/G3ijQ7+xtPhz4uY3du8AM+lm2A3qV581kwOa/SM4A54A6ce3+FGO2M9fu+3XFdKy+HVnL9al0R8Aab8F/i9eW8Qj+HNzENgzLfarZRDIwDlVldh+VTap8C/ivp2oeHbO40fw7pr65q0Oi28l1rEkgjnlLCMyCOA4XI5wW7V98TOkaM8pCRryzPwAAMkk9uK8j+OHjbw9a2PhSca7pb6hpnjDQL1LQXcZlfZqdvvCoGyfkZicDoDSqYOlCDaY4V5ylZo5ew/4Jt/FW6X/TvHHg/TM5/49bC6u8en3nj/AD/Sup0z/gl7qTSqNZ+MVxLCzfMuk+HYrVyuBwrSzTYPXnB+lfeozxnr3p20eleIegec/A34E+E/2fPB48O+E7WZYpJTcXd/eSebd30xwDLNJgbmwAMABVAAAA4r0ek2iloAKKKKACiiigAooooAKKKbu7Z5oAdRUfmHqPwp26gB1Fc3rnxH8KeF9/8AbPifRtI2Z3fbtQih24ODncw6GuPm/am+EMcrwxfErwxqE8Z2vBpmqQ3kqtnG0pEzEEnoCMnBx0oA9Uoryf8A4aa8F3H/ACD4PFetHOF/snwfq10hPb94lqUAPZiwBwTnil/4Xxd3f/IK+F3xA1XP3f8AiWQWO70/4+54cZ564xjnGRkA9XorycfE/wCIt/zY/B3UrQH7v9ua9p1vj03fZ5bjHvjPHTNL/bvxt1DiPwb4F0dD92S48UXl249zGunxjjrgSHPqOtAHq3tSbQFryn+yPjZf53+K/Amioeqw+G7y+cD0V2vogD/tFCP9njlf+FbfEm+/4/8A4w3drnhhofh6xt8eu37QtxjjpnOD1yOKAPVMd6TA69a8qHwKv7wf8TP4r/EDVcjn/TbSy3ep/wBEtoccHHGMdueaX/hmnwdcNnULzxfrBPBGo+M9XmjYcf8ALI3XljjAOFGcc9TQB6i0qRo0jMqouWLNwAPXPpXyT/wUi8TaH4o/ZB+IPhfTfEGiSeILr7AINPk1W3ikfZf20z4DuOkaOx9lNe0x/sr/AAg3q9z8N/DeqSqdyyatp8d84PYhpg5B7denHSut0P4X+DfDO3+x/Ceh6VtGB9h06GHHOeNqjvzQBxUP7Unwm8uNLX4haNr0irjfo8/9oFyByR9nD9+Djvx14qT/AIaT8L3OP7P0bxvqretr4J1cRn6SyWyxnnjAbOe3Bx6vtHpXAfGj4p2/wd8Cya2bKTVtRuLq30zStKicI9/fXMixW8IY9AzuCWwcKGOGIwQDH/4XhrV3/wAg34P+PtS92i02zH1/0m9iPX2z3AI5o/4WJ8Ub3H2H4Spaj/qN+JraD8/ISf8A/V6dKqeA/il4m/4XhrPw08XDR7q/i8PWviS0vtFglhjEUtxNBJBIskjksjxArINocMfkUjFexYoA8oOpfG++6aD8P9E+ut32oe2P+PO3/wA8e9H/AAj3xqvc+f488F6avZLLwjdSuD/10k1HGPbZn37V6vgcUm0ccdOlAHlJ+F3j69A+2fGnxBa/9gfRtJh+n+vtp/x9e2KF+AX2j/kI/Ebx/qXt/bgsx7D/AEWOLp+uec16vtFFAHlC/sx+AZhi9i8Q60P+ox4s1bUB0wP9fcv/APWyfWrFn+y78HrGZZk+F3hGS4XgXFxotvNKB6b3Qtj2zjOTXp+KWgDH0XwboHhvH9k6Hp2l4JI+xWkcPUYP3QO3Fa+0HjHFLRQAm0UbRS0UAN2jrilxS0UAJtGMUm0elOooATFJgDmnUUAeQ/GNpv8AhZ3wKURRfZv+EvuSZPMO/d/wj+sYXbtxjGec/h3r1oZ9vrXlvxkAHxE+BZ6f8Vnc/wDqPazXyx8VPEGgeJvAP7RPxM8dL/a2t+H9V1Lwx4M0+eEXDaPLaQDy57SLB2TtKWuHnA3rHGCWCR8AH31uPGfWn14J8NfD3iT4T/Du2sfCulab4+8Y6peXGp+JtXvNWXTrVtSfa8/mukc8gbkRxosTbUiVWZQBn0T4L/EofGD4X+HfGC6ZLo/9rW3nNYyyrL5TBmVgsi/LIhKkq4wGUq2BnFAHb0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQA3aM5xzSkcGlooA+fP21NJ1O9+F2happOi6l4gu9B8U6Tqj2OjWcl3dtClwEmMcUYLOVjkdsAdATXlsfxC8U324ad8GviNeEZ2tLpdvZqcDOT9ouIzjnHrkd6+09oHQY4xS7RXVRxFSirRMZ0o1HdnxxD/wum+fFr8ErqzTOA2reJ9Oi4Ck5/cvNjnjp3q9D8P8A9oPVNjJ4W+H+gpxuW+8S3l3IOOcCOyVTz/tfnX1ztFG0Vf1ys/tCVGmuh8kXn7P3xz8QaPdWmoeL/AWmR3FuY5I7DRLy5dtyncqvJdRgemSnfOO1eNfsFfAHxd8QP2U/A+t2fxWvvDGkXX23ytM0/RLOWSHbqFyr/vpw+4sVJ5TjdjnGa/Roxrxx06Yr4Z/Yx+Kt9+zn+y/4S8CeMPhn8S28T6NLfR3NppXgvULtAJL2eZSJli8pwVkXlXI5+uOd1ZuXNfU2SUYez6XuesQ/sXx3OG1X4vfEjUGP31gvrKyjJyCcCC1QgH/e+mKux/sPfDe5UrrN54z8Rg7sjU/GWqEEk5Pyx3CL7Yxj2rnrv9uuRZ/Js/gD8bpD18658FTxwkfVS75zj+DHXnpmD/hsbxnej/Qvg3r1p/2GdJ8SRH06QaHPz7Z6dx0pOpN/aJUIrZHc2/7EXwLhcPL8NdH1F+Tu1TzL08nJOZmeuz0H9n/4XeF5kl0X4beEdIlRt6yWOhWsLBvXKxjn3rxP/hpT4g33/MJ/sUdf+Sb+L9R/D/jxt+vXPbGOetJ/wuLxlfYN7441+05/5g3wK8Rxf+jxP+P9Ki7Ksux9VdzS7vzr5V/4TIXX/H/8UvjpKv8Azys/hdc20fscroZfP/A8e3ekW7+HdxgalrHx+1Ltj+yfGNn9B/ottF0H596Qz6r3Ht1+lZWs+K9G8OjOq6xYaYMBv9MuUi4JIB+YjqR+hr5r+w/AOX/j98BfELWP+wz4K8Wah/6Ptn+v15rU0e+/Z88OnOlfBzUdNOSxNr8G9XjJJGCTt00cnA574FAHpOoftPfCHS5/JuPij4PW4IyLdNctnmIyRkIrliMgjp2NVf8Ahp/4fynFle63rPHH9i+GNU1DP08i3fnvjqAQenNQWH7QXgXSoPIsvDnjmzhzny7f4aeII1zgDOBYegH5CrP/AA0r4R/6A/xA/wDDceIf/kGgBv8Aw0DHef8AIM+HvxA1Pjj/AIp97PP/AIFtD29fp14o/wCFs+O7zAsfgv4kgz0fWNW0m3U+/wC5u5mwfdQc8EDrTv8Ahpbwj/0BviB/4bjxD/8AINH/AA0r4Q/6A/xA/wDDceIf/kGgBv8AwlHxovv+Pb4f+D9Pj/56ah4vuGkHf/VxacwPYf6wYOeuBlfsfxwv/wDmM+ANDz6aTfalt/8AJm3z6dvX/Zo/4aU8If8AQH+IH/hufEP/AMg0f8NKeEP+gP8AED/w3HiH/wCQaAA+Afipfj/T/ixa2mfvf2H4Whgx64+0TXGPbOeOuTzTR8FNdvOdU+MHju/B6xwtplmg74U29lG+M+rE8Dmn/wDDS3hH/oD/ABA/8Nx4h/8AkGj/AIaV8I/9Af4gf+G48Q//ACDQA1f2b/Dlwc6nr/jnWGP3hc+NNVjjY98xRXCRkHrgrgdgKd/wyr8Jpv8Aj+8DaZrfc/24H1Ld67vtDPnJ5Oep5PNH/DS3hH/oD/ED/wANx4h/+QaP+GlvCP8A0B/iB/4bjxD/APINAHRaH8E/h34X2f2N4C8MaTsxt+w6Pbw7cDAxtQdBXYQ28VvEkUUaxRoMKiKAqj0Ary3/AIaW8I/9Af4gf+G48Q//ACDR/wANLeEf+gP8QP8Aw3HiH/5BoA9U2Dril2j0ryr/AIaW8I/9Af4gf+G48Q//ACDR/wANLeEf+gP8QP8Aw3HiH/5BoA9V2gUYFeVf8NLeEf8AoD/ED/w3HiH/AOQaP+GlvCP/AEB/iB/4bjxD/wDINAHqu0elGK8q/wCGlvCP/QH+IH/huPEP/wAg0f8ADS3hH/oD/ED/AMNx4h/+QaAPVcCjaPSvKv8Ahpbwj/0B/iB/4bjxD/8AINH/AA0t4R/6A/xA/wDDceIf/kGgD1aivKf+GlvCP/QH+IH/AIbjxD/8g0f8NLeEf+gP8QP/AA3HiH/5BoA9Wr5i/bP02DWPEHwKttXu5tM8NDxwkl7qMNy1s1tMLG6+zHzlwYyZCADkfMV74r0f/hpbwj/0B/iB/wCG48Q//INQX37Q/gjU7SW1vPD/AI7u7WUbZIZ/hr4gdHHoQbDBFAHlHwP8D6lffFD4v/ETwVeTarbSWFn4X8K6t4q1O71GC9Nt5klzP5jyO5tzcSlB5ZVGMLlfvFq9V+E3jbxhrHxQ8e+G9ZvNO8QaFoUdisGuafYNaKL2RZGubMgyyBzGot3yDlfO2tk81X1z9obw5e+H9QstLtPH+kX81rJDa3o+GXiCUWshQhJPLNkAwU4O3IBxivNfgl4o0r4Spa2954l+JviTTrSya1g05vhVrVrD5jujyXMhSwLzTO6sxkkdjmWQ9WJIB9Y0V5T/AMNLeEf+gP8AED/w3HiH/wCQaP8Ahpbwj/0B/iB/4bjxD/8AINAHq1FeU/8ADS3hH/oD/ED/AMNx4h/+QaP+GlvCP/QH+IH/AIbjxD/8g0AerUV5T/w0t4R/6A/xA/8ADceIf/kGj/hpbwj/ANAf4gf+G48Q/wDyDQB6tRXlP/DS3hH/AKA/xA/8Nx4h/wDkGj/hpbwj/wBAf4gf+G48Q/8AyDQB6tRXlP8Aw0t4R/6A/wAQP/DceIf/AJBo/wCGlvCP/QH+IH/huPEP/wAg0AerUV5T/wANLeEf+gP8QP8Aw3HiH/5Bo/4aW8I/9Af4gf8AhuPEP/yDQB6tRXlP/DS3hH/oD/ED/wANx4h/+QaP+GlvCP8A0B/iB/4bjxD/APINAHq1FeU/8NLeEf8AoD/ED/w3HiH/AOQa8e/ao/bqg+Dfwjn8UeFPD/iC91W3vbWNrfxL4O1rTbSSJ5NsgM89tEiPtzty/XHDdCAc/wDtW/tv/Db4S/HH4e+HPErazZ6l4T8QNq+obdPZo2tptG1C3R4Wz8/7y7iBx0w/92vpTwl4Z8CfEDR5PG1t4K0yObxlpcZv7jUNIhjvL+0kiXbFd5Us67NoKOTgDGOMV8H6fP8ADX/gqt48+HHiWHRdT8N674Oux/wk2nXtpJNbXunAGUQJdovlsPOCqFfy32zzEKdor9MI41jVVVQAoAAAxgUAePfFzwD4rn8KeHvCnw40Xw3aeE4ZCmraTNqkuiK9mq4S1ga3tJ/LRmPz7Qp2KVGN5Ze/8Ax65a+FbGLxHYaPpWqRl0NjoEsktnbRCQiCNHeONm2xbATsQFgcKoIFdJtFG0elAC0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAlIVDdRn606igBu0ccZxS4HpS0UAJijaOeOe9LRQAmB6UUtFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUm0DoKWigAooooAKKKKACiiigAooooAKKKKACiiigAooooASuK+LHwg8K/HDwj/wi/jTTv7Y0J7mG6lsvOeJZXiYOgYoQ2Nw5GeeldtRQBk+F/COieB9DtdF8PaRY6HpFqu2Cx0+3SCGMf7KKABWrS0UAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAh6V558W/iZc+CRoOiaJbQ6h4y8TXbWGj2lwG8lWVC81zNt58mGMF2AILHagILgj0OvlzWpX1D/gpN4ZtLvJtdN+Gl3eWKtwBPJqCRylfcoozjnAoA+kPDtrfWGi2lvqWpNq9+kYE180CwiZ+pIReFXPQc8AZLHJNTxlZ67qGgzJ4b1WDSNaUiS3mu7YXFu7Dny5UyGKN0OxlYdQeMHwP9pOx8NeJPjN8PtJ1yO98e3CWN9PB8LbawiuINSJMai/u2mkSCOOEgqDPkEuQgLZBwP2A4b7Qbz44eGZbVdJ03RPGs0FhoVtevdWmmRvDHIYLdmRMRgsSFVVAJOB3IB9A/CH4oW/xX8LS6ilqdM1XT72bStX0p5BI1jfQNsmh3ADcAcMr4G5GRsDdgdzXy3+zpNJZ/tiftQaXAWOli50C+VckqLiWwPmkHOMnYucAH5eelfUlABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUjHCk9OKAForhvjH8U4/gz4B1Lxfd+HtY8RaZpkbXF9Dov2bzre3RGd5is80QZVC8hSW5GFPOOGtf2rNOs5vCz+KPAvjDwTpHiae3tdL1vV4bGeylmnA8iN3s7udoS5IAMiquTgkUAe5UVHuY9D/XvXm/j/AOMzeBfip8NPBh0Ge9TxpcXtuNVFwkcVmbe1e4wU5Z2cJgAYA5JbgAgHplFcv8P/AIh6N8T/AA7/AG74euvtulm7urNLgAFZWt55IHZCCcoXjba3cYPei4+Iui2/xDsPBJug3iG90yfV0tUIJS2ikiiZ35+XLzAL67X/ALtAHUUV4m37QHiDRfGHwv8ADHif4fT6Bqnja+1S1bGrwXMVglpHNLG5ZBmRpo40YKAAgchm3Lg+i/D34haN8T/Dw13w9dfbdKa7urNLgY2ytbzvA7IQTlC8bbW7jB70AdPRRRQAh6GvFPjV8Pr23+IPgr4s+H7GXUNb8KC4tNR061XdPqGlXCgTRxrxvkidY5kXOW2OoyXFe10m0DkDBoA8b8QfB3wz8XvHPhT4r6D4m1rw94isLCSxh1bQWgX7XZu+5ra4iuYJVIV93BVXVi2SCBil4a+E3hD9mG88beM7fWvFF5F4k1Aajc6XcXDX7S3rJ5YW3RU86V3HGx2fnkAYBX3LFG0elAHkP7PXwvvfBdv4r8V+ILSK08YeONWbWtUt43D/AGRNojtrTcCQxihVQxBwXMhXjFev00KFOQOadQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFJRVXUNQt9Lsri7vLiO1tLeNpZ7idwkcUaglmZjwAACSTwKAPLP2uGC/st/FkllX/il9R5JwM/Znr5d+PuhX/wAMfgR8JvGusePNU+IMOl32i3Nl4B8RxWccWqXDeUscdv8AYobeR5YgxkQStMh2fMp+9X1F4L8V/DL9sL4evqP/AAj9p4x8JQapNBAviTRVktp5oGZPtECTqVdCGYLIv95gcEMo3/C/7Pvwu8D61BrHhz4beEfD+rQbvKv9L0K1tp48jB2yJGGGRxwaAPFZ/D/hP4xftHfFfwt8VdL03VBpWm6bP4astXC4t9Okgcz3dsG+7ILjzVedMMuyIbsBa8w8G/2j4kl/ZDs/F87eI/tOo+JLaO51TbcPqemixu0tZpc58wSW3ksSR8wfJ+9X2n4u+GXg/wCIEthL4p8KaJ4lk09/Ns31jTobtrZ+MtGZFOw8DkYPAp2sfDfwl4g1vR9Z1Twtoupavox3aZqF5p8MtxYnIOYJGUtHyAflI6CgD55/4J2+E/DXh34BxXOkaLpGmaze6lqgv5rG1iiuJ449TvI4BKVAZlRVZE3Z2gEDAqt44+H/AIM1j/goJ4bvNb8PaJczHwJcXovLy0i8wXaajaxW8yuRuEy7tqSA7lyApFfTPh3wX4f8ItqDaFoWm6K2o3T316dPtI4PtVw/35pdgG+Q4GWbJPrUeueBPDXibVdO1PWPD2latqWmrKtleX1lHNNaiVdsoidlJQOvyttIyODmgD4A+CFtZ6xp/wCyrYXxXVrS78U+No5o7+Q3X2qMrqCt5hkJMu4HktkndznNe6f8E6/Cfhnw78BYbnSNF0jTNZvdT1QX81jaxRXE8ceqXkcHmlQGZUVWRN2doBAwK9q0r9n/AOF+g3GlT6Z8OPCWnT6TM1zp0lpodrE1lKxBaSErGPLYlVyy4J2j0rpfDvgvw/4RbUG0LQtN0VtRunvr06faRwfarh/vzS7AN8hwMs2SfWgDZooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooppbHegB1JTN5LEdv1rj/jF8T9P+DPwt8U+N9VQzWWhWEt60CsEaZlX5IlY8BnYqgPqwoA66aZbeJ5JXWONAWZ2OFAGSST2GK+K/EOtar/AMFB/Gl34V8N3Vzpf7PGh3fla9r1uTG/iu4QgmytnGCLdT9+Qfe4x/Cayb34uan/AMFIb9PBvw4n1Pwz8FbaOGTxj4mkQ295fu6BzpNuDwODiVs4x3K7RN9qeDfB+i+AfDGmeHPD2m2+j6JpkK29pZWq7UiQdh657k8kkk5JzQBZ8PaBpvhXQ9P0bR7K303SbCBLa1s7VAkUMSAKiKo4AAGOK06TFLQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUlFAC0UUn40ALRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRSUAB6GvnX9rj4tN4Ruvh14Eg8TReDJfHOrvbXuvy3S2psdMt4zNePFOzARTOvlxI/VTLkfMFr6J7Gvmb9oTw3JZftKfBfx3qmh6hrvhDSLbWbC9On6TNqRsri4ih8iRoIUkcq5jKblT5WC5PPABifAHxp4d/4a48e+Fvh34kt9f8Cf8ACK6fqM8djqx1G2t9TFzNFIVk8x9rtGIy4zlioZuea9N/ay+AN/8AtNfCV/h/b+Jf+EX0+/v7ebU7pbX7RJJbREyeUi7lAZpFiO4kgBTwelc58F/hPrt94j+KPxDv1ufA+q+Nru1ttLtY4omu9M0m0Ty4co4aOOaUtNKVIYIZF3AspA2f2M9W1PUvgdDba1ql5rWr6Tr2uaVc3+ozGa4lMGqXUaF2PJOwIPw4wMUAVP2Xf2K/h9+ybb3z+EZdZvdT1GJYb2/1TUHfz1Ugj9ym2EYOcNs3AEjdgnPvu0elGKWgAooooAKKKKACiiigAoopKAForI8SeLNG8GaLcax4h1ex0LSbYAz3+pXKW1vECcDdI5CrzgcnrUPhnxt4f8aWUd54e13TdetZIlnjn0y7juY2jYkK4ZCQVJVgDnB2nHSgDdoqtY38GpWsN1aXEV3azKHjngcOkikZDKw4IOetWaACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACkb7ppaRulAGAdfuB/DHj3U/40n/CQXP9yL8j/jWZ6Uceld3s49jz/aS7mn/b9z/cj/I/40n/AAkFx2WP24JB+nNfPv7W37TFl+zL8PbXVTZXF/rWrTtZ6bGlm88KOAGeWUKy/Ko6KHBYn0yR+dPxO/bO+KN54UTxF/wtTxXpuu3t0DHoGl2tpZQwWYTJmIjZ2XLEKobJOCSe1JxiuhpFzl1P2Y/4SC4bosX6n+tH/CQXPZYzj2J/rX4OzftyftL2ug2Wsv8AEjW10i7uZ7K2unitysk0KQvImfL5ZVuICSeokFdH4Z/4Km/tAeH1hW81/SfEaRkZGq6TDucdwWjCN+XNY80NrGnJPuft/wD8JBc/3Yj+B/xo/wCEguf7kf5H/GvLfgJ8Tp/jN8HfC3jO60620q71e0WeeztLxLqOJ+M7XQnAPXa3zLnawyMnvs+1dKpwfQ5+ea6mp/wkFz/cj/I/40n/AAkVz/cj/I/41l5prU/Zx7C9pLuap8RXP9yP8j/jR/wkdz/ci/I/41k8UlP2Uewe0l3Nb/hI7n+7F+R/xpP+Ekuv7kX5H/Gsqin7KHYXtJdzV/4SS6/uQ/kf8aP+Ekus42Rfkf8AGsrFfMn7X37Ydp8Bo7Twv4YvtHn+IV/tkMeqLLLDpluRkSyRQqzyO2RsjHXk8jAKdOCV7FKcpO1z6w/4SS6I4SLP0P8AQ0n/AAkt0f4IsfQ5/nX5FePv21v2kY9PS807xXHbLEVlIi8L2thDNH6j7UfMdev3U6dxXDfEj9vb9pGxtvDWqjx1/Zum+INP/tKyWx0myjDRpcz2rZ+R8HzbaX5Sxyu098Vh7nY25anc/a//AISS6wfliP4HH86P+Eluv+ecX5H/ABr8k/2f/wDgqR8VtS8feGdB8X6Rpfi7S9SuY9PeW3to7C7MjnarLLvEWQSCQwA9x1r9WJIzE7K3BBx/n/PFaQjCeyM5ynDdmn/wkl1/ci/Jv8a3NNunvLOOVwAzZ6D3rja6zQf+QXBx6/zNZ1oKKTRVGcpOzZo0UUVyHYFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUlADD7V594Z+KkfiD4s+K/BJ002z6Hb2twt2Zt32lZlYn5MfKFIA6nOe1egf3jXn+i/CttH+M2u+O11FTHqunW9i2nrARtaNmIk37vQ4xt/GsajlePJ319DvwqwzhV+saPl93/Fdfpc72+tRfWc9v5ksHmoyeZA+2RcgjKt2Izwa4f4W/BHwx8HUv18Of2sv2+4mu7kX2sXd1G80shklkEcsjRqzOSSyqCcn1rv8Asa8T/aa+NWufBj/hU/8AYtpp91/wlnj/AEnwrffb43fy7W683zHi2OuJR5a4LblHOVNbHAe20UUUAFFFFABRRRQAUUUUAFJS0lAHgv7UXw/8XeMJvAuufD+90SXxl4S1KTWbPw74hP8Aoeqp5JhkU4OUdBMCko4RnGSN2a8q0H4mWPxEtfjTb33hXxD8EPja3hJJdXtVEBa4gtxceVd2lz5bJON0rRNLjcBtCkFQw+m/HHwwsPHWr6Jq02patpOqaKs5sLzSrswNE8oQM7KQVlACYEcqvGckshIGMTw/8BdJ0691/Utc1rWfGuu65pp0e61fXXgWcWPzH7NGltFDFEm52YlIwzEgsx2rgA+YfhPrHxJ8I+D/ANlPw5pPxHujoPjbRGjuYr7SLOa5stmjGaNIZVjUGONlUoro7lgTJLIp2Vu+Kvif8dtavPFvh/4f/wBu+JPFXgSWy0o3ljZ6DDpWtXgtbeeeS/jurpbiFZTKwUW2wIOQznKr6hpP7H+l6Ld/DGa3+IHjRh8PAyaPHLLp7xlDEICko+x8j7OBF8uw7ctnzGaQz/ET9jzwl8QPig3jyDxF4x8F63dRxQ6svg/XZNMi1qOPiNbvyxubA+XKMpwevAwAcL8XPj14q8AeOdUi8Wazqnwt0u5062i8Papc6XBfeG3u5Y18wX92sTyQTJMzouXji2orkSZINj43fHbxD8N/iVr1r4g8R6p8PPD81pDb+Ftcn0iG78N3U8iAM1/ciJ5beYSsyqC8cQRVciTJU+o+Lv2c9F8WWmr6b/b/AIg0jQNaCRatomn3EItb6BYEgEB8yJ3hXy4wC0DRyHPLnC4f42/Z50nxwmuWkviHxBpuieICq6zotjcQ/ZNQhWCOAQkSRO8KlIwC0DROcnL8LgA9VWQNtKkMrchgeKfUNvDHbQxxRqI0RQqqOygYAqagAooooAKKKSgBaK4WL46fDibxh/wikfxB8KyeKPPNr/Ya61bG+Mw6x+Rv37hg/LjPFO1z44fDvwv4oTwzrPj/AML6R4kkaNE0e/1m2hu2aTHlgQs4clsjaMc5GM5oA7iiuP8AHHxe8DfDGS0j8Y+NfDvhOS8Vntk1zVYLJplUgMUErruAyuSOmRmudtf2pvgzfXEdva/F3wJc3Eh2pDD4lsmdz6ACXmgD1KiuY8YfEvwn8O9MtdS8V+KtE8MabdOIoLzWNQhtIpXKlgqPIyhiVDHAOcAmuWsf2ovg5qt9BZWXxa8C3l5cSJDBBb+JLJ5JZGOFRVEhJYnAAHJoA9QoqtdX0NhazXV1PHb2sKNLJNKwREQDJYsTgAAEkn0rDk+IWgR+PrTwWdRA8S3WmyavDY+TId9qkiRvJvC7OHkQY3Z5zjANAHS0UUUAFI3SlpDQBxlJ/Ol9KSvSjsjynufDX/BTTUPGNjY+F/7A+IOgaDpRUvL4Z1GeOO6up1ckXSq4KuiDaPmwFK5Ge35wfFLW5dWt0m1bx9L4h1iZd8pW+jaHpyNkCup/Fx9K+6v+CrEngmPWvC6a18Ptc1LXprdQviqxlMVusCs3+jbSCs0gO5sHbsDfxDivzz8aSXUml27W+kwaNpOwrGrtaLPJ/vBEVyaxqM7aexNrmu6fcfs+eCtEju45NWsvFOvXlxaqTujhmtNISKQ8dGa3mA90avPOe3XtXoeuaDp9v+z34K1qK0jTVbvxRr1nPd/xyQw2mkNEh9la4mIH+21ednHfpXJ1Og/X/wD4JU6p8Ov+FUatpfg9vEn/AAkjGG78QJrEX+i+cuUBtnQbAvzdCd+MZHAr7jzXyd/wThX4nQ/APS18Yx+HI/B5toz4d/snYL0pwD9oEX7vO3H3v3mc7q+r91elHY82p8Q40xqUtmm1ZAUUUVQBSGjPNHFBNxeOhOB3Nfm7+2PJ8WdS+OE8emfDzwrpELZjtNcu7b7TLdwKu1JZGOVbIA+VkOw4XPFfo/k7hgbj6YzmvyO/bVb4VXvx21yO98ceKvE87XLm6sI4pLiJJwzA28PzIrrGfkGCgXkfNin9llwfvo8y+Ki+KI47iO++IOltdsu6SKzj0rTYeD90CCQuTn/ZHvXmPxE8aR+IPCfw2sLLWD9q0Xw/Np+oKZyoadtW1G6GCMhh5d1Fz6kjtXUfESLwtpel20tv4A1/Q9NfiCa+sbayeXjGcyCR26g/eNYnxch0qx8D/BmVNPcC58H3Mjt5qo7P/b2rKrOyphjhQOeygdq85vSx6JzPg1raa6sE1rxNL/YjXcf27SbOWRrqeDzBv8tGXyS5BOAz8nFfvX8C5vDUnwh8LjwedV/4RqO18qxXWo5Y7xUVmUrIsg3cHdjtjoduBX4OfCW4kf4heGIND0yFvEcuq2y6dcalcxm1ScyLs81JE8tl3dQx5Br+gPwaniiPwvpyeNH02XxQqYvn0ZZEtC2TtKLISR8u3jJAOQOCK3o7M5a/Q2q6zQf+QXB+P/oRrk/wrrNB/wCQVB+P/oRoxHwomh8RpUUUVwHeFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUlAC0UmabuNAD6Kwtf8ceHvCozrWvabo42l/wDT7uODgdT85HA9a8/1b9rj4KaFuF98WvBcTqcNGmu2sjrxnlVcnp7dxRvsI9dpD0rwWT9ub4LBglv4uuNUdjgLpOhahe5OM4Hk279uaoy/tueFZADp3gr4i6qCAQ0XhW4t1OfQ3AjGAO/Sr5Jdhc0e59CnPrXPSaRrreOoNSXXEj8OJZNBJo32RSZLguCJ/OzuGFG3bjBye+K8Mf8AbA1zUBnSPgf42kXC5bVrvS7EAnrkfa3YYH+zn1ArgPE/7VHxf/4WJ4QtbPwFp/hyC/F0i6VqWuRzR3rqgbdJNFbs0Plr82E3bi2O1RUhKEVKSe6PQy+lPFVZUqDV+WTd+yV3bfXsfa9fKn7fACj9nLAx/wAXm8N/+3FQz/GT9oK8z5On/DXRuT/rH1C/288Z/wBRnA+nNfPH7XniD4va3/wpxvEXjbw8uPiRo72Meh+HHg+x3X77yrjdNczeYEG792VwxbkkDnq+q1UruJ5arQezP02zQWxXxrPo3xT1TcNU+OnioRHICaTpmlWQXtwfsjN+tUZvhTqGoNnUPil8Sr7J5UeK7i2U8YAItzEOn51ssDVZm8RBH2urHuc0KxLe3UV8Nyfs4+BLo7tQsdU1hs7idY1/ULzJxjJ82dh/hVO/tdU/ZdspvG/gDUNUbw/pCfatb8G3t/JdWd9Yop854RKztBcKih1KEK3lhWBByCWCqQV7oI4iEnY+86KqaZqVvrGnWt9ZzJcWl1Ek0MsZyroyhlYH0IIP41arzzqFpKWkNAHBfHD4oXPwc+FfiPxnbeHbrxQdFtZLyTT7S4igZo0Us7l5GACqASdu5sA7VY8VJ4Z8c6/4l1Xw48fhXyvDGq6Cuqy62dRjP2e6YxlLPyCod8o7t5vCjy8EZIr448b2Phr4nfAf9p3xT4ytrc/EnQ7rXNMFxdy7bzSbZEZLG3t2JzFDNEUO1MLMZZN27ca1dL1rS9e+L3ha/wBK8Ztp9jN8Cr4nXdOuzdxaeyz20bXUUauVDoVOdmCxjAJyBgA+39S1K00XT7rUL+eK0srSJp57iZwiRoqlmZiTgAKMkk9qzfBPjDTviF4N0TxPpJkfS9Zsob+1aZdrtFKgdNy54O1hxXxZoOi2uj6P4i8AeMvh54Ys5pvh7ql9pereEZ47jw/r1srQPJcvaOu6K4D/AGV/MO/eWJ8xtqY5rwD8L/BCr+xjb2ek2dsdc0y5TW7CwkMMF67+Hy8jzwIwR5XDrvkZd7qwDMVwKAPqz43fHjxJ8FfCvj/xPP8ADi51vw94bsba8sr611i2jOoFg/2gMj4aFIdqZbDs/mfKpwa9f06++36faXWzyhPEsu0HO3IBxn8fxr89vi54V03wXpv7YnhzRftKaRpXgHw9a2trPezXX2aJLe7ARWld2VQoBxnuWPJJPq/iP4f+F9L+NXwRufA+l2R1bxJb3UfiqKzIeLV9ENgwebUACftAEzW4WWXcS74yd1AH10PbHpXnmofFp9Y8P+O5fAGijxx4j8K3p0t9IW9jso7m8WKGV4RcPlU2rMoJYcMrLjivh7wjD4P8I/s3/s76lrH9laPNoHxVuoba4vHSF7G3OqXizKGbGyPiHcOANqZ6CqXjnwH4N8O/AP8AbCv9O0bStB1y38U3tnZ3mmwrZ3K2gTTmNurx7XMBkkBaLJRi4yDnkA/TCNmaNSy7GxkjsKdk5xmvlWPw74T+MP7QnxR8J/FTTNN1QaTpWmTeGrPVdrLBp8luxnu7Xd9yUXAkV5kwyhIxuwFrybwjot14m1z9kWbxdfahr13d3viCySe+v5ZF1PS4rS8+xzSxhzHKZbfyWaQrl1bDEg4oA/QPd9054NPr55/YztbHSPD/AMTND0nyodI0bx9rFjY2Fu+YLGEPGwgiTOI0DM2EGAMnAr6GoAKQ0Vj+J/F+i+CdKOp+IdXsdD01ZI4TeahcJBEHkcIilmIGWZgBQB4focKf8N8eLW8td5+HunZbAyT9vue/0A/IVe/ax0WVvCGn+P8Aw/bQan4v+Gt8viG3tFAeWa2CFby3wMkGW2aTbx99Yz2yL2p/s2z3nxU1j4h6f8VPGuia9qVmmnOtjFo7wRWiSNIkMazafIdqs7EMxZznljXcfDv4ax+AdH1azudd1fxbc6teyX99qPiBoHnnkdEj2kQxRxqipGihFQAAYxQBz/hXxdofxq8W6Rq+jy22r+H9I02DVba72B/9KvIyYipz8jpbEkj0ukPGK8+/ZE0PTfEXw0+Juk6pp9pqWl3Xj7xHBPY3kKzQyobxwyOjAhlI7EYNek/CP4D+H/gf8NbjwV4Mub/SrGaa6uEvi0UlzBLMxIZC8ZjPlqVRAyMAsSBg2DnivDP7JMvg/QdW0bTPjF8RrbS9WvbnUb6GKTSYnlnuGLzOJ49PWaIsxz+7kTb/AA7aAOC/Yc0myGpfFLwzHENS8LfD7x1fWXhO4uGMo06N4sS28LEnAj8xlHfErDoa6n9mPw/p3ia0+O2l6rZR3thL8StUZ4Jh8pZRbOhHoVZVYEcggEYNeyeBPhX4f+FngCHwf4Otm8N6XBFIkElqRJMkj5LTFpQ/mSFiWLSBsnqCOK5j4KfAGH4J6h4kurTxv4m8SReIb+bVr2210WBjN5MVMlwpt7WJlJCAbd2wDooNAHF/8FBob6T9kH4jyWGsX2jvFYeY7WDIpuI96q0LlkYiNw3zbdrHGM4LA8/4i8afEjwV8Wl8Cab47XUrNPhvqPiC31DXNHtpbg30d3CqyTC3ECOqxuVRUWMAcv5hr3/4rfDPR/jF8O/EHgvXjcLpGtWrWtw9pIElQHoyMQQGBAIyCMjkEZB8n8efA+y8I32ofEyfxN418S67pvhK68OrYJbQ3xvI5TvY/Z7e080yNLsb91tVdoAVUBWgDzfSvix8UtC+B/wW+L1942l1+PXJtEs9f8OPpVnHazxX0kcJmhaONZknVpVb75jY5xGo6fZmTXyb+yL8D49W+CfwsufFd941LeG7a1kj8G+J7c2dvpupQRBDIsckEdxIqsWZBJJJEu4GNRtTb9aUAFJS0lAHGGkopK9NbI8t7s+HP+Cllv4//s3QG0D4haDpHh91G/whqAiW5vZ1JJn2SKyzoF2ja2FXGec8fmT44tJm006lqXiOG/1ictvhtbmyEagHbtCQSOenbauK/Q//AIKnp4D83w6Nf8A69fa/PAFh8WaaCsEcSuT9mIPErgljtJXaGzk9K/PLxxHaQaJZvY+GrjTdIblLi8t7S3mmxnOGCs5/76Nc9Tc7KWxkatpGrw/Brwvqk+qCbQrjX9XtrXS8f8e9zHb6a082f+miTW6/9sK4vntya7PVfFf2z4NeF/DX9n3Cf2br+raj9vYfuZvtNtpsflKf7yfZMt/11T8eM+Xa24dvWuVbnQfrv/wSrX4aL8NtWPg2XxO3ipooj4gj1gN9iVwePs2z9zjOep8zHXA4r7mr5c/4J4L8TU+AejjxqfDP/CMNbRHw+dH2fa/Lxn/SfK/dE7cf9NM/f5r6jr04bHm1PjCiim5NaEDqKbk0ZNBNwpKKKBBgHrwK/Mv9tey+Llx8coJ4Ph94Zhjkkf8Asm4hg+1S3UQLBZZsH53ON2XXC9OcV+my53LgZOeM1+Rn7dEPwqvvjXqSt438VX1w9y8eq2bRS3PlyqxykKMUV1T7oBdAMcbutPeMjSn8SPJ/iZpnjGwV5p9X0EXsiAywx6RpFhGAASwLF/MJGTwVya8/8ceFdV0Hw34B1OPXo3fX9Bmv5Ld7qGKO32apf2xihAONn+j+Zx/FI9bfxEsfBNjocH2fwv4j0q0yohvJtFisXn4wGLPPKSD1wBXLeO9bN94V+HdvqejXllZ6foM1tpNx56KL21Oq38pnI2nJE0txFgcfuvevNkeiS/DeJItX0o674kVPDT3sTalpmn3iNeTQCRTIIo2+VnIPAJBPNfu78GofDVv8L/DqeD4dSt/DK2/+gxaws63SIWJxIJv3gO7PB4xjHGK/Cr4BXW74seDrfw3a+R4vbVoBpd/qV9CLOKbeNhmikiKsvqNwzngg1++vhtfEKaBYL4rl0+bxII8X0mkpIto0nP8AqxIS4GAOp78cV00djkxHQ1Mmut0D/kEwfj/M1yGa6/w//wAgmD8f/QjSxHwonD/EzSooorgPQCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAGnHJzXzZ+1J498Qah4s8OfCnwvql14dl1iym1XXNbs2CXNtpsbrF5Vu5PySyySBfMAyiqxGGwR9JkV8pfGiL7F+15oUx/5iHga4RTj/AJ97+InB/wC3oV0YeKlVimZVW4wbRx+kfs7/AAz0Xc0XgfRLu6clpL3UrRLy6lY4yXnmDO545y1dnpnhvSNFOdO0uzsD1/0W3SPtj+EDtWjRX1EYxjsjx3JvqFH8vSiiqJYbewH4Vl6l4Y0zWNW0vUru28690t5JLObzGXyy67W4Bw2RjhgfWtSsvXPDOmeJJNOl1K389tPuUvbVjIyeXKoO1jtIyBzw3HtxWdWPNDVJ+ux2YSo6VZPnlHfWOr29VvtuamT6kH1zXz7+2Af+SJjt/wALO0T/ANrV9BfhXz7+2B/zRP8A7Kdon/taprfAzmpq00fQVHt2oorczCszxRpf9ueGdX00gEXlpNBtPT50Zf61p0Unsxx3TPQf2S9Y/t79l74TXpYs7+FtNSQ/7aW0aPn/AIEpr1kV4L+w3Nu/Zf8ACFtnnT5dR0zHp9n1C4gx/wCQxXvdfHy3Z7y2uFFFFSM5LXfhD4F8Ua9Jrms+C/D2r61JavZPqV/pUE9w1u6sjwmRkLFGVmUrnBDEYwac3wl8Dv4gi11vBugNrkNp9gj1JtMgNylttKeQJdu4R7WZdmcYJGK6uigDntB+HnhXwrqGq3+i+GdH0e+1Z/M1G6sLCKCW8bn5pmRQZDyeWz1NYEX7PXwst5dIli+Gng+OTR236a6aDahrJvMMu6EiP92fMJfK4+Yk9ea9ApKAOc0/4a+EdJ8Rarr9l4W0Wz13Vo/K1HVINPhS6vE4+WaULukXgcMSOBTfBvwx8H/Dlb1fCfhTRPDAvXEt0NG06G089xnDSeWo3NyeTk81peIvEWn+E9B1DWtYvYdO0jT4JLq7vJ22xwxIpZ3Y9gFBP4VwX7OfxkvPj38NYPGs3hm48L6bqN3OdJhvJg813YK+IbplCjyzIMnZzjghiCKAOnt/hT4JtL27vIPB+gQXl5fLqdzcR6ZAsk12udtw7BctKNzYc/MNx55qvrfwX+H3iabWJdX8C+GtVl1loX1N73SLeY3zQjEJnLIfMKD7u7O3tiuyooA5HxB8IfAniy10e21zwV4e1m30cKumw6hpUE6WIUAKIQ6ER4CqBtxjaPSn698J/BHinXNL1vWvB2gaxrOlbP7P1G/0uCe4s9jb08qR1LR7WG4bSMHkc11dFAHL+Cfhb4L+GgvR4Q8I6D4VF6yvdf2JpsNn57LnaZPLVdxG5sE5xk+tdPRXBfEL47eA/hTrWl6V4w8T2Hh261O0u7y1/tCURpJHbKjTHceAQrghScsA2M7TQBv+N/G2ifDjwnqnibxLqUOkaFpcDXF3eXBwsaD6ckk4AUckkAckCvkz4b+CNc/bc8eaX8WPiPpk+k/CbSJ/tHgnwPeKQb9wTt1O+j6HI+5Gcjae65MsHhXw3q3/AAUA8cWHjfxdZXGl/ADQ7rz/AA14YvEKP4mnUkLf3aHnyBz5cbfe78Ft32skKRoqIiqigBVUYAA6AUAO2ijaPTmlooATaKMClooAbtA7Uu0UtFACUm0f5NOooAQKB0FLRRQAUlLSHpQBxdJS+tJXqLY8t7nxj/wUXXx/H4d09vDPjPQYtGkixN4I1G2Rrm/dWyZ0UhvOVRjh9qLjqe35Y+O9S1Kx09tPvr6F7ycBp7e006xiRG3AlfMhYscEe2MV+jn/AAVOtfBbaTpLa58PdYutYeONYPHVjbs0Fsgc/wCjNtZRM2Ax2OyBdwIJ6V+bPjK3t4dDhXTNFubOwTCC7v8ATYraaTPOd3mMxJ9jXPUOylsaPiC6gf8AZn8BWyzxvcReLvEUjQhgXVGstECsV6gEo+D0JU+leY/QgHsa7rWPCWnWfwQ8J+KIlk/tXUvEWs6bcMXyhhtrbS5IgF7HddzEnuMf3a4VsbTnp3rkW50H7A/8EsV+HC/CvUG8HWviiHxJsiHiCXXN/wBjebJ4tdv7nAOeMeaB97tX27XzL/wT7/4WVJ8AdEbxrqnhjUvDwtYU0FNBKPcQxBeUuXi/dFsEcY3gg7znivpqvThsebU+IKTApaQdK0MxtFK1JQKwUUUUBYVcZGc49hk1+Zv7dNt8Vrr41WCS+EvCWp28uf7JjggM73EOXCtOu4GVgBuO8bVJ4HQn9MlzuGOTmvyC/boh+E+o/HDU4ItZ8WW05nkbV1nhmuAbhWYM0EcjLuX+BSXVQB8oK4p9JFw+JHl/xc0vxvaww3t4mgWt6key5t7XR9LtFgUAfJvMhdyOnK5rkvihr0ms+C/hPa2Oo6XFPpnhee1v7eJ4ESGc6xqU4QjpkwzQvgdd/rmrHxK0jwbYeH7SWw8N+KNGsWVfJu73QorTz22/e81p5CwI5+XFYnxM0Hw7ofgn4T3VtZTQXeq+Fp726mhZUaadda1OAO/ByRHBGnHZBXnSPRRa+GVwX1jRU8V6y194M+2Qrqeh6RfQC9uIiwyIoiAGc8f7R5wRX7r/AAvh0G2+Hfh6LwxZX+m+H0tVFjaaqk0d1FHk/LIs/wC8DZycN68cYr8KP2cbmX/hdHgyLwvcRaH4s/tSH+zdY1a8iFnBKSP9dG8ZDLjIxnJyB1r98NBj1mLQ7BfEN3Z32uLEBeXOnRNFbSyY5aNGZiB7bjiuij8JyYjdF/Fdf4f/AOQTB+P8zXH5Ndh4f/5BMH4/zNGI+FEYb4jSooorzz0QooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigBG6V8u/tQQmz/AGgPgtfqCBcWWvaa5HfdHaTqP/Jdvzr6ir5s/bGh+x658E9YC82/jF7Juf4bjS75P/Qgn6VtQfLVi/MzqK8GiCiiivrTwwooooAPxx715d+0f+5+HH2wcGz1K0nG3rxMo4/PsO1eo1n69r1h4X0e71TVJ/s1haxmSaXaX2rnrtAJPPpXLiaaq0pQcrXPWyrEzweNp14U+dp7d76WND268f1/wAr59/bA/wCaJf8AZTtE/wDa1e+2t1Fe2sNxA/mRTIJUbB5VuQa8C/bA/wCaJ/8AZTtE/wDa1FS3sUr3OOV/btNWd3p28vkfQVFFFdJy6hRRR+GaLoDS/Ylm2fD3xppgLAab431uJVbjaJbk3IA9sXFfRFfNX7HspsfFHxv0cdIvFcGoJk5ytxpdkc/99Rt+tfSefevkaq5ajR7tP4UPopm40bj/AErMsfRTQ2adQAUh6cUV4n+1Z8e5/gj8PYY9AtV1n4heJLkaN4W0VcM11fSYAdl/55xg73JwOACRuBoA8o+Pt9dftX/G+0+AWhzSDwL4fMOr/ETUbdiBKu4PbaUGH8UjKHcA5Cgc5Rlr660+xt9Ls7eytII7a0t41ihghQJHHGowqqo4AAAGB0xXln7MXwHg/Z/+GNvotxdtrPijUZ31TxFrkxLSalqMvM0rMeSM/Kuf4VGeSSfXMCgBaKKKAENct8U9W1LQ/hj4v1LR5lt9Xs9HvLizmZAypOkLtGxBBBAYDggg46GupNfJVr8B/Anxa/af+NVh4/0FPE7Qx6NqWmwalczPFBbz2hhcRxb9gHnWcjZ28Fjz2oA6n4G/tbeCtR/Z88A+JfiD8SPDOl+IdQ0a3n1D+0dStbOWS42YkPlblwSysdqqPYdq+cf2tf2J/iD+3N8fLDxPY+IdH8PfDCx0m1ttI1Zpvtj30ci+e9xDDEcEFpduXdCRGpGRg19i+B/2YvhX8MvCCeH/AA74I0fTdPjt3t2na2WW5dXDBy88mZGPztyzHAOBxwMn9jC+m1D9lT4VNO3mvD4ftbVZMEeYkSeUj884Kop/GgD0L4YeEb3wF8P9A8OajrcviS70u0S0bVJ7aO3ecJwpKR/KuFwOPTJycmuqpuBx606gAooooAKKKKACiiigAooooAKKKKACkbpS0jfdNAHFNSZNBPWmZ9cfj0r1Vsjy3ufHP/BRo+Mk8IWieH/G+jQ6fdKsU3gS/t90+rNvz5ibcmULxlX2xjZ1ycV+WPjvStc0y1aXWY7C0v5j5K2lvpthDGIuDuBjbcrEgD7v481+k3/BUaz8NT+FdOfWPhpqepX0iJHH4+tIi0enrvLeQ6owMhPzHbLtUbsjJ4r8u/EljbW+jwzabptylmRtku7iwWHc4Yj5TvY46eh9q56vc7KWxY1b/hIP+FM+F/tJtz4V/t/VxYbCDL9s+zab9r3c/c2fYtvvvriskcjg13WseLtPvPgj4S8LwvIdU03xFrOo3CGMhBDc2umRxEN3O6zmyO3HrXCnoc9K41udB+xn/BL+H4av8Jbu58EeHvEml64yxR65f65vkt7uYZyLaVcQlQwJ2qA4BG7PGftKvmT/AIJ72fjaz/Z50BPEvinwz4i0P7JGNGt9BRXnsoydxiuZUwjOOMrt3Ag5Y19N16keh5tT4goooqyBDTaXJpKACiiigVxeO/TvX5oft7R/FeX4zaHHcaR4T8Tw75f7IsYrVrho4sEgXUTHG4qAcy/LkHbwDX6XrncMHB9TX5I/t1W3wwl+M15YPb+IvD9u8zS6pO9jc3Fw0+875II5JI0aIkgDe3BPy7V4pv4WXD4jyT4weHfGGk6dBdXkWgx3Ukaq9vZ6BpVtDB6qJFkZgQePug8V5n4+0jxJo/hbwDLqWrQ3VnqGgyz2Np+6X7FbjVL+JoB6jzoppeOP31b3xOsPAdrptiunaT4i0yBIR5U91oENpJdHaMMzG5k4PsK5nx34r07xD4T+HOnnT9StToOgy6as82xY7oNql/c+amRyo+0mPP8AeiavOkd6NX4QahBb+J/DsXiiaTX/AAa2oxLqHhvS7xFvLqMsBiNMDcScHAOSBjI61+8vw/tdJsfAuhwaHo934e0ZbRBZ6VfQNbz2sfURvG5LKw9yetfhB+zjqHk/GbwSvh3WR4Q8UHU41tPEWp3sYs7Nm4zJGYjkEfLgsASccV++Ogw6lb6LZRavfW+qaosK/ar6zt/IhuHxy6R7m2qfTca6aPwnJiN0XcCuv8P/APIJg/H+Zrka67w//wAgmD8f5mpxHwojDfEzSooorgPSCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAoopGOFJoAWivLfiN+0t8PvhP4lj8PeJNZu7fXJbSO+TT7HSLy+mMDu8aPtt4X4LRuPX5elcq/7Yfh+450rwL8SdbVgpR7fwfd26PkkAhrlYhjAznOMY78VjKtTh8UkilGUtke+V88/tuW5X4YeFtVwNmleM9CuXY/wrJepbsfyuDUjftPeK9SH/El+BHjqcf8APTVrrStPXrjPzXjNjGT93PtXnvxy1z4y/Hb4a6j4PtvhPpHhn7bcWtwl/q3i5HaBre7huEJihtnySYRnDcZ4J6Vh/aGEpyTlVX3lvD1ZKyidT3P+e9FcX/whfx8vN2X+HGkD5iMS6hfYPG3+CDPfPT6d6n/4Ur8YdRDNefFbw/pRJYeVpPhFm2+hDTXj5x6Y/E9K9afE2WU96l/RHnxyzEv7J1vt3o+vHsetc0v7Nviq+yNW+NnixoieY9K07S7PHAHDG2duuT174qaL9krRpCo1Dx98RdSAI3K/iaW3BwpXB+ziL1zXDPi/L4/Dd/I3WT15b2N/O3nt+n55rI8Q+L9F8I6fc3msara6dbWsRlkaeUDCqCcgZyTjnAGT25oi/Y1+E24Pd+H7/V5QQTJqmv6hebiBjJEk7DP0Fa+j/sp/BrQdps/hb4SDrjbJNpEEzrjoQzqSD75zXn1ONMPa1Om/nY6qeSyUk5y08jzqX9o74WW9jFdzfETwzBFNGsyRzarCsu1umYywYH2Iz1zjBx4D+058fvAPjD/hUY0HxAmtmx+IOk6hMdPtp7geTGZlcrsQ72yRhE3Mc8A199aN4B8MeHWQ6V4b0nS9pUr9isYoduDkY2qMY7eleDftu8D4Bccf8La8P/8AtxXNS4vlipKgqVr+fbU2llMKbc4z0Kf/AAvi2ustpfgP4h6xHhislv4RvY0bBxw00cY5+vrVj/hY3jnUtw0f4I+Nbhl3f8hKfTbBTg8Y8y7zz9M+xr6a46HA+tGPQnPXr7/415k+Msc/ggl8mzWOT0I7tnzYt/8AGu+3La/CXS7AnIV9W8WxJjgYJWGCXPORgHt1qdPCPx/vGyYvhvpEZORuutQviBt4z+6hBOeuCOOlfRM8yW0LyTOsMaD5nkbCqPUk49OtcnrXxl8A+HXYar448N6Y43Ei81e3hIwAW+8/bvXHLijNamif3I2jlmFj0/E8m8C/BX4z+D/E3ibX4Pin4b0e98Qm0a+h0/wm86ZgiaNfLM12dvDckhs7R0HFdh/wrP4qagFXV/j/AOJTGNuY9G0PSrIZAw2GNtI3Puarap+2H8E9IZxL8TvDc7JnIsb1brtk48rdkfTvxXKv/wAFBPgfNdm003xPfa/eqcG20rQb+eToW/54gHoeh/ka5JY7Oa0r+9/4D/wDoVDCw7HWf8M7TzlRqPxc+Kmo7duf+Kpe0zg/9OyxcEccV518efgN4U+Gnw0uPGelyeIbjxBoeoaXex6hqXiXUb1lSPUbd3GyadkwUD/w981vf8NnafdTxQ6T8Jfixr7S8odP8JvtYbS2Q0joP19OK5L4wfEP4p/HL4Y+J/A2gfs/+KrS+1zTJLeCbXNSsdPMTMuVkw8vzBTg4yCSCOMGtaEc1lVhKo2o311Cf1dRaR98beadXi9r8XPiTe3MdjF8JjYX3lBymt+I7a3Vjj5tpgWfP/6/Skj8W/GjUtTk09/D/gTw3cAZQTa3e6iJB6ri0t8jv7Y+uPv/AGke54ns5dj1XxB4gsPC+hX+sateQ2GlWFu91d3UxxHFEilncn0ABP8AnFfLH7MOh6l+0V8UtR/aQ8V2k1tpckcmlfD7R7pcGz0zdh74ofuy3BB567CRkqVry/4uXPxU/au+MF5+zxdeKfDVn4b0tYtS8Y6joOjzxiMA74LAu94/mmUhXZFEZULksdrLX0joPw18Zi3TQbz4ua9oD2kKxWtpoOj6TbW3kqu1FjEtpKwUADhWBGOCMYCdSMdwVOT1Pd+/SlLV4VZ/BY6tJPpuv/EDx9NqnJWSPxFLZrMvYr9k8nsMHGDxkYOcRW/7OHgPVEl0nXLDVL/U1X5ZtY1/UNREw/vD7RO+4EDlT1A9sLHt4l+xf9fme1ar4g03QYvN1PUbTT4sE77qdY14xnliPUfnXC6p+0r8JtGmMF58T/CMNzyBbf23bGZsHBwgcscd8DjBzXN6P+zz8LLV5NPPw38J6RrqEOt/a6JbJJMRnD7wgZj1zk+p4I47TS9F0+O3/sV7C20fULcBoJLKFYlbHRk2geg49uxHyz7fyH7Hu/67nPt+1P8ADmSZYbPVNU1qVgdseh+HdS1BpPdBb277hjnIzwM9Oa8n+KniiXxZ440rxd8OdH8eaJ8QtPtGso7i48LOtlqVmWL/AGa5t7uW2LIH+dWVkdCWwTllr6E2jVx/Zepj7Lq8HzQXEfG7vuQ/gMj27EcCqNW/4lmqf6Lq0HzQ3EfG70dfy5H5YI+Ve3fT+vIv2KW/9efofEvhPwF8b5PC7/DMeCJPAfgq4lnuNQ07R7u3hvtTWZ2edBey6jdGFXLHPlpu5cAp2+k/DviH4o6TBZ+GNH+HHgnwtYadbx29lb3Xiq5fZDGoVEjjj0/btCgY/eZAHT08r/Y4t0/4Tr9ozwpqU5j1e3+Il3q0UwPzBriGNsqfTEYO3jjHpx9OD/ic/wDEs1P/AEbVrf5obhON2P40PH4j+WCBEqs72XX+rDVKO76f1fzR51pXxJ+I/h/4peFPD3jSLwyLHxBc3FlGujwXIkSSO1luFYSySbWBWCTK7ARxzwRXuleFfF7U3tdW+GVzqMSxapo/jGyCy44lW5insSVPv9q5Ht7ED3PdXRTlzK5hUjyuw6iiitjIKKKKACiiigAooooAKKKKACkb7ppaQ9KBHEjv/n0o2ilx1ox/nk16q6HmPc+Hv+CnkesSfD+2ttO+J8GiRyRr5vgFo/3mtYkyZBs+dlXAJWQeX8mcg1+UPibSY7S3jnmfZfyuxa2js44o0GeeVc/liv1T/wCCpmmxXXw7hll+FP8AbqLGv/FeRq0j6URIP3O2IhiCCeZT5fzHGWr8vvG1nZ22k6W2mabdQ2zw7p7m+06O1dpMnIjKyOSmMckg8GuersddLY2PEFtAv7M/gK4WGNbl/F3iKN5Qg3si2eiFFJ6kAs5APA3N6mvMeR0612uq+Ffsfwa8LeJft9zJ/aGv6vp32Bm/cw/Z7fTpPMUf3n+14PtEtcUeh4z7Vxrc6T9m/wDgmZa+Cl+DMlz4U+H3iHwnqE0cI1bWNZUyQ6vKufnt5jgMoO47FRduerda+w6+bf2B18UyfAXRpvEXxM0j4iWjWsC2EGlorvo8YXH2aaYYZ2XhdrKNu3gkV9JV6cdkzzZ7sKKKK0MxMCm05qRaAEop2BTaBWFGMjIyK/Nv9t3w/wDErWvj3oVsL3QPHaxxySaZpC6a9wLNCxxDPBv8otj590rZO3IxjFfpIudwwcHPWvyZ/b80n4cy/G63gvvC3iTwRCTLLqF1badJcHU2ZmxcQxNMsIBIPzBiSDkgYxTfws0h8R418btB+IVjDCdZ0rw7az7drLZ6LpFltUAfLvicscc8EZ4rjfipNNdfD/4OR291aNJb+EJ4rmMSxbkY69qzBSMnB2sjYHYj1q38ZbPwNBb6cui6R4i0yOOFR/xMdEs7F5SRwx2TSM2QM5Ncp8QvCeh+G/CPw0v7RLoXWv8Ah6bUrtnkUqZl1bULUEDHC+XaxjHqCe9edI70bPwVXzvHvhiLWLBvG2gNqMIuPCWmXii71Abv9WigZJzg44yARkda/efwVa2Nn4P0WHTdDm8M6fHap9n0W4gWGWyjxxEyKzBCueQCfrmvwa/ZruoV+NngpNN8UH4fa0dQXyvFl5cgwWXB5ZNnzBh8mGYKd+GOK/fDQ4549D05bvVItcuhAvm6pDEkSXbY5lVUJUBs/wAJNdNH4TjxG6L9df4f/wCQTB+P8zXIV1/h/wD5BMP4/wAzU4j4UThviZo0UUVwHpBRRRQAUUUUAFFFIaACkyePpQx464r5p+G+keIvilb+I76++KPjLRb8eJdesra109rFLVLe21W7toFQPasx2xwIDliSVJznOJlJRV2VGLlsfS3NCtn3rw3T/hXr800un3nxd8eWupqCY287TzHKvZl/0Pn3HsenIC6b8N/GklxLp138cfHlrqCAmP8A0HQGjkXsVzpeT+JycH3xl7aJp7KX9fme50V4bpvw78bSXE1jd/HHxxb6mgLRBtP0BoZR2bA0sEj1AYHAOCOcLp/gn4hzXEun3nxm1611BQSmNG0opIvZlP2Xn3HsenID9tEPZSPcaK8P03wb8R/tUlncfGHVodTXJiW50PTXt5h6jbAjHjsHB4z6gGn+GvilNeS2F58WFtb1QSg/4Ru1Kyr2ZTu/T2+oB7WIeyl/X5nuFFeH6doPxYF5JYzfFKxj1FclUvfC0UkMqf3k8ueNs/VjxnjP3XWGl/GCe+m0+7+JXh+zvU5jU+EGZZV7MD9tGeh4/wDrgHtYi9nI9uorxHT7P40fb5dPk+Ifg6G6HzKt94LuJRIvYo0epxe/BB6exFLYx/G6bUJbG68eeAbS6X5kU+B71hIv94N/bA9Dx6fiA/ax7h7OR7bRXiVlcfG77fLp114n+H/2xeUY+Gr2FZV9VH9oP6Hv68DBpbO8+Ns1/Lp9xrvgG1vE5RW0K+KyL/eU/bOfp/8AXwe0j3D2cj2ykrxW11v42tqEmnTnwCt2nKs0d7GJl/vKNzY+m4/oaW21z41zalLYTx+A7W6XlVb7aRIv95T3+n+Qe0iL2cuxzXjKP+z/ANs7TJPujVPAE6hsdTbajEcZ9f8ATD+tekfhj2HSvD/iP8F/jH8YPH2g6q/xJ0L4XeIdAs7yzguNC0FtS+1W9y0DSA/aZQvW2QqQoI+brztztJ/ZJ8baxcS6d4r/AGiPH/8AaGdy/wBjtb6ekgAIBTah4A9uoOfQfI5lldTGYj2sJpLb5nq4esqUOVrU+gcjrjj1qG6vLewhMtzPHbw92lkCrz05OP65rwvR/wBhHwleXEun+KPHvxM8Raooyj6z4tuJY5QAQGUJsz9PbjHIFvR/+CfvwBE72V/8PoW1yNfkur/U728EoHIYCaZlOe64x1wByBwxyBX96r+H4bm7xXaP9dzutX+Nnw70AM2qeP8AwvpoHU3ms20IyTjPzOO9chdfti/BW1mMCfEfRb+foItNla8Y84wBCr55I6Z6/jXYaL+zH8ILeP8Aso/C7wdpWsW43Q3kOhWweTByGV9m4884z24xjC+AfGnQ7Twb+2b8JFh0q10iS98PalpQjsYEihlSLdNkBQB37Dt26V24fh2hVqKEpvX0MKuMqU4OSS0PRpP2wvh/MrNpNt4u8QkFs/2V4Q1NxwcY3Nbqpz67scdary/tVecrjTfhR8RL9sNt3ada2ikr0JM9yhAP0ziuh/iz39aK+qp8HYCPxSk/n/wDxHnFbokcxN+0B8SLhmFj8E72PG7A1bxLYw9B38ozdT+WKgl+KPxv1JibTwZ4F0aPONt74hu7xx8vGAlnGDk+/Azx3rrscY7df/r0fWu+HC2WQ+w/vZl/auJk1qjzvRfFn7QniLTYptT1HwL4PmZ23W8Wi3N/KgXIB3fbVQhuDwMj16ivE/2p9N+JOPhB/b/xLGpb/iHo0dqbHQba0+yXJE225XJk3FecKxKHPINfQ/w/8cHxxZ6vK1kLB9O1SfTTH5vmZMRALZwOu7OMcV5N+2B/zRL/ALKdon/tatqGVZbTpKrRgn5/gdGNq42hipYfEe41vFO/S++v5neyfCvxDeYOp/GD4hXR+XcsN/bWS8dgILZCAT75qv8A8M++H7zH9sa7408QkY/5Cni/UpFznJ+UTquPbGPavTaK9eGXYOn8FKK+R47xNaW8mfHP7RHwH+H3hP4hfA2RPDMD6ZqnjSx0jUxcTSzCeGaZCwdnYsflWTv3r6K+Iv7JPwdsf2hPg94W0j4d+HbCzuLTXNTvI1sI3E6wxW8cSyhgfMUPdZAbPK+wrzL9t7Zp/wAPfBmtyDA0Pxhp2o7s42lBIAfzYV9N6zZweJv21RbSTeXJo3w/V4HQkNHLd6ieR74sRx1x09a8fHxjTm4xVlb0PSwknKKbZ1Ph/wCDPw90tRpVt4F8NeHdWt8NDcaXpFvb7tucMmxB78fXGMcddBEmoxpo9+q2Wo2oBtpoRtBx0ZOnYdPbtjiT/kND+zNU/wBG1eD5obhON/8AtIfw5H8scH/IYX+zNVP2bVoPmguE43/7SH8OR7e2F8D11/Xyfmexps/6813XkJg6znS9UP2bVoPmhuE4346Oh/DkfyIODjWv+JZqn+javB80NynG/wD20P4cj+WMA/5DQGl6n/o2rW/zQ3Ccb/8AaU/hyPbtjAP+Q0Bpep/6Lq9v80FynG//AGl6enI9u2OFr9/4+T8/MNvl+HmvLyE/5DH/ABLNT/0bVoPmhuE4346Op49OR/LBA8b/AGpPjrN8Jvh3HY2+nvqfxP1a6TSvCmnW4+a9vZDtSUekacM/OOFGQWGPVte1yxs9Fv38UXcWjNpMD3j6o7bUSJF3NLnjgAEkd8HGCPl+Yf2bNHvv2nfihffHbxoLiyhW3bTvh5p8yGP7PYhiJNQ2n/lrMQfTC7sZG0rUUt3/AF5PzE77f16ryPVP2avgTZ/Bv4djwvrFy1146vrqTWNZ19mLSalqEp3yTBjglQQFC4HCA/eyR6z/AMhr/iWap/ourQfNDcx8b/8AaQ/hyPbtjgONY/4leqD7Nq0HzQ3Ccb/RlP4cj27YwD/kMf8AEr1T/RtWg+aC4Tjd/tKfw5Ht2xwN3/rfyfn2Ht/W3mu67h/yGP8AiWan/o2rQfNDcJxu/wBtT+HI9u2OFP8AxOv+JZqn+javB80NwnG//bQ/hyPbtjAQ/wDE4/4leqf6Nq8HzQ3Ccb/9pfy5Ht2xwf8AIY/4lmqf6Nq0HzQXCcbv9pT+HI9u2OF6/wDD+T8xf1/wV5dw41gf2Zqn+javB80FwnG//aU/hyP5Y4P+Q1/xLdU/0bV4PmhuE43/AO0p/Dke3bHB/wAhj/iWap/o2rwfNDcpxv8A9pT+HI9u2MA51j/iWap/o2rQfNBcJxu/2lP4cj27Y4P6/wCA/Me39bea8u6DjWB/Zmqf6Nq8HzQXCcb/APaU/hyP5Y4P+Qz/AMS3VD9l1eD54bhPl3f7Sn8OR7dscH/IY/4lmqf6Nq8HzQ3Kcb/9pT+HI9u2MAOdY/4lmqf6Nq8HzQXCcbv9pSMenI9uxHB/X/AfmG39bea8u5zek/Ebw7438beIfh7LqGzxv4aSCe7jSCRPKWZfMhdZCoR9yjJVScY7EYHSf8hn/iWan/o2rwfNDcR8b/8AbQ/hyP5Y45xPiJ4f1z4hN8MtS1D7L4/tNLGtxW6QyDdZ+b5QnWTaE+/hSm7d32jt0Y/4nP8AxLNT/wBF1eD5obmPjd/tIfw5Ht2xw5dF3/Hy9exK/L8PNeXc81/aHvt3wqu5dUjWPVfD2paXrUcw4Ei2uoW1wzKf92I5H144IHuwrxr48aSfG3wR+IPhvUY/L1tvD9+ltOn8bG3fa6epyAce3tgeoeE9cXxN4X0fWI8CPULOG7UDpiRA39a6qD0ZzVlqv6+42KKKK6jnCiiigAooooAKKKKACiiigApKWkoA4qj8M0tJXqR6Hlvdnw3/AMFP1iuvA9naQ/FGXSNTZU8r4fhBLFrQMmBK6phlwf4piYvk4Abr+VfjHR5rFrZLxUhvGGTBDaQQoqk4GDG5zyD1FfrN/wAFNtL1bWvhhDbRfDCHxNo/ytc+L4o0ub3Rm3j5Y4gVZQ3ALsxTDcjIr8kPEkcCWNsbS2ZLRlyJri2hidj9VYnGOfrWNTY66Wxp6tq2rz/Bnwvpc+leToVrr+rXVpqYP+vuZbfTVnhxn/lmkNs2f+m9cUTgE5xXo3iDXtLuP2fvBWi290r6pZ+KNdvLi1bG+KKa00hI3I/us1vMo/65mvOW+6eM8VxLc6T9uf8AgnZZ6LF8C7S40n4TXvw3kmhh+0ajekSf264H/HwkjESlepAZQg3fISK+p8V80/8ABP8AuHuPgXp/m/F1PinIkMI+zoig6IuzAtST+9OOB+8wPl+UV9McelenHZHnS3ZHzSc+tSUVdybEeDRg0/AptFyQpNopaKYBtFfmV+2/Z+MNT/aG0IaHq2hfEm/i3iz0m60qOeLS+WJgmEji2z3+fDkjLYIFfpsOo5x71+T/APwUO0vwq/xu0w+KPAt/4A02VZfN1jSdPS7m1Zdx/fqRMkOc7eMbvnO454p9GVH4jxr9pXSfEtiumNqCaTHf+T/pEEOhaJp6RcDAQ208rP3HzYPHSvJfHk3ilfCXw6Gsy2Y0ttCl/sYQlNxs/wC1L8Nvxzu+0/av+A7K6b4zXPw8kk0tNCtNbggitwhe40zTbJpTgDeRAzk5xzuOa5n4jeMNF8SeE/hlp9gLhrjQPD02m3nm4AWVtW1G6UDjn93dR8juSOxz580d0ToP2e2u7r4oeDLa60T/AIWNpjapHv8ABMFwxlv85JwoAHAG/wCb5cL83Ga/enwzDFb+GtMjg0X/AIRyBLaNU0cJGv2IY4hxGSg2jj5SR6d6/Ar4A6hpdn8UvBDy69efDu4j1RN3jSOZnWxHqIguB/dJLFRuO4YzX76+HmEnh/S3TV/+EgRrZCur/u/9NG0fvsxgJ83X5Bjniuij8Jy190aFdf4f/wCQTD+P8zXIV13h/wD5BUH4/wDoRqcR8KJw/wARpUUUVwHohRRRQAUUUUAFJS0lACHpXhH7P4tNa8F61ps261voPGPiqS2n6E58Qagcqe/PBHt7ce79jXhH7P8A9l1rwXremTBrW+h8ZeKpLafoTnxBqB3Ke+DkEe35c9b4bG9He/49j0oAax/xLNU/0bV4PmguU43f7SH8OR7e2AYGs/8AEs1T/RtWg+eG4Tjf6Oh/Dke3Yjg/5DH/ABLNU/0bV4PmhuE43/7Sn8OR7dscGP7Y/wCJZqn+jatB80FwnG7/AGlP4cj27Y44v69fJ+Z17f1+K8vITA1n/iWaoPs2r2/zQXKcbvR0P4cj+WOFI/tr/iWap/o2rwfNDcpxu/20P4cj27Y4P+Qx/wASvVP9G1eD5obhON/+0p/DkfyxgGP7Y/4lmqf6Nq0HzQXCcbv9pT+HI/ljg/r/AID8x7f1+K8vITaNY/4lmqD7Nq8HzQ3Kcb8ch1P4cj27EfKbf7Z/4lmqf6Nq8HzQ3Kcb/wDbQ/hyPbsRwv8AyGP+JXqn+javB80NwnG//aU/hyPbtjAMf2x/xLNU/wBG1aD5oLhON3+0p/DkfyxgH9f8B+Ybf1+K8vITA1j/AIlmqf6Nq0HzQXCcbvR0P4cj+WOFx/bP/Es1T/RtXg+aG5Tjf/tofw5H8iOD/kMf8SvVP9G1eD5obhON/wDtKfw5Ht2xgGP7Y/4lmqf6Nq0HzQXCcbv9pT+HI9u2ODT+uvk/MNv6/FeXkIFGsH+zdT/0bV4PmguU43ejofw5Ht2I+VT/AMTr/iWap/o2rwfNDcpxv9HQ/hyPbsRhT/kMf8SzVP8ARtXg+aG4Tjf/ALSn8OR7dsYB/wAhj/iWap/o2rQfNBcJxu/2lP4cj+WMBL8/6s/MP0/q68vIOdY/4leqf6Nq0HzQXCcbsdHQ/hyPbsRwcaxjTNUH2bV7f5oLhON3o6flyP5YIB/yGP8AiWap/o2rwfNDcJxv/wBpT+HI/ljAP+Qx/wASzVP9G1aD5oLhON3+0p/Dke3bHD6ev9WfmH4f1uvLuhNo1j/iWan/AKNq0HzQXCcbvR0/LkfyxgLj+2caZqf+javb/PBcpxu9HQ/hyP5YIB/yGP8AiV6p/o2rwfNDcJxv/wBpT+HI9u2MAx/bH/Es1T/RtWg+aC4Tjd/tKfw5Ht2xgH6/j5PzDX+vzXl5B/yGP+JZqn+javB80FzHxu/2kP4cj27EcB/4nP8AxLNU/wBG1eD5obhON/8Atqfw5Ht2I+U/5DH/ABLNU/0bV4PmhuE43/7Sn8OR7dsYB/yGP+JZqn+jatB80FwnG7/aU/hyPbtjg/X+rPzD8P63Xl3EwNY/4lmqf6Nq1v8ANBcpxu/20P4cj27EcO/5DX/Es1T/AEbVoPmhuE43+jp+XI9u2PlT/kMf8SvVP9G1eD5obhON/wDtKfw5H8sYCf8AIX/4lmqf6Nq0HzQXCcbv9pT+HI9u2OD+vXyfmL8P63Xl5Cj/AInH/Es1P/RtXt/nguE434/iU8enI/kRx8mftkSXcHxv/Zy1W9Ro7vTdZ1LT3lxhZVu7ZIwwI452cj69OlfWf/IYH9mamfsurwfPDcpxv/21PHpyPbtj5fhz/go/46vdB+I37N2m32YJo/Fv2mZhjZNGklqu8e+JG6dM9uldOGuq0X/Xz8zGt/Dkv69V5M93oo/Tmivvz5MKOvFFH16UgOY8D+CF8FyeIWS8N0usarPqhXyvL8kybcp945xtHp1ryT9sDP8AxZP/ALKdon/tavbtL03UbXVdVubvVWvrW6dDa2fkKgtFVSGXcDl8nJyeleI/tgf80T/7Kdon/tauLkjTouEI2S/zPWxmInisW61WopyaWq9LdkfQVFFFdx5J89/t8aWdU/ZX8YmMZmtWs7hPXi7iBI/4Cxr3/wCEF9ZfEL9oP4w6u8xjuWs/DllaSqeU22LXZCn634JH+HHl/wC1Tpp1T9nH4iwgZMei3FyP+2S+Z/7LXEfsaftDwf8ACqNRmPgvxd4h1rWtWS9hu9F0/wA5B5VjaWg/ell6G1IPGOv4fL5xOMGm+p9Hk+GrYyThRV2vTQ++P+Qx/wASzU/9G1eD5oLhON/oy9PTke3bHDWI1gnS9Ub7Nq1v80FwmBv9HX8uRxnHGCOPDrv44fEvxRFBZ2XwW1STUUG+G51DVYLBh/tANn2yoPY9NteMftEeKfjvqfiPwYx0Obw1rkc0sNnbaHfNcS3JcI2ZFA2EL5Wcnjk9MV8hVxkaceZRb+T18vU/RMv4WxOMrxoVK1One7u6kHbS97Jt8vfQ+2v+Q1jS9T/0bVoPmguY+N2P4lP4cj27Y4GzrP8AxLNT/wBF1e3+aG5Tjd/tqePTke3bHHAfB238eap4ZSw+KN7Y/wDCUJtktfsUISRABnczhtrtxyEVQMHk9R29zfwXgg0zW5k07V1k22twWC+a2CQYzxkkKSVHPyk4GOOyL5op2376fJ+Z8riMO8PWlQjJS5esdV6xfWLPzU+Iv7Y0X7WXxasP2f8Axdc2HgnwrH4tu7LVPEMEkhOr2kErLa2qqF/dNMyqHYsF6EbR8h/SnTdOtP7NtPDkttHpVzp0SRWP2VRHGsaLhPLAwAAFHyjoBxjHHjHwD/Y9+G3wWvL57LSzcePrmV7mbxRqDCa7mZmLFoTgLGuSflQDIHJJGR7l/wAhn/iWamPsurwfNDcx8b8dGU/hyP5YwOibUrWX/B8n2ZxRi4t834dPNeQnGsD+zNU/0bV4PmguE43/AO0p/Dkfyxwf8hr/AIluqf6Nq8HzQ3Ccb/8AaU/hyPbtjgI/tn/iWan/AKLq9v8ANDcJxv8A9pD+HI9u2MBT/wATgDTNUH2bV4PmguU43f7aH8OR7dscZfj/AFs/Mvp/WnmvLuhONYH9map/o2rwfNBcJxv/ANpT+HI/ljg/5DX/ABLdU/0bV4PmhuE43/7Sn8OR7dscH/IY/wCJZqn+javB80NynG//AGlP4cj27YwDnWP+JZqn+jatB80FwnG7/aU/hyPbtjg/r/gPzDb+tvNeXdBxrA/szVP9G1eD5oLhON/+0p/Dkfyxwf8AIa/4luqf6Nq8HzQ3Ccb/APaU/hyPbtjg/wCQx/xLNU/0bV4PmhuU43/7Sn8OR7dsYBzrH/Es1T/RtWg+aC4Tjd/tKfw5Ht2xwf1/wH5ht/W3mvLuHGsD+zNU/wBG1eD5oLhON/8AtKfw5H8scH/Ia/4lmqH7Lq8HzQXKcbv9pOnpyPbtjgwdYP8AZmqf6Lq8HzQ3Ccb/APaQ/hyPbtjgP/E6/wCJZqh+y6tb/NBcJxv/ANpTx6cj27Y+U/r/AID8w/r0815eR4Lq/wAMfFOr/tv+H/GM1h5Wkx+B7jQrnVIp412zLeefCVQtvbOT91cDnkdvev8AkNf8SzU/9G1eD5obhON/+0h/Dke3bGF5PxH4g8TzeNPCXhlfCP8AaNpdNdHU/EsepRW50kRxhoJFhYbrjzXypVCCu3cR2XrONY/4lmp/6Lq1v88NynG//bQ/hyPbtjAd7/1+HqT/AF6ea8u6Irq3j8TW0uiayvkaiqMEmXjzARjcv1HUfyxgYH7Lt1Lcfs6/DVJ2L3NroNnYzsx5MsESwyZ990bZroyf7Z/4lmqf6Nq0PzQ3MfG7/bT8uR7dsYHJfsw+ba/De/0u4YNc6X4m12yfaMDauqXLR/8AkN466KD3/r7znrLb+vuPXaKKK7DmCiiigAooooAKKKKACiiigApKWkPSgDi6SnYH+fwpP0+lemuh5b3Z8O/8FMptLfw5plra/EDVtK8aeWp03whAqyWWoRu/ltLKrbUjIBZfMZjwMBe9flN440p9Juoor0quqAbJ4oI7VYFx1CtA5DYz3wa/W/8A4KfWnii6+CMjQeEtD1bwXbvHJqmuXGyXUtMYyqP9GSQqqhhgF1ZmO4gqOtfkp42t9OhjsX0WK5TSHjZoXvktVuHUngt5Iz6fe71jU2OylsbGv+H9Ptf2ffBOtx20Q1W88T67aXF2o+aSGGz0hokPsjXExx6u1edHoece9dpqukavD8GfC+qT6p5uhXGv6tbWul4P+j3MVtprTzZ7+Yk1sv8A2wFcW33TXGtzoP3T/YJtdRs/gLpSX3wmtPhahiieE27rv1hSn/H1IhHmoxB/5aE5zxgV9IV8uf8ABPK68NTfA22h8P8AxP1f4jTRpCb2DVCVGkSlTmCOJhujXg8l23YyNtfUdenHZHny3YnHpSU+mnrTIG03FSY/KmtTAbRRRTuSKv3hxnmvzI/a8sfEOtftQaJH4B12x+IergyAW3iOytJoNGlBfNuslwyxbAATtwMFRkk4r9N1wGBJwPWvy+/4KGaLplx+0J4cufiL4Zn0rQGtj5d14Vt7WW81C3DsFaWWZgGk3cYZflUnk1S1THH4jwj9qWD4m6dqNsni6XwvbXEESRlNMi0WALkEgAW5ZicHnnvXmnxg8y2+H/waaN4Y3uPCdw9wItoMrjXtWUMwH3vlRBn0UelbPx3t/hfZNajwlp/ie0tjGrJHrE2lrKcg7iwtl3enUdiK4b4geF7bw74T+HF99qvLs67oEuoiKeUGO0C6pf2vlxj+6fs3mf70r/jw1EdsNjqv2e/7cuviZ4Bg0/TbT4lt/au+PwHdSO63DBWL70bEY+UFtxYgbQWyMiv3o0VX/sWwMunR6PL5Ee/T4XR0tm2jMSsmFIXpkcYHAr+fz4HnQP8AhZng1te1HU/A+lpqCtc+K9OZnmtduSrID8oIbaM84DE4OMV/QF4bkt5vDekyWeoTavZtZwmHULiTzJLlCg2yuwAyWXDZwOT0raj8LOfEbovbRXW6D/yC4Px/9CNcptrrNB/5BcP4/wAzUYj4ULDr3jQooorhPQCiiigAooooAKSlpKAEY8Yrwj9n/wCy614J1vTJg1rew+MvFUltP0Jz4g1A7lPfByCPb8vd+qmvCP2f/suteC9b0yYNa30PjLxVJbT9Cf8AioNQO5T3wcgj2/LnrfDY3o73/pHpXGsD+zNU/wBG1eD5oLhON/8AtKfw5H8scH/Ia/4luqf6Nq8HzQ3Ccb/9pT+HI9u2OD/kMf8AEs1T/RtXg+aG5Tjf/tKfw5Ht2xgHOsf8SzVP9G1aD5oLhON3+0p/Dke3bHHF/X/Afmdm39bea8u6DjWB/Zmqf6Nq8HzQXCcb/wDaU/hyP5Y4P+Q1/wAS3VP9G1eD5obhON/+0p/Dke3bHB/yGP8AiWap/o2rwfNDcpxv/wBpT+HI9u2MA51j/iWap/o2rQfNBcJxu/2lP4cj27Y4P6/4D8w2/rbzXl3QcawP7M1T/RtXg+aC4Tjf/tKfw5H8scH/ACGv+Jbqn+javB80NwnG/wD2lP4cj27Y4P8AkMf8SzVP9G1eD5oblON/+0p/Dke3bGAc6x/xLNU/0bVoPmguE43f7Sn8OR7dscH9f8B+Ybf1t5ry7oONYH9map/o2rwfNBcJxv8A9pT+HI/ljg/5DX/Et1T/AEbV4PmhuE43/wC0p/Dke3bHB/yGP+JZqn+javB80NynG/8A2lP4cj27YwDnWP8AiWap/o2rQfNBcJxu/wBpT+HI9u2OD+v+A/MNv62815d0HGsD+zNU/wBG1eD5oLhON/8AtKfw5H8scH/Ia/4luqf6Nq8HzQ3Ccb/9pT+HI9u2OD/kMf8AEs1T/RtXg+aG5Tjf/tKfw5Ht2xgHOsf8SzVP9G1aD5oLhON3+0p/Dke3bHB/X/AfmG39bea8u6DjWB/Zmqf6Nq8HzQXCcb/9pT+HI/ljg/5DX/Et1T/RtXg+aG4Tjf8A7Sn8OR7dscH/ACGP+JZqn+javB80NynG/wD2lP4cj27YwDnWP+JZqn+jatB80FwnG7/aU/hyPbtjg/r/AID8w2/rbzXl3QcawP7M1T/RtXg+aC4Tjf8A7Sn8OR/LHB/yGv8AiW6p/o2rwfNDcJxv/wBpT+HI9u2OD/kMf8SzVP8ARtXg+aG5Tjf/ALSn8OR7dsYBzrH/ABLNU/0bVoPmguE43f7Sn8OR7dscH9f8B+Ybf1t5ry7oONYH9map/o2rwfNBcJxv/wBpT+HI/ljg/wCQ1/xLdU/0bV4PmhuE43/7Sn8OR7dscH/IY/4lmqf6Nq8HzQ3Kcb/9pT+HI9u2MA51j/iWap/o2rQfNBcJxu/2lP4cj27Y4P6/4D8w2/rbzXl3QcawP7M1T/RtXg+aC4Tjf/tKfw5H8scH/Ia/4lmqH7Nq0HzQ3Ccb/wDaU/hyP5Y4P+Qx/wASzVP9G1eD5oblON/+0p/Dke3bGAH/AInH/Es1T/RtWg+aC4Tjd/tKfw5Ht2xwf1/wH5ht/W3mvLuhCf7YX+zNT/0XVrf5oLlON3+2p49OR7dsfL+dP/BVi4vr7xD4Hur2Mpc+CtKudaaRSNsnmalpturge+49scfgP0X/AOQ0P7M1M/ZdWt/nhuI+N/8AtIfw5Ht2x8vwv+3zpN94wT4t2N/Di60f4Z2dxuXo4OuJNvHpkWZ/I/Qb0P4if9fPzMa3wNf18vJnvasrKrKQykcEd+9LXP8Aw81T+3Ph/wCGtT3FvtmmWtxuPffErZ/HNdBX38fhR8m92FFFFUI4LSPEmoyfGjxDoFxc7tOi0y2ura3KrhDuIY5Aycn1Jrzr9sD/AJon/wBlO0T/ANrV7cuh6XF4kbVxBGuszWotmmDNuMIbdjGfXvj8a8R/a/8A+aJ/9lO0T/2tXnRpzhTnGUru7fyPex1ejiKtKVGHLaEU9EryW706eZ9BUUUV6J4JzPxR0r+3vhn4u0wgt9t0i8tyo6nfC6/1riv2UviV4K+Bv7Knwz8GeKJ7q28SS6V/btsun2U9y8kV5NJcwyB0TGdsiqRnIIxx29ZliS4jeKRQ0bgqykZyDwRXAfAv40R+F/2YfhXo134P8S+IdYh0n7JbzaBYfaSn2Z2gyW3Lj/V4/DPbj5fPOZQi07X76n1vDtOFbEuM4Oa7Rkov72np30O1uP2qIvEFtFZ2fw68b6tqK/NBeWmkGJDjowZmBGcdMds8dpLz4xfFLxV9nsLT4K3A1BBvjvNR1qC0ZMdG24JOcHIHpkdOG3Xxx+IfieGCysPgnq8mpqN8U2oahBp7cfxDdn05Ht+RfeJvj54ouIdOXwh4V8PahGA8c2pajJK4/wBpfKGD05x/Svi3UlL7Uu2kXr82tz9Ljg6OH954akuq5q12vO0JxbXdWC+1T9oTxXdQ2DaL4L8O3kYDRzX1zcSygZyWTyxgnp7ZU/h5x+0J8Lfjb8RPCEena5rOl67qFveQy22j6Tp4iZ2Y7PMWdmBCqHYnIAwCT0NelN4T+PPiq8XT9Y8deG/Dd9DiSNtO0pp2PH3kMjDPf/vke+F/4UP478UXxsvFXxm1038RLxf2fZwWYbj7yFATjIzjPb64ipSlVi6bUnf0X36nVgswo5ZXhiYVcPBx1SUJza9G4vR9bSJ/2cfhJ4o8DaTPpvjfxne6hqm0SWti8nmwWnQgxysN7HjBAYLjPBIyOz+LHxa0j4eeDb3UPEod7/TTGyixZDPIGkVd8allBxuyVyOFPTHHBWH7JPh7VrqXTvE/irxhrOpL8yPqetySLIM9VwB6YI9B7HHIeKvgT+z5o/hnWdD1HVvDfg3X/JYR6xqethghxnzR502OgyVyO547bRjXhTcKUPS7d366bnmVa+UY3H/W8xryfM05clNJLXVp8y0/7dbPYfhr+0B4E+OtvDp2na9B/b8eXhibMNxkDJKo2CcdwMjjP09D/wCQ1/xLNT/0bVrf5obhON/+0n5cj27YwPmb4M6l8BfhbosthoGtw6vrannXtEgm1aW4xzlGtkfC452rgY565I7PVv2rPCc1ibfUNI8ULqVs7CK5m0ObTMuO4+3C3284znA7/KOnZQjWdNe1Wvls/XzXc+YzZ5dHGTWVuXsU9Oa1/VW6PsezcawP7M1T/RtXg+aC4Tjf/tKfw5H8scH/ACGv+Jbqn+javB80NwnG/wD2lP4cj27Y4+fJP2wNK8TabGi6NYwXkZzDfah4z0C3UkdGAjvZXGePlKDnHTtLdftDat4ksYY5tf8AgzpU0Z/d30nxD+0Sq3r5SWqL9QJOcfw9upU5P+vz8zxvaRX9benk+x79xrA/szVP9G1eD5oLhON/+0p/Dkfyxwc61/xLNU/0bWIPnguI+N/+0h/Dke3tx4LefE2/8SW8S3/7QPwc0p4sMJLC2E86HjkStqSKOeP9Xg9RjjEt1rHhrxCIf7Z/autCYWyv9i3eg2nIHPzPDK4z1O1hzyMYAFexk/6/r7yfaxVv6t6eT7HuuTrR/szUz9m1WD54LiPjf6Oh/Dke3qOEz/bGdM1P/RtXt/nhuIzgvjo6/XHI9u2OPEZbP4KapJHJrXx6u9ckjbId/iObIhuMkfY54AvODxgdunFatt8PP2bNYgW4nn8IeJ4WOFk1rW11ZWIzxm4mkB6Y+gx0q/YPq7k+2Wll/wAD+uxnfH79prR/hFeeBdH1xNPl1DWfEtrok+oNqSWw0yKQtm8bKnKKY8MrFACc5GCBup+0x8LvEls1o3jXTdXv7Y5iu/DbNqgc9mT7Kr56cr3OccgheT+LHwT+CXjzR/Cdl4b13wF4Dk8PeJLDX0n0q2sQJRbEnyCqOmFYEDOeNo4Ne9N8WPBOP+Rx8P8A46pB/wDFf5x3p+wXV3/Ul1n0Vv0/rsean46af4k08wR+EfHeoX1uf3F5a+Er+2Vm7MjXMUQIPB6gEEEHPTZ/ZzsfEVvZ+OL7xDoF54cGq+JZb+xtdQaEztA1raqzssTuq5nW44JBIAbADCuyPxY8ELn/AIrHw+Mcc6pB+X3qP+FreCFb/kcfD45x/wAhSD8vv1rCmoO5nKo5LlsddRWHb+NdAvIFmg13TZonGVkju42Uj2IapP8AhLdF7azp/wD4Ex/41qZGxRWP/wAJbovbWdP/APAmP/Gj/hLdF7azp/8A4Ex/40AbFFY//CW6L/0GdP8A/AqP/wCKrTinWaNXjdXVxlWU5BHrnvQBLRUasWOf4akoAKKKKACkbpS0jfdoA42kI6460elLXpLY8p6M+BP+CrFx4Sh8L6N9t1LxDB40hUS6TYxAPpEiCTDmZZcReaASRszJ93jbzX5deNbd7e/X7TNDNqEyLPcGB7V48sARt8gkDgjK8YOa/XX/AIKhSeNI/gFc/wBn3Hh+PwG8kK6zDesi6nI/mqVFs0uUJ+79weZweq1+SPjXUNHmhsbXRYruLT0Uusd7dWk75Pf9xGuOc8Nk4IrGpsdtLYsar4sF58GfC3hkafcR/wBna/q2ofb2/wBTN9ottNj8pePvp9ky3oJU9a4pvunPAr07xBeQyfsz+ArZZ43uI/F3iGR4Q4LqjWWiBWK9QCUfB7lSO1eY8ngda5FudB+9X7FMXjW3+A+gw+MPBXhzwTEtrC2mW3h91AuYCn+umjXKpI3yn7xJ3HODxXvVfKf/AATdm8CS/s/xDwNqvijVAkiLqv8AwknmbYbrbylsD+6Eec/6sk9Nxzivq7Fekuh58t2NpMU7aKSncgSgjNFFFxXG7fam/hUlJz3qhDVyMEfe7V+aP7UlzDJ+1dYyeB9bhj1uDLXF14qSwWC2uRvUJHLe8iEKTxgruI2561+mO0dwce3WvzM/bzumtP2jdEl+Iljaapof2Rfs9p4cu7OC7mtA0mwObhWlEm4g/wB3AO2qi9GOPxHi/wC1RrHxHkvrRfEXjPwvd3DWgy2lX+keUF6hFECBgBjOOeoxXz94917X9U8J/D6DUki0yxsdBmtdOmWU51C3OqX8rS4AxxNJNFxj/UivRv2jm8E2N3p8fhnStS062e3GYr3X7K6fdk84hhBXtx7V558Tte0vWPA/wmtLKVbm50vwvNaXiIxJt5m1rU51jbj7xjnif6OK46myOyOiZ0n7Lo1+T43/AA+/4R3+yPFuunUyLXw1rch+yyEI2TI0g8scbipGWBUEDOK/eqx+1NYWpvoYbe+MKfaIbZi0UcmPmRWIBKhgQCQMgcgV/PP8J302z8eeEbrXdO1Gx0BNWt/t2qaY0q3Kx7xuELAEBwoOMAnIr+hHw79kPh3Sjp8lzLYfY4fs0l4ztO0WxdhlL/OXK4zu5z97BrSm/dMK/Qu11ehf8gyH8f5muW211Oh/8gyH8f5mpr/Ch4f4jQooorhO4KKKKACiiigApKWigBrHjFeEfs//AGXWvBOt6ZMGtb2Hxl4qktp+hOfEGoHcp74OQR7fl7u/Cn6V8n/Cf47fCrQvD/ifwz4o+Ifhfwv4g03xn4ofydU1u2tZ4t+u30ikrI6kZVlOD1BBHY1hVTcbJXNqTs7s+g+NYH9map/o2rwfNBcJxv8A9pT+HI/ljg/5DX/Et1T/AEbV4PmhuE43/wC0p/Dke3bHHmC/tRfBrXLdrTUvi54Etr+1OY76LxLZBW6YZT5v0yP8hV/ai+DWuW7Wep/FzwJbX9qcxX0XiWyCt0wyt5v0yP8AI4+WXa9/x/4PmdfMl8vw9PJ9j07jWB/Zmqf6Nq8HzQXCcb/9pT+HI/ljg/5DX/Et1T/RtXg+aG4Tjf8A7Sn8OR7dsceYL+1F8Gtct2tNS+LngS2v7U5jvovEtkFbphlPm/TI/wAhV/ai+DWuW7Wep/FzwJbX9qcxX0XiWyCt0wyt5v0yP8g5Zdr3/H/g+YcyXy/D08n2PTuNYH9map/o2rwfNBcJxv8A9pT+HI/ljg/5DX/Et1T/AEbV4PmhuE43/wC0p/Dke3bHHmC/tRfBrXLdrTUvi54Etr+1OY76LxLZBW6YZT5v0yP8hV/ai+DWuW7Wep/FzwJbX9qcxX0XiWyCt0wynzfpkf5Byy7X/X/g+YcyXy/D08n2PTuNYH9map/o2rwfNBcJxv8A9pT+HI/ljg/5DX/Et1T/AEbV4PmhuE43/wC0p/Dke3bHHmC/tRfBrXLdrTUvi54Etr+1OY76LxLZBW6YZT5v0yP8hV/ai+DWuW7Wep/FzwJbX9qcxX0XiWyCt0wynzfpkf5Byy7X/X/g+YcyXy/D08n2PTuNYH9map/o2rwfNBcJxv8A9pT+HI/ljg/5DX/Et1T/AEbV4PmhuE43/wC0p/Dke3bHHmC/tRfBrXLdrTUvi54Etr+1OY76LxLZBW6YZT5vfjI/yFX9qL4Na5btaan8XPAltf2pzFfReJbIK3TDK3m/TI/yDll2vf8AH/g+YcyXy/D08n2PTuNYH9map/o2rwfNBcJxv/2lP4cj+WOD/kNf8S3VP9G1eD5obhON/wDtKfw5Ht2xx5gv7UXwa123a01L4ueBLbULU5jvovEtltbphlPm/TI/l2F/ai+DOuW7WmpfF3wJb39qcxXsXiWyCsezKfMxz3Gf/rHK+1/1/wCD5j5kvK34ea8n2PT+NYH9map/o2rwfNBcJxv/ANpT+HI/ljg/5DX/ABLdU/0bV4PmhuE43/7Sn8OR7dsceYL+1D8Hdft2sr34q+C/7UtjmG4sdftZWkPGGQJISx6ZUenbHyjftLfDvWtPkju9bubu5tBvj1DRNKvL5CAM+YrQQt8vHPb6HgHK+2/4/wDBXcOZL5fh6eT7Hp/GsD+zNU/0bV4PmguE43/7Sn8OR/LHB/yGv+Jbqn+javB80NwnG/8A2lP4cj27Y4+ffEH7c/wot7F4dd1HVbDULVsJdXWkXGnfMCAT/paw7ecZDYz0HPAypv27vDXibTUTT/AXjjxXdxMfJvfDNpZ3YB42vtS5385GVCkjI4BKimoSfT+v8/MnmS/rb08n2PpfjWB/Zmqf6Nq8HzQXCcb/APaU/hyP5Y4P+Q1/xLNVP2bVoPmhuE43/wC0v5cj27Y4+aNO/ay8afEzRVfw/wDAnxbqd1C22O6u9+nbXAzyZIcA9PlzjpyMijQfjh+0B8V7O4hs/gTpukS2MhiXVrzxdBPH5gwQw8pB25KjPbkZWq9nJ/1+f+YvaRX9benl5H0v/wAhkf2Zqf8Ao2r2/wA0FxHxv/20P4cj+WOPlz4saTe+OPEH7VVnexBr6y+FthpkTL913ZNXnVunHJQ/j26DR0nX/wBqP4nX0tra2vwn0uysJVX+2GOpXR3gDcqFDGrN3yDtxjpla8/uf2X/AIx/GX4keK9WX45jQ7DWLS30/XLjw3orxWl15MbIkcebgM/EjAsOCHJwAy52pU3GV3/XqY1JqUbL+vQ1/wBmDVDq/wCzt8N7gsSRoNpB/wB+4lT8fuGvT68i/ZT01fDvwV07w+LwXx0LUdU0g3AIxJ5GoXESvxx8yoDx6/jXrtfcUnzU0z5qppNhRRRWpmZVxoelSeIrXVpYY/7Yiha3hmZyH8s8soGefyP4V4l+1/8A80T/AOynaJ/7WrtPiVG8fxU+GF8isyw3d5CzKMhRLAAOnQZri/2wP+aJ/wDZTtE/9rV5ntIy9rDltZr53PoMVhXRpYas583PF/8AbtnsfQVFFFemfPh9eleGfAH43eNrPwHrnw+8B/BXVvH9/wCD/FGs2M2qxa5ZaZbQs9/cXMYV5m3H5JU6gA9jnFe51w37Bs4sfjX+0voX3Rba9p+okdP+PmCV8/8Ajn6V4+ZQU6avsj0MFOVObcXqaHw7+Nnxw/aE0XVV0f4YeFfCN5oOp3GlXd9r/iaacxXlvL5cqoLa0KuQVYHbJjgHI+XN7TW/aP8AiffTWA8R/DbTLGw4bXNL0e+mYTj+CJpLgB+MEtsUcAjI27m/skXWo/Ez4E6JaWDS2Okald6jq+raouA9w13f3Fz5MR/3Zl3H0Ppw/sO0eOP+KW8Lj+zvCFj+5vtRt/8Alv3MMJ75/iY5zkk5BHmfP+zh2PV55dzw2z+Ffx1+JHih7c/tDyXGgWEn7/UNK8HWVmpk67IWLyOSOPmDAd8Ebd9Bv2WNf+KnieOE/Hb4m3Wkaa/+l6tp+rraxSyDrFDGFZWGMZJyO/I2hvoLA8bk+F/C4/s7wjZfub7Urf8A5b92hhPfJOWc5zkk5BHmLn/hNv8Ail/C/wDxLfCFj+4vdRt/+W3rBCe+c/M3Oc5OQR5lcq7C5pdz51f9hrwB8TNefTzqXiHxNoVm5W+1fXLyK5Mz8ExQsIlyeAS/PY9Nu/pPD/7Ivwy1LXvsXgvTdX0zRrGQLe6xD4i1ErLICD5VvH9o8tfdlUevTG/2X/kdv+KW8L/8S3whY/uL3Ubf/ltjrBCe+f4m5znJyCPMXP8Awm3/ABS/hf8A4lvhGx/cX2o2/wDy2x1ghPfOfmfnOcnII31ZEHm1x+zj8MfiNqjaRpPgrSrjw/ZuFvtZ1CI3zzkciCFpi+RnktyM89xv2LH4OeAfEt2dB8GeB/DeieGbLbDfavY6Rbo823pBCwTJ92OeuehG/sP+R2/4pfwv/wAS3wjY/ub7UbfjzvWCE985+Zuc5ycgjzD/AJHYnwv4X/4lvhGx/c32o2//AC29YIT3zn5m5znJyCPMAM3/AIRnRvHEp8N+GNJsdP8ACll+5vtUhtkzPjkwxMQd2TyznOc5OQRvD4Z0bxxJ/wAI14X0mx07wpY4hvdUt7ZMzY6wwsRznJ3PznJJyCPM0v8Akdv+KX8L/wDEt8I2P7m91G34871ghPfOfmbnOcnII8xc/wDCbf8AFL+F/wDiW+EbH9xe6jb8ed6wQnvnPzNznJJyCPMYWRmf8IzpHjiT/hGvDGlWWneE7E+Ve6nb26ZmI6wwtjkn+J+c5ycgjeHwzo/jiT/hG/DGk2OneFLE+Ve6pb2yZmxyYYWxznPzPznOTkEeZp5/4Tb/AIpbwv8A8S3whY/ub7UbfjzvWCE985O5uc5JOQR5hu/4Tb/ilvC//Et8IWP7m+1G34871ghPfOTubnOcnII8wAzP+EZ0fxxJ/wAI14Y0mx07wpY4hvdTgtkzNj/ljCxHOf4nOc5ycgjfQuvhz4T+Il4dB0Dwvo1r4bssQ32sJp8LPPjH7mFypJ93JPr0I39D/wAjt/xS/hf/AIlvhGx/c3uo2/HnesEJ75z8zc5zk5BHmGf+E2z4X8L/APEt8IWP7m+1G3/5besEJPXOfmY5zkk5BG8Ged+PvgzpHxc8O3ng74c2eieB7CHy4ZvFlvoVtdMNrKzQwo4AfcoZS+f4t2egk6Bvhn4P8c3A8PeGvCeh6d4ZsSI73VodNh3TY/5YwsVyc93PXryCN/OftHeKtYj+APxFj+G066JpnhnQb26k1eJQ4d4YWkMUWQd2cEsxznJJ4I36nwX8Q3vxk+D3gW10oyadoc2g2Fxq+pIgjeeWS3jkkhjHqzOSxx3zyCA4Beb4Z+DvHVwPD3hnwnoen+GLAiK91aHTod0xH/LGFivPu/Oc5OQR5g/wx8HeO7j/AIR7w14T0Ow8L2JEV7q0OnQ7psf8sYWK8+785zk5BHmdL/yO3/FL+F/+Jb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5h/wAjt/xS/hf/AIlvhGx/c3uo2/HnesEJ75z8zc5zk5BHmAHFXPwR+HXxE1I6N4f8A+F7XQLJgl9riaNbtLOwA/dRSFCWPAy5JJ6nII3tl+Bvw38fXw0Pw38PvCtj4csCsd7rMOi2xkmK4/cwuUJJ4GXyfXoRv7f/AJHb/il/C/8AxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP+R2/wCKX8L/APEt8I2P7m91G34871ghPfOfmbnOcnII8wA4iX4G/Dfx9fDQ/Dfw+8K2PhywKx3usw6LbGSYrj9zC5QkngZfJ9ehG8l+Bvw38fXw0Pw38PvCtj4csCsd7rMOi2xkmK4/cwuUJJ4GXyfXoRv7f/kdv+KX8L/8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8AEt8I2P7m91G34871ghPfOfmbnOcnII8wA4iX4G/Dfx9fDQ/Dfw+8K2PhywKx3usw6LbGSYrj9zC5QkngZfJ9ehG/Ouf2afhB8RNTOkeH/hV4JtdBsnVb7XE8O2bSzsuP3cUhjJY+rkknqcgjzPSP+R2/4pfwv/xLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMX/AJHY/wDCL+F/+Jb4Rsf3F7qNv/y29YIT3zn5m5znJyCPMBHN/staH4Y8M6r8ZNK8GafYaX4as/GUUNpaaXAsVvH/AMSLSd+xVAHLl2LfxFi2Tuyfea8U/Z0/slfFHxqj0Pyv7Li8ZQRQ+TnZ8ug6OpIJ6/MG+bndnOTmva6BBRRRQAUh6UtJQBxu2ipdvtSbRXoJ6HnSjqfB3/BUeTwxYeGdBv7jw/rJ8bxMh0fxNC/laXZjzDujneTMbtgkhNobkHOOK/MT4i/EDWvFFrp1pqWrLqBhjx/o7Wxj+n7qJDn/AHiT71+qf/BVDVtX074S6Dp8PiS3tPD2rXpttT8OblhuNS2YlWRZiCVjiKjcuPvOhycYr8pfiJpMljLHcLLaixnANvaw6tBevGuOA2z5h/wKoqbXOinorD9Y8J6dZ/BDwn4niV/7V1HxFrOm3DF8oYba20uSIBex3XkxJ7jH92uFbG056d67XVj4hb4NeFvtJt/+EU/t/V/7P2n979s+zab9r3f7Oz7Ft999cUc4OOtcfU6T96f2IZPH9x8ANAl8dar4Z1VDBENIbw2F/c2uwHy7howI/N45CDrnJJr32vlv/gmvonhCH9mPSdY8JeGb7w4dTlI1KTULkzvf3UIEclwhyQsZbcFXC4wRz1P1R5VegnscElqyLmm1P5VJ5NO5HKQ0VL5dJ5dMXKyOipPKpPKNPmQrMZz24NfmN+1lDcWX7V2iN8O9eg8Aa55/m3F74q1OK2h+1Ev+/jS4jciIqCNwJXJBAFfp55Rr8q/24r298V/tZNpPifSdT8ZeH9Gmis7G20yJYmWORFla3Vdw3uCxyxIzhauPVFJNNNnkv7W9341bUbM+IPi74d8VTeVvJ0vXorxV7YAigTFeOfE7QbPSfAfwourS6gtrjVPDM93fGN3Jupl1rU4RITjBIjhiTPpGPx9c/aYhsrr+xreP4Y+N9LjtYf3a62skJ/3VXfIAvfINeS+MvDutaX4U8AyajpMmrwX3h+W4022YSj+zLcapfxtCRx1linl57TfWuWUdjpi1qbP7ML63Z/G/wDN4N8WabB4uOof6JBrSOljE5RwfNkcFcFcgYXO5hjBwa/eqw+1/YLX+0JIZb/yY/tMtuCsTS7RvKBuQpbJAPY8nmvwb+D629p8RPCEfij4fJN4eS7WW7XTSYL64RgdirIWyp3beOCehIzmv3rtbVLW1t4Y4vIjiiREh/wCeYAwF6noMCtILliY1VdhXU6H/AMg2L8f5mub8s+ldLoo26dEPr/M1lWeiKoq0i9RRRXGdoUUUUAFFFFABRRRQAlJsHWnUUgGhaNopcUEcHigBnrSe2PrXyJ8IvD/i/wCPXhnw/qGofEnxtta3U63eW93BYRfaQcSQWyW0EZADDGWLFcDJ/wCenSy/AXwp8R9aOn6bL4iv9Fs5P9P1nVvFOp6h5z9TFAJ7h1AzzkDAySAAQJGM+idU1vTtDt/O1K/ttPhwSZLuZYlwOvLGuD1L9pb4SaTcfZ7r4m+EY7nOPsw1u2eY44OEVy3B64HGK85s/wBn/wCGPinVm0vwl8PPC+m6LZssd/4hi0e3a5uCuMQxzMhZj6uSeP8AZID9rY6bZ+Ioz4T8F2kOheDbLEF9f2MYQT4GPJiIHzZH3nOc5ycgjzAAtf2pfh9qiE6Nca/4kGdoOheF9Tv0JwDgyRW7IvUcswAzyRVbSf2k18VLM3hf4a+O/EkUTbDNDY2tkhbrgNeXMIzjnHYdcEqDpf8AI7H/AIRfwv8A8S3wjY/ub7Ubf/lv3MMJ/izn5mOc5JOQR5h/yOx/4Rfwv/xLvCNj+4vdSg6z+sELH72f4mOc5ycgjzADD0P43eP/ABrc3cfh34UFYLVzFJda74it7aIv/dDW6XG49D8uRjJ7ruq6D4++M3jjVru20vSPAmj2Fqxjl1P+0L3VIDJx8kf7m2MmOc/dHfONu7plx42/4pbwsP7N8IWP7m91G3/5besMJ75ydz85yScgjzDjxsf+EX8L/wDEt8I2P7i91K3/AOW3rBCe+f4m5znJyCN6A5DSZPjF448Q3FrafELw7b6LaHbcarpHhR4lL9fLi8+8nDnnl8Beh29N9W18D+MfHviJrSz+MfjK60KzYpfahBDplrE7/wDPO3MNmrk46sZGwTuGBgN3I/4rY/8ACL+F/wDiW+EbH9ze6jb/APLb1hhPfOTufnOSTkEeYD/its+F/C//ABLfCNj+5vtSt/8Alv6wwnvnJ3Oc5yScgjzAZ56/wV0r4ja8bLT/ABH41vdGtJcX+sXHjDUyk74yYoYUnWE9c7tnGeMKFDsl/Zz+GPxD1gabo3gXRJ9GsJFF54g1C0W+nkdcERwSz723D/npnOP9kgP6L/yOxPhfwuP7N8I2P7m+1K3/AOW/cwwnvnOWfnOSTkEeYf8AI7Z8L+F/+Jb4Rsf3N9qNv/y29YYT3zn5m5znJyCPMYGRpPg7QNZn/wCEc8CaHpvhzwtY/uL3VNMtI4mmwMGCFlHOQTubnIJzkEeZsD/itj/wi/hYf2b4Rsf3N7qVv/y29YYT3zn5n5znJyCPMM/8Jt/xS/hf/iW+ELH9ze6jb8ed6wQnvnPzNznOTkEeYZ/4Tb/il/C//Et8IWP7m+1G3/5besMJ75ydzc5zk5BHmIAz/wAJsf8AhF/C/wDxLfCNj+5vtStz/rscmGE985yz85zk5BHmIP8Aitv+KW8LD+zfCFj+5vdRt+POx1hhPfOfmbnOcnII8xc/8Jt/xS/hf/iW+EbH9xe6jb8ed6wQnvnJ3NznOTkEeYZ/4Tb/AIpbwv8A8S3whY/ub3UbfjzvWCE985O5uc5ycgjzABOPG2fC3hYf2b4Qsf3N9qVvx5/cwwnvnJ3Oc5yScgjzDP8AwmoPhfwv/wASzwhY/ur7Ubfjz+5hhJ65ySznOcknII8xc/8ACbf8Ut4X/wCJb4Qsf3N9qNvx53rBCe+cnc3Oc5OQR5hu/wCE2/4pfwt/xLPCNj+5vdStuPO7mGE985+ZznOcnII8xiPm34JpY2OpfFHTNMdWsNP8capHB5TFlCyGOfG7uP3/AFzzwcnqfTK8n+FviLw9qnxs+O1h4VdW0ay8RWqxpGuFWRdPgt5sHuDLbOd38XXnINesV9ThnelE8WsrTYUUUfrXUYGXr3iWx8O/2cb55E+3XcdhB5cTP+9fO3IH3RweTwO9eI/tgf8ANEsf9FO0T/2tXtnijxVp3g7S/wC0dVmaG085IS6qzDe7bRkAdyeteJ/tfcf8KS5z/wAXN0P/ANrVx1JfHHm1007Hpez/AHVKpyPqr9H6enXU+gqKKK7DzQrxD4a+Jv8AhW3x+/as1Mv5QbwNZa//AOAlpMma9vr5H+PV9Jovxw+JllC3lf8ACVfCddHQ9N08+swWoH/fE/6152OX7o68K/fPsL4C6Rd6x8D/AIe+BtG3adoGkeH7C11bUol2tcSi3TzYouMEsxYs3ueoI393/wAjt/xS/hf/AIlvhGx/c3uo2/HnesEJ75z8zc5zk5BHmRwRJ4uhj8J+Ex/Zng3T1Fvd6hbf8tgOsELHO7PVnOc5ycgjzJP+R2/4pfwv/wAS3wjY/ub3UbfjzvWCE985+Zuc5ycgjzPnT1w/5Hb/AIpfwv8A8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8AEt8I2P7m91G34871ghPfOfmbnOcnII8w/wCR2/4pfwv/AMS3wjY/ub3UbfjzvWCE985+Zuc5ycgjzAA/5Hb/AIpfwv8A8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8AEt8I2P7m91G34871ghPfOfmbnOcnII8w/wCR2/4pfwv/AMS3wjY/ub3UbfjzvWCE985+Zuc5ycgjzAA/5Hb/AIpfwv8A8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8AEt8I2P7m91G34871ghPfOfmbnOcnII8w/wCR2/4pfwv/AMS3wjY/ub3UbfjzvWCE985+Zuc5ycgjzAA/5Hb/AIpfwv8A8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8AEt8I2P7m91G34871ghPfOfmbnOcnII8w/wCR2/4pfwv/AMS3wjY/ub3UbfjzvWCE985+Zuc5ycgjzAA/5Hb/AIpfwv8A8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv+KX8L/8AEt8I2P7m91G34871ghPfOfmbnOcnII8w/wCR2/4pfwv/AMS3wjY/ub3UbfjzvWCE985+Zuc5ycgjzAA/5Hb/AIpfwv8A8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzFB/4TY/8Iv4W/wCJb4Rsf3N7qVvx53rDCe+c/M3Oc5OQR5if8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYAU9Z0uz+Kej3/gTSIVtfACwSWGrXkRIW6iZSJLeJu4YMdz55ySeCN8HhvS9M1jQdO8C+AI49I+H2iwLYyXtk5ZXjUAC3gckluPvMSc9SSCPM0ZY08fRv4S8NKNP8G2im2v9Qg6Tj+KCI985O5jnOSTkEeZieCfC+hnw1afDz4aQLofw50cvBPdWczyh8uzvBA7li2WdizEkYb0wGAN3/kdv+KX8L/8AEt8I2P7m91G34871ghPfOfmbnOcnII8w/wCR2/4pfwv/AMS3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv8Ail/C/wDxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP+R2/4pfwv/xLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMAD/kdv+KX8L/8AEt8I2P7m91G34871ghPfOfmbnOcnII8w/wCR2/4pfwv/AMS3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv8Ail/C/wDxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP+R2/4pfwv/xLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMAD/kdv+KX8L/8AEt8I2P7m91G34871ghPfOfmbnOcnII8w/wCR2/4pfwv/AMS3wjY/ub3UbfjzvWCE985+Zuc5ycgjzD/kdv8Ail/C/wDxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP+R2/4pfwv/xLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMAD/kdv+KX8L/8AEt8I2P7m91G34871ghPfOfmbnOcnII8xf+R2P/CL+F/+Jb4Rsf3F7qNv/wAtvWCE985+Zuc5ycgjzE/5Hb/il/C//Et8I2P7m91G34871ghPfOfmbnOcnII8xf8Akdj/AMIv4X/4lvhGx/cXuo2//Lb1ghPfOfmbnOcnII8wAyf2dP7JXxR8ao9D8r+y4vGUEUPk52fLoOjqSCevzBvm53Zzk5r2uvFP2dP7JXxR8ao9D8r+y4vGUEUPk52fLoOjqSCevzBvm53Zzk5r2ugkKKKKACkpaSgDlM0n0HNJuozXd0OLqfn5/wAFQtTt9f8AEXgLwz9l+1fYbK41Kfapbb50ixxDjpnyZDj6V+eHjrwjYWOmyXFvatEsTiJ3GdgkK529cbsc49K+zv8AgpRrlzov7SdpNbTSROuhWcg2OV43ScfTOa+Q/ih8YPEHiiwmszfXTaPIsarYTTtKsYQAZBJ9vyrdR90m/vWOP1rxZYXnwT8J+F42k/tXTfEWs6jOhjIQQXFrpkcWG7ndZzZHbj1rha9P8SW8H/DNfgS6WCMXMni/xFG8wUb2RbPRCik9SAWcgdtzeprzCvNl8R39D9of+CUHjaLxP+yjDo+/Nz4c1i6s3XuElxNGf/H2H4V9lZr87v8AgjPlfhl8TP7v9s2gH/fh8/0r9DvMrrWqRyS3H5pd1R+ZRu96LE3Y/ijdUe6inYCSkpmaXJosA9cGRQemea/MXw/8Jrn4yftlapJqeowQalreoXmom3dfMT7PFkL164QIuK/ThP8AWL2Oa+Evgm239tDwxuGWk0bWSCeOMJwK2j7sJyW5PLeSR5J/wUU+H/iT4e6lpMknipJYGh2WUEErLKkaqBynYADAr4s8deNdZ8T+E/AVokepW39g6FJp8tzNKdt4W1S/uBMncqBc+Xn+9Ewr76/4KhqbnxVpofyXRLV/l5yvT/P4V8c/Ey8hk+HPwmhhljlaLwrOkkasCUb+3dUcKw/hO1lbB7EetZ/HFXKj7raR5itvrdnpdpqkMsqT288bxt5mHDDDKfzA/Gv6F/APiaXxl4B8MeIJ4/Kn1bS7W+kjzna0kKOw/Mn8q/n+tVNxCsrknChAv8j9c1+8vwOUQ/BL4fL6aBYjnr/qVquS0dxc1zuN9dHo/wDyD4vx/ma5ndXTaN/yDovx/ma56y0NaW5eooorkOkKKKKACiiigAooooAKKKKACkb7pzyKWkb7poA+aPgWuqeMPA954NsUk0vQ9I8Q67p+paguA8wj1a7VYYv95ApJ9G54wH9C/wCR3Y+GPC//ABLvCNj+5vtSt/8Alt6wwnvnOWbnOcnII38P8MbHWfEmqfEPwdbb9M0Sx8XahJqN+nDyi4ZbnyIsjjInBY88Ng8YDdx/yO3/ABS/hf8A4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmBQf8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8AI7f8Uv4X/wCJb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5h/yO3/ABS/hf8A4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/I7f8Uv4X/4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmAB/yO3/FL+F/+Jb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5h/wAjt/xS/hf/AIlvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/I7f8AFL+F/wDiW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYAH/I7f8Uv4X/4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/ACO3/FL+F/8AiW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8jt/wAUv4X/AOJb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5h/yO3/FL+F/+Jb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5gAf8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8AI7f8Uv4X/wCJb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5h/yO3/ABS/hf8A4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/I7f8Uv4X/4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmAB/yO3/FL+F/+Jb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5h/wAjt/xS/hf/AIlvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/I7f8AFL+F/wDiW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYAH/I7f8Uv4X/4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/ACO3/FL+F/8AiW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8jt/wAUv4X/AOJb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5h/yO3/FL+F/+Jb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5gAf8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8AI7f8Uv4X/wCJb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5h/yO3/ABS/hf8A4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/I7f8Uv4X/4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmAB/yO3/FL+F/+Jb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5hn/hNs+F/C3/Et8I2P7m91G3/AOW3rDCe+c/MxznOTkEeYf8AI7f8Uv4X/wCJb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5gW/wCE2z4X8L/8S3whY/ub7UrfjzvWGEnrnPzMc5zk5BHmAH5+fsd6lF/w0h+0la2wI0658QSXWnhX3KYEvLyIMpycjG1c5529a+vq+O/2aLGLw7+0Fp8duoS08ReBbvW05yCT4gu1Uc8/dbNfYlfS4J3oo8bEfxAo/Siiu45jhvjX4V1Hxn8N9T0vSIlm1R3glt1ZwgJSZGOWPT5Q35V5r+19yPgnxg/8LO0TjIz/AMt85wTXu2tTXtrpN5LptmmoX6Rs0NtLII1lYdBuPTnjPbNeCftZST3Fj8C5LqL7PdN8StCaWHdu2MRMWUHuATjPtXm1acIznNbtL0Pa+tVamCp0HbkjJvfW7XVdj6Iooor0jxQr5K/ag8IzeKP2rf2fdKUulr4ivxp98Y/vNbwXtpdOo+mAc+v0r61ryrx/4FsvGn7RnwHS+keFf7R1W2WaM4ZS2nSS4Bzj5hbFehHI4NceMj+5Z0YfSofTQ/4rX/ilvC3/ABLfCFj+4vdQt/8Alv6wwnvn+J+c5ycgjef8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYv8AyO3/ABS3hb/iW+ELH9ze6jb8ed6wQnvnPzNznOTkEeYf8jsf+EX8Lf8AEt8I2P7i91G34871ghPfOfmbnOSTkEeZ8vdHsif8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8AI7f8Uv4X/wCJb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5i/8jt/xS/hf/iW+EbH9xe6jb8ed6wQnvnPzNznOTkEeYf8jtnwv4X/AOJb4Qsf3N9qNvx53rBCe+c/M3Oc5OQR5gAn/I7f8Uv4X/4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/ACO3/FL+F/8AiW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYv/I7H/hF/C3/ABLfCNj+5vdRt/8Alt6wwnvnPzNznOTkEeYf8jsf+EX8Lf8AEt8IWP7i+1G34871ghPfOfmbnOcnII8xjE/5Hb/il/C//Et8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/il/C//ABLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMX/kdj/wi/hb/iW+ELH9xfalb8ed6wQnvnPzNznOTkEeYf8AI7H/AIRfwt/xLfCFj+4vtSt+PO9YIT3zn5m5znJyCPMBCf8AI7f8Uv4X/wCJb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5h/yO3/ABS/hf8A4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmL/yOx/4Rfwt/xLfCFj+4vtSt+PO9YIT3zn5m5znJyCPMP+R2P/CL+Fv+Jb4Qsf3F9qVvx53rBCe+c/M3Oc5OQR5gAn/I7f8AFL+F/wDiW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYv/ACOx/wCEX8Lf8S3whY/uL7UrfjzvWCE985+Zuc5ycgjzD/kdj/wi/hb/AIlvhCx/cX2pW/HnesEJ75z8zc5zk5BHmACf8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYv8AyOx/4Rfwt/xLfCFj+4vtSt+PO9YIT3zn5m5znJyCPMP+R2P/AAi/hb/iW+ELH9xfalb8ed6wQnvnPzNznOTkEeYAJx42z4X8Mf8AEt8IWP7m+1GD/lt6wQk9c5O5jnOSTkEeZ84/sO6Pq+q+CfiL4CsQ+meGNG8f63aT6hGSTPB5qssMLHO4ENksCRg88cP9H/8AI7H/AIRfwt/xLPCNj+5vdSt+PO9YYT3zn5n5znJyCPMwPD/jbSPi3r2vfD7wTK+n6D4WlSz1u8jiaPezqWWGBmHzhgDmQZzzk44kAN7/AJHb/il/C/8AxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP+R2/wCKX8L/APEt8I2P7m91G34871ghPfOfmbnOcnII8xf+R2P/AAi/hb/iW+ELH9xfalb8ed6wQnvnPzNznOTkEeYf8jsf+EX8Lf8AEt8IWP7i+1K34871ghPfOfmbnOcnII8wAT/kdv8Ail/C/wDxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP+R2/4pfwv/xLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMX/AJHY/wDCL+Fv+Jb4Qsf3F9qVvx53rBCe+c/M3Oc5OQR5h/yOx/4Rfwt/xLfCFj+4vtSt+PO9YIT3zn5m5znJyCPMAE/5Hb/il/C//Et8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/il/C//ABLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMX/kdj/wi/hb/iW+ELH9xfalb8ed6wQnvnPzNznOTkEeYf8AI7H/AIRfwt/xLfCFj+4vtSt+PO9YIT3zn5m5znJyCPMAE/5Hb/il/C//ABLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMX/kdj/wi/hf/iW+EbH9xe6jb/8ALb1ghPfOfmbnOcnII8w/5HY/8Iv4W/4lvhCx/cX2pW/HnesEJ75z8zc5zk5BHmH/ACO3/FL+Fv8AiW+ELH9zfalb/wDLb1ghPfOfmbnOcnII8wAyf2dP7JXxR8ao9D8r+y4vGUEUPk52fLoOjqSCevzBvm53Zzk5r2uvFP2dP7JXxR8ao9D8r+y4vGUEUPk52fLoOjqSCevzBvm53Zzk5r2ugQUUUUAFJS0lAHHZpd31phNLmu/ocXU/Lr/gpNZwap+03FFNcLaJH4ctW8x+VJHnMB9e3418PeJpIoSsPlRrujB+Q8cjjOf1r7S/4KVSef8AtNSxry6aBp4wPfzK+IfFFpLF5pkQpJC3lujfeU9/qOldC+BGa+MfrPhU2fwc8L+Jft9xJ/aHiDV9P+wE/uYfs9vpz+Yo/vP9rwfaJa4mu11bVtXm+DPhbSptL8nQbXXtWubTVM/8fFzLb6as8WO3lpDbN/23riq8uW56J+rX/BGtj/wq/wCJY4wNatDnPPMDj/P1r9Clavzs/wCCNMgb4e/FJccjVbEn/vzLX6IKa7I7I5JbklN70lIWpkklFMWT1o8ygB9G73ppbim7qAJoz+8T6ivgD9n/AFQXH7bfh2IuCkOg6uSxz3CH8Pwr78hb98nb5h/Ovzl/ZzkDftwaDGSpB0PWAQGPYAc1p/y6kL7aMz/gp54gjPjyztN27Ft0UgnJxjP4fzr4v8ceF7DQ/B/w91GyDrca74fl1G9LuWDSrqt/bBlHYeXbRfiCe9fXv/BT1bdviVbbLYB1tx8wHDfKOp718eeMv7ebwf4C/tnyRpn9hS/2KIvvG1/tS/3eZj+L7T9q/wCA7amPwofVmNZ4+xAs38WABX7xfA9i3wT+H5JU/wDEhsuV7/ulr8H9Kt/MtICynO4ZLfj/APWr92/gMwb4G/D0jp/YFn/6KGa1lpEi2p3e411Oh86bD+P8zXK7q6rQ/wDkGQ/j/M1x1nob0ty/RRRXIdIUUUUAFFFFABRRRQAUUUUAFI33T9KWkPQ0AfO/hnS9Z174wfGTwtbO2naHPr1nqd9exn946S6RYxeTHxgbjbuSf9o544fs/wDkdv8Ail/C/wDxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPM5KfRNV1n9pLx94etLn+z9G1DQtE1PUbiMjzXUyX8Hlp6Fvs/zHHQDPXa3W/8AI7f8Uv4X/wCJb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5gMP+R2/wCKX8L/APEt8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/il/C//Et8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/il/C//ABLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMP8Akdv+KX8L/wDEt8I2P7m91G34871ghPfOfmbnOcnII8wGH/I7f8Uv4X/4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/I7f8Uv4X/4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/ACO3/FL+F/8AiW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8jt/wAUv4X/AOJb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5gAf8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8jt/xS/hf/iW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYf8AI7f8Uv4X/wCJb4Rsf3N7qNvx53rBCe+c/M3Oc5OQR5i/8jsf+EX8L/8AEt8I2P7i91G3/wCW3rBCe+c/M3Oc5OQR5gAn/I7f8Uv4X/4lvhGx/c3uo2/HnesEJ75z8zc5zk5BHmH/ACO3/FL+F/8AiW+EbH9ze6jb8ed6wQnvnPzNznOTkEeYv/I7H/hF/C3/ABLfCFj+4vtSt+PO9YIT3zn5m5znJyCPMP8Akdj/AMIv4W/4lvhCx/cX2pW/HnesEJ75z8zc5zk5BHmAhP8Akdv+KX8L/wDEt8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/AIpfwv8A8S3wjY/ub3UbfjzvWCE985+Zuc5ycgjzF/5HY/8ACL+Fv+Jb4Qsf3F9qVvx53rBCe+c/M3Oc5OQR5h/yOx/4Rfwt/wAS3whY/uL7UrfjzvWCE985+Zuc5ycgjzABP+R2/wCKX8L/APEt8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/il/C//Et8I2P7m91G34871ghPfOfmbnOcnII8xf8Akdj/AMIv4W/4lvhGx/cX2pW/HnesMJ75z8zc5zk5BHmJn/hNj/wi/hfGmeEbH9xfajbn/XesMJ75z8zHrkk5BG8AP+R2/wCKX8L/APEt8I2P7m91G34871ghPfOfmbnOcnII8w/5Hb/il/C//Et8I2P7m91G34871ghPfOfmbnOcnII8w3f8Jp/xTHhf/iW+ELH9zfajBx53rBEe+c/M/Oc5OQR5gP8AitR/wi/hg/2b4Rsf3F9qNuMed6wwnvnOWfnOcnIOHAD/AJHb/il/C/8AxLfCNj+5vdRt+PO9YIT3zn5m5znJyCPMhvLxPE1pPoPhv/iWeDdLjZdQ1K3OPOCjLQwseuedznrnJyCN8Oqa1p+tQjw7pN9a+HfBdkpjvtUaZYlmCjLwwsx5HOWc9jk5B+fyr4w/tGfDdvA/ibwroPxC8K6JpGn6VcpIw1q2Se9cROVt7ZC+6QuwwTyWJ7g/OX7jPnXwRpf/AAi/jD9ke/YbH8QfDW6tN2MbyqpeED/v9n6GvqaviPVv2svhX4j1L9k+z0XXZFuvAOmvpWryXNnLBHAJdOitmVSy5fDw4+UEdDmvoxf2lPAt1gadPretuc7U0nw3qN1vwcHBjgI6++PevawdenTp2nJL5nm16c5SvFXPUKK82X4zXl1u+wfC/wCI9/wxU/8ACOPaBsHGB9paLr2/XirH/CYfEzUAzaZ8E/EAT5tr6trGl2uSOgKrcyMM/TtVzzXA0/irRXzMo4SvLaDOz13UH0nQ9Rvo4lmktbeSZY2OAxVSwGccZIr5u/aD8SN4y8G/s+a20C2z33xG0KZoVJIRj5+VBwM4NewXFh8bvEVvcWkXw+8KaRHMrR+ZqniySQlSnPyw2bYOT/e7fjXz78dfhR8UPAfhf4HaJquoeEYreL4h6NaabJZpdXMqXLGcxyT7vKDRgl8qoVj8uGFeRWzzCzrqEKqcWvx/4Y+gpYKEcvlzwtW51b/Db7tz7Boz/nr9elcrB8DfitdFWvvjDp9v0Jj0rwlGmPYNLcS5574qeL9mPWrpVOs/Gfx1eMoXK2CabYq2DyMR2m7Ge4YH3rGfFmWR2k38jzllOJfY6PkH3/z2/wDr15l8Z7WKbxF8JZZ7t7C3TxpaQT3EbBWWKe3ubZlyTwGEwBPTnJ9K7KH9kbwvIoXVPFfj7W0+XdHdeLb2JHIOTlYHjHJ9vpUq/sZ/BtsC68GJqvOf+JtqN3fZ+bdz50r559a8zEcX4OcHCNN6/wBdzqp5RVjJSbRveJPj78MpLj/hD7b4jeE/CXhqyXyr27uNbtrd58EgwQh5AWyc7m5yc544fhPHH7dnwI0+aLwjafEbTdE8MWy7Lu806C4u3nUdYoRDG5OSeWP3vm6j7/oOj/s2/CbQQv8AZ/wy8I2rL0kXRLbf1zyxTJ59T2HpXa6T4Z0fQVI0zSrHTgQQRaW6RZB6j5QK+elxNTXw03956iy+XWR84eLP28/h/qFpaeHfBmg+NtT8LIpS5n8O+HZnnnQAkxRrJswDkBmfqW57hm+I/wBrjxZ4i0S00LwR8APiJpugr+7nj1TTm02eSPqYwxV1UEE5bLFi3puz9R+vvyaK5JcTVH8NP8TRZeusj5M1b9oj42axaeFfC8vwai+EXhrWtVttBGo32rRaiEedtsaskbRSYYk7vl5PBbls/QGp/Dv4yXvhmPQbTxR4G0jTAvlsljoV4rtHzlNxvDwc5J6nvnJzyf7Ukgsfhnpusg4fRfFHh/UgfQR6ra7j/wB8lq+oQo9K+nyvGyx1F1JqzuediKKoTsjwfVvAfxom8Nw+H7DWPAdppeAkgsrC9tXMfePJml4OTlupzznJyav4L+M974bh0GxufAejaWoEckdmt6HePum49ASTk4JOeepz73tFG0fSvYOQ8E1fwX8Z73w3DoNjc+A9G0tQI5I7Nb0O8fdNx6AknJwSc89Tk1fwX8Z73w3DoNjc+A9G0tQI5I7Nb0O8fdNx6AknJwSc89Tn3vaPpRtH0oA8E1fwX8Z73w3DoNjc+A9G0tQI5I7Nb0O8fdNx6AknJwSc89Tk1bwX8Z7zw3DoNjc+A9G0pQI5I7Nb0O8fdNx6AknJwS2eepz73tH0o2gdBigDwHWvCvxrm8P23h/T7fwDZaQoEc/2W/vbZ3j7xjMEmN3JLEkndznnca14b+Nd94ettA0/SfAOiaSoCTx2ut3u+SPugY2fGcnJIJOec859+xRtHFAHgOteG/jZfeHrfQNO0nwDoulKAk0Vrrd7vkj7xhjZ8A5OSQSc855zx58afEbxb4s1n4R6FaeBdIv/AA/a29zqljb6pqAc2s+TGFmay2nd8248nJ5zls/Vu0eleC6B8J/Eej/tr+KfiELaIeENY8HWmnPceevmNfxXJIXy/vbRFzuPHOAeoAAzWvDfxrvvD1toGn6T4B0TSVASeO11u93yR90DGz4zk5JBJzznnJrXhv4133h630DT9J8A6LpKgJPFaa3e+ZJH3jDmz+XOTkkEnPOec+/bRxRtHFAHgGuaL8brjw/a+H9M8LeALHSFwk/2XxXfW8ksXeNc6ZJtz82WJbOee+5Nc0v43X/h+10HTfBXw/0LSEwlxFa+Nr4ySRd4w50j5c85Yg5zznnP0BgUbRQB8/65pfxuv/D9roOm+Cvh/oWkJhLiK18bXxkki7xhzpHy55yxBznnPOTXNL+N1/4ftdB03wV8P9C0hMJcRWvja+MkkXeMOdI+XPOWIOc855z9AbRRtFAHz/rml/G6/wDD9roOm+Cvh/oWkJhLiK18bXxkki7xhzpHy55yxBznnPOTXNL+N1/4ftdB0zwV8P8AQtITCXEVr42vjJJF3jDnSPlzzliDnPOec/QG0UbRQB5T8BPh/r3gdfG11r2m6Lo03iDXU1ODTdB1CW/gtoU02xs1UzS28DM7NaPIfk/jHLHJr1emhFHbmnUAFFFFABSUtIaAOKPNHPbBPof89KesZ7njrX5qfG79v34qX2qajD4QtYPCfh6NytrdQ2yXVy6bsK0ssgZUZhyFVcDoCSM16cIOasjgb5XqcF/wUvn2/tTX6A7d2g6aP/HZcf1/KvibX5JFkcM25j1Oc5+vrXpXxC+I3/Cx/Gzal458W6tNrLRRxT6hqEAunKjJUfuyuFGegFeceL4dMt5l/szXINYjbILRwSwsv/AXH9aqVoxs3sUk3K9jd13XtOuP2ffBeixXUTarZ+KNevLi1U/PHDNaaQkTn2ZreYfWM153Rk/0orzHqztP1N/4I05/4QX4qjHH9pafhu3+qm46V+iIYfT61+Cf7N3xa8b/AA9t9VtvCfiHVPDdtNPHcXFxYXohRmAIUSoQVcYz1Ffe37K/7bfjDxZ8WfD/AMP/ABZrOj+Mhrcj28VzZRxx3tmyxs/mStF+6dfl2lcbuc9iK9KNN8ilc45v37WPvfeaQyZFMGewzR/k1mRcXcPWnhvQZqPjtzTqAuS896Tb2HWmbsDivJP2mPjVd/A34fxaxYWdtd393dfZIWvWIhiIVmLMByegAGe/NVGLk7IG7Hr0JHmIcnGc+/1r81P2Ybm31r9t3SL2zuopLZdF1Jt8JEoO4dMg8dsZqq37VXxI8aaBqt3d/EeZb3DeVpmiJDp9nGuDy1wsTs30LgH1r4p8P+NpPB/iFL7SvFFza3HJE0IaKUA+pHIJJPHsDXRKk6cWn1JjJSd0fbf/AAUusWX4kWnDFWtgfTnaD3+hr5K8bavD4k8F+ALPT1Mk+g6DJp195ibVEzarf3I25PI8u5j/ABJHauY+K3xW8ReOrxbjUNZuNSWEbBNLLI5Pv8x9fT0rzmea/j5kkmTzED/f6g/jWHMoJJmqi5ano9qZltYlk2R7iSrFgF4r9yP2e7iG4+Afw4lgkWaFtAsysingjywOPXmv55WkkkUBnZgOQGYkV99fAb9qr4s/Dv4S+HLOw1K3/s/TbKO3tdL1C2guo5IQTtbcoR4OP77n1wOtOneu+WOgqi9mrs/V8kZxnNdXoP8AyC4Px/8AQjXy3+zX+1Pp3x8vtR0V4rGPxFptml7dLpVx9otkRn2bS/ID7iDgM2R6V9SaD/yCoPx/9CNc9eLhoyqLuaFFFFcZ1hRRRQAUUUUAFFFFABRRRQAUh6GlpKAPBPGGg6jrX7TQ022vTp2na14QjGoSR8SyRWt6/wC7X6/beewB5zna3T/8jsf+EX8L/wDEt8I2P7i91G3/AOW3rDCe+c/M3Oc5OQR5lP4zfBnxJ8QvE2ia54W8ZWnhG6s9NvtIvFvNHa/W7t7mW1kwNtxCY2U2o5ywIkYEVSb4I+Or7w//AGHc/FaXTNM8vyjB4e8P21r8v93dMZzzyW5yxJ7EggzY3f8ACcf8Uv4W/wCJb4Rsf3N9qNv/AMtu5ghPfOfmY5zkk5BG9f8AkdceF/C4/s3wjY/uL7UIOPO7mGE985+Zj13Z5Bw+XD+zfM2iro958VfHl7pqx+V9njm0+yUof4c2tnETznPOTk5JzU1r+yr4Kj04WFzf+Mb+x2mM2k3jLVkt2Q5JVoY7lI2BJJ5U9aALhb/hNP8Ail/C/wDxLPCVj+5vtRtx/rvWCE9yc5Zuc5ycg4fD1vx34b1AN4XsPEWk+FvCNgDFfajNexQecAMtDCXbng/M5zndk5BHmbNv+yd8IYYUhm8A6TqcK9I9WRr9eeuROz5yeTnqeTk10WifAv4b+Ggg0j4feFtKCY2ix0a2h24ORjagxg8/WgDxvV/2kPhXrF4PBmifEXwxpPh6yUJfTWmqwvNMp/5ZRKrliGycuR82e+QHfrHx68J655Hhbw5H4kg8KQJtu77Q/Cmq3rzJ3iiENs5wSfmdupJznOH+krWxtrKBYbeCOCFc7Y40Cquc5wB06n86l2igD5v1z4p32uW9p4a8LfDnx5a+F402XM8OhmzmmXqY4xdNHgHPLsfmJPXBD2Ne8TfEPXNNsfDvhz4OeIvD3h0LsuZL7VdJglkj5+RfLu5mVW/iLAsS3Ixnd9E7R6UbRQI+f9cs/jLrmg2ugaF4G8J+FNFAEc63fiyb7Q8R5KKIrBxn727L/MT94jdmxqXgb4ya34aj0Gz1LwL4O0sL5bpY2t7qDFO6bi8GQSST0LdCeTn3jaOKQqOeKAPD7j4P/EzUfDq6HN8TtH0fTNgjMPhzwobYlf7u6e8nOGyS3JLHPOCVPiXijwH8T7j4wan8KLL436zo/ha18LWerRxW+haaJJjNc3MMi+YkKMAPIUkc7vMOc5r7cxXzp46X+z/2yfD0rHauq+BL6Ef7TW2oWzAfgLpjXmZlUnSwtSpTdmkdFBKVVKR59B+yHfzaeLLUfjp8V5rMKY/suna7FY25Q5yCkUIzkk5wecnOc1IP2GfhveWsdrrl74w8TWqZ/wBH1XxTfNGc53cJIgyWO4+tfQvPXHPf1NJ0wSPYe/Ga/NJZnjJ/8vX8tD6H2FJdDwnSf2GPgPov+o+G2lzdCftkk11uI6FvNdtx579a7TR/2d/hX4f2nTfhr4SsnXGJIdEtlfjoS2zJPPUmuw8SeKNF8G6XLqev6xY6JpkRxJeajcpBEvsXcgds9a8m1D9tT4H6ecN8SNHum4+XT2e7PPtErf41Knjay0cpfewtRjvY9d0vQdM0SIxadp1nYRkbSlrAkSkZzjCgcVfxXzhe/t/fB2Nc2Gpa9rXC/NYeHL7HJx1kiQfr9M1z19/wUX8FpuXT/A/jjUH/AIWNla28Z5xyZLgEflWkcuxs9PZy/L8xOtRXVH1h/k0fiR+NfEepf8FJrldSFjp3wnvpZ2hadBqGuQW+VDAZPlpKB1B61k6l+398R7zf/Z3gHwzpqndt+2atc3RHpnZBGCM+hrojkmPl9j8V/mR9cor7R94MDtIBwTxn0r5O/ar0K/8AD2j/AACtdR1mfXrn/hb+hyNeXEaox3NcMFwuB8ucD2FeP337bHxs1DKRyeC9IXJwYNIuZnXjjJe6x/46PevD/jV8dfiZ4s/4Qn+1PGEkv2LxfY6hbeXYwKbe+TfsnQsp4AY4jbcvqDXoYXJ8Th8RDnsr3/I64OWIwWIq03pDlb76uyt+p+wRxznkf7X+elAGD06dc1+VN98VPifqg/0v4reLn4H/AB7XkVoOOmPJjSufvrjWtYUf2r4v8W6x0AOoeI72YcHI4MuP0rSPDdZ/FUX5nlvMI9EfrlcXMdnCZbiZIIl4aSRgoHQdSa5LWfjR8P8Aw6G/tbx34Z0wrkN9s1i3hxjg53OO9fkJoPgvQ9QvNYN/psOoT29+8YkvczsFIV1GXJJ4fvXS2vhfRrLBt9IsIMdPLtkX37CumPDMftVfw/4Jm8wfSJ+keqftjfBHR2dZfid4euWUEkWF2Lvp6eVuz17Vzl/+3z8F7VX+ya7qmruucrp/h/UHHAzwzQqvP1r4QjjWFVVFCKvQLwKd796648N4X7Un+H+Rk8wqdEfemg/t0/CTxJfLplhfeILjXXQyR6LD4W1Ka9dQBkiOOBsgE4z06/j03/DQE11uGm/Cj4oalgMR/wAUvJZ7sdMfami69v14r82bzxJceA9Q0bxjYSGDUvDV/b6nbzISp2xyKZEJH8Lxl0YdCrEGv3DXBwfXv61quHcGnu/6+RP16qfGfxtn+K/xk+F/iLwtoHwR8R6bPqMQS3vtc1bSbZIpEZXVjGl3I5AZR07d6+y42LqpwVyM4OCafsHpQFA6CvZwuDo4OLhRVkclSrKq7yHUUUV3GIUUUUAFFFFABRRRQAh6HtXJajqni2L4kaNp9lodnP4Nms5pdQ1eS7Ant7hSBFEkOPmVhklu2K609DXj/wAXvjdefDH4tfCDwrHpcF1p3jbU7vTrm8kkZXtWjt/Ni2KBhizcHPYUAew0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUh6GlpDQB5p4015/C/gzxDraBXOmaZdXoVuhMcLuAfxWvxS8GnVtWuri70rxbY+H7vAkZbu5a2D8Z44KnngZr9gv2gGEPwH+I0xbDR+Hb45B/6YMP61+E0+oFuFHl8hSozzz/APqr16OzPOmrs9q8VeDviF5N+11p/hLxpFj55oks7toz5gTPmKFcHeVHXBJxXzZ4i0u7sJ5EudPgs3V2DCNVUqQSCODxg8VtX99dxyyS75Yorh1bcjFfMT7S3XB5+YZ57gGuYu5mZQdzMWj3MXOSSZCTUSStqbQvdGceDSU+TG4/U0yvOktTrEwGxmvS/wBmrxld+Afj58PNaspTFJba5ZhmGP8AVtKqOvPYqzD8a81rX8HzNbeLtBlQ4ZL+2YH6SqacJuL3JaTR/SVcxiO4lXH3XI/I1DkfTFT3zj7dOOv7xs/nVaQjbnOa7FscjHqwal+U9DUO5RjtSs6qOtBCuPx15yPSvzz/AOCrniLULXVvh7pkdxNHpcmnX1zMsZ4MglRASPXGB+NfoJ5oXkfrX5zf8Fe5mil+GbRnb59vfwP7hZIW/nWsLxkmG+h8f/A+50zQvEUUsXjLVfCk7LM8t1buHQRxw+Yy7Rw5YnaAe4ru/ip4pub3R4r9/HVt4ikbRLbV3ivbWGWSNJnKLGcg4kUYLKOmRivnXQddvdKu5JrSUhmgnjCk5wJIijEZ7leM9a27jWhqFjqkl/HGwh8O29lbqygfMpUIVwPYnNat8xNrHM6/oN3a3l+p8iZLNUd5IJAylXxhlx1HPbp3rCeN42IdSGwCfyGK7vVtdhmutdNlvggk0uGzKzcl9qqGxj1KkiuU1FovtC7Rz9mj3f720ZrlqRv1OqEuhm1JNdSzqiySvIsY2qrsWVR6Adh7CkJ4Wmr26dPz5xXMrxd0zffdH2X/AMEsfHWraH+07YeHoJ9ml63Y3cd5BsGX8qFpUOfQMgNft1oBzpUB/wB7/wBCNfhj/wAEuLXz/wBrbR5dufs+kahN9P3O3P8A49X7leGW8zRbcn1b/wBCNXVbcbtmUUlI1aKKK5TYKKKKACiiigAooooAKKKKACiiigBNoo2j0paKAEwKMD0paKACiiigAooooAKKKKACiiigBD0NeQfGr4F6j8UvFnhTxJovjW88E6x4ftb+0iurOwguzLHdfZ94KzBlyPs6kfKetev0bRUSjGceWSumNNrVHz+37KuqahubV/jd8SLuR9wZbOfTrFMkdQILNSDj/aqZf2N/BV0W/tjxD4/19GYsY77xtqaR9MAbYp0A/AfWvetopNo7VjHDUIfDBL5FupN/aPxd+PHgXwxZ/tHePLXS9HFrpHh+9j0mwtbqaa52lIImllLTO5LM8hxzwqrjGTnHVQqhQMKOAB0Fej/tTaf/AGT+1t8W7dV2xzXthex47+Zp1tuP/fSN+tec1uoqPwqxLk3uwwCcnrR/k0UVWvcnQwdQ/c+NNGfoJLS6hOP7xaFx+iGt7371g+IP3eteGpv+nySI/wDAreU/zVa3qBh0GOo9K4L4pqqt4R2/e/4SSzJwef4+td7XB/FRVVvCJGAx8R2Wf/H6zkleLsmdVGX7uortXXTZ+vkjvM0c8d/SiitDkMHQ/wB14i8SRjo88M//AH1Aif8AtOt6sG0/c+ONTXtNYWzD6q84J/Va3qACiiigDF8bWovPBuuwH/lpYzKPr5Zwa/bD4a61/wAJL8OvCurltxv9KtLonOc74Uf+tfjHeW4u7OeBvuyRsh/EYr9X/wBjzV/7c/ZV+Ed0Tlx4X0+B/wDejgSNv1Q0AexUUUUAFFFFABRRRQAUUUUAFFFFACV5f8XPgfafFrxN8OdauNUm0yfwXrya5AsMQf7QQhQxMT90MG5IyeK9QrkPiR4P1Pxto9jZ6V4p1DwncW9/BeteacqM80cbZeBww5Rxwcc0AddnpTqjRgcEHP0Oc1JQAUUUUAFFFFABRRRQAUUUUAFFFFABSN0NLSN0oA8H+P8Aps+ufAb4j2FqnmXU/h6+SNR/EwhZsfkK/CaBmtJhONuzK70cAgoWU8iv6D5AskckTRrIjKUaNhkMpGCCO4IJH41+a/7S3/BOXX7XWr/xD8KUXWNNumaRvDc0giubck/dgdsCVOpAJDD34r16W1jzZS1Pz31eaR5mzmMKcBF4QfvmPA+uaxWkCqwI3Hy9qn0+bNek+OPg34/8HXVxHrvgXxDpLITu+1adLt65J3gbSM56GvNrqF7WV4542t5R/wAs5VKH9aVRM3psgbBXPfJpnHpQXXPDL+YNIZFA+8v5158kdV0H6Vs+C7Z7zxl4ft41zJLqNtGqjkkmVQAKy7azub1sW1tPcMeAIomb+Qr0r4S/D7xQPFmnapD4e1B/ssglhZrdgA44VuR2PNOnSnOSSRE5xim7n7Y6l+0b4Yk1C72XExAmYBjGcdSPSmr8efD0jbVuWYH/AGG4/Svgjw/4E8d3iKG0+8VcA/OpBr0fRfhl4zkEcbwMBxks5yK9/wCrRseI67PrQ/HDw82B9swfcU//AIXNochVReKpbpkivnXT/g34hkYea5A7jrXR2fwXugFeVmO0cEjkUfV4dyPrEuh7V/wtvRmYZvY89PvV8Lf8FVtah8RaL8MtQtJPNSG41C2k4PysVhcfoD+VfTtp8JRFx5ZkGM4K964746/s123xc8ASeH5Ua3mjlW6tbpfmaGVcgMFPBBDEEf1AIr6tFxtF6hHFNSvM/JfQYkmm+Yf8spMADJOAcVfvrVfsUrq3yLZw8HvnOMfSvW/GX7I3xM+GN27t4dudasAGAutLjaXCnuyAZBx9a86hlstOuLyz161urGOS0NsP3H7xHXOw7SAcZxnFYSoygrSR2RqQqO8Xc429YxvcADqFGR071nzMTI/0ANbOqvZzaheLYh3tXwIy/Xgck4NZl15bFNisG2Yfg4zXFODR2waKvUYp8k0kkaIWyEBCj6nNNPXBpu4bsZ59O9cbTOnQ+s/+CZOsQ6H+0tLezyrFDH4fv9zt0GTGB/T86/b34carDrXg6wvIJBLFIZMOvQ4kdf5ivwj/AGVY4vC/9o6tGrz6rfwi2CrHlYIA6uTnPLMQoP8AdA96/ab9lG4luvgH4XlmQpK32okMD/z9S1pVjy0lc5oyTqaM9dooorjOkKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKSlooA/LP8Abu0/+y/2utZbAH9peG9MvQR32yXUB/8ARQ/SvEK+lv8AgpFpotf2ivBuodDf+FZrfPr5F4G/9uf1r5poAKKKKAMHxcQkOlz9PK1K2P8A32/l/wDs9b3tWD44+Xw1cS9PIlguB/2zmR/6VvYx2xT1AK4D4pf8fnhU44OvWWD/AMCau/rhPiqRu8HLt5/4SGzIOOMZf+tc9WCk462s7nrYDFSwyrRjHmU4SXptqd3RR9OtIzrGpZiAq9STj+dbnkmFP+58dWXpPps4z7pLD/8AHD+Vb1cnrmuabZ+JdEnk1C0RIxcRSs0yhUBQNlueBlB+Jq2fiF4bMnlxazaXMmPu2snnE/gmadmK6Ohoqnol9d+Kr65svDvh7xJ4jvbYK09vpGgXt08SsGKlgkRwDtODnnB9K7XTfgz8WNY2/Y/hF40bccD7Xp6WnGM5PnSIPrkij1Gct0r9Lf8AgnnfPffsgeAC53eT/aFqp9Vi1C5iUj2wgr4u8K/sU/HfxtfRWd34UtfAFhNt83WNb1O2uWhQ/eaOC2dy7gZwrlBnAJFfpd8Jvhro/wAHfhx4d8FaEsn9l6NarbRSS8vKeryuR1d3ZnPbLGkB2NFFFACHODjg00NnvTbm4jtbeWeV1iijQu7t0VQMkn2r8/tS/acTxT8JdH+K9p8So4PHOqeK7EaN4KstdVBDpb6lHbizksVc+fJJbb5pHkRnVnOwoqAUAfoNRTN+5hzjnpT6ACiiigAooooAK8G/bo8UeIvBP7KPxC17wnq1xomv6baQ3FtfWpxJFtuIi+CfVN4PsTXvNYnjTw3ofi7wnq2jeJbW3vfD95bvFfW922Inhx8wc5GFwOeaAJ/DOqDXfDul6kGDC8tYrjcDkHegb+talZfh2PTodC06PR2gk0mO3jjs2tpA8XkhQE2MDyMAYIrUoAKKKKACiiigAooooAKKKKACiiigApDS0UAcedAvef3Gf+BL/jUMnh2+Zf8Aj2DHPUuv+Ndrig9DW6rSRj7KLOL/AOEf1NVwsTr9JR/jWVffDmHVmc6joOn35Ycm6t4ZSf8AvoGqzftTfBeO4a2f4u+A0uFbyzE3iWy3bs4xt83Oc9q9JtLyDULWG5tZo7m3mUSRzROGR1PIZSM5BHIIp+3mT7GJ5C3wB8LSMzN8P/DZY+ul2pP1ztqOP9n3wvGwZfAnh9T32abar/IV7Bqmp2ui6bdahfXMdnY2sTTz3M7hY4o1GWZmPQAAnNct8P8A4u+GfideavaaBd3j3mkvGl9Z6jpl1p9xEJFLRv5VzFGxRwCVcAq2DgnFV9YmP2K7nKx/BfSoSPJ8K6XCo6CK3hT+VXrb4ZRW5+TQ7WP02rGP616hRto+s1Nifq8Op5+vgd0AA06Mf8CX/GnN4Nn3DFjGB/vL/jXfYFFL6xU7j9hDscEvhG6Xj7GhH+8v+NSDwrdbcCzUD/eX/Gu520baPrE+4exicMfCdy2R9kX/AL6X/GoH8G3W0AWfyjtvXH869BpNoo+sVO5Lw9N9DzpvBl6RgWhx/wBdFx/OsTWvgnpniSMrqvhnTdSU9ruCGX/0LNewVnav4g0zw+lo+p6laacl3cx2du13OkQmnc4jiQsfmdj0UcntVrF1V1J+q0ux83ax+wv8KtcLNe/CzQJGbq0MKQt+aMK5yf8A4Jt/BW6Uhvhjaxk949QmU/pLX11qWp2ui6bdahfXMdnZWsTTz3EzhEijUZZmY4AAAJJNct8P/i94Y+J11q9poV3dve6S0SX1nqGm3Wnzw+YpaNjFcRRuUdQSrgFWwcGpeJm9zRUUtmfNUP8AwTW+C9uRs+Glu3/XXUZmz+clbel/sD/CrRZt9n8M9HjbszkSH/x5jX1dijaKPrElskHsF3Z4Ro37NXhrQV22PhOxtR/0z2V6/wCFNHTw/odtYRwrbpDuxGuMDLk9vrWzSYrOpWlUVpFQpRg7oWiiisTYKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKQ9KWkoA+Vf28/2ddf8AjN4a8OeI/B1umo+KfCss5TS2cRtf2s4QTxK7EKsgMUbruODsZcjdmvz8/wCET8bi6e0/4Vl4++3oCz2g8KX7uo4GTtiIxk4yCR74r9rNi+maXaPSgD8crH4I/FzVlLWXwi8YP1x9rtIrTp3PnSp/npxVC1+EfxUuvFmu+Gv+EC+xavojQrfQX+s2o8rzYxLEcxNIG3KR90kDocHiv2cK18eeNZ7fw3+1r8QorqeO2i1Pw3oeoxmRggO2S/gY9ef9UtdOHjGpUUZ7GVWUoxuj5Bvf2R/iz4m0u6srmPwppNtcxtA5k1W4llUFCCVxbBc/U4HvXSWf7G/xAutv23xr4d05TgsbXSZ7lhx23TJnkflzX0nqXxl+H+jZ+3+OfDdjxn/SNXt4+D0+83rXPD9qD4WTTmK18aWGqSZGU0pZLw8nAGIlbJyD+HNet9Ww0dzh9tV7HlFl+xDqHyi/+J94x+XP2HR7eA5743tJXl/7Qn7M/hzwDqvwnsn8T+JtZute8Z6dYSreTQJGkDMRK0flQoUcF0wSTjJr6yh+OWl6ko/sbwx468QBgCDpvgzVHTk4+80Crj3zj3rwz9qzxB4j8Ra18FL2L4aeMdP+zeP9NW1/tmzhshfTNIxjt4zJKCJH8s4LhVAGWZeM41o4eMPcsdOHdRylz9meiWv7FfwujUC9sdZ1c/8AT5r96RnOSdqyqPwxityx/ZP+ENhtK+ANIuSucG+ja6PJz/y1LV1sVv8AG3UM/Zvgt9iODj+2PFVjFyDgZ8jz+vX29+lXo/hv+0JqWWTQ/h3oandhLrXr28kHpkJZxqee+78K39thI7W+45fZ13uZumfBzwDouDp/gfw3YEZx9m0i3jxk5/hQd66q1s7exiEVvBHbxDokSBQPwFVo/gD8cNSyt14/8DaImeGsfDN3ePjHcveoOTz07DntV63/AGU/H07L/aHxz1JBu5/sjw1YQZGOg85Zu/OfwpfXaMen4D+r1ZdSh8AJv7N/as+IFpnP9q+EtIvGz1LQXd9Ef0mX86+qsCvFvhD+zHp3wo8cXPi6Txl4p8W67caYNJZ9emtTFHD5qy/JHBbxYO5eCSTgkV7TXi1pKpNyR6EIuMUmG0enNAUDoKKbk+tZFj6Kj3HIxyKUttBJICgEkk9KAMvxhor+JPCWt6RFKIZL+xntVkboheNlBP0zXyr8Nfg34l8VeBfgd4H1zwbJ4P0rwEdPvvEd1dNAf7SvtPh8u2ig8t2MiNNidpGwu1FUZLMF+jde+NHw/wDCgY65468N6MFGWOoavbwY43c73HYg/Q1zZ/al+Fk5A0/xfba8e3/CPwT6mG91NskgI75HbJoA5rx0mreHv2sPhVdf8JFqs+ka5aa1ZSaPJKFsoWjt4JoisaKAWHlzHe5ZvnIBA4r3sE55/LFfO/ijxR8P/iB4m03Xp/hp498UavppY2E83hvUrIWzMu1jGLsQIhYHBYYz1PAzXYr8WvG1/hdM+DHiaJT92XWNS0q1jP4R3csg/FM9OOpAB6zRXk6+JfjRqQzb+BvBukxf89L/AMVXM8o+sUdht/8AInYjHINH9k/G3Usb/FvgXQ0PWO38N3d9J/wGRr6JRj1KHOcYGOQD1ek3dc8V5T/wq/4g6iD/AGh8Z9atM9f7B0TTLcfQfaILggde+eBz1yL+z7Bd/wDIW8feP9WBxuH/AAkUthntj/QhBjjjjB79eaAPVdxxnp+FfK0f/BQH4F+LPGHjL4X+MtVbwpqVjfXvh++tfEkXk2d2EkeCQrcKSgRgD98oefxr1U/su/DWYH+0NCutePc+INYvdTLe7faZpM8889+etfP+m/8ABNT4eeCfHnjn4k23h2w8Xa/PNPfeGfCdxClpo9hJt/cxNEDtcb+pb5VB4TKgkA+nfhP4h8CXWj3HhrwFe6dPpvhZodLe002TfFaAwRyxIpydy+XIhDAkdRnIIHdV+Zv/AATz+Cfx6+EX7SXxE1PxUmn3+i3982n+LXj1FWdb9raK/huETA34W8VTjoJnGPlr7q8e/HDTfBfii08K2Gjax4y8X3Fq2oHQfD6QNcQWittNxM88sUUSFvlXe4ZzkIGwcAHpFFecfCX46+H/AI1vq8vheC/udL05bXOqyxIttPLNAk5hjO8sXjSSPzMqApkABJDY9EVj0PX0oAfRRRQAUUUUAFFFFABRRRQAUUUUAFI33TS0jfdNAHyPoN147tfj7+0hb+D/AAb4Y8VWVxd6WLiHXtdlsN7nSIR5YiWzmSRWHXc6dcHrmuP/AGefiy3wf/Zt8MeEPCWm6l4g8cz+LNS8MTaPPa20X9k6kouLu4hWB7yOJoYlQhE+1JvBBDAnbXuWm/sv3ujeJPFWvaZ8ZPH9jqPieeO41OWGPRW81o4hDHt3aadgWNVUbCDxk5PNQah+xP8ADTUPg6nw6MGrQ2kepHXF12HUX/tcaoTuN/8AaTkmckk5I28424AFAHkX7Sfiz4xeIv2O/iK/i3QbLwLqFncQQGa4tYpTq1i8sQ3Rw2+oTi0fexUhpZwVU4xv+T2Cb4gfEPUfHP8AwrXQtX8Kp4v0jQ4tc1fXb7Qro2UqzzTRQQQ2i3gdDiEl3ad9uBhW3YSvqX7HOjav8I774f3XxB8fXlrqU6S6prmpatDqGqagqNujhea5glCRqwVgsSx4IP8Aefd0msfs7waprGj+IYfHHijSfG9hp76XN4ssBp6XuoWjP5ghuImtGtnCtypWFWXsRubIB5X4b/ar+IXjrUvhpp2l+GfDuj3XiO81vQ9Ue9uprkWWp6cswfy1QIHgLRBg2/cQ23C431Nqn7QHxu1LVdW0fwd8PbPxJrPhN7bT9eWzFqbG+1BrSC4ljgnuNStpbWMedhXa2uCRgkZBWvRm/Zh0O38QeANT0jxHr+gw+DZri5s7Cya0khuprhnN1LcvNbySyNMJHDkOv3iy7W+asr4hfsb+EfHnxTl8f2/iPxl4M1u9SKLV08I69LpkOspFgRrdBBuYBfl+RkOD1zzQB7jp91PdWdtNcWzWU8kavJbSMrNExAJQspIJB4yDg9jirdVNP0+30uytrO0iWG1t41iiiXoiKu1VHsABVugAooooAKKKKACviX9tW+h+Jutaz4ftofEkt54H00arpEmh+HNT1GI+IjsmthJNa28iRmKFFyHYAi+Bx8mR9st909uK89+GHwjPwx03X7VPF/iDxHPrV/LqM19rX2N54ppAAShit4wVAChVcOFCqq4VQtAHgv7VfxF1H4ofsD3PjTwvqdlptnrOl2N3eJdWbzs8UskSvCjLNH5bq77WYhwQrLtBO5dM33xQ039rLw9Y6z408O3em2Pgq51G5t7XwxcQRtF9sgWcRA37MszBIwHZnVQp/dncTWrbfsQ6PbfB7VfhjH8SfHP/AAiepXxvpbctpW5C0rTvHGfsGI42lYSFVAwVAUqpYN6HH8CLN/GvhrxZfeKvEWo69o+my6PPdyvaxDVbV5km8u5SKBE+V40x5IiyAQ24EggHl3wz+P8A8aPideeHfEOk/DBZfAXiK1+12019LZWn2KKSEvBM9zHqM8k6M20MosonUOTglNrdd+zT8UPiP8YfDWieLPENj4Z07QLyDUILi0083Bu47yC9aGNkdiUaFo0kzkKwZVIHzlUyvAP7EfhD4Y+JrrUfDXivxxpuktJLc2PhUa60mi6bcOd32iCzZSjOrneolEihsHbkDHpHwT+Edt8D/BEXhax1/WPEFhHdTXMM2tfZvNi81y7opghiBUyM7DcpOXIzt2gAHoVFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFJS0UAJmuD8bfAX4b/ABM1621rxf4F8PeKdUtoPs0NzrOmxXbJFuZgn7xSNoLsQOxY13mKWj0A43Q/gx8P/DJU6P4G8N6SV5X7DpFvDjjHG1B2rrILeG1jSKGJIo0AVURQAoHQAdgKmoo1Aay8V8pft/Myxfs7mJVeVfjH4dKKxwCf9JwCe1fV9Y3ivwbonjjSX0zXtNg1SxZt4inXO1sEB1I5VgCcMpBGTzzQBb1DVLPSbfz7+6gsoAcebcSrGvTPUkDoD+Rrg9W/aQ+E+gzCDUfiZ4Rtbk/dt5NctvObHXam/c3UdBWbafsifA6zjKL8IPA8uTuL3Ph+1mck9cs6E/rU/wDwyf8ABH/ojngH/wAJiy/+NUAR/wDDTngCYAafda5r3cf2F4Z1PUlP/Are2cY9+nIPQig/Hie8/wCQT8MPH+semdKhsM/+Bs8GPTnHr05qT/hk/wCCH/RHPAGP+xXsf/jVH/DJ/wAEP+iOeAP/AAl7H/41QAz/AIWR8Sr/AJsPhBcWfcDX/EVnbn8fsxucH6Z59etH9ofHDUBj+xfAHh/P8R1a+1Tb2zj7LbZ9cZHpkdaf/wAMn/BH/ojngA/9yxY//GqT/hk74If9Ec8Af+ExZf8AxqgBv/CKfGPUSPtnxG8MadG38GkeEpBIvfG+e+lBPTnYOCeAcENPwb8VX6j+1PjN4zmHeGwtdKtI84IyCll5gOCR/rP15qX/AIZP+CPT/hTngH/wmLL/AONUf8Mn/BD/AKI38P8A/wAJex/+NUAM/wCGcfD11zqviLxzrJzki48Y6nCjf70cE8cbDgcFT09zly/ssfCORg194A0XXHBzv12D+0mz65uC5z79eT6ml/4ZO+CH/RG/h/8A+EvY/wDxqj/hk/4If9Eb+H//AIS9j/8AGqAOv0D4aeD/AAoUOieFdE0cqcqdP0+GAg53cbFHfn610nHpXln/AAyf8EP+iN/D/wD8Jex/+NUf8Mn/AAQ/6I38P/8Awl7H/wCNUAep8UbV9K8s/wCGT/gh/wBEb+H/AP4S9j/8ao/4ZP8Agh/0Rv4f/wDhL2P/AMaoA9TwPSl4ryv/AIZP+CH/AERv4f8A/hL2P/xqj/hk/wCCH/RG/h//AOEvY/8AxqgD1Tik4ryz/hk/4If9Eb+H/wD4S9j/APGqP+GT/gh/0Rv4f/8AhL2P/wAaoA9UzXzx8f8A9qH4T+A/Gh+D/wASdXufDR8UaG0serPmO18uZ5oCvnqcwyAxs29gFGQdwNdmf2T/AII/9Eb8Af8AhL2P/wAarwD4w/8ABLn4Y/GD4waR4lMFl4N8IWGmR2s3hvwnpsGni9uFllcyySRgAAq6KcLuIX7wwKAPB/8AgnD+zT4y0z9pTx54h8U+I9R1rw/4Puja2N0t9JLa6zdyxL5N0PnKyKLQxuMk482HB+Wvrz/hCfiN4d+PXxb1nRNEiuh4w0/TItE8UXM8DWelC3gkjeKeEyCdyJGMqrHGUcuA0icsvsXwx+FXhP4M+ErTwx4L0K18P6HbksltaqfmY4y7sxLO5wMsxJOBzXW7RzxQB86fAb4c+IvAv7KOk+EJ9Mu/hnq2laUFuJrGezmupLoIXuZhtWaJRJLuZWJZ9rZIjbgd7+zFrF/4h/Zx+Fuqapez6nqV74Y024uby6lMks8j20bNI7MSWYkkkk55rsvGngvTPH3hu70LVzfrp10Asw03UrmwlZc52+dbyRyAHGCA2CCQcgkVnfDH4V+Hfg/4Xh8O+Fob610aAjyLW+1W7v8AyFCKgSNrmWRkQKoARSFHOAMnIB11FFFABRRRQAUUUUAFFFFABRRRQAUh6GlpD0NAHO+FfHWkeNLvxDb6VcfazoeotpV26kMn2hYo5HVSCc7fNVSDghgwxxW/3/lX55XOh6X4B8I/tFf8IL4cXSfGmn+NQ19H4U0e3XWo/D5ksJZ0gDRFdjxGVkRgY3w5w2Go8C6f8KvFnwg+IE3wn8e+KtS0jUm0yDUPt/hOC10G2uBexARSWdrZWccnmBytyYt58kMXJwmQD7t8ZeOdI8A2enXOr3HkDUNRtdJtV3DfNcXEqxRqoJGeW3HuFVj2p+lt4m/4S7XP7S/sn/hGTHb/ANk/ZfN+278N9o8/d8mN2zZs5xuz2r4C1q28K+MPg5o+oeKfCfg9tI0P4n6NBearo0i6l4ZNoyWsErWMkkeIbTCRxSRH5EZCpOBtFH9oDxB8PbGH9pnTbTxHY6TFHpnhhtL02LWWs9jxo6+RHB5i7UVWXNvt2jIymcUAfpRuznByenWjdkjH418NeIPGngPw5+0f4zsPBfjzw94VHiH4Uz3surWGopJvvlLSwXsgRyZ5ktmabed0jRAtuI5qT9itfC/iT4qQan4cn0fw7Dp/ha1hvvD2heM7a8GpaoGKz6jJa2N06Sgo6qZrpBKzsrFVIBoA+5No9KWiigAooooAKKKKAENc74T8daR4yu/ENvpM4ujoeotpV3IhDILhYo5HVWBOdvmqpBwQwYEcV0R6GvzvudD0vwD4R/aK/wCEF8OLpPjTT/Goa+j8KaPbrrUfh8yWEs6QBoiux4jKyIwMb4c4bDUAfob7evTNYHjTx1pHgGz0651e4EI1DUrXSbVcrvluLiVYo0UEjPLbj6KrHHFfCPgXT/hV4s+EHxAm+E/j3xVqWkak2mQah9v8JwWug21wL2ICKSztbKzjk8wOVuTFvPkhi5OEzS1q28K+MPg5o+oeKfCfg9tI0P4n6NBearo0i6l4ZNoyWsErWMkkeIbTCRxSRH5EZCpOBtAB9+6X/wAJN/wluuDUv7J/4RjZb/2T9l837YX2t9o+0bvkxnZs2dt2e1bu4duT0/GvzX/aA8QfD2xh/aZ0208R2OkxR6Z4YbS9Ni1lrPY8aOvkRweYu1FVlzb7doyMpnFeh+IPGngPw5+0f4zsPBfjzw94VHiH4Uz3surWGopJvvlLSwXsgRyZ5ktmabed0jRAtuI5oA+5txJGPxp9fDX7Fa+F/EnxUg1Pw5Po/h2HT/C1rDfeHtC8Z214NS1QMVn1GS1sbp0lBR1UzXSCVnZWKqQDX3LQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFACU3caJpUgheSR1jjRSzMxwAB1JPavBfAeta1+0B4X1nx7a+KNW8NeG72O5tvC9vo7RLJ9mRmT+0JPMSRXklKsUV1KRxlDt8wlgAe8hj0zmlDHPWvkn9g/4+aXffsyfDn/AIWB8RbGfxlrs2oC3HiLWo/t+oEahPGgjWV98mMKgC5xgAdgPVfjl4s1L4LQ/wDCy4r+6uvC9i8MPiPRZSZI0tGkVDe2+eY5IdwZlB2PGJMrv2sAD2SioLe6jvIIp4JFlglUOkkZBVlIyCD3B659KnoAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACkxS0UAJtApaKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigBoQA5A5pdo9KWigBNoHak2jsMfSnUUAc54/8My+NvA+ueH7bU5NHk1OyltBfQxLI0IdSu4K3B4J/wDrda8y+Dv7MujfDPXoNcutE8AW+t2qtFa3ngrwamgNsdNriY/aJ2kz2AZV5JKkhSvt20YOBzWL4m8X6P4Ls7a51nUIbFLm4S0t1fJe4nf7kUaDLSOcE7VBOATjgmgDcoqMOeOCPqKyL7xhpOl+ItN0K8vo7XVdSSR7K3mBT7VsBLrGxG13VQWKKdwUFsYGaANuimKTwM0+gAooooAKaEAOQOadRQAm0elG0DtS0UAN2jsMfSue8f8AhmXxt4H1zw/banJo8mp2UtoL6GJZGhDqV3BW4PBP/wBbrXR0m0elAHiHwd/Zl0b4Z69Brl1ongC31u1VorW88FeDU0BtjptcTH7RO0mewDKvJJUkKV9wpAoHSloAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDz39oj7b/woH4l/wBnbvt//CNal9n2D5vM+yybce+cVyf7J623/DH3wv8Ase0Q/wDCIWP3Om/7Mu//AMf3dO9e1TQpcQyRSoskbqVZHGVYEYII9K8e+Cfg69+CqyfDVtPuL3wfFNcT+HtVjUSRQWsjtIbC4HVGiLMqMRseMIMhwQQD5V/Zz8KeFNT/AOCS+sHX9P08WE2j69d3E00SA+fHc3Xkzbsf6xCse1uSCq47V7Pqkmryf8E1tRk8bl31pvhtMb5rwnzDL9gbb5hPO/O3JP8AFmvTtP8A2U/hXpOqT3ll4US1gnuhfS6PDe3K6TJcDBEzacJPspkBVSHMWQQDnIzVb44+GdU+MkY+GkOn3Nt4XvzDL4j1qZAkT2auHNlb5O6SWbaFZgNkaM+WD7VIBq/sxLeD9m/4VjUN/wBu/wCEX0zzvM+9u+yx5z716dVe1t4rO3ht4ESKCJRHHHGAFRQMBQB0AAqxQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAh6Gvnb4J+Iv+FyftBfFXxRdx+bYeCdR/4Q3Qo2IKW8iRpJfzKMcSSO8abv7kSju2fomvmT9k/S5/AnxZ/aF8H3w8u9m8YN4st8n/XWeoQqyOv+yHhlT6oc+tAHZeIPjxrupeIPFukfDfwfa+NJfCX7vWZr7V206I3Rj837JbbbeYzThChIYIgMiLv3bgsEOt6T+1x+zGuuaRBe6RJrNjJdaa11GEvNL1CFmEcgx92SKePIIPO30OK8T0XxV4+/Y/8Ajf8AE+yvvhZ4u+Ivw/8AHGuyeJdK1bwTY/2hcWtzMqJNBcRll2LlFwWYABRjO47fp+38e3+nfCrVfGPizTD4XW1tbrUX0+8kTzbS2jVmQTsjOnmbFDMFYqpJUE7dxAMb9lv4vSfHj4B+C/HFzCsF/qdli9iXGFuY3aKYDHQeZGxHsa9XrwD9g7wDqfw1/ZN+Hui61A1pqb2suoTW0n3oTczyXIRh2IWUZB5zmvf6ACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigApNooooAWk2iiigAxS0UUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAJXF+MPh3F4g8Q6X4j06/l0LxPpamKLUYI1kWe2Zg0ltcRnAkiYqDjIZWAZWU5yUUAdgo6dPyxXG+PfhvF8SrzTLXWNQlfwvbSfaLnQY4wI9RlRwYxcOclolYBvKXaGIG8suUJRQB22MUtFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAf/9k=)

**Figure xx.** Out-of-plane displacement in single bold and double bolt joints. (a) Out-of-plane displacement in double bolt joint, (b) Out-of-plane displacement in single bolt joint, and (c) photograph of bolt before and after testing.

**3.1.4. Comparison of damage morphologies obtained from failed specimens**

The final damage state of all configurations is shown in Figure 5. In on-axis configurations, none of the samples experienced a catastrophic failure. The thermoplastic 3D-FRC joints, showed reduced damage severity and hole elongation due to plastic deformation at the hole front tip, whereas, the thermoset 3D-FRC showed higher hole elongation and damage severity at the hole front tip. The plastic deformation at the hole front tip reduces the stress concentration and produces a progressive plastic kinking phenomenon (combined plastic deformation and kinking), which reduces damage severity and improves the overall bearing performance of the thermoplastic 3D-FRC bolted joint. On the contrary, matrix micro-cracking at the hole front tip, initiates fibre kinking, breakage, and progressive crushing of yarns, resulting in higher damages in thermoset 3D-FRC. The thermoset fill-loaded samples show evidence of shear-out cracking on the surface of the specimen, i.e., fill yarn debonding extends along the shear-out planes. In contrast, the thermoset warp-loaded samples show fill yarn distortion and transverse cracking patterns on the surface due to net tension. These observations were also reported by Warren et al. 20, for carbon/epoxy 3D-FRC under the SBSS lap joint. It is concluded that the thermoplastic 3D-FRC bolted joint shows progressive bearing failure, which is recommended for superior joint performance, in comparison, the thermoset 3D-FRC undergoes net tension and shear-out failure, which are highly undesirable, as they may cause sudden failure of the bolted joint.

The off-axis thermoset DBSS lap joint sample showed catastrophic failure at the bolt-2 hole, due to net-tension failure, whereas, in the thermoset SBSS lap joint sample, typical bearing failure was observed. The net tension failure in off-axis thermoset DBSS lap joint samples is due to the combined effects of yarn re-orientation and secondary bending, which resulted in progressive matrix cracking and yarn debonding along the orientation of yarns. Thus, the specimen failed catastrophically in the form of yarn pull-through. This highlights that the yarns that pass through the net section play a vital role in the bearing performance of off-axis bolted joints. The discontinuity in the load transfer path, elucidates the reason behind the lower performance of off-axis single and double-bolted joints. It is important to note that no significant damage was observed at the bolt-1 hole, due to less localized bending and yarn re-orientation between the two bolts.

Timeline

Description automatically generated

**Figure 5.** Ultimate failure patterns of SBSS and DBSS lap joint at 20% load drop.

ASTM D3878 defines damage tolerance as “a measure of the relationship between damage size and the type and level of performance parameters, such as stiffness or strength, at which the structure or structural material can operate for a specific condition” 45. The resin-infused thermoplastic 3D-FRC bolted joints provide unique resistance to damage growth due to the progressive plastic kinking, which limits the damage within the localized region around the bolt-hole, resulting in a higher bearing strength (see Fig. 3(a)-(b)). This damage containment indicates the higher damage tolerance of resin-infused thermoplastic 3D-FRC bolted-joints, i.e., they have the ability to operate safely at higher bearing loads.

**3.1.5. Interrupted testing of SBSS and DBSS lap joint.**

To understand the damage initiation and propagation in on-axis SBSS and DBSS lap joints, interrupted tests were conducted. The tests were terminated when the load reached 90% of the ultimate bearing load, indicated by point , i.e., the nonlinear segment in the load/displacement curves (see Fig. 2(a)-(b) and (d)-(e)). The aim of the interrupted test is to identify the damage progression in bolted joints by investigating the bearing plane cross-sections before and after the ultimate bearing load. The final bearing load and elongation of SBSS and DBSS lap joints obtained from interrupted tests are summarized in Table 5. A detailed discussion of the damage state obtained from the interrupted tests is presented in the following section.

**Table 5** Interrupted test configurations and nomenclature for on-axis SBSS and DBSS lap joints.

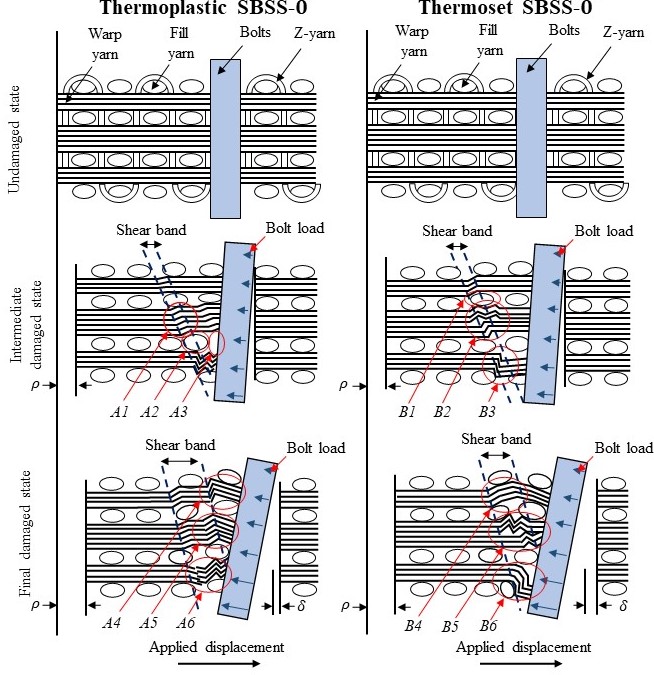
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Cases | Fibre orientation | No of samples | Bearing load (kN) | Elongation (mm) | Interrupt location | Event captured |
| Thermoplastic  SBSS |  | 1 | 7.7 | 5.8 | A | Before final failure (nonlinear region) |
|  | 1 | 7.2 | 4.6 |
| Thermoplastic  DBSS |  | 1 | 14.1 | 6.3 |
|  | 1 | 14.8 | 6.1 |
| Thermoset  SBSS |  | 1 | 6.9 | 4.7 |
|  | 1 | 6.5 | 4.6 |
| Thermoset  DBSS |  | 1 | 12.7 | 6.0 |
|  | 1 | 12.8 | 4.9 |

**3.2. Failure mechanisms**

The previous section highlighted that the thermoplastic SBSS and DBSS lap joints outperformed, in terms of bearing strength, stiffness loss strength, and damage severity. The following section will present detailed failure mechanisms of SBSS and DBSS lap joints in terms of intermediate and final damage states with the help of schematic diagrams and SEM images.

**3.2.1. Damage characteristics of SBSS lap joint.**

Figure 6 illustrates the schematic diagram of failure mechanisms in the warp-loaded thermoplastic and thermoset SBSS lap joint. The schematic diagram is developed based on the SEM images, to understand the progressive damage development at the intermediate (90% of the ultimate bearing load) and final damage states (20% load drop from the ultimate bearing load). Figure 7 shows the corresponding SEM images of microscopic damage mechanisms obtained from regions *A1-A6* and *B1-B6* for thermoplastic and thermoset 3D-FRC (described in Fig. 6).

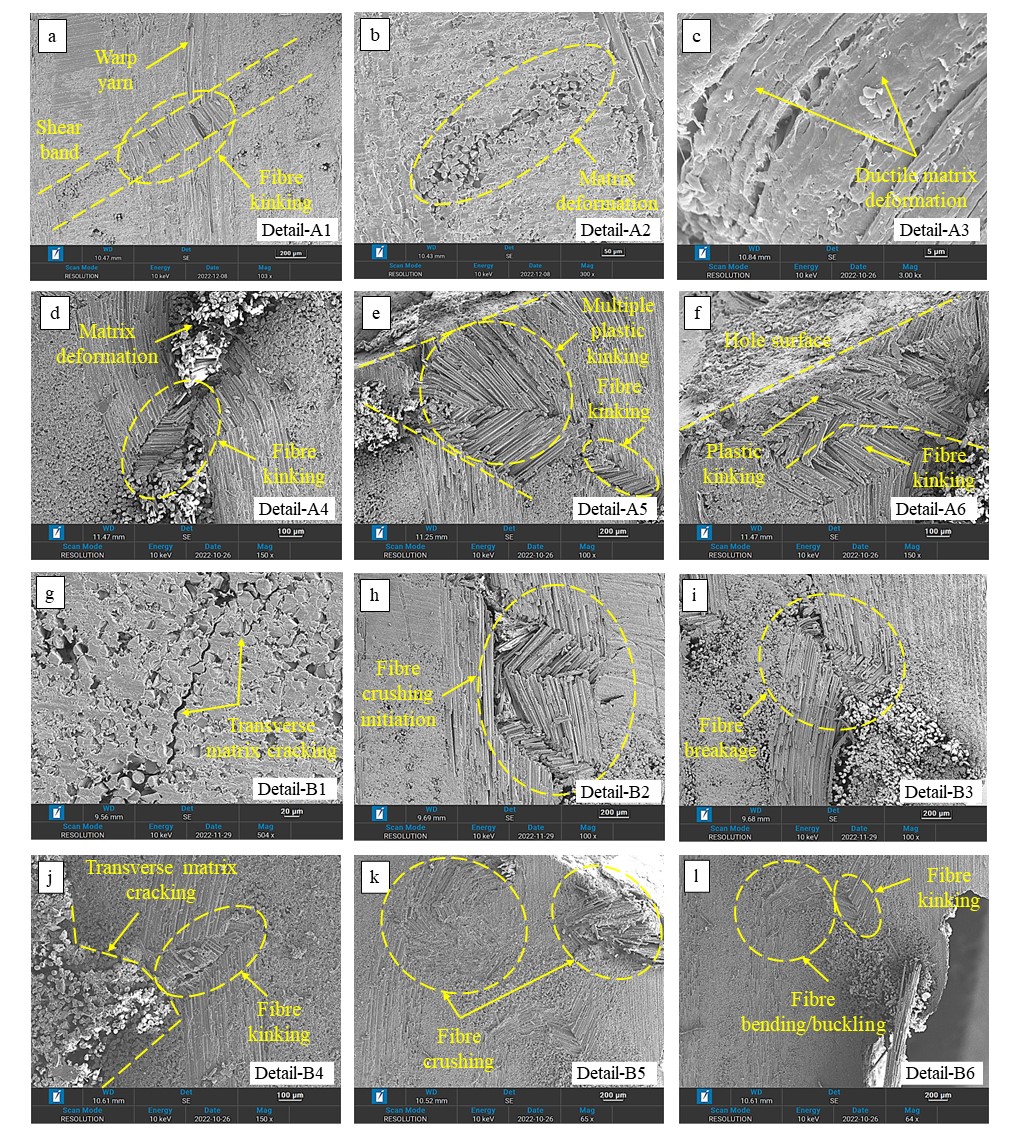


**Figure 6.** Schematic diagram of failure mechanisms in warp-loaded thermoplastic and thermoset SBSS lap joint. and represent specimen displacement and hole elongation, respectively.

The intermediate damage state shows the initial damage development in the form of shear band formation, due to matrix plastic deformation (in thermoplastic 3D-FRC) and matrix cracking (in thermoset 3D-FRC) caused by the bearing load. In an SBSS lap joint, the bolt applies non-uniform bolt pressure (bolt load), along the thickness of the specimen, due to the combined effect of bolt rotation and sample bending. At the intermediate damage state, depending on the bolt pressure, the damage severity varies along the thickness of the specimen. In thermoplastic 3D-FRC, the matrix plastic deformation creates a shear band and initiates plastic kinking in the load-bearing warp yarns (see regions *A1-A2* in Fig. 6, and Figs. 7(a)-(b)). The evidence of matrix plastic formation, at the hole front tip, is shown in Fig. 7(c). In thermoset 3D-FRC, matrix cracking promotes fibre kinking and fibre crushing in the upper warp yarns (see regions *B1-B2* in Fig. 6, and Figs. 7(g)-(h)) and yarn breakage in the lower warp yarns (see region *B3* in Fig. 6, and Fig. 7(i)). At this stage, slight hole elongation was observed in both types of composites. No delamination or significant transverse cracks were observed in 3D-FRC joints, due to their higher interlaminar strength provided by the through-the-thickness reinforcement.

As the load increases further, after reaching the ultimate bearing load, the bolt pressure increases, due to the rapid increase in out-of-plane deformation (discussed in Section 3.1.3.) and bolt rotation. As a result, the width of the shear band increases in the final damage state, as shown in Fig. 6. In thermoset 3D-FRC, the final damage state shows fibre kinking, crushing, bending, and transverse matrix cracking in the warp yarn (see region *B4-B6* in Fig. 6, and Fig. 7(j)-(i)). In the final damage state, the fibre bending in the bottom warp yarn is attributed to the buckling of warp yarn under compressive loads. In contrast, the thermoplastic 3D-FRC shows excessive fibre crushing due to plastic kinking and matrix deformation in the bottom warp yarns (see region *A6* in Fig. 6, and Fig. 7(f)) and multiple kinking in the upper warp yarns (see regions *A4-A5* in Fig. 6, and Fig. 7(d)-(e)). The damage severity in the final state is due to the combined effect of the compressive forces exerted by the bolt and bolt rotation. The hole elongation in thermoset 3D-FRC is higher due to the higher damage severity at the hole front tip.

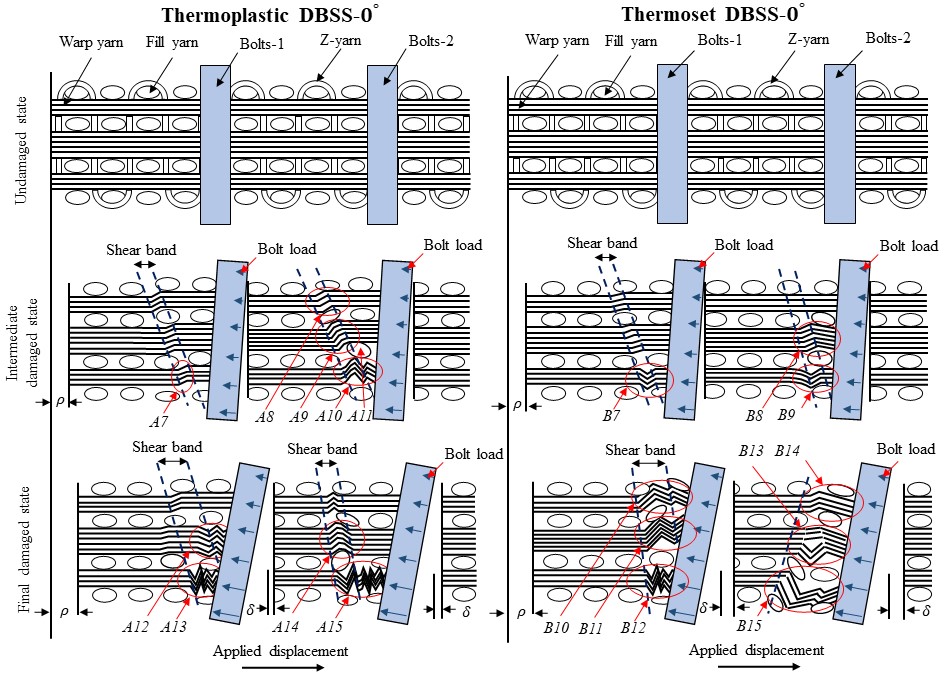
Based on the schematic diagram and SEM of the interrupted and final damage states, a scenario of the damage progression leading to the failure of the SBSS lap joint can be proposed. In thermoplastic 3D-FRC, the primary failure mechanisms leading to a bearing failure are coupled plastic deformation and fibre kinking, which initiate shear-band formation under the compressive loads. Upon further loading, the width of the shear-band increases due to progressive multiple plastic kinking and fibre breakage. Bearing failure occurs at the hole front tip, when the upper, middle, and lower warp yarns fail by plastic kinking. In thermoset 3D-FRC, matrix micro-cracking triggers kinking, kinking triggers fibre breakage, and fibre breakage initiates crushing under compressive loads. As the load increases further, the fibre crushing increases, followed by the yarn bending or buckling. Finally, the specimens failed due to net tension or shear-out failure, depending on the fibre orientation. Under compressive loads, fibre kinking, fibre rotation, and fibre crushing are typical failure modes, mainly initiated by the initial fibre misalignment in the load-bearing fibres, as discussed by Pinho et al. 46,47.



**Figure 7.** SEM images of microscopic damage mechanismsin thermoplastic and thermoset warp-loaded SBSS lap joints. (a)-(c) intermediate damages in thermoplastic 3D-FRC; (d)-(f) ) final damages in thermoplastic 3D-FRC; (g)-(i) intermediate damages in thermoset 3D-FRC; and (d)-(f) ) final damages in thermoplastic 3D-FRC.

**3.2.2. Damage characteristics of DBSS lap joint.**

The schematic diagram of failure mechanisms in warp-loaded thermoplastic and thermoset DBSS lap joints is shown in Figure 8. Compared to the SBSS lap joints, the DBSS lap joints show higher damage severity, particularly at the bolt-2 hole front tip (see the final damage state in Fig. 8), due to the higher compressive load exerted by the secondary bending and bolt rotation. The microscopic damage mechanisms highlighted in regions *A7-A15* and *B7-B15*, in thermoplastic and thermoset 3D-FRC are shown in Figures 9 and 10, respectively.



**Figure 8.** Schematic diagram of failure mechanisms in warp-loaded thermoplastic and thermoset DBSS lap joints. and represent specimen displacement and hole elongation, respectively.

In thermoplastic 3D-FRC, at intermediate damage states, the non-uniform bolt pressure initiates shear band formation upon fibre kinking. The severity of fibre kinking in the shear band at bolt-1 is nearly constant (see region *A7* in Fig. 8, and Figure 9(a)), meanwhile, the fibre kinking at bolt-2 varies along the thickness due to the non-uniform bolt pressure, i.e., the bottom warp yarns experience more excessive plastic kinking than the top warp yarns (see region *A8-A10* in Fig. 8, and Figure 9(b)-(f)). In addition, evidence of plastic deformation was found in the fill yarns along the shear bands, as shown in region *A11* in Fig. 8, and Fig. 9(e)-(f). At the final damage state, the width of the shear band increases due to an increase in the bolt pressure and multiple fibres kinking in the middle and top warp yarn (see regions *A12* and *A14* in Fig. 8, and Fig. 9(g) and (j)). Whereas, in the bottom warp, yarns excessive fibre kinking was found due to higher bolt pressure (see regions *A13* and *A15* in Fig. 8, and Fig. 9(h) and (k)). Some traces of warp yarn debonding (transverse cracks) were also found, as shown in Fig. 9(i) the mechanisms occurring away from the holes. However, these debonding are limited due to the presence of through-thickness reinforcement.

A picture containing text, map

Description automatically generated

**Figure 9.** SEM images of microscopic damage mechanismsin thermoplastic warp-loaded DBSS lap joints. (a)-(f) intermediate damages in thermoplastic 3D-FRC; (g)-(l) ) final damages in thermoplastic 3D-FRC.

The thermoset DBSS lap joint shows higher damage severity compared to the thermoplastic DBSS lap joint. Figure 10(a) and (b) show the cross-sections of the bearing plane at bolt-1 and bolt-2, respectively. At the intermediate state, fibre crushing initiation and bending were identified, as shown in regions *B7-B9* in Fig.8, and Fig. 10(c)-(e). In comparison, the final damage state shows multiple kinking, fibre bending, and matrix cracking in the top warp yarns (see region *B10-B12* in Fig. 8, and Fig. 10(f)-(h)), whereas, extensive fibre bending, breakage, and crushing are observed in the bottom warp, and transverse matrix cracking in fill yarns (see region *B13-B15* in Fig. 8, and Fig. 10(i)-(k)). The higher damage severity is caused by the excessive compressive loads at the hole front tip, due to bolt rotation, which resulted in excessive fibre breakage across the whole bearing plane.

A picture containing text, map

Description automatically generated

**Figure 10.** SEM images of microscopic damage mechanismsin thermoset warp-loaded DBSS lap joints. (a)-(e) intermediate damages in thermoset 3D-FRC; (f)-(k) ) final damages in thermoset 3D-FRC

The damage progression leading to the failure of the DBSS lap joint is proposed based on the schematic diagram and SEM of damage states. In thermoplastic 3D-FRC, plastic deformation initiates fibre kinking, followed by shear band formation. The severity of plastic kinking in the shear band is higher at the bolt-2 hole front tip due to higher bolt pressure caused by the secondary bending. With increasing applied displacement, the bearing damage increases due to the progressive plastic-kinking and hole elongation. Nevertheless, the damage remains localized near the hole front tip, in the loading direction. In thermoset 3D-FRC, matrix microcracks initiate fibre breakage and bending due to buckling. Upon further displacement, damage progression in the form of fibre breakage, bending, and crushing increases, which escalates the damage severity and hole elongation at the hole front tip. The final failure occurs due to net tension or shear out depending on the fibre direction.

Figure 11(a). depicts the schematic diagram of the final damage state in fill-loaded DBSS lap joints. The corresponding microscopic failure mechanisms represented by regions *A16-A21* and *B15-B18* in Fig. 11(a) are shown in Figure 11(b)-(l). In thermoplastic 3D-FRC, bolt-1 hole front tip fibre breakage and plastic kinking (combined plastic deformation and kinking) were identified (see region *A16-A17* in Fig. 11(a) and Fig. 11(b)-(c)). Whereas, at the bolt-2 hole front tip two shear bands were found. The first shear band consists of multiple fibre kinking regions (see region A18 in Fig. 11(a), and Fig. 11(d)). The severity of fibre kinking in the shear band varies from top to bottom, due to the non-uniform bolt pressure. In the second shear band, fibre breakage was identified in the top two fill yarns, whereas, fibre bending and unique patterns of multiple plastic kinking were found in the bottom fill yarns (see region *A21* in Fig. 11(a), and Fig. 11(g)). In thermoset 3D-FRC, at the bolt-1 bearing plane, two shear bands were identified. In the first shear band fibre bending, kinking and breakage occurs (see region *B15* in Fig. 11(a), and Fig. 14(h)), while in the second shear band excessive fibre kinking was found (see region *B16* in Fig. 11(a), and Fig. 11(i)). At the bolt-2 hole front tip, the top two fill yarn shows fibre breakage, while the bottom two yarns underwent excessive kinking and crushing (see region *B17-B18* in Fig. 11(a), and Fig. 11(j)-(k)). In addition to this, due to excessive crushing in thermoset 3D-FRC, longitudinal cracks or delamination occur between the warp and fill yarns. These delamination cracks were only localized, due to the presence of through-the-thickness reinforcement in 3D-FRC.

.

A picture containing text, screenshot, map

Description automatically generated

**Figure 11.** Schematic diagram along with SEM images of microscopic damage mechanismsin thermoplastic and thermoset 3D-FRC fill-loaded DBSS lap joints. (a) schematic diagram of failure mechanisms, (b)-(g) final damages in thermoplastic 3D-FRC; (h)-(l) ) final damages in thermoset 3D-FRC.

In thermoset DBSS lap joints, higher hole elongation occurs at the bolt-2 hole front tip, as shown in Figs. 8 and 10. The higher elongation is attributed to higher damages at the bolt-2 hole front tip, caused by matrix cracking, yarn breakage/crushing, and secondary bending. Another important factor contributing to this higher hole elongation is the shear-out cracking at the bolt-1 hole front tip (see Fig. 5), consequently, it offers less resistance to the applied bearing load and transfers the remaining load to the bolt-2, resulting in a higher hole elongation. Figures 11 shows that the final damage patterns in the fill-loaded specimen are different from those found in warp-loaded specimens*. Firstly*, unlike the yarn kinking in the warp-loaded specimens, the top two yarns in fill-loaded specimens show fibre breakage and bending, while the bottom two yarns show multiple kinking and crushing. *Secondly*, two shear bands were identified in fill load specimens, whereas, only one shear band was found in warp load specimens. *Thirdly*, unique multiple-kinking patterns were found in fill-loaded specimens, which were absent in warp-loaded specimens.

**3.2.3. Phenomenological explanation of the effect of matrix toughness on bearing performance**

The bearing test and failure mechanisms study elucidate, that the thermoplastic SBSS and DBSS lap joints, show superior bearing performance, reduced damage severity, better joint integrity, and damage tolerance. This highlights that the matrix ductility and fracture toughness play a significant role in improving the bearing performance of the bolted joint. In thermoplastic 3D-FRC specimens, the plasticization/plastic deformation at the hole front tip (see Fig. 12(a)), reduces stress-concentration under the compressive bearing loads, as a result, the load-bearing yarns undergo progressive plastic kinking mechanisms, leading to better joint performance. Furthermore, in the post-peak behaviour of thermoplastic 3D-FRC with increasing applied displacement, the bearing damage remains localized at the hole front tip (see Fig. 5). The progressive bearing failure of a resin-infused thermoplastic 3D-FRC bolted joint is highly recommended for superior joint performance. The final damage state, shows less hole ovalization upon unloading, indicating a higher viscoelastic recovery in thermoplastic samples due to their higher ductility.

On the contrary, in thermoset 3D-FRC specimens, stress concentration at the hole front tip produces micro-cracks in the brittle thermoset matrix (see Fig. 12(b)). These microcracks transfer all the load to the load-bearing yarns under compressive loads, which undergo progressive fibre kinking, breakage, and crushing. With increasing displacement after reaching the peak load, the damage continues to extend leading to higher damage severity, and hole elongation (see Fig.5), consequently the specimen failed due to net tension and shear-out failure. These damage modes are highly undesirable as they may result in abrupt failure of the bolted joint. The higher hole ovalization in thermoset 3D-FRC, stipulates little viscoelastic recovery, due to the brittle thermoset matrix. This study proposes that the composite structures made from novel resin-infused thermoplastic 3D-FRC bolted joints are a suitable choice for joining different composite parts as it provide better joint integrity, less damage severity, and higher joint strength.

Graphical user interface

Description automatically generated with medium confidence

**Figure 12.** SEM micrographs of failure in thermoplastic and thermoset matrix region at the hole front tip at high magnification (3000x).

**4. Conclusion**

An experimental investigation on the on-axis and off-axis SBSS and DBSS lap joint performance of resin-infused thermoplastic and thermoset 3D-FRC have been presented. The study involved 12 different configurations, and 44 test results have been discussed. The bearing performance was investigated in terms of ultimate bearing strength, stiffness loss strength, secondary bending and damage morphologies. Additionally, the progressive damage development in 3D-FRC bolted joints has been discussed in terms of intermediate damage states (acquired from interrupted tests) and final damage states, obtained from SEM images of bearing plane cross-sections. One of the focuses of this study is to elucidate the effect of matrix toughness on the bearing performance of 3D-FRC, which is done by comparing results and failure mechanisms with thermoset 3D-FRC. From the experimental study, the following conclusion can be drawn:

* The on-axis DBSS configurations illustrate nearly two times higher peak bearing loads and primary stiffness *k* compared to SBSS. In comparison, the off-axis DBSS showed approximately 38% higher peak bearing load and 48% lower primary stiffness compared to the SBSS.
* Among thermoplastic and thermoset 3D-FRC joints, the thermoplastic on-axis 3D-FRC depicts 15% higher ultimate bearing strength, 37% higher stiffness loss strength, and reduced damaged severity, hole elongation and secondary bending compared to thermoset 3D-FRC joints. This improved performance of thermoplastic 3D-FRC is attributed to the stronger interface, ductility and fracture toughness of the thermoplastic matrix.
* The off-axis SBSS joints are effective for better joint performance due to their higher energy absorption (up to 54%) and comparable bearing strength with on-axis configurations. However, in DBSS, the off-axis joints showed up to 36% lower bearing strength and catastrophic failure compared to on-axis configurations. Thus, the off-axis DBSS joint is not a suitable choice for structural design.
* The failure mechanisms study unravelled the damage progression in SBSS and DBSS lap joints. It highlights that matrix toughness plays a significant role in improving joint performance and reducing damage severity. The plastic deformation at the hole front tip in resin-infused thermoplastic 3D-FRC is attributed to the viscoelastic property of Elium®. The excessive plastic deformation initiates progressive plastic kinking failure in the load-bearing yarns under compressive loads, which plays a major role in damage containment in the localized region (near the hole front tip) and improving the bearing performance. In comparison, matrix micro-cracking, excessive fibre breakage, and crushing lead to undesirable damage modes in thermoset 3DFRC, i.e., net-tension and shear-out failure.

These findings demonstrate the suitability of thermoplastic 3D-FRC bolted joints for enhancing the joint performance of composites in structural applications.

# Acknowledgements

The authors would like to acknowledge the financial support provided by Universiti Teknologi PETRONAS (Grant number 015LA0-031). The author would also like to acknowledge the support of Sharp Keith from Textech industries for providing the 3D fabric for this research work. The authors are grateful to Barsotti Robert and Pierre Gerard from Arkema for providing Elium® resin for this research work.

# Conflicts of interest

The authors declare no conflict of interest with respect to the research or publication of this work.

**References:**

1. Shah SZH, Karuppanan S, Megat-Yusoff P, Sajid Z. Impact resistance and damage tolerance of fiber reinforced composites: A review. *Composite Structures*. 2019;217:100-121.

2. Dirk H-JL, Ward C, Potter KD. The engineering aspects of automated prepreg layup: History, present and future. *Composites Part B: Engineering*. 2012;43(3):997-1009.

3. Mehrabian M, Boukhili R. 3D-DIC strain field measurements in bolted and hybrid bolted-bonded joints of woven carbon-epoxy composites. *Composites Part B: Engineering*. 2021;218doi:10.1016/j.compositesb.2021.108875

4. Hussnain SM, Shah SZH, Megat-Yusoff PSM, Hussain MZ. Degradation and mechanical performance of fibre-reinforced polymer composites under marine environments: A review of recent advancements. *Polymer Degradation and Stability*. 2023;215doi:10.1016/j.polymdegradstab.2023.110452

5. Bhudolia SK, Gohel G, Leong KF, Islam A. Advances in Ultrasonic Welding of Thermoplastic Composites: A Review. *Materials (Basel)*. Mar 12 2020;13(6)doi:10.3390/ma13061284

6. Stavrov D, Bersee HEN. Resistance welding of thermoplastic composites-an overview. *Composites Part A: Applied Science and Manufacturing*. 2005;36(1):39-54. doi:10.1016/j.compositesa.2004.06.030

7. C. Ageorgesa, L.Yea MH. Advances in fusion bonding techniques for joining thermoplastic matrix composites: a review. *Composites Part A: Applied Science and Manufacturing*. 2001;32:839-857.

8. Bogdanovich AE, Dannemann M, Döll J, Leschik T, Singletary JN, Hufenbach WA. Experimental study of joining thick composites reinforced with non-crimp 3D orthogonal woven E-glass fabrics. *Composites Part A: Applied Science and Manufacturing*. 2011;42(8):896-905. doi:10.1016/j.compositesa.2011.03.018

9. Rohart V, Lebel LL, Dubé M. Effects of environmental conditions on the lap shear strength of resistance-welded carbon fibre/thermoplastic composite joints. *Composites Part B: Engineering*. 2020;198doi:10.1016/j.compositesb.2020.108239

10. Jongbloed B, Vinod R, Teuwen J, Benedictus R, Villegas IF. Improving the quality of continuous ultrasonically welded thermoplastic composite joints by adding a consolidator to the welding setup. *Composites Part A: Applied Science and Manufacturing*. 2022;155doi:10.1016/j.compositesa.2022.106808

11. Tsiangou E, Kupski J, Teixeira de Freitas S, Benedictus R, Villegas IF. On the sensitivity of ultrasonic welding of epoxy- to polyetheretherketone (PEEK)-based composites to the heating time during the welding process. *Composites Part A: Applied Science and Manufacturing*. 2021;144doi:10.1016/j.compositesa.2021.106334

12. Abouhamzeh M, Sinke J. Effects of fusion bonding on the thermoset composite. *Composites Part A: Applied Science and Manufacturing*. 2019;118:142-149. doi:10.1016/j.compositesa.2018.12.031

13. Sajid Z, Karuppanan S, Sallih N, Kee KE, Shah SZH. Role of washer size in mitigating adverse effects of bolt-hole clearance in a single-lap, single-bolt basalt composite joint. *Composite Structures*. 2021;266:113802. doi:10.1016/j.compstruct.2021.113802

14. Sajid Z, Karuppanan S, Shah SZH. Open-Hole and Filled-Hole Failure Envelopes of BFRP and GFRP: A Comparative Study. In: Emamian S., Awang M., Yusof F. (eds) Advances in Manufacturing Engineering. Lecture Notes in Mechanical Engineering. Springer, Singapore. . 2020;doi:<https://doi.org/10.1007/978-981-15-5753-8_36>

15. Sajid Z, Karuppanan S, Kee KE, Sallih N, Shah SZH. Carbon/basalt hybrid composite bolted joint for improved bearing performance and cost efficiency. *Composite Structures*. 2021;275:114427. doi:10.1016/j.compstruct.2021.114427

16. Sajid Z, Karuppanan S, Shah SZH. Effect of Washer Size and Tightening Torque on Bearing Performance of Basalt Fiber Composite Bolted Joints. *Journal of Natural Fibers*. 2021:1-18. doi:10.1080/15440478.2021.1902898

17. Sajid Z, Karuppanan S, Kee KE, Sallih N, Shah SZH. Bearing performance improvement of single-lap, single-bolt basalt composite joints by locally strengthening the joint location using carbon fibre. *Thin-Walled Structures*. 2022;180:109873. doi:10.1016/j.tws.2022.109873

18. Yazdani Nezhad H, Egan B, Merwick F, McCarthy CT. Bearing damage characteristics of fibre-reinforced countersunk composite bolted joints subjected to quasi-static shear loading. *Composite Structures*. 2017;166:184-192. doi:10.1016/j.compstruct.2017.01.029

19. Zhang H, Li C, Dai W, et al. Static compression testing CFRP single-lap composited joints using X-ray μCT. *Composite Structures*. 2020;234doi:10.1016/j.compstruct.2019.111667

20. Warren KC, Lopez-Anido RA, Goering J. Behavior of three-dimensional woven carbon composites in single-bolt bearing. *Composite Structures*. 2015;127:175-184. doi:10.1016/j.compstruct.2015.03.022

21. Tang Y, Zhou Z, Pan S, Xiong J, Guo Y. Mechanical property and failure mechanism of 3D Carbon–Carbon braided composites bolted joints under unidirectional tensile loading. *Materials & Design (1980-2015)*. 2015;65:243-253. doi:10.1016/j.matdes.2014.08.073

22. Zhang Y, Zhou Z, Pan S, Tan Z. Experimental characterization of failure behaviour for three-dimensional woven carbon/carbon composites under pin-loading. *Ceramics International*. 2021;47(7):9462-9470. doi:10.1016/j.ceramint.2020.12.079

23. Garcia C, Hurmane A, Irisarri F-X, Laurin F, Leclercq S, Desmorat R. Experimental analysis and damage modeling of the shear-out failure mode of a 3D woven composite lug. *Composite Structures*. 2021;261doi:10.1016/j.compstruct.2020.113522

24. Shah SZH, Megat-Yusoff P, Karuppanan S, et al. Performance comparison of resin-infused thermoplastic and thermoset 3D fabric composites under impact loading. *International Journal of Mechanical Sciences*. 2020;189:105984.

25. Shah SZH, Megat-Yusoff P, Karuppanan S, Choudhry R, Sajid Z. Multiscale damage modelling of 3D woven composites under static and impact loads. *Composite Part A: Applied Science and Manufacturing*. 2021;151:106659.

26. Kazemi ME, Bodaghi M, Shanmugam L, et al. Developing thermoplastic hybrid titanium composite laminates (HTCLS) at room temperature: Low-velocity impact analyses. *Composites Part A: Applied Science and Manufacturing*. 2021;149:106552. doi:10.1016/j.compositesa.2021.106552

27. Boumbimba RM, Coulibaly M, Khabouchi A, Kinvi-Dossou G, Bonfoh N, Gerard P. Glass fibres reinforced acrylic thermoplastic resin-based tri-block copolymers composites: Low velocity impact response at various temperatures. *Composite Structures*. 2017;160:939-951.

28. Shanmugam L, Kazemi ME, Li Z, et al. Low-velocity impact behavior of UHMWPE fabric/thermoplastic laminates with combined surface treatments of polydopamine and functionalized carbon nanotubes. *Composites Communications*. 2020;22doi:10.1016/j.coco.2020.100527

29. Shah SZH, Megat-Yusoff P, Karuppanan S, et al. Compression and buckling after impact response of resin-infused thermoplastic and thermoset 3D woven composites. *Composites Part B: Engineering*. 2021;207:108592.

30. Davies P, Arhant M. Fatigue Behaviour of Acrylic Matrix Composites: Influence of Seawater. *Applied Composite Materials*. 2018;26(2):507-518. doi:10.1007/s10443-018-9713-1

31. Shah SZH, Megat-Yusoff PSM, Choudhry RS, Sajid Z, Din IU. Experimental investigation on the quasi-static crush performance of resin-infused thermoplastic 3D fibre-reinforced composites. *Composites Communications*. 2021;28:100916. doi:10.1016/j.coco.2021.100916

32. Shah SZH, Megat-Yusoff PSM, Karuppanan S, Choudhry RS, Ahmad F, Sajid Z. Mechanical Properties and Failure Mechanisms of Novel Resin-infused Thermoplastic and Conventional Thermoset 3D Fabric Composites. *Applied Composite Materials*. 2021/10/16 2021;(29):515–545. doi:10.1007/s10443-021-09980-1

33. Shah SZH, Megat-Yusoff PSM, Karuppanan S, Choudhry RS, Sajid Z. Off-Axis and On-Axis Performance of Novel Acrylic Thermoplastic (Elium®) 3D Fibre-Reinforced Composites under Flexure Load. *Polymers*. 2022;14(11)doi:10.3390/polym14112225

34. Shah SZH, Megat-Yusoff PSM, Sharif T, Hussain SZ, Choudhry RS. Off-axis tensile performance of notched resin-infused thermoplastic 3D fibre-reinforced composites. *Mechanics of Materials*. 2022;175doi:10.1016/j.mechmat.2022.104478

35. Obande W, Mamalis D, Ray D, Yang L, O Bradaigh CM. Mechanical and thermomechanical characterisation of vacuum-infused thermoplastic and thermoset-based composites. *Materials & Design*. 2019;175:107828. doi:10.1016/j.matdes.2019.107828

36. Bhudolia SK, Perrotey P, Joshi SC. Mode I fracture toughness and fractographic investigation of carbon fibre composites with liquid Methylmethacrylate thermoplastic matrix. *Composites Part B: Engineering*. 2018;134:246-253.

37. Shah SZH, Lee J, Megat-Yusoff PSM, Hussain SZ, Sharif T, Choudhry RS. Multiscale damage modelling of notched and un-notched 3D woven composites with randomly distributed manufacturing defects. *Composite Structures*. 2023;318doi:10.1016/j.compstruct.2023.117109

38. Murray RE, Roadman J, Beach R. Fusion joining of thermoplastic composite wind turbine blades: Lap-shear bond characterization. *Renewable Energy*. 2019;140:501-512. doi:10.1016/j.renene.2019.03.085

39. Bhudolia SK, Gohel G, Kah Fai L, Barsotti RJ. Fatigue response of ultrasonically welded carbon/Elium® thermoplastic composites. *Materials Letters*. 2020;264doi:10.1016/j.matlet.2020.127362

40. Kazemi ME, Shanmugam L, Lu D, Wang X, Wang B, Yang J. Mechanical properties and failure modes of hybrid fiber reinforced polymer composites with a novel liquid thermoplastic resin, Elium®. *Composites Part A: Applied Science and Manufacturing*. 2019;125:105523. doi:10.1016/j.compositesa.2019.105523

41. Zhang H, Yang J. Development of self-healing polymers via amine–epoxy chemistry: II. Systematic evaluation of self-healing performance. *Smart Materials and Structures*. 2014;23(6)doi:10.1088/0964-1726/23/6/065004

42. Bhudolia SK, Perrotey P, Joshi SC. Optimizing polymer infusion process for thin ply textile composites with novel matrix system. *Materials*. 2017;10(3):293.

43. ASTM Standard D5961. Standard test method for bearing response of polymer matrix composite laminates. ASTM International, West Conshohocken, PA. 2010;

44. Skorupa M, Korbel A, Skorupa A, Machniewicz T. Observations and analyses of secondary bending for riveted lap joints. *International Journal of Fatigue*. 2015;72:1-10. doi:10.1016/j.ijfatigue.2014.10.008

45. ASTM Standard D3878. Standard terminology for composite materials. ASTM International, West Conshohocken, PA. 2013.

46. Pinho ST, Iannucci L, Robinson P. Physically-based failure models and criteria for laminated fibre-reinforced composites with emphasis on fibre kinking: Part I: Development. *Composites Part A: Applied Science and Manufacturing*. 2006;37(1):63-73. doi:10.1016/j.compositesa.2005.04.016

47. Pinho ST, Iannucci L, Robinson P. Physically based failure models and criteria for laminated fibre-reinforced composites with emphasis on fibre kinking. Part II: FE implementation. *Composites Part A: Applied Science and Manufacturing*. 2006;37(5):766-777. doi:10.1016/j.compositesa.2005.06.008