

**1. What is likely the sequence of events the user performed to produce such a packet trace?**

1. User wants to visit [www.nyansa.com](http://www.nyansa.com)
2. For which it needs an IP address, so a DHCP Request is sent out from client
3. DHCP server allocates an IP ( 192.168.1.80) for the client
4. Client sends the request to DNS server to resolve IP for [www.nyansa.com](http://www.nyansa.com)
5. DNS server resolves the IP as 54.231.236.19
6. Client sends the HTTP request over TCP/IP to the server at 54.231.236.19 and continues to browse the content of [www.nyansa.com](http://www.nyansa.com)

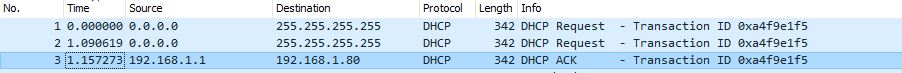
**2. What is the IP of the client device and what is the IP address of the DHCP server?**

Client IP address: 192.168.1.80 (after DHCP allocation)

DHCP Server: 192.168.1.1

**3. What is response time of the DHCP server?**

1.157273 seconds (Delta between the time stamps of first DHCP Request and DCHP ACK)



**4. What IP did nyansa.com resolve to?**

54.231.236.19

Derived from DNS Response Packet:

5 3.880846 192.168.1.1 192.168.1.80 DNS 114 Standard query response 0x2ac7 A www.nyansa.com CNAME nyansa.com A **54.231.236.19**

**5. What is the make of client device and what OS version is it running?**

Macintosh; Mac OS X 10\_9\_5

Derived from user-agent field of HTTP:

**user-agent:** Mozilla/5.0 (**Macintosh; Intel Mac OS X 10\_9\_5**) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/42.0.2311.152 Safari/537.36

**6. What is the MAC address of the client's gateway?**

ac:22:0b:33:09:e0

**Derived from L2 header:**

Ethernet II, Src: Apple\_7c:87:7b (20:c9:d0:7c:87:7b), Dst: **ASUSTekC\_33:09:e0 (ac:22:0b:33:09:e0)**

**7. How long did it take to complete the first 3-way TCP handshake to nyansa.com?**

**0.013255**

****

**8. What type of browser does the client device have?**

Chrome/42.0.2311.152

Derived from:

**user-agent:** Mozilla/5.0 (Macintosh; Intel Mac OS X 10\_9\_5) AppleWebKit/537.36 (KHTML, like Gecko) **Chrome/42.0.2311.152** Safari/537.36

**9.  What is the total number of TCP sessions?**

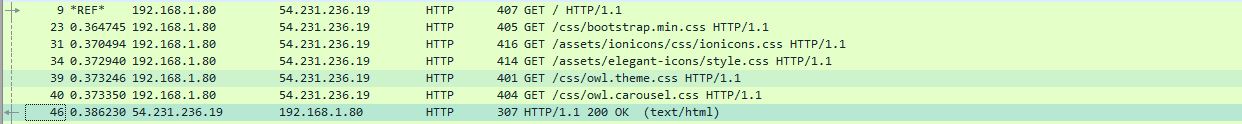
**6**

**![Table

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDgRXhpZgAATU0AKgAAAAgABAE7AAIAAAAHAAAISodpAAQAAAABAAAIUpydAAEAAAAOAAAQyuocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAEplc3dpbgAAAAWQAwACAAAAFAAAEKCQBAACAAAAFAAAELSSkQACAAAAAzE3AACSkgACAAAAAzE3AADqHAAHAAAIDAAACJQAAAAAHOoAAAAIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAyMDIxOjA5OjE2IDIxOjIyOjI3ADIwMjE6MDk6MTYgMjE6MjI6MjcAAABKAGUAcwB3AGkAbgAAAP/hCxlodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIi8+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRlRGF0ZT4yMDIxLTA5LTE2VDIxOjIyOjI3LjE3MDwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iPjxkYzpjcmVhdG9yPjxyZGY6U2VxIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpsaT5KZXN3aW48L3JkZjpsaT48L3JkZjpTZXE+DQoJCQk8L2RjOmNyZWF0b3I+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICA8P3hwYWNrZXQgZW5kPSd3Jz8+/9sAQwAHBQUGBQQHBgUGCAcHCAoRCwoJCQoVDxAMERgVGhkYFRgXGx4nIRsdJR0XGCIuIiUoKSssKxogLzMvKjInKisq/9sAQwEHCAgKCQoUCwsUKhwYHCoqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioq/8AAEQgA4wOaAwEiAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A95N8nrR9vT1p3/CK+Hv+gDpn/gHH/hSN4Y8Npjfoelrk4GbSMZ/SgBPt6etH29PWnf8ACK+Hv+gDpn/gHH/hR/wivh7/AKAOmf8AgHH/AIUAN+3p60fb09ad/wAIr4e/6AOmf+Acf+FH/CK+Hv8AoA6Z/wCAcf8AhQA37enrR9vT1p3/AAivh7/oA6Z/4Bx/4Uf8Ir4e/wCgDpn/AIBx/wCFADft6etH29PWnf8ACK+Hv+gDpn/gHH/hR/wivh7/AKAOmf8AgHH/AIUAN+3p60fb09ad/wAIr4e/6AOmf+Acf+FH/CK+Hv8AoA6Z/wCAcf8AhQA37enrR9vT1p3/AAivh7/oA6Z/4Bx/4Uf8Ir4e/wCgDpn/AIBx/wCFADft6etH29PWnf8ACK+Hv+gDpn/gHH/hR/wivh7/AKAOmf8AgHH/AIUAN+3p60fb09ad/wAIr4e/6AOmf+Acf+FH/CK+Hv8AoA6Z/wCAcf8AhQA37enrR9vT1p3/AAivh7/oA6Z/4Bx/4Uf8Ir4e/wCgDpn/AIBx/wCFADft6etH29PWnf8ACK+Hv+gDpn/gHH/hR/wivh7/AKAOmf8AgHH/AIUAN+3p60fb09ad/wAIr4e/6AOmf+Acf+FH/CK+Hv8AoA6Z/wCAcf8AhQA37enrR9vT1p3/AAivh7/oA6Z/4Bx/4Uf8Ir4e/wCgDpn/AIBx/wCFADft6etH29PWnf8ACK+Hv+gDpn/gHH/hR/wivh7/AKAOmf8AgHH/AIUAN+3p60fb09ad/wAIr4e/6AOmf+Acf+FH/CK+Hv8AoA6Z/wCAcf8AhQA37enrR9vT1p3/AAivh7/oA6Z/4Bx/4Uf8Ir4e/wCgDpn/AIBx/wCFADft6etH29PWnf8ACK+Hv+gDpn/gHH/hR/wivh7/AKAOmf8AgHH/AIUAN+3p60fb09ad/wAIr4e/6AOmf+Acf+FH/CK+Hv8AoA6Z/wCAcf8AhQA37enrR9vT1p3/AAivh7/oA6Z/4Bx/4Uf8Ir4e/wCgDpn/AIBx/wCFADft6etH29PWnf8ACK+Hv+gDpn/gHH/hR/wivh7/AKAOmf8AgHH/AIUAN+3p60fb09ad/wAIr4e/6AOmf+Acf+FH/CK+Hv8AoA6Z/wCAcf8AhQA37enrR9vT1p3/AAivh7/oA6Z/4Bx/4Uf8Ir4e/wCgDpn/AIBx/wCFADft6etH29PWnf8ACK+Hv+gDpn/gHH/hR/wivh7/AKAOmf8AgHH/AIUAN+3p60fb09ad/wAIr4e/6AOmf+Acf+FH/CK+Hv8AoA6Z/wCAcf8AhQA37enrR9vT1p3/AAivh7/oA6Z/4Bx/4Uf8Ir4e/wCgDpn/AIBx/wCFADft6etH29PWnf8ACK+Hv+gDpn/gHH/hR/wivh7/AKAOmf8AgHH/AIUAN+3p60fb09ad/wAIr4e/6AOmf+Acf+FH/CK+Hv8AoA6Z/wCAcf8AhQA37enrR9vT1p3/AAivh7/oA6Z/4Bx/4Uf8Ir4e/wCgDpn/AIBx/wCFADft6etH29PWnf8ACK+Hv+gDpn/gHH/hR/wivh7/AKAOmf8AgHH/AIUAN+3p60fb09ad/wAIr4e/6AOmf+Acf+FH/CK+Hv8AoA6Z/wCAcf8AhQA37enrR9vT1p3/AAivh7/oA6Z/4Bx/4Uf8Ir4e/wCgDpn/AIBx/wCFADft6etH29PWnf8ACK+Hv+gDpn/gHH/hR/wivh7/AKAOmf8AgHH/AIUAN+3p60fb09ad/wAIr4e/6AOmf+Acf+FH/CK+Hv8AoA6Z/wCAcf8AhQA37enrR9vT1p3/AAivh7/oA6Z/4Bx/4Uf8Ir4e/wCgDpn/AIBx/wCFADft6etH29PWnf8ACK+Hv+gDpn/gHH/hR/wivh7/AKAOmf8AgHH/AIUAN+3p61598abtZPAkYU8/bY//AEFq9D/4RXw9/wBAHTP/AADj/wAKbJ4Q8NTLtl8O6VIuc4axjI/9BrWjU9nUU+xlWp+0puHc+RVl+n5VIJR6/pX1j/wg3hL/AKFfRf8AwXxf/E0f8IN4T/6FfRf/AAXxf/E17Kze32Px/wCAeM8ov9v8P+CfKQmA7/pUizL6/pX1T/wg3hP/AKFfRf8AwXxf/E0f8IP4T/6FfRv/AAXxf/E1azn+5+P/AADN5Lf7f4f8E+WlmX1p4mX1r6i/4Qfwn/0LGjf+C+L/AOJpf+EH8J/9Cxo3/gvi/wDiapZ3/c/H/gEPI7/b/D/gny+JV9ak81fWvpz/AIQjwp/0LGjf+C+L/wCJo/4Qjwp/0LGjf+C+L/4mq/tz+5+P/AJ/sH+/+H/BPmm3Vrq6igg+aSVwiD1JOBXUeNNTitWt/DWmviy0xQHI486YjLOfzx7c17evgrwsjBk8NaOrDoRYRDH/AI7QfBXhVmLN4Z0cknJJsIuf/HaylnKlUjJw0Xn177f1c1jkrjTlBT1fW3Ttv/VjwLwZdLF410pnOB9oUZ+vArP1h2j1y+R/vLcyA/UMa+jR4K8KqwZfDOjgg5BFhFx/47Q3grwq7Fm8NaOxJySbCLn/AMdqv7atVdTk6W3/AOAT/Yd6Sp8/W+3/AAT5l86m+cMdRX03/wAIR4U/6FjRv/BfF/8AE0f8IR4U/wChY0b/AMF8X/xNaf27/c/H/gGf9gf3/wAP+CfMRnHtUZuB6ivqH/hCPCn/AELGjf8Agvi/+Jo/4Qfwp/0LGjf+C+L/AOJpf25/c/H/AIBSyH+/+H/BPlszr6iozMvqK+p/+EH8J/8AQsaN/wCC+L/4mj/hB/Cf/QsaN/4L4v8A4mp/tv8Aufj/AMApZH/f/D/gnyo0w9RUTSj1FfWH/CD+E/8AoV9G/wDBfF/8TR/wg3hP/oV9F/8ABfF/8TUPOb/Y/H/gFrJrfb/D/gnyW0g9RUTOPUV9c/8ACDeEv+hX0X/wXxf/ABNH/CDeEv8AoV9F/wDBfF/8TUvN7/Y/E0WU2+3+B5P8FbpY7OUE/wDLVv5CvXft6etJH4N8MQ/6nw5pMf8Au2MQ/wDZaf8A8Ir4e/6AOmf+Acf+FeNWqe0qOfc9ijT9nTUOw37enrR9vT1p3/CK+Hv+gDpn/gHH/hR/wivh7/oA6Z/4Bx/4Vkajft6etH29PWnf8Ir4e/6AOmf+Acf+FH/CK+Hv+gDpn/gHH/hQA37enrR9vT1p3/CK+Hv+gDpn/gHH/hR/wivh7/oA6Z/4Bx/4UAN+3p60fb09ad/wivh7/oA6Z/4Bx/4Uf8Ir4e/6AOmf+Acf+FADft6etH29PWnf8Ir4e/6AOmf+Acf+FH/CK+Hv+gDpn/gHH/hQA37enrR9vT1p3/CK+Hv+gDpn/gHH/hR/wivh7/oA6Z/4Bx/4UAN+3p60fb09ad/wivh7/oA6Z/4Bx/4Uf8Ir4e/6AOmf+Acf+FADft6etH29PWnf8Ir4e/6AOmf+Acf+FH/CK+Hv+gDpn/gHH/hQA37enrWF4bvUE2qc9b6b/wBDNb//AAivh7/oA6Z/4Bx/4Ug8JeHFzt8P6WMnJxZR8/pQBgQa/q2orJcaclilursiJOWLtg46jgVuR6gGiQyAI5UFlznB9KcvhHw2rEr4e0oE9SLKPn/x2nf8Ir4e/wCgDpn/AIBx/wCFAHN/Ejx9/wAIpZC1sCp1CZcgkZEa+uPX/PpXlPgS6n8XfFDThrFxJd7Wad/NctnYpYD6bscVs+MfBniDxN4ivL94bmNZJD5S/ZXbC9FyQPQCq/w/8B6/4Z8fafqt1bXLwRl0k227jh1K85HYkH8K+qpSwuFwcowkudp69b2PBlCtiMQpTT5U9Ee1+INTm0ewhvIVjaMXcMdxvB4jeQIWGDwRuB79D9a5yTxvemfXoIreAPb3UFvpjMjkTGSXyCXGRnbKj52n7uK6rWdMj1rQ73TZmKJdwPCXA5XcMZH061ztv4CWG68NTyak8j6Mkn2j9wqi/dhne393EhL4GeTXysd9dv6/y/E957ab/wBfn+hdt/GGmJcQWl1qAubu6uriCBbWxm5MUoR1IG7GwsoZyQp5bgdBPHnh6S3nnS6uGji27WFhP/pAZtimH5P34LEDMe4cj1FQab4KGn6zBfNfeaIpNQcx+Tt3fa5lkxndxt2498546ViaT8LRomkXGnWQ8MujRrFFPN4e/fsquGUzOky+awwPmAQ7gG6jFHRDdtbd/wBTRuviLp+m+JJbbVHkttO/syC9jd7GcTJvklV2kTbujRQi5LKoUtyeRW/N4j0221yDSbh7iO5uOIWe0lEMh2ltqzbfLLbVJ27s8HisBfAMzaXqNtda1LczX+hrpL3EsbOwIMpMuWcs3+u+6STheWJOaj/4V0W8a2+vS39rL9nnWaMyWAa5UCDyvKWcv8sWSX2BR8xPJzQ/L+txPuv60X63H/8ACx9Mn1HTprOfdotzZ3M8l1LazIzGMw7BGGALg+cR8obLYUcgiuxhlWeCOVA4WRQwDoUYAjPKkAg+xGRXEP8ADNHsfDMf9qMtx4cs3htZ1gxmY+XtlK7sYHl4KHOQx5HWusk0yK9XT5NVVLi6sZBPHJGGjUS7GQsF3HjDtwS3XuRmnp/Xr/X9bN+X9f1/XnmalqerXXiB9F8PNaW01vbpc3N5ewPMiB2ZURY1dCxOxiTvG3A4OeFvvFuneHxDa+IrsC98kSzm0tJpI40zjzX2q3koSDy5AGD8x2k0uraBfy62useHtTh06+aEW9wLm0NxDPGCWXKh0YMpZsENjDMCDxihqXg/VL27mubfXYYJdQsEsdTZrDf5qKXIaH94PKb964+bzB93IODmdbf15/1/Vw0v/Xlf9S/P448P2+snS5b5/tSzx277baVo45JApjVpAuxdwdduSMngZIIqz/wlOjCztrp75UguRKyO6MoAiBMhbI+QLtOS2MHjqQKyp/AySW+qQRX3lx39/Z3ajyt3lC3EICfe+bPkdeMbuhxyk3gK2upNfS6vJGs9WglgigRAv2MTDM5U5IJd8PyOo703tp/Wi/W4K2l/67lk+PvD62aXEk95GJJxbpFJptykzyMhdQsRj3kFVbBC4OCASeKtQ+K9LuY72S2F/NHYkiV49MuWVyGKkRkR4lIIIITdjFYGi/Dw6X/Z2X0SA2N8l2TpOiiy8/bDJHiQCVgT+8zkYxgjHPCXfw+vbtdXU6tZ28N+6Otpb2Ei2xxL5jedCZiJS4+Vyvl7gTuzkYb30/rb/gi6f13f6WLi/EPTLnxDpWmWEN5OupRTsLj7FcDyXidUKOpj+U7i27cV2YGcbhUiePdDtdLsJr/U/tDXNot009rp8/lrEePNdQHMEZOeZCBweeDVPRfAE2gy6TJY6jZxmwku/Mij07y4njuJFdkjRZB5e0oAp+YY6g1Bb/Dq90/TobPTNejhWTSotKv2ksfMM0Ue/DxfvAI3xI/Lbx0445On9ef/AAP8hq3X+tf8jdn8ceH7fWjpct8/2pZ47d9ttK0cckgUxq0gXYu4Ou3JGTwOQRV3TNfsNYurmDTzcSG2co8rWkqRMQxUhJGUI+CCDtJxisafwMklvqkEV95cd/f2d2o8rd5QtxCAn3vmz5HXjG7occ2dB8NXOka9qOoS3tt5F2cpZ2Vs9vEpLFjI6mV1aQ5GXUJnnIPGDT+vRfrcXS/9eZtahf22l6bc6hfyeVa2sTTTSbSdiKCWOBknAB6Vzr/Evwqkcjtfz7YgHkIsLg7Iz0mPycQntL9w/wB6tDUPDNpceFdX0SxP2NNTjuQ8nMm2SfcXfBPPzOTjIHYYqjqfgz+0f7Y/0/y/7T0VdJ/1OfLx5v7z73P+t+7x93rzwirL+vl/wX8jVbxHpSRNI11hUu/sTZjfIm/u4xnGDnd02/NnHNYV58SdKgOkNaWmp3MGp3n2ZZf7LulAHls+9QYvnBwMY4IJIOFNR6dopufHdzeQC5jsrOBUZbi2aOOa8CGMyqGALgRYXcMqcgAnBxFaeANRtbe3MWs2cU9pqKXttFDYSLZwKImjMaQGclAQ7H5XC5wdvXLVrq/l/wAH/P0sRrZ99fvtp+i9bm1N420GCe9imu5VFjHLJPN9km8nEQzIFl2bHZQDlVJYYbjg4fb+MdEudPu72O5mWG0VWl820mjba33CqMoZg2PlKghu2a5k/CuFJ9bFtJo6R6sl2Bcvowa+hNwrbv8ASBINyhnOAVztwue9aF5o/wDaHjrTEgF0kOn26nUJGt2SG52ENbqHIw5VyzfKTt5BwSKS6X/re45dbef6W/U6fU9Us9H02W/1KYQW0QBZypY5JwAFAJZiSAFAJJIAGTXOaV46gvW1y4mhumstPvI7aEW+m3Lz4aCNzvhClwQzMOVGABn1q5qfgzTZ7C8XRbaz0e/up4rpry3s0y80cgkRpAMGQbhyCckE4IJzWJefDq+1GK7bUdYsbye81BL2eK40vfaSbYBD5bQGX5gNodcscMATnGaWuv8AXb/gj0NOw8f6bqfiaTSrKG7mhGnRahFeR2k7JKr7zgYjx91Rg55JKgblIrZ0fXtP12CeTTnm/wBHk8qaO4tpLeSNtobDRyKrDIYEZHINcvbfDu6sbEWljrogjbQ00iWRLQrJ8nmFJY2VwEwZDkYOQBgr1qz4Z8EXPhiOQWN/Y2yXF6Lm4t9O0tbaF0EPl+Wqb225YK5bJOQR0NOVknb+tf8AIXX+uy/W5f0rx54b1o/6BqWUNu10ss0EkMbxLjeyu6hW25AbBO08HFSx+L9Lm0l9Shi1R7ZHCZXSLsu+RkMqeVudcfxKCvvXIeE/At7qfgnS7fxVeMLddGeyisktDbzW4mRQ/mMWO5gFwPlXGTkE81s6p4P1nXdEtbHW9Y0u9a2uBJtk0djb3CBCu2aEzkOcneDkAMoO3inJWul/Wv8Al/XQbtcu3PxD8MWiwtLqTMJrRL5TFayyYt3JAlbap2oNpyzYC8bsZFdIrB1DKQykZBB4IrzK38D6xbatJomnakLWwXw7a6dNePp5YTKJJwwjIdVSQBgf4gNwyp4r0uCFLa3jgiGI40CKM5wAMCjTp/WrE9Hb+tl/wR9FFFIAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAb5if31/OjzE/vr+dUKKAL/mJ/fX86PMT++v51QooAv+Yn99fzo8xP76/nVCigC/5if31/OjzE/vr+dUKKAL/mJ/fX86PMT++v51QooAv+Yn99fzo8xP76/nVCigC/5if31/OjzE/vr+dUKKAL/mJ/fX86PMT++v51QooAv+Yn99fzo8xP76/nVCigC/5if31/OjzE/vr+dUKKAL/mJ/fX86PMT++v51QooAv+Yn99fzo8xP76/nVCigC/5if31/OjzE/vr+dUKKAL/mJ/fX86PMT++v51QooAv+Yn99fzo8xP76/nVCigC/5if31/OjzE/vr+dUKKAL/mJ/fX86PMT++v51QooAv+Yn99fzo8xP76/nVCigC/5if31/OjzE/vr+dUKKAL/mJ/fX86PMT++v51QooAv+Yn99fzo8xP76/nVCigC/5if31/OjzE/vr+dUKKAL/mJ/fX86PMT++v51QooAv+Yn99fzo8xP76/nVCigC/5if31/OjzE/vr+dUKKAL/mJ/fX86PMT++v51QooAv+Yn99fzo8xP76/nVCigC/5if31/OjzE/vr+dUKKAL/mJ/fX86PMT++v51QooAv+Yn99fzo8xP76/nVCigC/5if31/OjzE/vr+dUKKAL/mJ/fX86PMT++v51QooAv+Yn99fzo8xP76/nVCigC/5if31/OjzE/vr+dUKKAL/mJ/fX86PMT++v51QooAv+Yn99fzo8xP76/nVCigC/5if31/OjzE/vr+dUKKAL/mJ/fX86PMT++v51QooAv+Yn99fzo8xP76/nVCigC/5if31/OjzE/vr+dUKKAL/mJ/fX86PMT++v51QooAv+Yn99fzo8xP76/nVCigC/5if31/OjzE/vr+dUKKAL/mJ/fX86PMT++v51QooAv+Yn99fzo8xP76/nVCigC/5if31/OjzE/vr+dUKKAL/mJ/fX86PMT++v51QooAv+Yn99fzo8xP76/nVCigC/5if31/OjzE/vr+dUKKAL/mJ/fX86PMT++v51QooAv+Yn99fzo8xP76/nVCigC/5if31/OjzE/vr+dUKKAL/mJ/fX86PMT++v51QooAv+Yn99fzo8xP76/nVCigC/5if31/OjzE/vr+dUKKAL/mJ/fX86PMT++v51QooAv+Yn99fzo8xP76/nVCigC/5if31/OjzE/vr+dUKKAGuxXaFAJY45OO2f6UmZf7if8AfZ/wok+/F/vf0NZXi69udN8G6ve2EjRXNvZyyROqqSrBSQQG4PPrxQNK7sauZf7if99n/CjMv9xP++z/AIVwE2oeKtN0U3Mf9rvcyX1pCkevSWMalXlCsFNoj4zkAlhkA5HI5Zp3jbUtE0hrrXtN82xNzqAW4jvTLMWieaTaIygGzbGVU7s8D5QOj6X/AK/rUS1PQsy/3E/77P8AhRmX+4n/AH2f8K4ey8f6veyQ2q+F3jvLi4EMXnvcW8DAxSPnfNboxI8sghUbG5SCelPm+IN1ZQNf6joix6Z5l3CksN35kzPbiQn93sAwwibB35yQCO9J6bhudrmX+4n/AH2f8KMy/wBxP++z/hXAS+OPEF9ozyWWifYbyO/s4wbn7RDDNHLKFKh5rZGz2OEOAwIJPFdrd3N/BDaG3sFuZJJo0uFWcKIUP3nBIG4L6YBPtTt/l+X+YrlrMv8AcT/vs/4UZl/uJ/32f8K5zxm+oW1itzpmt3FjcBWjtbOCCKT7ZcHlEbejHbwc7duF3MWAGR0ke/y183G/A3beme+KXS49hm+QOF2Lkgn75/w96dmX+4n/AH2f8KD/AMfCf7rfzFPoAZmX+4n/AH2f8KMy/wBxP++z/hXm+qavq9nq1zFN4j1hLZ9bNov2LT4biWKIWhm2oi27sfmYAkhjhRyOSdex8V6rYaSI9a0+SS8a1aWyMpEUl4fO8tFkULiNyHgJ9DIflXbimtUv66XB6f152OxzL/cT/vs/4UZl/uJ/32f8K4i98Y3o8f6ZpyxX9pZNePayRtpU5FyfKc7xMU2bAwXG05xuJwBXX/aLv+2Bb/Yv9C8gyG880cSbseXs69Od3TtS3SYFjMv9xP8Avs/4UZl/uJ/32f8ACuY1CbVtP8aaezaneHT72fyzE8MH2Vf3bYjUqpm8wsobcxCYyM52qeqo6XB6OxEHkYsAi/KcH5z6Z9KdmX+4n/fZ/wAKI/vy/wC9/QVHfLI+n3CwzyW8hjbbNGFLRnHBAYEZHuCPak3ZXGld2JMy/wBxP++z/hRmX+4n/fZ/wrym31/xG8NqkOt6zeai2kWl5bwQ6ZFJDczymQlZ3WDEacKud8eFBOScmur1HxvJp9leM+m5urE3bXEImyEihi8wSAkDduDQjHGPM6nbzUla/lf8BLVpdzq8y/3E/wC+z/hTZHlWJjtUYBOd3T9K5vwbqV/cNc2muvqY1NUjneG+itkVVfcAYvILDZuVhh3ZxgZPOT003/HvJ/un+VDVhJ3LX2Ef89pf/Hf8KPsI/wCe0v8A47/hVquX+Idis/gvUrxbq/triytJZYJLK/mtiGC8E+W67unRsikUtWb32Ef89pf/AB3/AAo+wj/ntL/47/hXHpo9vP4tPhy41PV4bG309Ly3hGsXKy3LtIyyOZt/msEAQbd+0eZkj7prJ0221S78V3Y0aTW7oWepW6Jqk2r77MWywQtIjQ+ad7spf5vK+84bcCMhrV2/re39f56E9L/1tc9G+wj/AJ7S/wDjv+FH2Ef89pf/AB3/AApLn+0f7Ssvsn2X7Fl/tnm7vMxt+Ty8cfe657dK4XUtX1CPx9eXd5C8ml6Ze2llGkWry27I0yx/vDbqgWYF5QPnc8Idq5B3JatIfRs7v7CP+e0v/jv+FQ3MBgEZSRnLNjD4A6E9h7VoVVvvuw/9dP8A2U0AVcy/3E/77P8AhRmX+4n/AH2f8KJ2KW8jLwVUkH8K8/13xNrFp8O9C1K2vTFeXlm0k0wiQ7m+xySZwVIHzqD0xxjpxRvf+u/+Qz0DMv8AcT/vs/4UZl/uJ/32f8K878TaprfhdobFvEOoXkV8I5FuhZQyXVsBcQxuFWOLa+5ZuB5ZIKnrkAdR4RudRudOuW1F7yeFblls7i/thb3E8W1fmkjCptO8uB8ikqqnHOS0rq4uxuZl/uJ/32f8KMy/3E/77P8AhVGB9S1HQW8+I6Nfyq6gK6TmA5IVgfuscYbkY5wQazPCF3fzLqdrqt1dTzWt0FVb5IluI0MakbzCojOSSRtzwQCd2QEB0G9wyh1UBjjIbPbPp7VJTJPvxf739DT6ACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAjckyIFVmKnJ2qTgYI7VFqFlBqmm3FhfW80ltcxtFKgV13KRgjIwR9Qc1BfW8N3qOnQ3UMc0TXQ3RyKGU4hnPIPvWh/wj2i/9Aiw/8BU/woAwF8HaSLGezlTVriGcoWFzqN5MyFG3KyM7kxsCAcqQeB6VY/4RjSDYw2UmnSS28LyyLHMJJAWlDiTduzu3CR8hs9a1/wDhHtF/6BFh/wCAqf4Uf8I9ov8A0CLD/wABU/wo30AxNP8ACul6bJA9vFqUjW8nmQ/ary6uBE2xk+USO2BtdhgcfkKmk8OaTLax202nNLBHLNKsciOylpQ4kyD1BEj8HI56dKn1Xw3bS2qw6VpemQySvte4e1QmBMHLKu3DN2APGTk5AwW6Z4WsrIva3WnWN3boAYLiS3TzSO6v8vJHZu4PPIyW9dw22KMfg7SI9Lm05otTmtpihKz313KYyhyhjZ3LRkEAgoR0HpW3GvlRJGqTlUUKCyux49SeSfc0/wD4R7Rf+gRYf+Aqf4Uf8I9ov/QIsP8AwFT/AAoAxtX8L6Zrl/b3t9FqC3NtG0cUtrd3NsyqxBYZiZc5Kjr6CtaNfKiSNUnKooUFldjx6k8k+5p//CPaL/0CLD/wFT/CmR+H9GLy50iw4bj/AEZPQe1LyAQ7vOVvLlwFI/1be3tT8n/nnL/37b/Cl/4R7Rf+gRYf+Aqf4Uf8I9ov/QIsP/AVP8KAMW18K6TZ6pJqMNtetcyXJumaW4uJFEpRk3BWYqvysVwABjHoMXrzTLTULm0nvLR5ZbKXzYGKP8jYIzgdevQ55APUA1c/4R7Rf+gRYf8AgKn+FH/CPaL/ANAiw/8AAVP8KYFa4soLq4tZ57eV5LSQywtscbGKlCeOvysRz61Yyf8AnnL/AN+2/wAKbJ4f0YPFjSLDluf9GT0PtT/+Ee0X/oEWH/gKn+FIDHTwzpia1/av2a8e58wyqsk87xI5G0usJYxq2CRuCg8n1Na+T/zzl/79t/hS/wDCPaL/ANAiw/8AAVP8KP8AhHtF/wCgRYf+Aqf4UeQeZGm4M5McvLZH7tvQe1NuoEvLSW2mS4EcyFGMfmRtgjBwy4IPuCDU3/CPaL/0CLD/AMBU/wAKP+Ee0X/oEWH/AICp/hRZMNTK0bw7pvh+MJpdrdIBCkAMsk0zeWhYquXJOBvbHtx0AxMdHsG1G5vmsS9xdQi3mZomYPGM/KQeO/PHOBnOBi//AMI9ov8A0CLD/wABU/wo/wCEe0X/AKBFh/4Cp/hTeu4bGXo/h7TtB806bbXStKFVnmkmnbaudqBpCxCjJwoIAycDk1oS7mhdRHKSVIH7tv8ACpP+Ee0X/oEWH/gKn+FH/CPaL/0CLD/wFT/CgDRqOe3hureS3uoo5oZFKvHIoZXB6gg8EVnw+H9GNvGTpFgSVGSbZPT6U/8A4R7Rf+gRYf8AgKn+FIB2raDo+vQRw65pVjqUUTbo47y2SZUOMZAYHBxVi0sbSwjMdjaw2yMQSsMYQHChRwPRVUfQAdqq/wDCPaL/ANAiw/8AAVP8KP8AhHtF/wCgRYf+Aqf4UAaNUp9F0u61WDU7nTbObULZSsF3JArSxA5yFcjKjk9D3NR/8I9ov/QIsP8AwFT/AApg8P6N9ocf2RYY2rx9mT1PtQBqVWvQSkRCs2Hydqk9j6VX/wCEe0X/AKBFh/4Cp/hR/wAI9ov/AECLD/wFT/CgBMn/AJ5y/wDfpv8ACudHgTw+EljNhePDJE8Ihe5uWjhRxhhEhbbFwcfIFwOBgV0f/CPaL/0CLD/wFT/Cj/hHtF/6BFh/4Cp/hRoGph23hHR7VWxaXk7tJHIZru4uLiXMbB0HmSMzbQwztztyTxya28n/AJ5y/wDftv8ACl/4R7Rf+gRYf+Aqf4UyXw/owQY0iwHzL/y7J6j2pgQ31nDqVjLZ3cM7QzLtYIJEb6hlwVPoQQRUGk6PZ6LBJFYQXQ81/MlkneWeSRsAZaSQszYAAGScAADgVof8I9ov/QIsP/AVP8KP+Ee0X/oEWH/gKn+FICN9xZCI5eGyf3beh9qfk/8APOX/AL9t/hS/8I9ov/QIsP8AwFT/AAo/4R7Rf+gRYf8AgKn+FACZP/POX/v23+FGT/zzl/79t/hTZPD+jB4saRYctz/oyeh9qf8A8I9ov/QIsP8AwFT/AAoATJ/55y/9+2/woyf+ecv/AH7b/Cl/4R7Rf+gRYf8AgKn+FH/CPaL/ANAiw/8AAVP8KAEyf+ecv/ftv8KMn/nnL/37b/Cl/wCEe0X/AKBFh/4Cp/hR/wAI9ov/AECLD/wFT/CgBMn/AJ5y/wDftv8ACjJ/55y/9+2/wpf+Ee0X/oEWH/gKn+FH/CPaL/0CLD/wFT/CgBMn/nnL/wB+2/woyf8AnnL/AN+2/wAKX/hHtF/6BFh/4Cp/hR/wj2i/9Aiw/wDAVP8ACgBMn/nnL/37b/CjJ/55y/8Aftv8KX/hHtF/6BFh/wCAqf4UweH9G+0OP7IsMbV4+zJ6n2oAdk/885f+/bf4UZP/ADzl/wC/bf4Uv/CPaL/0CLD/AMBU/wAKP+Ee0X/oEWH/AICp/hQAmT/zzl/79t/hRk/885f+/bf4Uv8Awj2i/wDQIsP/AAFT/Cj/AIR7Rf8AoEWH/gKn+FACZP8Azzl/79t/hRk/885f+/bf4Uv/AAj2i/8AQIsP/AVP8KP+Ee0X/oEWH/gKn+FACZP/ADzl/wC/bf4UZP8Azzl/79t/hS/8I9ov/QIsP/AVP8KP+Ee0X/oEWH/gKn+FACZP/POX/v23+FGT/wA85f8Av23+FNk8P6MHixpFhy3P+jJ6H2p//CPaL/0CLD/wFT/CgBMn/nnL/wB+2/woyf8AnnL/AN+2/wAKX/hHtF/6BFh/4Cp/hR/wj2i/9Aiw/wDAVP8ACgBMn/nnL/37b/CjJ/55y/8Aftv8KX/hHtF/6BFh/wCAqf4Uf8I9ov8A0CLD/wABU/woATJ/55y/9+2/woyf+ecv/ftv8KX/AIR7Rf8AoEWH/gKn+FH/AAj2i/8AQIsP/AVP8KAEyf8AnnL/AN+2/wAKMn/nnL/37b/Cl/4R7Rf+gRYf+Aqf4Uf8I9ov/QIsP/AVP8KAEyf+ecv/AH7b/CjJ/wCecv8A37b/AApf+Ee0X/oEWH/gKn+FMHh/RvtDj+yLDG1ePsyep9qAHZP/ADzl/wC/bf4UZP8Azzl/79t/hS/8I9ov/QIsP/AVP8KP+Ee0X/oEWH/gKn+FACZP/POX/v23+FGT/wA85f8Av23+FL/wj2i/9Aiw/wDAVP8ACj/hHtF/6BFh/wCAqf4UAJk/885f+/bf4UZP/POX/v23+FL/AMI9ov8A0CLD/wABU/wo/wCEe0X/AKBFh/4Cp/hQAmT/AM85f+/bf4UZP/POX/v23+FL/wAI9ov/AECLD/wFT/Cj/hHtF/6BFh/4Cp/hQAmT/wA85f8Av23+FGT/AM85f+/bf4U2Tw/oweLGkWHLc/6Mnofan/8ACPaL/wBAiw/8BU/woATJ/wCecv8A37b/AAoyf+ecv/ftv8KX/hHtF/6BFh/4Cp/hR/wj2i/9Aiw/8BU/woATJ/55y/8Aftv8KMn/AJ5y/wDftv8ACl/4R7Rf+gRYf+Aqf4Uf8I9ov/QIsP8AwFT/AAoATJ/55y/9+2/woyf+ecv/AH7b/Cl/4R7Rf+gRYf8AgKn+FMl8P6MEGNIsB8y/8uyeo9qAHZP/ADzl/wC/bf4UZP8Azzl/79t/hS/8I9ov/QIsP/AVP8KP+Ee0X/oEWH/gKn+FACZP/POX/v23+FGT/wA85f8Av23+FL/wj2i/9Aiw/wDAVP8ACj/hHtF/6BFh/wCAqf4UAJk/885f+/bf4UZP/POX/v23+FL/AMI9ov8A0CLD/wABU/wo/wCEe0X/AKBFh/4Cp/hQAmT/AM85f+/bf4UZP/POX/v23+FNm8P6MLeQjSLAEKcEWyen0p//AAj2i/8AQIsP/AVP8KAEyf8AnnL/AN+2/wAKMn/nnL/37b/Cl/4R7Rf+gRYf+Aqf4Uf8I9ov/QIsP/AVP8KAEyf+ecv/AH7b/CjJ/wCecv8A37b/AApf+Ee0X/oEWH/gKn+FH/CPaL/0CLD/AMBU/wAKAEyf+ecv/ftv8KMn/nnL/wB+2/wpf+Ee0X/oEWH/AICp/hR/wj2i/wDQIsP/AAFT/CgBMn/nnL/37b/CjJ/55y/9+2/wpf8AhHtF/wCgRYf+Aqf4Uf8ACPaL/wBAiw/8BU/woATJ/wCecv8A37b/AAoyf+ecv/ftv8KbF4f0Yoc6RYH5m/5dk9T7U/8A4R7Rf+gRYf8AgKn+FACZP/POX/v23+FGT/zzl/79t/hS/wDCPaL/ANAiw/8AAVP8KP8AhHtF/wCgRYf+Aqf4UAJk/wDPOX/v23+FGT/zzl/79t/hS/8ACPaL/wBAiw/8BU/wo/4R7Rf+gRYf+Aqf4UAJk/8APOX/AL9t/hRk/wDPOX/v23+FL/wj2i/9Aiw/8BU/wo/4R7Rf+gRYf+Aqf4UAJk/885f+/bf4UZP/ADzl/wC/bf4Uv/CPaL/0CLD/AMBU/wAKP+Ee0X/oEWH/AICp/hQAmT/zzl/79t/hRk/885f+/bf4Uv8Awj2i/wDQIsP/AAFT/Cj/AIR7Rf8AoEWH/gKn+FAFOf8A5DGm/wDX1/7QnrlviLqaXGsQaVENQafT7ZtRj+xWFxc7bnOLcP5KNgZWQ/NjoK6mf/kMab/19f8AtCetiO2giuJZ4oI0mmx5sioA0mBgbj1OBwM0mCPMvGHi6717wbrH9jy2FrYf8I0b+db1GM0omSRQi4YCMrsIJIfLELgYzSeKNZ1K+02a2SbTodO0/VNLtGgdWNxK7S28u8Nuwo+cALtJIUncOld9c+FvD96IReaFplwLcOIRLZxt5Yfl9uRxuyc4696fceG9Du9QS/utG0+e8jRUS4ktUaRVU7lAYjIAIBA7HmqTSd/P9b/lp+IdF5f8D/K/4HEXvjjxNDYNLa21lcTXmuz6TYxRW+WjETzZd/MnjV2YRABdyYOTk8LWlB4i8URalpUeu2UGlwXMSoyvaGY3FyS/7vzI5mWDIVSNwdfm27iRXU3Oh6TeadNp93pdlPZTyGSW2lt0aORy24sykYJLc5Pfmq1v4R8N2l1b3Nr4f0qGe1jMUEsdlGrRIc5VSFyo+ZuBx8x9aXT+u39f1oN6u68/z/y0/wCHKPhHWtR1Czu18RSQRajasv2m1Sye3+y5XO0s0jrKOvzodp9AQRXI+E/E1vL40g1IJqajxI8yO1xp9xFCNnzWu2R0CHMSt90nJavQ9P8AD+jaRp8tjpWk2NjZzEmW3trZI45CRgkqoAOQAOe1WXsbSSGGF7WFooGVoUMYKxlfulR2I7Y6U/tX/rz/AOAT0t/XkT1EvWb/AHv/AGUVLUcf35f9/wD9lFTJXTQzxrwNFJ4d8HweLNP8Nf2ZbWHhySS7bdCn9rygK6PiNmOF2P8AO4DfvOh5rp7/AMXeJNItbu3uJdGv71UsZYZ7e3kjiUXFwISroZGJ4yVYMM/3eOe9t7S3tLSO1tYIoLeNAiQxoFRF9Ao4A9qo2XhrQtOsXs9P0XTrS1klWZ4ILRERpFIIcqBgsCqkHqMD0q27y8v+C/8AMbd9f66f18/I5/wbJ4gbxV4pi1vVba9ht7uKNI4bWSIIxt4m+TdK4VeeV7sSc84rnpPFFqvxAOuBdSKJqA0jzBp9x9m+zfcLeds8ri4PXd0WvSk0uwi1SXUo7G2S/mjEUl0sKiV0HRS+MkD0zR/Zlh/ZxsPsVv8AYyMG28pfLIznG3GOvNT1T7f1+P6ieqf9f1/wCaT/AFkX+/8A+ymvPfiLqaXGsQaVENQafT7ZtRj+xWFxc7bnOLcP5KNgZWQ/NjoK9Ck/1kX+/wD+ymkjtoIriWeKCNJpsebIqANJgYG49TgcDNJjPMvGHi6717wbrH9jy2FrYf8ACNG/nW9RjNKJkkUIuGAjK7CCSHyxC4GM0nijWdSvtNmtkm06HTtP1TS7RoHVjcSu0tvLvDbsKPnAC7SSFJ3DpXfXPhbw/eiEXmhaZcC3DiES2cbeWH5fbkcbsnOOven3HhvQ7vUEv7rRtPnvI0VEuJLVGkVVO5QGIyACAQOx5qk0nfz/AFv+Wn4i6Ly/4H+V/wADiL3xx4mhsGltbayuJrzXZ9JsYorfLRiJ5su/mTxq7MIgAu5MHJyeFrSg8ReKItS0qPXbKDS4LmJUZXtDMbi5Jf8Ad+ZHMywZCqRuDr823cSK6m50PSbzTptPu9Lsp7KeQyS20tujRyOW3FmUjBJbnJ781Wt/CPhu0ure5tfD+lQz2sZigljso1aJDnKqQuVHzNwOPmPrS6f12/r+tBvV3Xn+f+Wn/DlLwjrGp6pZ3cevtDHqduyie0jsng+zFlyFLGR1l74dDtPoCCK4L4VWUem3fhp30qw0t7/RJGR9OcMb/BiJkuRsQhlyNv3/AL7/ADDo3qelaJpWhWrW2iaZZ6bA772is7dIlZsAZIUAZwAM+1R6T4b0PQXmfQ9G0/TWnx5rWdqkJkx03bQM9T19aa0lf+tn/mL7NjSooopAcZ8S0ST4cOktp9tja6sQ1thT5w+1RZTDEKc9OSBzzWXp/wDavhe0js9K0210BNe1oxWFldoskenR+QWbMcLhSXaFyERwAZAc5yK742tveWMUV3BHPH8j7JUDDcpDKcHuCAQexANGo6bY6vYvZatZW99ayY3wXMSyI2DkZVgQeQDQtF/Xl/kO+ljiYPFPiTUtQ03S7OXSYLmU36XF21tJLE5tpY0DRoJFIDbzkFjtIxk45qWc2p3X7N93ca1erfXM2gTSecEZWKmA4DlnYs3q3GfQV6Bb6Xp9oLYWtjbQi0iMNv5cKr5MZxlEwPlU7V4HHA9Kjt9D0m00+ewtdLs4LO5Lme2jt0WOUvw25QMHPfPWk/ha7/8ABKjK0k+zOM+H1lHpPiTUbL+yrHRpZNPtZ/sOlOHtiuZB5pOxD5rEEEbBwi/M38Pej/j4f/cX+ZqrpOh6ToNu9voel2Wmwu2947O3SFWbGMkKACcAc1aH/Hw/+4v8zVyd2ZRVkeVeE9HMvimTVLLQhYNaa5qcl9rZ8lftcPmSr5HysZH+YofnUAeXwembdl8R9ZMOpvc2tu8flWc2m3LwC3Vo7mZoklkQTytsA2tk+WxGQVXrXpNva29ojJawRwq7tIyxoFDMxyzHHckkk9yaoWnhjQbC3uYLHRNOtobtSlxHDaRosynOQ4AwwOTwfU1PRLsv6/r/ADLbu2+7/X+v6RxHirVNW8P+LPDUl9NZ3eoTWt7brdR2rw20BeS2CySKZHYIvf5uTgZXORbbxR4uvPGN7o+k6fbyW2nPHbXV2bdCod4VfzsG6V1UFwdgR9wUjeCfl6228NaFZWq2tnounW9uiSRrFFaoqKsmPMUADADYGR3wM01vC3h9760vH0LTWurJFjtZzZxl4FX7qo2MqB2Axijpb+v6/wA/JCvp/X9f15nDeHvEHiix8DeFrzUb63ls7i2R7zU5NPluGTOwIjgT79xy2ZsMowMqo5r0qb/Vj/fX/wBCFZS+DvDKywSr4d0kSW0xngcWMWYpCQS6nbwxIByOcgVqzf6sf76/+hCm3fUOp5/8QtL/ALW8aeHrcaHpOt4sb9/s+rvshXBt/nB8uT5hn0HU8imaF4surTw5pWnWsguJr3T7T+x5ryM75yfklMoVzuKYDnBGVYDJxmu11fw7omv+V/b2j6fqfkZ8r7bapN5ecZ27gcZwOnoKibRHm8TQandzwvBZRMljbR2+0ws4AdmfcdxwMAALgE5zwQo6K39df8/66OWqOAtPFHivRvDpBmg1jUNQ8RXWn2pFtjydskxPyy3Khh+7wqeYm0EDLYwehtPEPiaPVtIi8QWkGk211Gkcm6zM5muCXBQPHMywcKrDcHU7tu8muim8M6DcxXsdxomnSx6g4kvEe0jYXLDkNICPnI7E5plr4T8O2V5bXdloGl29zaJ5dvNFZxo8Kc/KjAZUfM3A9T6010v5fkKWrbXn+dzSk/1kX+//AOymvLvG+jHXPiFqVrbeHhqeoPodstlfkwr/AGZKZp9s292Drg4b92Gb5enSvUZP9ZF/v/8AsppBa263bXSwRi4dBG0wQb2QEkKW6kAsSB7n1pdUx30a/rdM4m68Y6pa+PLPS4EjvNLa5Fjcy/ZgjJP9naUqrmbLHAU4EO3DffyMVl69req6p8Lh4ivzbS2l1cWFzbWFjauZ4h9riPls5kIkftgInzZFd+dA0dtY/tZtJsTqWAPtptk87gYHz43dOOtRxeGNBhuLm4h0TTo5ryRZbmRLSMNO6tvDOcZYhvmBPfnrQuj/AK/r8gVk/wCv6/zOL1Dxt4nNvokOiWlne32sxT3kYghV1hij2YiIkuId7jzPmYMMbT+764TTtT8ai78WTxNb3M0V5bLFYNbtIbQPDAz4/fhXCKzZVSu9gWBGdtdpeeFvD+oW8lvf6Fpt1DJObl457ON1eUjBkIIwWI43dabceEfDd2JBd+H9LnEkSQv5tlG2+NMbEORyq4GB0GBij+v6/L8dGL+v6/ry1MvU/FP2T4avrcVyLu4lgEcElvZSx+bO52IFgO6QHeR8vLDBqj8OL60gbUfDtmL9YLEpPbG/s5rd2ikHzfLMqscSLJzjHzCuwTTbGO1trZLK3W3tCpt4hEoWHaMLsGMLgcDHSpDbQG7F0YI/tAQxibYN4QnJXd1xkA49qfVv+v6uLol/X9WMTUPEep2VxPHb+DtZvUiztnhmsljkx3G+4DAfVQfasPxzcT618Jop7vSBBPeT2Bk02+YYBa6izHIQGGOcHg8du1d5VbUNOstWsZLLVLO3vbSXHmQXMSyRvg5GVYEHkA/hS/4H4FJ6pnLfD2COwbXtPSyt9Oe31Ab7CxYNa226GMhYjtXII+ZsovzM3H8R64f8fD/7i/zNQ6dplho9illpNjbWNqhJSC1hWJFycnCqABk81MP+Ph/9xf5mmxHjui2L2viaPUYdM02yuLjxFqcEGpwnfc3Uha42xTptU+SMZOHY/InC9V1fEPi3XNb8NpLoF1b6Y1tLYR37NFI7x3L3KI8AKyLgL/EOdwbHGc13cXhrSLK+utT0nSNMstWuFfdfJZJ5jM3JLldrMCcEjcM+tR6b4ZtLfQ7jT9VjttS+3SvPfeZbjy7iRzlj5ZLAL0ABJwAMknmktLeVvw/r8tNxyd5N93+t/wDgfec7H4q8VXPjm50qw0qK7sdNlit72ZY403M8SuZAzXAeNfnGF8qTIU/Nk/Lr+Eda1HULO7XxFJBFqNqy/abVLJ7f7Llc7SzSOso6/Oh2n0BBFaE3hbw/cXltdz6FpktzaIsdvO9nGXhRfuqjEZUDPAHSpdP8P6NpGny2OlaTY2NnMSZbe2tkjjkJGCSqgA5AA57UdPP+v6/AXVHnnhPxNby+NINSCamo8SPMjtcafcRQjZ81rtkdAhzErfdJyWrvtW1e906aNLPw9qWrK65MlnJbKEPofNmQ5+gIq89jaSQwwvawtFAytChjBWMr90qOxHbHSp6NLJLoHW5jaDrV7rMd8b/Qb3Rjbz+VGt3JExmXaDuHlsw6kjqRx1zkDzf4VWUem3fhp30qw0t7/RJGR9OcMb/BiJkuRsQhlyNv3/vv8w6N7DWbpPhvQ9BeZ9D0bT9NafHmtZ2qQmTHTdtAz1PX1px0d/62a/UPstF6T/WRf7//ALKa8u8b6Mdc+IWpWtt4eGp6g+h2y2V+TCv9mSmafbNvdg64OG/dhm+Xp0r1GT/WRf7/AP7KaQWtut210sEYuHQRtMEG9kBJClupALEge59aXVMd9Gv63TOJuvGOqWvjyz0uBI7zS2uRY3Mv2YIyT/Z2lKq5myxwFOBDtw338jFZeva3quqfC4eIr820tpdXFhc21hY2rmeIfa4j5bOZCJH7YCJ82RXfnQNHbWP7WbSbE6lgD7abZPO4GB8+N3TjrUcXhjQYbi5uIdE06Oa8kWW5kS0jDTurbwznGWIb5gT3560Lo/6/r8gVk/6/r/M4vUPG3ic2+iQ6JaWd7fazFPeRiCFXWGKPZiIiS4h3uPM+ZgwxtP7vrhNO1PxqLvxZPE1vczRXlssVg1u0htA8MDPj9+FcIrNlVK72BYEZ212l54W8P6hbyW9/oWm3UMk5uXjns43V5SMGQgjBYjjd1ptx4R8N3YkF34f0ucSRJC/m2Ubb40xsQ5HKrgYHQYGKP6/r8vx0Yv6/r+vLU5bxpdDXPhFHODa6obq5sgRJbvbQzn7XECrRvvZFJ4IbcRzwelXvh7BHYNr2npZW+nPb6gN9hYsGtbbdDGQsR2rkEfM2UX5mbj+I9LPoul3OjjSbnTbOXTQixiykgVoQq42rsI24GBgY4wKfp2mWGj2KWWk2NtY2qElILWFYkXJycKoAGTzTWl/P/gf5B9lI5/U/F2s2NpcyweA9duWhBKYnsgsmOmMTlufZSfak8easlr4XhtZkuo5NWmjtDFbwPPMqN80uEiDMSI1flc811dRPbQS3EU8sEbzQ58qRkBaPIwcHqMjrip6WDrc5n4e6pFeaDPp8S3Sf2TcvaKt3byQSeUMNCSkgDD92yjJAyQa6cf8AHw/+4v8AM0iW0EdzLcRwRpPMFEsqoAzhc7QT1OMnGemaUf8AHw/+4v8AM1T1EtDx3RbF7XxNHqMOmabZXFx4i1OCDU4TvubqQtcbYp02qfJGMnDsfkTheq6viHxbrmt+G0l0C6t9Ma2lsI79mikd47l7lEeAFZFwF/iHO4NjjOa7uLw1pFlfXWp6TpGmWWrXCvuvksk8xmbklyu1mBOCRuGfWo9N8M2lvodxp+qx22pfbpXnvvMtx5dxI5yx8slgF6AAk4AGSTzSWlvK34f1+Wm5UneTfd/rf/gfec7H4q8VXPjm50qw0qK7sdNlit72ZY403M8SuZAzXAeNfnGF8qTIU/Nk/LseEdY1PVLO7j19oY9Tt2UT2kdk8H2YsuQpYyOsvfDodp9AQRV+bwt4fuLy2u59C0yW5tEWO3nezjLwov3VRiMqBngDpU+laJpWhWrW2iaZZ6bA772is7dIlZsAZIUAZwAM+1Jq8Wv6/r/hhdUeWfCqyj0278NO+lWGlvf6JIyPpzhjf4MRMlyNiEMuRt+/99/mHRvSNT1zULC9MFr4W1bUowARcWstoqH2xJOjcfSp9J8N6HoLzPoejafprT481rO1SEyY6btoGep6+taVVJ3/AK8xvdswLTxO58H3Wva3pVzoy2qzPJbXDI7hIy2GGwkHcBkY9eMjBPK/DvVlg12TTZk1KObVbX+0ZftthcWy/at2J1UzIu4YaPG3PCmvRLm2gvLdoLuCOeFsbo5UDKcHIyDx1GaJLaCaeGaWCN5YCTFIyAtGSMEqe2QccdqS3v8A1/W33Ce1v6/r/MWT/WRf7/8A7Ka8m+ImmR3/AI31R59KsbmKHQ7UPqMx/f6UrTzg3MI28lPvnDocJwT0r1mT/WRf7/8A7KaY1lavPLO9tC0s0QhkkMYLOgyQhPdfmbjpyfWjqmNPRrv/AJpnFx+KvEV547udK0vTFudI06aK3urgiIsQ8Sv5u8zqygbxhRC+7acMM/LBomkvrnwO0HT4p4Ynks7VglwMxXG0qxhkA5KOAVI54J4PQ9a3hbw+97aXj6FprXVkix2s5s4y8Cr91UbGVA7AYxVibRdKudH/ALJuNMs5dN2qn2OS3VodoIIGwjbgEDAx2o6W9Pw/r+kJaHnWi39yvjHRbPRY7Lw/plrHqEd/pUMTSQiWKSHzDGyOikHeCp2AqS+VyxCkPxF8QyWupMtvZtxYTadPNa+SssNzc+UGaNZ5GxtwwLFG9UGK9ATw5okcNjDHo2nrFp777NFtUC2zesYx8h9ximWvhfQLGOSOy0PTbZJXV5FhtI0DsrblYgDkhuQex5prpf8Ar+vw+Yf1/Xy+/cwfBsniBvFXimLW9Vtr2G3u4o0jhtZIgjG3ib5N0rhV55XuxJzziuvm/wBWP99f/QhUKaXYRapLqUdjbJfzRiKS6WFRK6DopfGSB6Zqab/Vj/fX/wBCFHRB1OO8U6NpeufEbw5a63p1pqNsLC/cQ3cCyoGDW+DhgRnk8+9U/B2uT2jaVpUUqz6TP/aT2tzM7O5ghmQQ4djyux2wTnKqpB7nr9X8O6Jr/lf29o+n6n5GfK+22qTeXnGdu4HGcDp6CpNR0PSdYghg1fS7K/igcPFHdW6SrGwGAVDA4OO4qdbWXn+uvyG3scNpPj7Vb+1iv72XTbOwi8PQ6tdyC1klYtJ5owgEg+UGNTjknkd8jOXxL4w1fUNKtZ57bSbq28QC0nRrQ/vkazaVQ6R3TgAZPy+Y2Tsb5dpU+lx6NpcMLRRabZpG1uLZkWBQphGcRkY+4NzfL05PrVVPCfhyPTf7PTQNLWy8wS/ZhZRiPeOjbcYyOxq7rmv/AFvf8tAet/66W/PU5Ox8SapcXkWj6FFo+lTT3mqO08tozxFbe4Cf6tZEJkcuGZt3Zjg54rXPj7xJcabPf6XDpUENnoEWszJPHJKZiTLujRlZcKRFlXIOP7pzx3N74a0LUrP7JqOi6fd23nNP5M9qjp5rEln2kY3EsST1OT61Zl0ywm87zrG2k8+AW8u+FT5kQziNuOV+ZvlPHJ9albf1/X/DDurv+ut/yHmUTaeZQMB4twB7ZGa474m2X9or4Ztf7MsdV8zWQPseottgl/0ac4Y7H6dfunkD612cqhLR1UBVCEAAcAYqvqui6Xrtqtrrem2eo26uHWG8gWVAwBAbDAjOCefeh76Exulr2f5HkdxqVxp3guWz0ZLWzvINO1src+UXaxaGVN0Ns6spEY3FVPH3EJUbdldtDrXiDT9W0i21m5s00+eGNWvE06RhdTtuJQMJj5GAF5cMGJOCDxXTJo2lxwQwx6baLFbwtbwosChY4mADRqMcKdoyBwcD0qj/AMIV4YBRovD+mwSRQNbxSwWqRSRRsGBVHUBkGGb7pH3j607/ANff/n/w43qvv/G3+X/DHOz6hq9rosniTSoY1Op3RmuLmW1e6+zWSIwibyVeN2yArbVJIMjHDVf8ba1BF4QtofMmm/tmSK2VrK2lld43G6VljjDP/qg54BxxW9qXh/RtZs4rTWNJsb+3hIaKG6tklSMgYBAYEA44q29rbyTwzSQRtLBkRSMgLR5GDtPbI9KVlt6fd/X9dlrucz8PdUivNBn0+JbpP7JuXtFW7t5IJPKGGhJSQBh+7ZRkgZINLqfi7WbG0uZYPAeu3LQglMT2QWTHTGJy3PspPtXSpbQR3MtxHBGk8wUSyqgDOFztBPU4ycZ6ZqWh6gcJ8SbU6pb+FoG0iz1BptYUmw1NwsLn7NOdrkJIOPZW5H41pfDry08Ii3iXy/s15dQtChBjgZZnzFER1jX7qnjgDhfujc1XRdL121W11vTbPUbdXDrDeQLKgYAgNhgRnBPPvVi1tbextIrWygitreFQkUMKBERR0AUcAewprRP+uwS1t5f8H/MwPHP/ACTPxN/2DLz/ANFvXB2Qi8NHUIToGj2ErppLjTbRRNZ4e68vzz8kZE2Sf4Rjy0O5sYHrDW8N3ZTW13DHPBNvSSKRQyupJBUg8EEdqqWXhnQdNsXstO0TTrS0eVZmggtI0jaRSCrlQMFgVUg9RgelKOjv6Dbukv66f5HCaXrHjCx8L3t297a3qx61eRz3X9nSzm0gjllBbyhcb5FyqhVQ5VeMPjNb1xd3erX11qWjQx6jLpFhixUnYk93KgY8MQBhCgB3f8tWGRya17vwf4Zv2mN94d0m5NxKJ5jNYxv5kgBAdsry2CRk88mrn9j6edPuLGSziltbpnaeGZfMWXeSWDBs5Bz0PGMDoMUdP67W/r7/AEHq7+b/ADucnq2pz6r8HfEst5cx3F1Hp95DPssZLTY6xtlDG7uQR67iD1HBFV/h9ZR6T4k1Gy/sqx0aWTT7Wf7DpTh7YrmQeaTsQ+axBBGwcIvzN/D2lvoul2ejnSbTTbODTSjIbOKBVhKtncNgG3BycjHOTSaToek6Dbvb6HpdlpsLtveOzt0hVmxjJCgAnAHNNOzf9f1+P6iesUvX9P8AL+tjN1DxHqdlcTx2/g7Wb1Is7Z4ZrJY5MdxvuAwH1UH2qvrHie4s/hw2uT2FxYX89sgisnQyyxzyYVE2pksdzDgDPsDxXUVFPbQXPl/aYI5fKcSR+YgbY46MM9CPWptpZ/13HfW5xfw4vrSBtR8O2Yv1gsSk9sb+zmt3aKQfN8syqxxIsnOMfMK7mojbQG7F0YI/tAQxibYN4QnJXd1xkA49qlqm7kpWCiiikMwp/wDkMab/ANfX/tCei68SvZ+Kl0q406WO2NjPeC9aRSH8ox7lVBlv+WnJbbyOAc5BP/yGNN/6+v8A2hPU15pMtz4s0/U8xG2t7K5t5EYncxlaEjAxjGImzz3HWh3/AD/J2/EatfUy9N8V6vqIeIaDBFdzWkd7YxNqGUlidsfvWEf7tl4JChxyMFucamia3Nq2hS3stgY7mCWeCS2gmEgaSJ2RgjttBBK8FgvviuPtPBGuabBe3Wj29jp93KkVpDZprFzLHHbB90gWZ4y0WR8qokYVMZHJ46vRLbWLOGwtpNP0rTrKKKRZre1uZJypyvllHaNM5/eFsrnOOTzT0f8AX9dPx7C1T/r+t/6ZkzfEGO28Kx6rfWttp9xNfT2KQX1+kUUbxSSITJNghRiMk4DckAbuCXXfje6tbi0VdNtbmAwWs13Pb3+5VFxL5SeR+7HnjIySdnGMZJxTG8KanbWdlPaLYXV/p+sXmoQw3EjJFIk7zYBcIxRgsoOQrcgjocjKHw/1iEWiL/Zc8ixrsvZHdZNJkMjPIbVdhyDvxyycKA24cA6/MJaXt5/n/kdf4j16bQYLSWLTZLxLi7ht5JFlRFgEkqRhmydx+/wFBzjkr1pfEOs3WkxWUenWUd5eX1yLeFJ7gwRA7Gcl3CsQNqHGFJJwPcV9U0vVtY0M2t21mlwupw3CGIuE8iK6SRQcgnf5ac9t3oKqeJdE1nWyyS2uj6jYw3QeLTbx3SK6iMQBEx2ONyyEso2MMBeh5C+z8/w0/wCCPQqL8QpZ7OC/s9I32Edrb3WoSSXW17ZJiQNihSJdoBZvmUbcEbicV21efr4K16OzlsDdWU9tqlvDDqEskkge3CMxIiG0+YCjCMFmQrtDfNkivQKbJMrxPqF7pfhu7vNLhM13GF8tRbSXGMsAW8uP53wCTheTiuQ1bx1qNhoGn3VtqWkyNMlyXurmwmt0nmiIC2iQtJvjmY5GGLHKNhDnA7vUEvZLGRNLuLe2uzjy5bmBpo155yiuhPGf4h/SuSPgPUIovNtNbtxf3CXKX01xp3mRSidgz7IxINhG0AZZxgfMG61Ot/6/r+tmVp1/r+v6sao1nVR41stMntLWGxutPmuVPmM83mRtCCG4CqB5pHG7OAcjocVPFeu/2Zrr202m6y9isXkXmmWU0sQkZ2WSJo0kdpGjADHawJDAYWuhTw6IdS0u6gu5Aum6fNYoJF3s4cxYct6jyfTnd2xzStPDutwXt/qsur6a+s3NvFbRzJpbpAkaMzfPH5xZ2+dhnzABxgdc07bLz/N2/T+tBLZX30/r+v8Agml4a1FtV0GG6kvYb2Qs6ySw2clqAysQVMMjM6MMYIY5yD06VnR+LWn8fzeHIV0sC3RWk83Utt02U3ZS3EZ3KMqCxcd/TnR8PaM+i6bJFcXIu7q4nkubmdYvLV5HbJ2rk7VHAAJJwBkk81meIdF1nxDqtrbN9lsNMtJvtEd/b3TNd7/KZMLGY9iHLn5tzcDG35jhPdf1/X6gtn/X9foW9I8TJrHiTV9MhtWSHTliKXRcFbgsXDbR2CtGy5zyQfTmJtf1aLxA2mXGj26+fbzz2Dpfbml8ooMSr5YEeTIuCpf3x0OVo/gzWfDWpXVxpWttfxNbWlrBFqSRKFSORjJnyYk5CMdnPLE7s8Ym0/TfE8N9qVzqOl6LdT3KyKly+pysWj3Exw+WbfEaYwG2k85YhjQ/LzBC3HjXUbLwvreo3Ogebe6LI6T29peq8J2wiXeJXVCV2sAcIWByApxmumvZ7xNOaXTLWO5uiB5cU03lISf7zhWIA9lJ9q5O28I6iPBPiLSvKsNObVIJYrTT7Sd5LWyDQ7AFYouAWyxCooGTwTknU1+28Tz201vobaeIWigVfMuJIJSd584eYqNsBTaFYLkEseODQ9vuH2fr+lijceMtUi8LSa1Hods62L3K6hGdQI2eQ5RvJPlHzSSrYDCPpg4NWl8Yw3Hjb/hH7RtNDxcTLc6iI7knZv8A3UAVjIACMklcc9cGszU/Dmsah4btdNj8PeH7V4ldYZV1GZm05iMLPC4gDM/JPWM5H3+ch/8AwiGpx64Vjaxk0+bUodTmvHZhdeZHGqbNgXaQTGPn3AhWZdp601vrt/X5av8AC5L20/rt/l+Ju6pr02m6/pGnDTZJYdSnaE3hlRUiYRSSY25LMf3foBg9c8VS0rxbcajrEEM2mLBp98Z1sboXO95DE2G3x7RszhiuGbgc7ScVPNpeq6gvhu41JrNbzT7r7TeiAuI2Jt5YyI8jP3pB1xxmszSvBz23jaTWHs7ewtYGmNtFb3804laU/NIY3VUgzySsYO5myT8vJ1+8cvLy/X/gHZUUUUgCsfxVqlzovhu4vrIQiWMoDLcAmKBWcK0rgEEqiksRkcKeR1GxWZ4g0iTWdNWC3uRazxTx3EMjxeYgeNgy70yNy5HIyD6EHBpMaOTtvF3iHVLCFdJbSnuUgurprpoZGt7yKKTZGYgJMoJOSHLOFA4Dgg122m30ep6TaX8IKx3UCTID1AZQw/nXKf8ACDakm+5ttfjg1G7E6X0y2OY3SUqW8qPzP3bLsG0szjJYkNnjrrO0isLGCztl2w28axRr6KowB+Qql8Ou/wDw/wDwPx0Jd76ba/pb9SaiiikMKKKKAOEsfHc+palqn2SaFkt47pbOx/s24MlxJASpK3GRG5yOY0UsMjJyCK2vBus3Os6TJJqF7Bc3cUuyWOLTZrFoDtVtjRTMz55yGOAQRgdzVtfCF9Z6kssOrQta2j3M+nW8lmSYZptxLSOJB5irvcBQEOG5YkA1paBot1pk1/eapfRX2oX8qvNJBbeRGoVQqqqFnIAAzyxySegwAL9P6/r8egM2aKKKAOa1LxNcQeNdJ0awihlt5pXjvpnJ3RN5LyRouONxCEnPQFePmBGdN4u1q003Wpb21sI7mw1i0sUjiZ5E8uY2+SWO0s2Jm5wo4HBxzbn+H2lt4js9YtbjUIJob576WP8AtG5aOZ2RlPyGTYvLDouCBtxg0a14Gh1vTdcsbq7/AHOsX9vdyL5Z+VYhADHwwJ3CDrxjd0OORdP66r9LjVr67G/pmq2esWrXOnSNLAJGjEhjZVcjglSwG9fRlyp7E1crO0LTbjSNLSxuLwXccB2Wz+VsdYgAFVzkhmA43ALnjjPJ0aPQQUUUUAFFFFABRRRQAVW1Bb57F10qW3hujgJJcxtIic8kqrKW47bh9as1k+JtJvNb0R7GwvYrJ5JELvNbmZJEDAtGyB0JVgNp+YcEjvSY0cl/wmmvXFiqWsmjx3UFveXctxPFJ5N3Fby+WPLUPlA3DFyzhQRw+c13dhdrf6bbXiKUW4hSUKeoDAHH61y+r+Db/X9Fs9O1a50KVYHO6RdDOY1wAptw8zCFwMgOd/UcDGD1lvBHa20VvAuyKJAiKOygYAqumv8AW/8AwPu8yXvp/X9a/eSUUUUhhRRRQAVz/jDUNW0jQ59T0mewiSzheaVLyB5TOQPljTa67Sx43fNyR8proK53xDoOrapq1he6ZqdhbpZqxFvf6e90nmEjEoCzR4ZQCAecbmxjNIaMz/hLtTOu7itgunLqa6VJZkMbrzWiD79+7aOWHybfu/Nu/hqPwt4t1zXo79UTSbu4hgjlCQtJCtnKzMGtZm+cmRAoJICk55Vcgm7e+CRq3iiLVtUfTT5MYCva6b5V0zBcfNcF2JQElggAwduScHM/h3wtd6PdJNf6nDeC2slsLVYLT7PthU5Bk+dt78DkbQOcKM0a8r/rp/nr899LNPy/rX/LT5edzQ8LanPrfhHSdUvFjW4vbOKeVYgQgZkBOASSBk9ya1azvD+lf2F4b07SfO8/7Dax2/m7Nu/YoXOMnGcdMmtGrlbmdgCiiipAKKKKACiiigAqhrl1JZaLc3MN/Y6c0Shjd6gpaCFcjLONyZGM/wAQ+tX6qalFfzWTLpN3BaXWQUluLczx9eQUDoTx6MP6UmNHDXfj+/ttL0yO4ktbS9u1uZmu1024u4mghk2CZYIm3hHBVwS+1QeScjPoMEizW8csciSq6hldPusCOo9jXGp4DvbS1jfStZgtNQcXS3MxsN0LrcOJH8uLeNhDAFSWbvuDk5rrbCyh03TbaxtgRDawpDGGOTtUADJ+gqun9ef/AAP8idb+X9f8H8NSxRRRSGFFFFABRRRQBzF1rmo2/jm30yC6028t5s+bYQxt9rtY/LZhO7+YRsLqEAKD74+Y4xXOWPxC1iXTLq5k/su4eOWxV1t43AsnnuRFJbS5c5lRTnPy8kZQDGem1Pw1fazrdvNqOpW506zmM9tDDZlLhHMbJzOZCNuHb7qKegz1zi3Pw0l1PR207WdXhngSC3s4VgsjCPs8UySbZMSHe5CBdw2AZJC84ojur/1/X9dm3a/9f1t/V9Tqo9ZttU0ea70qZ5IlcxrL5bIrkHBKFgNy+jLkHsTWHqupavbWfmaVHHdTA/MtzeNAirgkncEc/hjv1FatnplzpXhxrCe7F5HBhLdvK2OsIxtVzk7mAHLALn06k854isp9Q05beDStN1VS4L2+oymNBjkMCI3+YHHb3yMUpbaf1/X9MS8xJvFtwPCFtrdvDO73ccDQ28s2zDSlVUO3O0AuMnBwM8HpWVc/ELUoNPWVNPDXES3b3SNqBWNFtm2yeXJs+ckkbQQvfcVxSz6Drsnh6LSpLq0voobeDd9peTN26sTLHKx3Hy2XaM/Meu4MODmy+DdVazhU2ekXEamXytNlmcW+nliux4WEZJZNpx8qY3HaVHVvd2/rt/X5ArK1/wCv6/q51S+J7x/E1vpZtbqOG4tJLlLqSYDdsMYKhASf+WnJbbyOAetVbfxL4kuLi+sf7NtU1C1SKVUOqOYWjkLgZkEOVcbDldpHI+bmnjR7tNY0u7Nyk/2LT5raSSXIaWRzCQ2Bxj92xPPcVnaZoer2f9rXMFtpulTXNuVgs7O4eSAz/MfObMaAMSwBwhJC5JPADdunn+bsC2VySPxxraaVHeXmkMA+orZb7fUN8SqZli8zcyIx+ZmwAhztzkAg11n2q4/57yf99mufv9BMnhqz0qwMcYtZrRhvJA2xTRuegPJCH8fzrbo0t/XkC2udBYO0ljGznc3OSfrWP4h8RXul3SWukaWmpXItpLyaN7nydsKEA7Ttbc5LYVTtBwcsMc6+nAjT4sjHU8/U1h+ItH1ifVEv9AayMslnLYzLeOyCNXKkSrtVtxUg/Idu7d95ccy79P600/Gw1br/AFrr+BevNT1CbR7W/wDDlpY3qToJSb29e2URldwYFYpM/TA+tc83i/xUPDtlq6eGNLMd4IwkDaxKspaR9qAD7L3BU87cZOQMGtKTQtTPhi50GN7P7GqwWlq2XDm1CxrL5nB+cgSYxxyuccmtK90yW61vSpgIRY2IlkKHO7zSoSMgYxgK0nfrtx7W7c2m1/w/r8SY35VfconX9Wh8QHTLrRoF8+3mnsWivt7SeUUBEilAI8+YuCC/vg8Gz4f1m71RtQttTsYbO80+4EEyW9yZ4mzGkgKuUQ9HGQVGD6jBrCh0zxlE+rXAs9G/tK6jlS21JtSlcxjcTEnlG32ooBGcE5IyQxNbfhayvtP06S31DTbOxPmFwbbUJLtpieWeR5IkJYn6/XtUrbXt+v8AkNm3RRRQAUUUUAFFFFABVDXLqSy0W5uYb+x05olDG71BS0EK5GWcbkyMZ/iH1q/VTUor+ayZdJu4LS6yCktxbmePryCgdCePRh/Skxo46PxT4lvtPto9PTTUvha3N5LLNBIYbmOKXZH5ahwUEo+cMS+0Y4fOavaD47t9U1G5gucRiS4gjsI4oXeR1ktopiXC5wAZMFsBR8uTzzBH4CvLS3VtN1qK0vJluUvJVsQY3WeTzH8qPePLYN90kuBk7g5Oak0zwAmieKJ9b0e/EEk5iieKSAuptkijj8r74+bMe4OMYyQQwqo+f9a/5W/HTun5f1t/wfwV+p2NFFFIAooooAKKKKACiiigAooooAKKKKAMKf8A5DGm/wDX1/7QnqaXxLZQ+JP7Fliukm+yyXTTvAVhCIU3AOcbj+8X7uQOckHioZ/+Qxpv/X1/7Qno1HSprzxlp120HmWMenXlvOxYfekeAquM55CP09PpQ79PP8n+o1a+pXsfGkeoRTG30TVvOWFLm2t3jiV7yFzhZI8yYA9RIUZcjcBkVpaXrsGqaM+orb3VuImkjmt5I90sbxsVddqFtxBU/dLZ7ZrhbDSPEukpc6hptjrUhit4tOs7W/uLOS5ih8wF3Ta4jIVcbfMdnY53ZAGes8Om6tLaysofD95YWrLO88l9cwtMkm4NuYRu4cyF3YkNwVOQMino9v6/pb+eiF1s/wCu/wCO3l8gh8Y2lzoMep21jfytPdS2kFl5SrPLLG7qVCswC/6tm+crgDnB4pl540t9PvLe2u9K1FGaOGS7YLEy2AlfZH5pEhzlgR+734wScDmufv8AwlcT6PZnUtCXWIrTXL68l0wvETcRSyT7CA7CNseYjbXI79wBWevhPX4IrGJ9KlmnjhhFlJFdoINPKzNJsuELgzKgKBcLIBsJUIfmJ1+YS0v8/wA/8jv9c8QWugLaG7gu5ftVxHbobeAuqM8ioC7fdUZcdSCecAnina5riaJDbkWd1f3F1N5Fva2gTzJW2ljguyqAFViSzDp6kA52uW+qa34f8o6d5FxHq1u6xeerboYrxG8zPAGY037eo6cmqniq21XVHSNtEuriws70Nssb5Ibm5Qw8SRvvQxlZGKkb1JCnkg7Svs/P8NB6Ex+IGmstrLb2l9PbTQwzz3CRqFsklYqhlDMG5YMCFDbcEtgc11NeZxeG/EMOk3GkvpatHq9nb2zTQyxKmnqhZSsgyCSIigHlqwLBs7Rg16ZTduhJleJ9cXw54bu9VZIX+zhcCecQx5Zgo3SEHauTycHA7VgX/jq8s9FsryDT9NvnmtLi+la11XdbCCHG4xzGIeY5DLhdqj72WGMnq9Qe9jsZH0u3t7m7GPLiuZ2hjbnnLqjkcZ/hP9a4K48DazJaI81ro2oTTS3NxJZXM0iwWc80m9ZoW8tizpyM7UJJJBTJBnW/9f1r/VtytOv9f1/XY6pPEUr+LLXRzpc0UFzZSXUd3LIo3bDECoQEt/y15LbcEcA9RmTePP8AiZatZWWmmd7OS2gtHafYl3LM7R4yFJVEZGDNgn5WwDgZuT+HLyfUtNlfUXxa6Vc2Mt2hCzmSTycSqCCoP7pjz0JHBrnovhzqmmXks+n65LerbxWf2KC/EKKWgkdtjmKFdoKttDDcRvYkNgVWl1/XX/InXlv1/U7DQNXl1eyma7tVtLy1uHtrmBJfNVHX+6+BuUqVYEgHDDIB4pia80viWXSbfSb6VINonv1MIgiZk3BTmQOTjH3UI5HPXB4c0y60+0updSMP22/unup0t2LRxkgKEViAWAVVG4gZIJwM4rn/ABBoVzqXi+2uND0JdM1CGTfJ4keOAh08plEeFfzZBllBRgq/KTnhaT6f16/iNdfn/wAA6LT/ABFZan4g1TSLUSmfTBF58jJiMlwxAU55I2kH0PHUHFf/AISgLq82nzaNqcUghlmtnZItt4IyAwjw5IPzLjzAmc8Vz3h/QfFPhfV72aT7FrEDWtpbx+RCbVpT5z+ZIzPNJyokZ2yPnJAGCDmzYS6xNrF9f6v4X1ZrtY5obZ1ubVYUh3ZCRFZt4dwqEswHzADKgDA/8/6/r8WCLs3juztPD2papfaXqlu+lyNHdWXkLLNGwjEnJjZkwUYHdv2jOCQeK3r69e009rmGzuL1wBst7cL5jk9huZVH1JA964uDQdWl8B+K7GOwurb+0YZlsLO+uI5bkFoAn7yUMwYlxwWkcgYywGFXb1++8Q2trLBomjS3JEUGy4hnh35ZyJQqSMq7kQBgWOCWHBwQR7fcPs/X9LEU/jiGDQf7W/sXVXtommF6FWHdY+U22QyZkAbGD/qy+QDjNaa68JtcOm2en3l0sZAubyMRrDbMV3BW3OGJIKn5FbG4ZxXJ6ppt5c+D4tM0/wALa5DM3mmMyX9sPLnYk+bcgTFJUZmLEESg85ToDCPCF7F41N5/Yscl7NqMV6dfR4x5UKxKskGC3mDcVYbVXYRJuJyCKa31/r+t/wDMl7af1/W3+VjstQ8QWuna5pulTQXbzajIY45EgPlIQjv80hwucRt8oJbpxjmq2neLrTUtYFjHZ3sUcvmi1vJUQQ3RibbIEwxYYOfvKu4AldwGahu7fVNWbwre3GnfZJ7e9+03tv56v9nBtpkI3DAbDOo49c9KydG8NXsPjZZ0j1W10jTmuGghvp7d42eU8+QIyX2cs3705GVCgDIB1t6jlpt5fm/+Ad1RRRSAKzPEOrPomjSXkNt9qm8yOGKIyeWrPI6ou58HauWGTg4GeD0rTrH8U6XdaxoT2tl5Dv5iO9vcsViuUVgWhcgEhWGQeG68gjIKY0Yf/Cc6jNahbHQYrjUIRdPeW/27bGi28nlv5cnlnzGZvugqgOG3FSMV11ndxX9jBeWzbobiNZY29VYZB/I1wtt4R8RabGJ9LGkwyzQz2psfNk+z2EUhUp5TCPLhNpOwrGDvIBUAV2+m2MemaTaWEJLR2sCQoT1IVQo/lVL4dd/+H/4H4kvfTbX9LfqWaKKKQwrC13XNQ0a9tGXTIbjTZp4beWf7WVmV5ZBGuyLYQ4BZSSXXjOAcVu1yviTQdR1jWrOS0stNhEDxsmrm4dLy2UOGeNFWP5lYLtP7xQQxypAwRboOjFsvGFzdakqNpH+g3RuE0+eK5DS3Dwkgq0bKqpu2sUO8ggfNt6Vp+Gtak1/Rzez2TWMi3M9u0DSCQqYpWj5I4ydmeMgZxk9ax9H8M6raatZJfPZnTdKmuJrN4nYyzGUtgOpUBAiuy8M27g/L0rY8OaXPpGmz29y0bPJfXVyDGSRtlneRRyBzhxn3z1oWwPb5/ozWrE8UazqOhaXLqFhptve29rDJcXRmvDAVjQZOzCNubAOAdo/2hW3XM+KdO1zUL+yGn2WnahpsSs89peX8lsJJQylCdkMm9QA3ynAJIJzgUhonvvFSWniXR9Ihs5J31EMZZN4X7MBGzoGHctsYAcfdJz0zm3PjXUNMku4dY0WCK4gazZFt74yq0dxceSCxMa7WBBJUAg44b0guPA2p/wDCQWms2ev3YkF899cWkxgaIMYWjCK4g3lRlU5PCZxhsVTl8IeI9X8J3mlarDp9ne3c1rNcana6pLNLM8cyO7fNAvl4VTsAyFOAABzT6oS8zvbW+tL4SmyuobkQytDKYZA/lyL95Gx0YdweRU9ZPhrT7vSdDh069S1AtP3ML2xOJYwPldlIGxj3AJGec84GtQAUUUUAFFFFABRRRQAVzun+ItS1SDWFtdD8m90+7W2jtru7VQ+Yo5NzugcIMSdF39PfA6KuTv8AQ9ehh199FktfP1TUIZ0Ely8OIRDDHIvmKjFHPlsAQDjIOQeh/X4r/gjVindfEG9g0tJ49Ehe5jW9kvI3v9kUaWj7JfLk8v8AeEk/KCqcZ3FcV2sMgmgSVQyh1DAMMEZHcetcHqPhPV7/AE+wj/sTQdlrDJCmnS30rw2zkgpcxyeQCZVwf4VPzEhxk57ixgktdPt4J7hrmWKJUedxgysBgsR6nrT6f15/8D+r2l76f1/Wv9bz0UUUhhRRRQAVz3iLxJeaTdC20rS01GdLWS8nWS68gLChAO07W3OSeFOBwcsvGehrlPG/hifxGlullZ2pm2SQveyX81u9vG+MgJEv79TjJjdlUlVz7J36DVuo1PG0tzfo9lpiSaRJcJZrevclH894w6/u9h/d5ZULbshiflwM0+18R+I/7WvLG/8ADdozWtqs5/s7UzMWZ2Kqn72KJRwrsfm4CjjkVUtvB+o2l/HYQvaHQkv4tQEjSN9oDRooEWzbtxvQPv3dCV2/xV0Oj6bPZf2hNeGJrm9u5JmaMkjZ92MHIHIjVM9s569actnb+tF+t/u++Vfr/Wr/AEt94/w9qx13wzpurGD7Ob61juDCH3+XvUNt3YGcZ64FaNZXhfS5tE8JaTpd00bz2VnFBI0ZJUsqAEgkA449K1aqVuZ22GFFFFSAUUUUAFFFFABXN2XiLV9Vh1ZLDQ4ob3T7xbYW1/fCMOpijk3M8aSBTiToN3TqM4HSVgR6RqVp/wAJPPZS24udSm86yLs21GFtHEu/jj54yeM8Y+lLv6fqv+CNWZkt4y8QReGrrWp/Dth5FlLOJxHqrndFEcFoswAuxYOApCg7Qd3zCu0U5UHBGR0Nch4g8LXdzoFjo+kabpcyW0HlQ3l1cPFNYSBdqzQ7I2JYcnhozkfe5yOtgjaK3jjeQyMiBS7dWIHU1WhPYfRRRSGFFFFABWJ4o1nUdC0uXULDTbe9t7WGS4ujNeGArGgydmEbc2AcA7R/tCtuuZ8U6drmoX9kNPstO1DTYlZ57S8v5LYSShlKE7IZN6gBvlOASQTnApDRPPr+oW3iKwtJ9LiGn6i5it7lbomYOImlO+HZhVwjDIcnOOOazpvGuoacL6LWNFghubWSyAS2vjMjJcz+UpLGNSHUgkrgjGMNzw+40LV7zxda6mLHStPMDBpL+2upGuLlAhAgkTy1BjDNnJdh8oIUE/Li3ngLV9V0vVIPK0/QFvpLVha6XdyNGGjuBLJcZMSBZWAxwmSVBLHja1uv6/r+vUX/AAP6/r89D0C1vrS+EpsrqG5EMrQymGQP5ci/eRsdGHcHkUzU9Qg0nS7nULwsILaNpH2ruYgDoB3J6AdzVPw1p93pOhw6depagWn7mF7YnEsYHyuykDYx7gEjPOecCr4q0TVtZWzOkalaWi2sjSvDdWTXCzPj5Puyx42nJGcjO09qU7paf1/XYcdXqXIdcW68M22tWNheXS3UEc8NrGqCZg4BA+ZgoPPOWAHrWfc+OdNsvB8/iG8t7yGK3keGW1MatOsquUZMKxUkEHkMVwCc45rJsT4v0PwLYaXFo5ury2sLWNp7SSFWVixWVVjkk2lo0AIYvtZj0wCKzda8Ja9q3hdxoaf2YI7O4iTTNWt0nnmml3F5vNiudgd9xGTnG5uBnFXK3M7bX/r+v+CJbK+/9f19/kb+q+LpbDxJHp0lleQ28ziKK9KRmFpNhfb97f0B527eOtZFv8TEntnl+y6hGzJFJaxPDHvvEkYrG0eGwNxHRypA5YKOarXw1y48Xt/aukXUptcJZXUJgW0VjCFM7IZjLkkuMYOFPGSSTz1j4bvo7KfzdH1S2aKCHPk3cDzyXKSZWS3LOUSJcsdjbFw2BGOQZX9f1/Xn1aOnn/X4f8Hyv10/xDmg0g6idO1JoYTIL1Vjh3WXln5zIC/OBz8m/I5GeK6EandMoIm4IyPlH+Feay6FqyeF3tJdP1O9v76Wa5Eq3kKi3kbhRcLuVJBjBZQkiZDAKQBnvoRIsEYmYNIFAdgMAnHJp9A6/wBfL+vyLv8AaV3/AM9f/HR/hWbrHi5tEW2NyLmX7TPHAvkW+4KXdUBZsbVGWHU5PYE8VYrJ8S2VxqGkxw2kfmSLe2kpXcB8qXEbsefRVJ/Ckt18gNDV/FNxpMcGIri9uLmTyoLa2WPfIdpY4LlVACqTkkdMdSAaD/EBhbWV2lpfyWN15Ya7WKMJbs7BArqWD53HB2q2O+Koav8A2sdXtr+DR5LiPTbllSOK4j8y5ieHBdQ5VVKucYZhkKSOwrItbLWbWSxsNS0O9vLKFhdH7FNb+Ubh5WkO/wAyRXKxkrtwOSMnPAAt/u/r+uoM6t/HEkZvpnguxYWKSNLqHlx+UWj++ijd5jEEEZCYyCM1Po3iy41hJwYLqwuLZwk1tdpHvTKhlOULKQQR0J7g4IxXny+D9Rt7i6TTNGhtrsfbGl1N2jK6gkpYpERkscbhw67VKcbga6bwjp9xYi+L2Fzp9rNIjQwXtws9xuCgMzyB3yDhQAXJAXHAwALb5Az0mFzJBG7dWUE4+lPqK1/484f+ua/yqWgAooooAKKKKACqmpSahFZM2j2trdXWRtiurloEI7/OqOR/3z+VW6rakl3JpN2mmNGl60Li3aUkIJNp2lsAnGcdjSd7aDWrOPh8c65NbuqeG7SS7iNzK0UWpsUaCBgjMjtCCXZywVSqghSd4GM7Gk+MtO1O6u0eSG1ijuYLe1klnA+1NLAkyhQcfNh8bRknbmqOoeGdUsxZHwx9hHlaa2mSLdu6BFO0rKu1W3FSp+Q7d277wxzQ0TwFf+HfGEur2M1vc27eTbJb3EjDy4Ft4Y2kUhTtlzF06MuASuKpW2f9a/5W+99ifNf1t/wfuO+ooopDCiiigAooooAKKKKACiiigAooooAwp/8AkMab/wBfX/tCern/AAkGlHXzogvom1FYWne3U5KIu3JYjhfvrgHBIORxmqc//IY03/r6/wDaE9Q6tp73vjfTS8MrWh0q+hllVTtUu9vgFugJCtj6H0od/wA/yY1ZvUktvG2g3ltcz2tzPKtsqOyrZTF5EckI8SbN0qsQcMgYHBwTWhY63p2o6QdTtrkCzUP5kkymIxbCQ4dXAKFSDkMARjmvO9MvNZ0gzaoq32p21jZw6XaSPoNzbycyDLtBzJJsUBmZVVW6KByR13he7tbe0tLKzt9Vm+1G4uJby60+S2Hm7wz71kVSm5pDtGMYU4PFPfb+v6Wv+Yutn/X9PQuJ4t0SXQRrEF751i0rQxvFC7tK6uUKogUs5ypxtBzjIyOaZP4x0W1urO3ubieGW8RHRZLOZfLDttTzcp+53N8o8zbkggciuPvNJn/sbT5dRg1eOytvEOoT3SacJluPLeW4EbqIv3pUl05TnDZ+7ms57XWnW1/tC01druS3thbQ/ZXlS/CTu6JeShT5RRShJLJkltxkGVB1+YS0uvX8z03Vde0vRGtV1S9jt3vJlgt42yWldmCgKo5PLLk9BnJwKXWNbsdCtEuNSkkVZJBFGkMEk0kjkE7VjjVmY4BPAOACegNY3iOWfWfDQ+zafeI8WsWqGKWEh2WK9j3SADPyYUsG/u88VT8X3k11PbqlrrFnDp1+BJqNlYmeaPMBIeFAr71Jfy2OxgPm4GNwX2b+f4af5jsa7+NNAjksV+37xfxxyQyRwSPGFkO2Mu6qVjDNwu8rkggZINbteTW9jqMGh3ekvot7FPrFhbW9k0du7LHsZ1JlfkRFVKyEOwJLEDcwIr1mmyblHWdUj0XSZ7+WCa4EW0CGAKXkZmChV3EDJJA5IHvWRqPjRdKs7aW90LVVuJopbiSzQQPLbwxEb5XKylCBuXhWZjuGFJyBq69DDPodxFdaMdbhYAPp4SJvOGRxiVlQ468kdPWvOpvCeqjR4IZfD1zLZN9s+z6ZY3kUT2HmuDGjneqtCFyGjVnTJxtcAYm7v/X9f1uitOv9f1/Vzvo/EtlN4kh0aKK6aaa1e6ScwFYWRTHwHONx/er93IHOSDxUK+LtOfUtYso4ryWTSFiNwYbZpN5kzhUC5LEbcHAwPXg4q3Gk6zNrWk3IlhS4g0e6tprxUDRx3Dm32sI8gsuY3OOOBgkZFUfCHhnXtB8Q3x1O8sruyawghjlgtGhaWRXlZi26ZznLksSPmLjGMHLlonbz/N/p+Yl8KZ1GjapDrmh2Oq2qSRw3tulxGkoAdVZQwBwSM89iag/4SLTz4gOiobqS9UAv5dlM8UeVLANME8tSQOhYHp6iovB9hc6V4J0Wwv4/KurWxhhmj3BtrqgBGRkHkdq57XYpk8aRSeFINTGtPKGu2nF0mnSRCFgN7EeSTnyxmMFwfowpzspWWw7aM6221nT7zV73S7W5WS9sBGbqJQf3XmAlMnpkgZx9PUVTXxZpDX9zZ+dcLPbRySsHs5lEipgOYmKYlwSAdhbqPWuS8MxeIPDviDU59d0RZRLa2aST6dPJctcTNNIGf5oYxgeYWbB+RQMZHS7Z65HqPiC61HUbXWreeyhuILW3TRbkCKPeN0nmGPZI7eWrKFzxwAxJynp+IkbT+OPD0OhXGr3WoG0tLaQxTC6gkhlRwu7YYnUSbivzBduSCCMitW+1G306we8uTIYlA4hheV2z0CogLMfYAmuDjtr67+H3jVYoL67+2Qz/AGa4u7J4Lu9Y2wTLxFVOQV2DCICFGF/ibo9e8SXGjWksVrpWoXE0cUBWaOykniHmOUJxGC7FApZlAzgryM5A9F9w+z9f0/zHzeN9Bg0yDUJLi5+yzFwZFsZ28nYdr+aAmYdp4Jk245z0q8+v6eutJpSvNLdsASIbaSVIsjI8yRVKR5AyNxGe1cRqrwHwKbDTW8QSzXn2h2RtDnC38zkl45laINFGzP13RDHR8A02Gx1O08byyCPWY9SutThnHlNMdP8AsnkosobH7rcNrqA37zITHy4NNb/1/Xm/JbEvRX/r+unqd3d69pdlrFnpVzexpf3xIt7YZLvhWYnA6DCNycDIxnPFQ2XijSNR1iXS7O6Z7qLf1gkVJNjBX2SFQkm1iA20naeDg1m6hLPrMvhDUIbC8gQ6gZ5Yp4SsluptJx+8HO3lgOe5ArF0LTb9fG1va29xcT6To73TqbjSpLYo0pICCVyBPyWw0agBV+YsSCS2tn5jlp+H6noVFFFIAqhrWrQ6Jpb3s8U04VkjSGBQZJXdgiIuSBkswHJAGckgc1frD8YWV3qHh14LK3a6zNE01vHIscksauCyxuxAV8D5WyuD0ZThgmNFCXx/aR2Mc0ek6pPPidrizijjM1qsLBZWcF9pCkjhCxbPyhq6iGaO4t45oHDxSKHRh0YEZBrzmx0fxDpAN3ZaFNMlzBdWsNnJdxGe1Ejq6PPIXIfLeYXZWkf5l++cmu90ew/srQrDT9/mfZLaODf/AHtqhc/pVL4bv+t/+B9+7Je+m2v6f8H7i5RRRSGFZWoeILXTtc03SpoLt5tRkMcciQHykIR3+aQ4XOI2+UEt04xzWrWLrun3N7qvh6a2j3x2eotPOdwGxPs0yZ56/M6jA55oW4dH6MrW3jS0utUns4tO1DCCcW8/loUvGhYLIseG3ZDHHzhQcEgkDNX9D11daW6R7G70+5s5RFPa3fl70JVXHMbMhBVgeGPocHiuKh0vxLperXeo6foMsupRLds80t3Eba83tmNYI/MHlEkIXJWPdsO4ucNXVeEopYrK5N1pepWNzNN5s82pSW7SXTlQN/7mR1AAVVA4wAABQtte34g9/mb9ZWueILXQFtDdwXcv2q4jt0NvAXVGeRUBdvuqMuOpBPOATxWrWL4r0+51LRYoLKPzZVv7OYruA+SO5jdzz6KpP4cULdeqAcPEO7xFPpcWl30kVsB9o1AGFbeElN4B3SBycY+6hHI564y4viFp72rXE+n6jbI32d7fzo483MU8oijlTDn5dzAkNtcAjK8gGn4i8PNrHi2B7Dw59iuEcm58QHyE86EwspiBVjK+SwG1lC/LnPC5xNT8MeJ9c0KGIae2mXmn2lpYxO0sUnmOtzDJJOgDEeWohBUNtZuQVHGSOr1/rf8A4C+/1G99P61X6Xf9WPU6KwvB+nyaXoItLjTRZXKSN9okDq4vJON1xuBLHeefnw3Y9ATu0CCiiigAooooAKKKKACqmpXk9jZNPa6bdalICALe1aJXPvmR0Xj/AHqt1W1KS6h0m7k06D7RdpC7QQ7gvmOFO1cnAGTgZNJ7DWrsc9a+OheW2YPD2rteG4lgSwBtjI/lECRw4m8rarMFJLg7uACa6lSSoJBUkdD1FedeJPBIMOlE+Hl8SR2unTWZt3ljDJO5RhOTIwHVXywy4LZUHJx3ml289po9nbXk/wBouIYEjlmP/LRwoBb8TzVdP68/8r/Mm+v9f15fItUUUUhhRRRQAVka1rzaRcWlvb6Vfapc3ZfZDZmIFVUAsxMsiKByO+eela9cp4+0pNY0kWq+Fv7cu3jkW1uD5CixkIAEm+Rg6c4O6MMw29M4ynoNas1v+Ehtf+EoTQTBdi5e2e581oCsO1CgIDnAY/vF+7kDnJB4qrD4tgl0241FtN1CKwQJ9muXSMi93ttXykDl+SQBvVc7genNRXGjX03iHSZZD5scGk3VrcXJI/1jm3wccE58tzwO3bIrg7b4e3Y0hbaPwvHZxWdvape2wnixrcsUyszghucqrgGXaW8zDBRk07a2/rd6/cl94vs3PVtOu5r2xSe50+506Ric2900bOuD3MbuvPXhjVqud8FaXLpWjXEb6eNKgmu5JrbTQUP2OI4wnyEoMkFsKSBvxniuipsSCiiikMKKKKACiiigArnE8bWEthqN1FZ6gTY3aWQgkt/KluJXWMoqK5UjPmqMvt7k4Xmujrir/Q9VE+tXttZ+e/8AbdtqFtCJUBuI44YEcKScBvkcAMVGQMkA5oW+v9ar9Lj6M0l8ZwzWcLWmk6lc38sksbaYixCeIxECTcWkEYA3Lzvwdy7c5rolJKgkFSR0PUV5Zqng28v7uTWtU8KLq7X32rGmSTQlrN5BEIpGLNsyFi+YoWKlvl3cmvStLt57TR7O2vJ/tFxDAkcsx/5aOFALfieaa+G73/r+vmS/it01LVFFFIYUUUUAFZWueILXQFtDdwXcv2q4jt0NvAXVGeRUBdvuqMuOpBPOATxWrWL4r0+51LRYoLKPzZVv7OYruA+SO5jdzz6KpP4cULdeqAlv/EVlp3iDS9GmEr3epmTyvLTKoEQsS5zwDggepz6HGdD42ifR31W40bU7Sy8+GGCWbyD9o82URKyqshIALAncFODwD0rKuvC3iVfG9jqqanYXVodSaeVTYMssEIhkRU3mfDABsDCD5nLEdQcbUfCGpX9rqx8NeHf+EXS5ayCW+LYGSWO6Ej3Bjido/lT1bc2MEcLQt1/X9dv+APr/AF/XmeqVDd3cFhZT3l5KsNvbxtLLI5wEVRkk+wArI8H6fJpegi0uNNFlcpI32iQOri8k43XG4Esd55+fDdj0BMHjGy12/t7WHRbWxurZXMl3Bd3bwGUKMooKxSZG7kjAztA6E0puy0COr1NM67p/9gxaykkktjNEksTQwSSPIrgFdsaqXJORwBn2qvJ4t0SLwzJ4gnvvJ02IkSyyxOjRsH2FWQjeGDfLtIznjFc1pXiDVNA+HumWtzoN8uoW+nWit5NpNcxx7z5fIRQ7MgXe6BQRkDPOaxdf0rWtQ8GzL4esv7SsFtrqWVdQW4srqa8kLFpBA1uSwG47Fyoy3+yDVySUmltcS2V9zsdQ8V6fF4lGjun+lEBUaa0k8uQ7d+1ZSoQtt52hicAnHWqcXjTSZYbqf9xHbWuPMupbV44Tzj5JWAR+ePlJ5rA8QSX9/wCMrKOOO9N1AR59vJav9ktSYGBliuNiBmywXktwx+RTkjP8CWl1ZSR2yrq6QwackV6upGUr9qBA/c7/AJdoAbPl/JjZio6P+u/4fq0K+i/r+v8AI7GbxhpVv4bXX52tY9MaJJlnaBhlWxtO372TkcYzzWmL7IyLa2/7915PqWkeJJvhxplta6bbzwW+iBXtZ55IpxcGLb/qxE24qM4Ukcn2FelW5lNrEbhEjmKDeiOWVWxyASBke+B9KuSSbsN6OxvWIhurcu9vCGDYOEHNU9b1vQ/DqxNqxEQkDMBHavKVRcbnYIp2ouRl2woyMkZFW9I/482/66H+QrnvFMk2neIFvjp15fQ3Glz2cYtLdpiJiylUYKDtDAH52wg2/MRkVDbW39afrsNJP+vP9NzpLp9PstPmvrryIrWGIzSTMo2qgGS2fTHNZR8T+HQ2nct5epRxSW0/2GXySJOI90mzYhY8AMQSSBjmsO7tPEVxoFhounadDOmkpFFf/wBoXD2y3hWFGXymWOTem4/NkDJTbyM1mQnVD4V8K6ZPZ6impW8NkzaYLGSWzk2uh3Sz+WvlugUttLrhhgq/G67Lma6XX3ak3fKm+x21preiXusyaVArC7RWYLLZyRrKFIDGN2ULIASAdhOMjNWNNv8ASNXa8GmtDcGyuWtbjbHwkqgFlyRyRkdPp2rj31LUtf1O+n023u7TWoYp7TTYb7Trq3t4UMgDytcGJkZ2CKy4yBwMHJNaPw+sNU01tdt9U0u30+P7chgEFy84kAgiUkM8Sbh8v3u7bgemTMdd+36/5Den3nY0UUUAFFFFABRRRQAVQ1jVodF083U0U07M6xRQQKDJNIxwqLkgZJPUkAdSQATV+sbxVYf2hoEirBfzzRSRzQDTpIknWRWBVkMpEeR1IY4IyCDnBTGikfGySW9r9j0PVbu8nllhexjECy27RYD7y8qpxkYKsc7gRkHNa9hrEGo6hqVnCkqy6bMkMxcDBZo0kG3BORhwOcc5+tcFc+FLpvBr2up+Gpte1a/luLiKe5e1L6dLIAFd5Cy7WGFJMCtgqdowFzNYeFdZtPH9zqmq2f8Aa2nvdQmFC0eYpRbQobzBYA4KOuD8y9VByc0t7P8Ap6f8H/O17Lpf1/PT8P8Ahtj0aiiikAUUUUAFFFFABRRRQAUUUUAFFFFAGFP/AMhjTf8Ar6/9oT1rtd2y3qWbXEQupI2kSAuN7IpALBepALKCe2R61kT/APIY03/r6/8AaE9Z2qabbN8SbF4Io7a4vdHvkmuY0AkfD2yqSw5OAeM9KHf8/wAmxpXZtr4m0F7W9uU1vTmg09yl5KLuMrbMOCJDnCH2OKuWV7a6jZxXmn3MN3bTLujngkDo49Qw4IryfRfEdrozPqV5LoFxp+ladbaUl5p14DayzeZiPfIyhYyMlioL+WGzltwFdl4VvNBk0mLTI9U0/WJNVa7upPshE1vKTJumUEZXapmVcE5IP1p27f1/w618kLrZ/wBf8Nt5/I6B9Z0uLTJdRk1K0SxhLCW6adRFGVYqwL5wMMCDk8EYqL/hI9E8ywj/ALY0/fqS7rJftSZuh6xjPzjkdM9a85liis/Dekg6kug6Va+JdQ868SOIJagS3Ij/ANYpjQbtqgspAJHfFULrV3vngn1W7gW6ubazxbzRBbjWkjuXeI2w42MflZgFb744jwGo6/MJaXXa/wCDsew3N3bWUayXlxFbo8ixq0rhQzsQqqCe5JAA7k1HqWqWGj2L3ur31tYWqEBp7qZYkUk4GWYgDJ4rlvF82l61oFtf26Q3MllrVrbpO8PzwyLfRRyBSwyOVIJHBx3FQ+NdcsPtVksepWmnzaXqQEt/fxk21nIbdmAkBKBtySADDrgsOcjaV9m/n/l/mOx1U2u6Tb3VnbT6pZRT34zaRPcIGuR/0zBOX6jpnrV+vGLWazg8O3Wmsphvr/TbGHRopvv3JjkfY0QwNwD4l+UfIrqxAFez02Tcq6nqVro+mzX+oSNHbwjLssbSN1wAFUFmJJAAAJNZV3410Sw0+2vL6W7t47kOyJLp9wsiqn33eMpvRF4y7AKMgk8irfiSKwm8P3KaxFeS2Z2mRbJJ2m4YEFRB+8yDg5XpjPSvOLy31KXS4DfR+IIrN4r6GznjtJbm7khd18u3nBDOqMozuba4wuXRs7pvr/X9ehVlu/6/rqelJ4g0qXXhosV9FJqPkG4MEZ3FUG3liOF++uASCQcjIqGfxRpEF1qNsbppbjTBEbqGCCSWRPM5QBUUlmIGdq5PtzWTPb6sfEGh3NvYRx3UWh3iFCW+zxTsbYrGzqDgZVvU4UkA4rmtOk8T+E9Q1e61LQ45ZJbW0ja6sWuL7zZmll3ylEgVmA3szKvQBFHBytNW/rzaEvhTPRtL1Wz1rT1vdOlaSFmZfnjaNlZSVZWRgGVgQQQQCCKY+vaPFrUejy6rYpqki7ksWuUE7jBORHncRgE9Oxqn4SW1Tw+v2NryTfLJJLJe2clrJJK7l3by5FUgFmOOMYwB0rnNZ1JdH8dZ8O6udS1a8mX7b4dSSAkosBw/3RJEflTDO+z5sfxA0nowWqZ3KXdvLdS2sdxE9xCqtLErgvGGztJHUA4OM9cGqcfiHRZbq9totXsHuLBS93Etyhe2UdTIM5QfXFcF4T1STSPFmt3fiXSr3S7i6trFru4uPJcPO8skaACKSQ4JZUX0VPmx3u2nibw3rPiWe+Gt6LbJpVvd20Vo1xG0vLr500sYIKoDFwO4JZiMgAen4/1/XqCOxt9f0e70d9WtdWsZ9NjDF72O5RoVC/eJcHaMd+eKs3l/aadYyXuoXUNraxLuknnkCIg9Sx4ArzGcWWtfDnx1cz/2fq/yzXKalaqHtp5RaKokhB3bCgULw74IPzZJUdh4g8YaN4esnXUZoPtFvHbyCO4by41MrlI2aRhtUblbJ5ICk46ZHovu/Edtn6/hb/M0JPFHh+G2sriXXNNjg1A7bOVruMLcnpiM5w/UdM1Zn1jTLXVLfTbnUbSG/ugTBayTqsswHUqhOWxg9BXm+ralosHw7ntrbxNoF0+pfbJJkjlVvt7SszSQWzqxw25woO2Q/dyuTUlrqV5Y+ProDVXg1C+1OBRoTwxZltDAgMudvmEJh/mDBAUKkFictb2Jeiv/AF/X/A3PSpru2t5oIbi4iiluHKQo7hWlYKWIUHqcAnA7AmobfWNMu9TuNOtdRtJr61ANxaxzq0sIPTcgOVzkdRXMarLper6v4L17To4ZvtV8RDd+TtkaE2lwwXJAYLnnB71jeHBKPHlnpVrcaTfRaPJfPPc2FwZJkEz52TrtxE+4/d3MXKFsLtxRbWz8xy0/D82v0PTKKKKQBVXU9TtNH06W+1GXyreLG5gjOSSQAoVQSzEkAKASSQAM1arn/G0c0vhplhhnkAuIXke2iMk0CLIrGWNACWdcbgMN0+633SmNCT+OvD9vpsF9LeSiCcyY22kzPGIziQyIE3RhDwxcKFJGSM10CsHUMpDKRkEHgivLbD7ZpbyX02k6te213b3tvbSmxc3FxI8iurTRhQYjId4yyogCLnYCoHomhWcuneHdOsrlt01taxQyMDnLKgBP5iqWsb/11/yX3kt62Xn+n9fIv0UUUhhRRRQBhQeMNJuNbi0lV1KK7md0jFxpN1DG5QEtiR4whGB1zg9uorQ03WdP1drwabcrcGyuWtbjaDhJVALLk9SMjp9O1YOp22s3+pazdaPFHHf2lutjpz3mYowX2ySyK4RieqDoRuix61D8PrDVNNbXbfVNLt9Pj+3IYBBcvOJAIIlJDPEm4fL97u24Hpkkdd+36/5A9P68jsaKKKAKV3rOn2OqWGnXVysd5qJcWsOCTLsXc3ToAO59vWs638aaJc2c13HNdJbQzRwmeawnjjdpJPLTYzIBICxAyuQMgkgc1zd9pvin/hYemahc6ZYXFr/aTCO4ivZS0FsIJVAZPIwpO4sTvOWKrnGCMTU9PvJdI1O28F2esHT1ewMEGrRXe0XK3isxRZ/3gjCAFto2YHHIahbrz/r+vMdtbf1/X6HrtFYXg/zRoIW8GoC+EjfbPt5ckzcb9hb5THn7vl/JjpjkVu0CCiiigAooooAKKKKACq2oX8GmWMl3dCYxR4yIIHmc5OAAiAsxyegBqzWdr10LTRZ5Glv4AQF87TrU3M0WeNyxhH3f98N7jFJjRSl8a6JHp9neLNdzx3rOkKW2n3E0pZDhw0SIXUqRg7gMHg4NbwORmvL7i2VfBMTXNlrqasJb1tJl063u4ZnZ5CyyTBDtQuSrETbUznKqAVHpVp5/2KD7YVNx5a+aVGBvxzj8arv/AF/XmL/g/wBf15k1FFFIAooooAKy9a8R6b4eSN9VknjjkyfMjtZZUjUYyzsikRqMjLNge9alcj8QpXk0R7CH+1GmuYZBHb2mnPcw3ZK48mZlUmNCSMnfFwT8wANIa1Nx9f09NaTSg80t2wDMIbaSRIgRkeZIqlI8gZG4jPam6R4j03XJLiPT5J/NtwpkjuLWW3cK2drBZFUlTtOGGQcHB4rh0stTsvGk0wi1pdSudSiuAIWmNgbTyEWQHH7nd8rqA37zcEx8uDSiHX9YvNWfw9HNeQ3aQRzXWuwzaZMYw8he3Q+TyoVgAwi/5aN87EDa+n9f15eqZP8AX9fn6HfaPrNhr+lx6jo9yt1ZylgkyggNtYqcZHTIPPftV2uY+H1vqNr4WaHV9Ph0+Vb66KQxSM4CGd2B+ZE45445XB74HT03uAUUUUhhRRRQAUUUUAFVtQv4NMsZLu6ExijxkQQPM5ycABEBZjk9ADVms7XroWmizyNLfwAgL52nWpuZos8bljCPu/74b3GKTGjPn8deHrbTbe+lvZPIuBIy7LWZnRYziRpEClo1Q8MXChTwcGugVg6hlIZSMgg8EV5RNZ6pbaDDc6eL2DULxb20ihOizTG8ilm3rJJyBbSsTu3SEKNzZQY2r6bpVo1ho1lZyMGe3t44mK9CVUD+lV0/rz/4H3kvf+v67/cW6KKKQwooooAKKKKAKN3rOn2OqWGnXdysd5qBcWsJBJl2Lubp0AHc+3rVOHxhoFxY3N5balHPbWt1HZyzRKzqJXKBVBA+bJkQZGQM8ng45e+03xSfiJpmoXOmafcWv9pMI7iK9lLQWwglUBk8jCk7ixO85YqucYIi8Tabq0uk+LRpllI91PrthNaCSJykgUWeX4GSgKNkjptb0oXS/wDWq/RjS1sej013SKNpJGVEUFmZjgADqSaxPB/mjQQt4NQF8JG+2fby5Jm437C3ymPP3fL+THTHIqp45fUpNNhsbLRbvVLK5Li/FrJArCIL9zEsiZDng4z8obuRSm+VXCOrN2bVdOt9K/tSe/tYtP8ALEv2t5lEWw9G3k4wcjnNImsaZJpI1VNRtG04p5gvBOphK/3t+cY981w+jeNdI0T4aaN/aipbXNvptk4t7x0jVfMPlxO0mSiqWQnOSVUZIzxXPeJnkuPh9eQ6ZbL4i0eSG7v7y/0m5tntzdu7OE+aUNsjJ3cBiSE75FXJWk15/wBf1/mJapX3/r+v+GPS9T1DT4NRjguVj8+b5Yw02wykDcQo/iwOfoKz5te0K2t7me4e1ihs22XMkl4FWBsA4cnhThlOD6j1rhdYu9Uu/iVo15qnhvULXF4YbRpJbZljiNs+4/LMTuJ+Y8dEAGT1s2L2Ggr4q8ufTtHt4tRjEctxEBbwsbaAgsoZRjcf7w5PWp/r8V/mC1Otl8T+HILK2vJ7mxjtrtgtvO98oSYnoEYnDE+1aHn2n/Pl/wCRTXjs1xHa6El9FLpMpvY7+zjgurgj7b5s24y2yhCZAxIxGByCo3nGW9O0uKWDR7OG5yZo4EWTJz8wUA89+afS/wDXX+vmHW39f1/kdXZeWbRGhTYrZOOvNRajrGmaOkLavqNpYLPIIojdTrEJHPRV3EZPsOadpv8AyD4vx/ma5Hxle6bp3iAS6+0a2dzo11aw+cMrLIzJuhUfxO4AwgyW2nA4qW7f15X/AB2Glf8Arz/pnbO6RRtJIyoigszMcAAdSTWe3iPREurK2fWNPWfUED2cRukDXKnoYxnLj3Ga4/UdQ1C68K2ehQaXeau9vDHb68tu0SvGfIRzGfOkjDb94yVJ+XcOprH0vxHot74b8NeHNSvNP0SX7Hp9zcjULqGOaRUYNEkS7juLGPOc/KrDjccLdvea81+N9SU/dT7r/I9TF7am6mthcwmeBFkli8wbo0bO1mHUA7WwT1wfSo9M1bTtasxeaNqFrqFsWKie1mWVCR1G5SRmuD8R6dFDqnjSPTrJVNxodtLPHbQ/NOTLc+YcKMszKCPU1u+Fbyz1XxFr2p6JPDc6ZcfZ1S4t2DRTTKhDlWHDYXy1JGeVx1U0hy0dv62TOqooopAFFFFABRRRQAVBe3ttptlLd30ywwQrud27f4nsAOSeKnrm/HtjNf8Ahfy4Rdskd3bzTrZFhMYkmVn2bfmLBQSAvzcfL82KTGS3XjfQ7Kxgu72W8t45w7KkunXCyqiffkeMx70jXIy7AKMjnkVqWeqWd/c3dvaTCWSzkWOcBThGZFcDJGDlXU5GeteY3NtqsOmvd6XPrKy3f2qxsLe+0u5vJZbZiu0SOxDQNv3bXnbARvmU44saDper6R45uYtShvxowuLZYpLJZR5twtpAgaTaMtD8rD+4GB39Bio67/1/wf1dhf8AB/r03+Sueo0UUUgCiiigAooooAKKKKACiiigAooooAwp/wDkMab/ANfX/tCet2sKf/kMab/19f8AtCeszVNPA+JtjPaSSR3d1o18gkeV2VCHtgu1SSF5OTtAz1OaP+D+TY0rs7CivJdEtbDTL6707W/DX2SH+zbdNRsy8U41K7aXajkKxDmRt2Gk2s3VwAua7fwzpkWj+H4tEvHhs5ro3E0Vjbz7DBE0hby49pBAjDquVwAcYxxT6af1/W/oLrb+trnR0V5QLCaXw1pOg2Bs0tbvxHqMMq6ij3EMipLcuEkTeplyVB2lhkjJzgg58rwaottqi2FhDHo9taCSSAeX/Z6pcv8APZIAciUJgjK/LtGZOVo6g9Lrt/nY9norkPHEdjqeiWd3FP55tNYskUw3DbA4vIlYMqnazAgjDAlTnoaj8c/ZdZk0zSIorHVZ/t+JNNvJQLeUrA77JiAxGFIdRsbJCnGPmC6X8/8AL/Mdjs6K8Ygjs7rw9d3cz/atS0XTrFNLnn/1kMvmOgMZySN8qbMhjvVVBJFez02TchvLy20+zlu7+5htbaFd0s08gREX1LHgCs8+KvDw0621A69pgsruTyra5N5H5cz5I2o2cMcgjA54NN8VxadN4Zuk1nVF0mzyjPetJHGISHUqd0gKfeAHIIOa8z1bWP7R0uGXU9atIopLXUbS21fUIl2ajbs6qEQAKnmuqgqygghciNwcLN9f6/r+tLlW/r+v69D15ru2W9Sza4iF1JG0iQFxvZFIBYL1IBZQT2yPWoLvWtLsEunvtSs7ZbNVe5aadUECtwpfJ+UHBwT1rk2jS18Y6NqVjo5S+n0C7ke3wqTysptdkbucZYfdyxwKwtC1KfS9d8RXWv2o8PXk9jZzXOoawbd7dZ98oUsI5z8vRV+YcRgEg4zTVv682v0/q4lqkz1C0vLbULOK7sLiK6tplDxTQuHR1PQhhwR9Kmrmfh/Ik3hXfEqFHvLlxPE+6O53TOxmjOB8jFiVHIAIwzfeON4gso/DfjqDxRcWmn6l9tmFvGg04vfwbYHJ8mXeSw+RsoEBO489inZMFqmd/RXmvgnXbaXxprt7qZvLO5vbSykmF/aT20cLF5UWJTMijjcijH323EZ5xp2uiaXqHia81bTNMtYbFre5tLudsJ/akzuoIcjJZUKOu5s8sdoxyR3QaHb0V5RdaTaJ8N/HemyWK6a1mJpzp9hMVtbdjaKwWMpt3ofvlWRQWY5XoT3WuXeinR5LLWUhvlZIt+nHa7Tb22xqYyeQzjA3fLkHJwDge33B2+f4W/zN2ivMdc8Kx2Xw3kiu9I053s1urpQZF8zSInZnBtgRt3xgKB80a5XhgOKbDczS+OpdbuoNLu449Vg062S6tme9gSSBCGikLYjHzlmUJ8w3Et0AFq7f12X4v/gg9Ff1/DX8tT1CiuQ1+OxvvEng3V7Sf7SJNQZYpY7hniZDaXB3KoOwk/3gM44zisPQrC50v4h2MNxo5ttRm+2yXuprNG/9oQlgY2OG3kLmMfOq7PupkZp9dQlp+H6r9D0uiiikAVFd3dvYWct1fXEVtbQqXlmmcIkajqSx4A9zUtc14/kjj8KFp2SJFurdjcyjMVsVmVhLIO6KVBIyOP4l+8Exo0pfE2hQWFrfTa1p0dpesEtbh7tBHOx6BGzhicHgVp149ZalpVr9oudauLa4sLy11KCG8Vf9H1CaWVHdYFyQd+cKgLFvLbBbBY+o6BFcweG9Mi1DJuo7SJZ9xyd4QBv1zVLWN/66/wCX4rQluzt6/hb/AD/A0KKKKQwqGa7treaCG4uIopbhykKO4VpWCliFB6nAJwOwJqauW8T2dr/wlfhO9+zQ/a/7SaH7R5Y8zZ9kuTt3dduecdM0LcOj9GbMXiDRp7y8tINWsZLmxUtdwpcoXtwOpdQcqPripdM1bTtasxeaNqFrqFsWKie1mWVCR1G5SRmuCPjHwrd6xeaxcappQt9EtbuFNOjuI2uZBvXzXePPyjMQ2juG3MRkAdB4Ju7DUl1TU7PVdM1C5vroTXK6ZdLPHbkRqiJuXqdqAkkDJJwMYojqvl+oM6iiiigDGl8YeGYNX/sqfxFpMeo+YIvsb30Ym3nouwtnJyOMZ5q/LqunwSyxz31tHJCYxKrzKChkO1MgnjceBnqelYmtSveeJYbWCA3Z0m2bUjaqwUzSnckC5JC9RKeeAQp7V5nqM2qwL4hlvPD17Bqk39j3E/2iW3Anm+28KDHK+FIwik9FTnHGRa2v/Wtv8/w7jtrb+v61R7jRWF4P1B9T0EXFzqJvbsyN9qjMaxm0l43QbQMrs6fMS3ck5FbtAtwooooAKKKKACiiigAqG8vLbT7OW7v7mG1toV3SzTyBERfUseAKmrH8VxadN4Zuk1nVF0mzyjPetJHGISHUqd0gKfeAHIIOaT2GtWEvjDw1BpcGpT+IdKjsLlikF097GIpWGQQrlsMRg8A9q2AcjI5FeWXutxyeFYNZvPF32XUbSS9TRrnbb7tXQEBP3TR/vN2EH7kLuzlcbhXptpJLLZQSXMYimeNWkjH8LEcj8DVC/wCD+BNRRRSAKKKKACqmp6tp2i2f2vWdQtdPttwXzrqZYkyeg3MQM1brz74g3LWHiPTb6519tBtobC68i68mJ99wTHtiBkVhuZQ3ygbmAIUjmk3YaVzsl13SH1caUmqWTaiY/NFmLhDMUxndszuxjvim2HiDRtVkuo9L1ewvXszi5W2uUkMB54cKTt6Hr6GuNtPEmmeIPE2lWGo3+l6bqGmzJPPYvcotzPeNb4KLGTnaolPzcklcdASX+E/7Ovrq/wBAsdWh8U+HYLWNg8qwTJBLvb9zujQI3AVsNllOCT8wwSul9/8AX9b/ADJTur+n9f1+h3dtcwXtrFc2c0dxbzIHilicMjqRkMCOCCO4qWue+H//ACTfw5/2DLf/ANFrXQ1clyyaGFFFFSAUUUUAFFFFABTZZY4IXlmdY441LO7nAUDkknsKdXLfEVJH8HsFuDawC7tmurjy1cQwiZC7kMCMKBkkggAEkEA0mMty+OvCUFrBcz+KdFjguQxglfUIgsu04baS2Dg8HHStm2uYL21iubOaO4t5kDxSxOGR1IyGBHBBHcVw1tq9xq3hFrH+1G1FNT1JtNstUAVWurcgs8gMYVchFmUMoAJQEV3cUUcEKRQosccahURRgKBwAKrp/Xr+qJ6/16fox9FFFIYUUUUAFFFFAFOfWNMtdUt9NudRtIb+6BMFrJOqyzAdSqE5bGD0FRQeItEukuHttYsJltZhbztHdIwhlLbQjYPysWIGDzniuBm1K80vx/qYi1WR9QutTiVdDWGLddWnkIDKCV8whcOQwYICpUjcTnl2ukXwvIdMltdWmt7bSoo4rMiP7J5d6hS1nYk/vsucsQv3T+7XncR1t52/HX+vPz0be9v63t/wfTy1Xu9FYXg/UH1PQRcXOom9uzI32qMxrGbSXjdBtAyuzp8xLdyTkVS8eaqbPS49P+z6i0Wo7457ixsp7gwRBfm/1SMVZs7QeMZJ/hpSfKrhH3mdVRXCaDqWg3Pwp0e11SJbyI6daK2mzRfvJi2EjUxPgkM6kAt8pxnOOa5nxcJNC+Hlx4curG+tbaW3ub6QWFlPNBbqZGeG1EkaFUCnG7JVQqYxhuLkrScRR1SZ6Zf/AGP7W3m+dvwN2zGP19qrf6B/08/+O15r4g8Rw3/xE0q7nttYtobW5eG3STS7qMOptn3SHdGAcnAA6gKScAnGFp9nDaQ2trcw28Ntq0di0ywvvW9iM2DLcdvMkLorD5gRkb2H3ZWrS7/qK9ldns/+gf8ATz/47R/oH/Tz/wCO15TqWl2cnhTWY7fTbGez0u6uhbSM4D6fEFBZ7cEY3LIHCjcgG3G4YxXpEEiy28cibtroGG7rgjvR0v8A1qPZ29fwNqHUrWCFY0SXavqB/jT/AO17f+5J+Q/xrGrmvG9nFPpVlPJ5he31KyKASsFybqIZKg4b2yDjtihbpAd9/a9v/ck/If40f2vb/wByT8h/jXn/AIjGn6trOkaVffZru0a7kW5tZNrq0ggZ0R1Pt84B9FPYVxL21yuj2+oyaa2oLiGHR9RE6FrPbcMqY3Nuy6+Xygbf0bAFAM92/te3/uSfkP8AGj+17f8AuSfkP8a8gsL618Q/ERTqun32270+5t/sd9ps6RLCskZUN5iBDu+ZienKrngZ3/Bei6ZYw32p6Tp9pYx6lNujS1hWNfJT5Y+FAHPL/wDA/ahapP8ArewPR2PQ4tUgllVAHBY4BIFXK5y1/wCPyH/rov8AOujoAKKKKACiiigAoorE8WXGrQaGV0Kwub24mkWJ/sskSyQxn77r5ropIHA56kHkA0mBNeeKPD+nWUV5qGuaba2s0jRRzz3caI7qSGUMTgkEEEdsGtCG7t7iWaOCeKWSBgsqI4JjJUMAwHQkEHnsQa8is7mx0vwDa3Y1CbwnqGn3GpR6VZSNau10fOb90sf7wvztTCENnODyCdLRtYv4/iVqtvfzf2PZ3N9bvJMAjC4uTZwYtcuDszknOAzYwpBBzS1bX9dP6+5B0v6nqFFFFIAooooAKKKKACiiigAooooAKKKKAMKf/kMab/19f+0J62WtoHuUuHhjaeNGRJSgLKrEFgD1AO1cjvgelY0//IY03/r6/wDaE9UdS/tCD4h2n2TULmRbnSbxo7ORwIEkRrcKdoAycseWJIycYBxQ/wDP8mNK7saa+EPDSaTLpaeHtKXT5pPOktBZRiJ34+YptwW4HOM8VY0/w/o2kLEulaTY2KwhxELa2SMR78F8bQMbtq5x1wM9K8+0G+jM1zZate+IrWB9Min1L7fLcRSrdeZtYQtww3E7cQHYcAR967PwvaX8fhXyL2e8hkkeYwNcSebcQQs7GIMz7tzqhX72454Oae2v9dv008hbv+u1/wBdfM0LrRNKvdNl0+80yzuLKZzJJbS26tG7Ft5YqRgkt82fXmmS+HtFnubK4n0iwkm08BbOV7ZC1sB0EZIynQdMdK4L7XrT+G9O0mynutQuLzXb+1kln1BraR4opbggGdFLIMIoyi5AGAAOlS41e6vJbO8sZtUtoNPhtllK6i7xac63DLObgs2bkMqFQSHI25Ij3bqOvzB9U/P8/wCmeoDTbEW5gFlb+S03nmPyl2mTfv34x97f82eueetQXugaPqcFxBqOk2N3FdOsk8c9skiyuoAVmBHzEAAAnoAKyfHIuo9Lsbq01G7tPK1KyV47dwqzK91EpDnG7GCeAQDkg5HFM8cvO9vplpbfbpTPd/vbPTbk29xdRrG5KpLuTZg7WOXXIXGedpn7N/O35DNp9C0iS4sriTS7JptPXbZyNboWthjGIzjKDAA4xV+vJ4r/AFG60G51KbWbyS90HT7R4hDcSIks25/NEqcCUsU8s71ONpKhSTXrFUyUFFZXifRW8Q+G7vSllhi+0BQWngM0ZAYEqyBl3KQMEZHBry6/tIdY0qLSrbStF3aVDqSeTEgtrOPZIqG7gQbtsqnOFyMFn/eLwWm+v9fMpK57NRXCs9pB400bXYRe3Pn+H7uYgmSSR1U2pAWLJwxH8KgZJ7muZ0zxXNba9r98ljrTapqVtZb1Oi3rC0JaZfuGLO1Ex0GHYHHU4pq39ebX6CWsVI9gqgmhaRHrT6xHpdkupyLse+W3QTMuAMGTG4jAAxnsK534WyWx8DpDZC78m3vbuNTeQyxyEfaHIJ8wBicEZPrkHkECvrM8/h3xqNd11pP7GldYoZo9XnVbXELFjJagCJlJVjvJYjKnHGQnaL1Bap2Own02xuXd7mzt5mk2b2kiVi2xtyZyOdrcj0PIrNj8FeFobme4i8NaOk1yrpPKthEGlV/vhjtyQ3cHr3rmfAXiy38SeMdakh163vUuLS2uILGG7SUWi7pFKhVJw2PLL+jNjpir8Nk1x4tvW0q81aey+y3EWoOb2QxtOzLsSAM21GQCQEx7QpIBOeg01p/X9dAWp0lroek2Gkvpdjpdlbae4ZWs4bdEhYN94FAMHOTnjmm6h4f0bVkkXVdJsb5ZFVHFzbJIHVSSoO4HIBJIHYk1wM7Xq/DvxhHb6nrOmTaeJpobee5Mt1aqLYMI2ncuWBbc+5HbAIAcYIHd6x9kbw/IdTuri2tti+ZJbzPHIeRhVZPnyTgDb8xJwOTQ9rj7edyuvgvwskVtEvhrR1js5DJbILCLEDkglkG35SSAcj0FXn0bTJNXj1WTTrR9Rjj8pLxoFMypz8ofG4Dk8Z7muD1Wy1O2+HonnbXkuYDcy2s0d/JusYizNC9yA++cIgXKESt1BB5NSQ61e3HjWXUbqCebSbfUYtOt5otUkiVWkiQhjbKAkoLyDLO2RkYX5clrV2/rt+tiXZK7/q2v/BO8j02xhhtYYbK3jiszm2RYlCwHaV+QY+X5WI47EjvUdloul6Zd3V1pum2dpcXr77qaCBY3nbJOXYDLHJPJ9TWN4jF1D4q8LzQ6jdxwy37QSWiOFikH2adstgbmOVXgnbwDjPNc/oF/fQ+OLS3vW1pb+6e8W/iuxL9lKqcwtDu/dYChQDF2Y7/mNA5afh+p6NRRRSAKKK5rx8iT+FWtHCubu6t4FhkOI5y0q/upD2jb7rcHgnhvukA6WivH7TT9JuftGka/BapaaZaajMlqGzb2UolRiYGIGPKR1CuApXc2AnKj1DQJbmfw3pkuoZF1JaRNPuGDvKAt+uaa1jzf1rf/ACE3Z29fwt/maFFFFIYUUVw3jjSlttasvFc8Gk3yWRgt1tb6y8yUM04G+CUuBHJlhj5TkqBkdQdUg6M7miuOtdG0+T4ieI7a5txdW97pdm9xFdsZ1kzLc5GHJAXj7o+UdhUngPQdJ0+DUNW0bTLLT4tVn3Rx2cCRJ5EfyR8KAOfmf1/eY7CgHo7f1tc62iivOfi7q23w/eaPJb6kLaSxkuJrm2sbiVGK/ciMkaFVyw3NuIG1cHhqOo0rno1Fee60bGx8V6N4lXSERZZCPttnEWvrlvs0n+jyRFVcIAoO0FzuVcovJHHX+tiYeI9QntNVN7OdHupraTT7iIoVvcCJBKigkLtUYxuIYjvgW4lrY9zorJ8M6hdatoMGo3slq5usyxpaqwESHojEk7nXoThec/KMVrUbBe4UUUUAFFFFABRRRQAUU1yqxsXbaoBLHOMD61xfh3w5pty+p32m6eNL0XUreFIYrV2t2udpdjcN5ZBBcOoyTuIX5uuAm7JsDtqK8vg0vT9c+FnhjR/7Nt77Vp9FjFi0yAiyHlopuMn7mwsuCvzE4A7kenRIY4kQsXKqBubqfc1clZtA9B1FFFSAUUUUAFFFFABRXH6rFb6b8S7LVPLuZpDo188iRtJMzBHtsLHHkgE+igbj6mvPL/WxMPEeoT2mqm9nOj3U1tJp9xEUK3uBEglRQSF2qMY3EMR3wLW39dbf8Edj3OisnwzqF1q2gwajeyWrm6zLGlqrARIeiMSTudehOF5z8oxWtRsK9wooooAKKKKACiiigAopGIVSXICgZJJxgV5Pc6dZ6ZrN9pEml2el2l/PpwuLOxZWtZoGuHTe5wpLyHajgpgqANz84Fq0u4PRN9j1mivJ9R8PW83h/Ubq3i0aXSPDl9evbWGp2X2i2ZAilkX51Ee1xKoOGC5IC8Yr1Kzn+02ME/lmLzY1fy26pkZwfpQtVf0/FXDZ29fwdiaiiigAooooAKKK85+LurbfD95o8lvqQtpLGS4mubaxuJUYr9yIyRoVXLDc24gbVweGo6jSuejUVwV7Z2mseII9Y8O6ckd9p4aW71N4fLmcm3Oy1+bDn/WIzKcKuAPvdOO1VLDR/DtncaJb+ZHdabpl/fJarukupftsBSRh/FI+ZfmPLEcnihauz8vxv/kLorf1ql+qPbqCAykMMg8EHvWT4Z1C61bQYNRvZLVzdZljS1VgIkPRGJJ3OvQnC85+UYrM8deKLLQNMis7nV7bSrrU98MFzcTpEIQFy8gLEDKgjA7sV7ZpSfKtRx956GtdeGdCvrX7Ne6Jp1zB5aReVNaI67EJKLgjGFJJA6DJxUlpoOkafpT6ZYaVZWunvu32kNsiRNu65QDBz34rA0O/stU+E+lXmoatO9vJYQefd210/myPhQwEiHfvLfL8p3E8DmuQ8T+KH8P+BJNEvNfbSNTnhubyB72/C3UVsJGMMe523NIw2r1LAB8nIBNtWk4/1/XX5MS95J/1/XT5o9E1KxsZr5JbiRBLGdybot5jO0rkHscEj6E+tZMPhfw3bwXcEFrYRRXxJuo0sVC3Gc53gD5up6561z+qSTw+PoNXldrzS9QeGGymttVmKIWhyCbcAROrEE78seVOOMjHs7DWktNU0KQyrrM0EdwtydbuZI5UMhDbWK5t2wCMIvQjBOOI/wCD/X6gu/odtL4T8MTx2aTWWnyJY/8AHor2CkW/T7gx8vQdMdBWn5Fp/wA/v/kI15pqDyS+CXkt4dYtbrTnuIWkg1SaZbWRSf3sjFhJcRjAIXa5wcbOw76GRZYUkRt6uoYMO4I61X9f16h/X3F3yLT/AJ/f/IRqOaw0+5jCXE6SoGVwrwFgGUhlOD3BAIPYioa57xiLiPTrO4tr65tfL1C0Vo4GCiUNcRqQxxuxgngEA55yOKS3SA3rvw9oF/BcQ30VncxXLq88c1mHWVlAALAj5iAowT6D0obw9oL6jBqDxWjXtsnlwXJswZIl5G1WxkDk8D1NYfjhbgeCNXmtL65spbezlmWS2YKxKxsQMkEgZxyuDxwRWL4gnumutWvUvbuGTR7a2ltYorh0R2Yszb0BxJuwE+YHGDtwcmhA9F/Xkd+bDT2uFnadDMqlFkMB3BSQSAeuDgcewpYLHT7W3jgtrhIYYlCJHHAVVFHAAA4ArhdQOr2+s+JotNvb26nOlwTW0RZD5TM84IiXAXOFGCckkDJNWfBl2st3q1raPqb2UEkRgGqed5ylk+Yfvv3mMjIDepxwRQD0dv62O5toLX7VGRd7iGyF2EZP1NbNc5a/8fkP/XRf510dABRRRQAUUUUAFFFeYzWFraDxBpp3Np9x4msobpbiVpfNR4bbKuzklgzEKQScg46ULV2/rdL9R9G+x6dRXififUYbTwn4h8N2tpqEWjQTXTwy2VjPLCqoARAHjQqiibzMgkBVTb0PHR+HtduJfibrem6eq28d1dQ3ck17buvmRizgzFGpKkS8gnd90D7pzw1rt2v+X9fIT0un0v8AnY9JooopAFFFFABRRRQAUUUUAFFFFABRRRQBhT/8hjTf+vr/ANoT1qSafbS6lBqEkebq3ikhjk3EbUcqWGM45Ma/l9ay5/8AkMab/wBfX/tCet2gDnm8DaE9jNayRXsgnljmed9TuWnLRnKYmMnmAKckKGABJ45NXLHw1pun3FtPCt1LPapKkM11ezXDqshUuN0jsSDsXr0xxjJrVooAyLnwtpF1pv2GS3kSH7S92rQ3EkUkczszM6SKwdCS7fdI4YjocVXbwP4eZrUixZFtY44ljjuZUjkRDlBKisFlAOSPMDck+prfooB67mYPDuliweyFr/o73n21k8xuZvO87dnOf9YN2OnbGOKgvfCWjahJcSz28qTXFwty88F1LDKJBGIwyujBk+QBTtIBGc5ya2qKP6/r7h3ZgnwV4f8AOs5BYbPsaIkaJNIqOEbcnmKG2y7WJYFw2GJI5JNb1FFAitqGnWWrWMllqlnb3tpLjzILmJZI3wcjKsCDyAfwqpceGNAu7C1sbrQ9NntLMg21vJaRtHAR0KKRhfwrUooAja3ge6S5aGNp40ZElKjcqsQWAPUAlVyO+B6ULbwpcvcLDGs0iqjyhRuZVzgE9SBuOPqfWpKKAI4LeG1j8u2hjhQsz7Y1CjcxJY4Hckkn1JrPfw3psuvJrE6XE13GcxCW7leKJtu3ckJYxo2Mjcqg8nnk1qUUAZt74e0vUZppby18x5/I8w+Yw3eTIZIuh7MSffvkVRtvBGjWbT/ZjqaJP5m+L+17sxguSzFUMu1DkkgqAQeRiugooAyLfwtpFto17pawSyW2oKy3ZnuZZpZwy7Duldi5+XCg7uAABjFM1Twlo2szPNfW83myJChlgu5YXAidnjwyMCCGZjkYPPPQVtUUB0sc/N4I0a4tIrW5Opzwx7gUl1e7fzVbqsmZf3i/7L7hgkY5NWX8K6M+uJq5tGF2hDDbNIsRYLsDmINsLhTtDldwGBngVr0UAZtt4e0u0s9LtLe12QaSwayTzGPlEI0Y5Jy3yuw5z19aLPw/p9jq1xqcK3El5cAhpLi6ln2KTkrGHYiNScZVABwOOBjSop3d7hvuFFFFIAqG8s7bULOW0v7aG6tpl2ywzxh0dfQqeCKmooAzG8M6C9jaWT6JpzWllIJLW3NpGY7dxyGRcYU8nkY61p0UUAFFFFABVC40LSLvVoNVutLsptRt12w3klujTRDnhXIyByeh7mr9FAEYtoFunuVhjE8iLG8oQbmVSSFJ6kAsxA7ZPrRb28NpbR29rDHBBEoSOKNQqooGAABwAPSpKKACo57eG6t5Le6ijmhkUq8cihlcHqCDwRUlFAGfHoGjw6zJq8Ok2MepyLse9W2QTOuAMF8biMADr2FTz6bY3Lu9zZ28zSbN7SRKxbY25M5HO1uR6HkVZooAgtrG0sjMbO1htzPKZpvKjC+ZIertjqxwOTzU9FFABRRRQAUUUUAFFFFADXRJY2jkVXRgVZWGQQeoIrN0nwvoGgyySaFoem6bJKu2R7O0jhLj0JUDIrUooAx77wh4a1SK2i1Pw9pV5HaR+VbpcWUcghT+6gKnaOBwK1o40hiSKFFjjRQqIowFA6ADsKdRQAUUUUAFFFFABRRRQBG1vA90ly0MbTxoyJKVG5VYgsAeoBKrkd8D0qKfTbG5d3ubO3maTZvaSJWLbG3JnI52tyPQ8irNFAEFtY2lkZjZ2sNuZ5TNN5UYXzJD1dsdWOByeanoooAKKKKACiiigAooooACAykMMg8EHvWXaeF9AsNNudPsdD022srvP2i2htI0jmyMHeoGG445rUooAypvC3h+4hsYp9C02WLTv+PJHs4ytt0/1YI+ToOmOgrVoooAKKKKACiiigAqOe3hureS3uoo5oZFKvHIoZXB6gg8EVJRQBknwn4dOs/2udA0v+09+/7b9jj87djG7fjdnHfNSweHtGto547bSLCFLmcXE6x2yKJZQwYSMAPmYEA7jzkA1o0UAQW1jaWRmNnaw25nlM03lRhfMkPV2x1Y4HJ5qZlDoVYZDDBFLRRurAc/ceBvD9zbpC9pNGscEFujQXk0TokDFogHRwwKlic5ye5NXY/D2npoU+jyfarmyuFZJVur2ad2VhgjzJHL4/HjtWnRRdh5nN33g60u/EQ1k+ZJcLgxrNdStHE23buSIsUVscbgoPJ9TmjD8PbK3hukie533YUS3DalctOQpyqiYvvVQSeAwHJ9TXZUUAcVJ8NtMksobQxyLbxBgY0vp0E245bzcMPNyc537s5OeprbXRplUKrRAAYABPH6VtUUAY39kXH9+P8AM/4VBeeGv7QtxDdiOSNZI5Qu9h8yOHU8ejKD+FdBRQBy8vgy2mi1KOSKNk1UEXg8x/3v7sR/h8oA4x+dR3ngWyv9QhvbqFHnhCgYmkVXCncm9AQsm08ruB2nkYNdZRQBzcnhRJbm5uDhZrqBbeWSOZ0YopYgAjG0gu3IweevApNM8JR6PatBY4Cu5kd5Z5JZJGP8TO+WY4AGSTwAOgFdLRQG5lQaVNHcRu7ptVgTgk9K1aKKACiiigAooooAKqzaZYXEF3DcWNtLFe/8fUbwqyz/AChfnBHzfKAOc8ACrVFAFWPS7CHSxpkVjbJYCPyhaLCoiCdNuzGMe2MU2XR9MmkMk2nWkjmdLgs8CkmVQFWTOPvAAAN1AAq5RQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBhT/8AIY03/r6/9oT1u1hT/wDIY03/AK+v/aE9btABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAGFP8A8hjTf+vr/wBoT1u0UUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAf/9k=)**

**10. What is the HTTP response time for the first HTTP request to nyansa.com?**

**0.386230**

****

**11. What VLAN is the client on?**

There are no tagged packet capture to determine this.

**12. What is total number of HTTP requests?**

35

Graphical user interface, text, application, email

Description automatically generated